



NOTES
 VOLTAGE READINGS TAKEN BETWEEN POINTS SHOWN AND CHASSIS WITH A 5000-OHM- PER-VOLT VOLTMETER
 LINE VOLTAGE 117 V A.C.
 SWITCH IN "RADIO" POSITION
 * READ ON THE 250 VOLT SCALE ON THE VOLTMETER

ALIGNMENT PROCEDURE A D RECEIVER STAGE
 Alignment must be done in the cabinet.

SIGNAL GENERATOR				TUNER SETTING	M
Frequency	Coupling Capacitor	Connection to Radio	Ground Connection		
455 kc.	.1 mf.	12BE6, Pin 7	B MINUS POINT AT ELECTROLYTIC	Capacitor full open (plates out of mesh)	1 C an
1620 kc.	.1 mf.	12BE6, Pin 7		Capacitor full open (plates out of mesh)	O
535 kc.	.1 mf.	12BE6, Pin 7		Capacitor fully closed	.
1400 kc.	—	Lay Generator lead near back of cabinet.		Set dial pointed at 1400 kc.	A
400 cycles	.1 mf.	12AT6, Pin 1 or 12AV6		—	—

The signal source must be an accurately calibrated signal generator capable of supplying both 1000 kc and 455 kc signals modulated 30% with a 400-cycle audio signal. Variations in sensitivity of plus or minus 25% are usually permissible.

The table below lists the sensitivity at the input of each stage. All measurements are based on an output of 50 milliwatts. This may be measured by disconnecting the speaker voice coil and substituting a 3.2-ohm, 5-watt resistor across the secondary winding of the output transformer. A reading of 0.4 volts AC across this resistor will be equivalent to a 50-milliwatt output with the speaker connected.

- Loop antenna should be in its proper position

