



INTERMEDIATE FREQUENCY 458 K.C.

TOP VIEWS OF ALL SOCKET CONNECTIONS

ALIGNMENT CHART

OPER- ATION	ALIGNMENT OF	GENERATOR CONNECTED TO	DUMMY ANTENNA	GENERATOR FREQUENCY	TUNING COND. SETTING	TRIGGER	REMARKS
1	(Sat. dial pointer parallel with horizontal lines on dial with gang fully closed)						
2	I.F.	1A7G Grid	.1 mf.	456 KC	Open	C10 ABB C9 ABB	2nd I.F. 1st I.F.
3	I.F. Reflector	Antenna	200 mmf.	456 KC	Closed	C3	Adjust to minimum
4	Broadcast Band	Antenna	200 mmf.	1500 KC	1500 KC	C1A C2A	BC Osc. BC Trimmer
5				600 KC	600 KC	C7	BC Padder*
6	(Repeat operation 4)						
7	(Check calibration and sensitivity at 1500 KC, 900 KC and 600 KC)						
8	(Check operations 1 to 7 inclusive)						

***Rock gang condenser while adjusting for maximum output.**

VOLTAGE CHART

Condition of Batteries: Good		Position of Volume Control: Full with Antenna Disconnected									
Position of "Economizer" Switch: "OFF"		Voltage of Socket Prongs to Gnd. (See Prong Nos. on Schematic Diagram)									
TUBE	FUNCTION	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	Grid Cap	
1A7G	Oscillator - Converter	80	1 1/2	80	30	0	45	0	45	0	
1N5G	I-F Amplifier	0	1 1/2	80	80	0	0	0	0	0	
1H5G	2nd Det-AVC-1st A.F.	-	1 1/2	10	0	0	0	0	-	0	
1A5G	Power Amplifier	-	1 1/2	75	80	0	0	0	0	-	
1A5G	Power Amplifier	-	1 1/2	75	80	0	-6	0	0	-	

Notes: Voltage readings are for schematic diagram on back of sheet. Allow 15% + or - on all measurements. Always use meter scale which will give greatest deflection within scale limits.

[illegible]