

to Phillips too. Magnavox itself disclosed last week its new tape cartridge system is going the Phillips route.

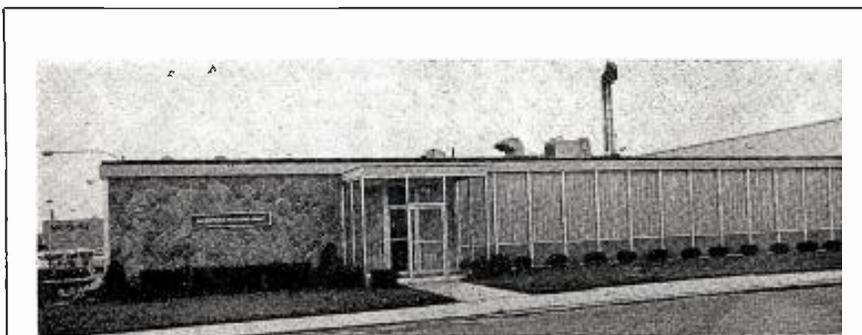
One unusual facet of the fast-breaking "auto tape" market is the almost equal rapidity with which the various manufacturers have come up with the home units so the listener can play his car tapes there as well as on the road (see RCA picture). Also there are new portable self-powered units enabling the playing of tapes in boat or plane or on beach or picnic. Prices of the various units range from low-end models around \$50 to better units at \$150 and above. One furniture manufacturer recently incorporated the tape system in a "stereo chair" (BROADCASTING, Jan. 10).

The new color home video tape recorders, all in the over-\$2,000 price range, will not be available for delivery generally until sometime after the first of the year. Sony, which also is supplying the basic unit for GE, expects to deliver soonest. Panasonic (Matsushita) is not just sure when its color HVR will deliver in the U. S. next year. Prices include small monochrome cameras for home pictures plus color monitors.

**More Products** ■ Entries in the monochrome video tape market for the home and school or industrial market were displayed by Sony, GE and Panasonic too. Others were shown by Concord, Shibaden, 3M Co.'s Wollensak, as well as by the video tape pioneer, Ampex. Another Japanese giant, Toshiba, expects to have an HVR entry "next year," and additional important American manufacturers like RCA are "studying" the market closely and admittedly are doing developmental work in this area. The newest monochrome HVR machines are very compact, hardly larger than the average audio tape machines of about five or six years ago. Prices for these monochrome recorders run from around \$850 and up, well "up" in fact, depending on the recorder model itself and the sophisticated array of live cameras and lenses the buyer desires.

In the home video tape market also there is a shakedown of technical standards underway. Most machines use helical scan, one-half-inch tape and twin recording heads. But there are variations here and in tape speeds as well.

Like the audio tape cartridge field where music publishers and record firms are rushing in with their latest hits and high powered and colorful promotions, the home video tape field appears destined to have its store-bought "recorders" offered too. Audio Fidelity Records of New York has announced its new Audio 20/20 Videotape series for the HVR fan. Initial label: a country and western piece from Nashville.



## Expansion at WGN headquarters

WGN Continental Broadcasting Co. is expanding its Chicago headquarters floor space by 20%, or by nearly 20,000 square feet, with acquisition last week of a large building adjacent to its present WGN-AM-TV plant. The one-story building, acquired for \$325,000, will house departments not directly involved in broadcast production.

With the new facility, WGN Continental's Chicago plant will occupy 14.4 acres on the city's north side. This includes the WGN landing port for its traffic helicopters as well as auto parking space. The company's expansion has been sparked by its growth in TV program syndication as well as acquisition of other broadcast properties.

## It's K100 vs. FCC and FAA

### Oklahoma City outlet gets restraining order; will seek temporary injunction

An Oklahoma City FM station has taken on the U. S. government in a fight over its right to continue operations while efforts are made to locate and eliminate the cause of interference potentially dangerous to nearby aircraft operations.

So far, the station, K100(FM), is more than standing its ground. It has obtained a court order restraining the Federal Aviation Agency and the FCC from interfering with its operations. And it will seek a temporary injunction to bar such interference until the trouble is located and corrected.

Meanwhile, the station and the area are swarming with FAA and FCC technicians who are trying to help the station do just that. Thursday night (July 14) commission engineers descended on the station for a complete inspection.

At issue is the intermittent interference which the station causes the ground-approach radar control unit at

Tinker Air Force Base, outside Oklahoma City, when the unit operates on 301.5 mc. The station operates on 100.5, but the interference is in the transmitter's third harmonic radiation.

**Ordered Off Air** ■ The commission, acting on a complaint from the FAA, on Monday (July 11) ordered the station off the air that midnight. It had sent a telegram a few days earlier warning the station that such an order would be issued if the interference were not eliminated. Commission officials cite as their authority agency rules permitting such action when interference endangers safety.

The next day, however, the commission wired the station permission to return to the air provided it cooperated with the FAA in efforts to eliminate the difficulty. There were indications the commission officials felt they had moved too fast. One noted that a station that objects to be taken off the air is entitled to a hearing.

In the meantime, K100 general manager Steve Bushelman Jr. had gone into federal court in Oklahoma City to obtain the restraining order and to file notice of a request for the temporary injunction. Arguments on the request are scheduled for today (July 18).

An FCC official in Washington last week said the commission was unaware of the court action when it wired the station permission to resume broadcasting. And an FAA spokesman expressed the hope the difficulty would be elimi-