



SCHEMATIC DIAGRAM

CIRCULAR ANTENNA
FOUR BAY

SYMBOL	2 - RADIATOR
	3 - MATCHER
	4 - ELEVATOR
	5 - LINE MATCHER

FREQ. RANGE 42-50 MC.
POWER GAIN 3.47
FIELD 1.86
D.B. +5.4
MAX. POWER RATING 5KW
INPUT IMPEDANCE-VARIES
WITH FREQ. & POLES DIA.
POLE DIA. MIN.-3"
MAX.-22"
RADIATOR OUTSIDE DIA. 37 $\frac{1}{2}$ "

POLE, CLAMPS, & AVIATION
LIGHTS NOT FURNISHED.

RADIATOR WEIGHT - 150 LBS.

MATCHER WEIGHT-75 LBS.
ELEVATOR WEIGHT-75 LBS.

LINE MATCHER WEIGHT -25 LBS.

OUTLINE			
FOUR BAY ANTENNA			F
FIRST MADE FOR			RT-3
BY US D.C. 51 22000 Sept 14		TRACED BY 79 5 20000 Sept 14/1951	1195
FINISHED BY 63 22000 Sept 15 '51		INSPECTED 63 22000 Sept 15/1951	89-7
GENERAL	ELECTRIC	T-7663164	PRIEST
SCHENECTADY	WORKS		14
RT	10	PRINTED IN U.S.A.	11
		FF-100 (11-60) P	