

C-11 Filter Condenser 10MFD. 150 Volt Type P.R.

C-2 Condenser T. .05 MFD. 400 Volt 20%

Dial Drive Cord 18 lb. Schindler

C-3 & C-8 Condenser .1 MFD. 200 Volt 20% - 10%

C-6 & C-10 Condenser .003 " 600 Volt 25%

C-9 Condenser .02 " 600 Volt 20%

C-5 " 250 MMF. Mica 20%

C-7 " 100 MMFD. " 20%

C-4 " 50 MMF. " 20%

R-10 Resistor 330 Ohms. 1/2 Watt 10%

R-3 " 10K " 1/2 " 20%

R-2 & R-11 " 100K " 1/2 " 20%

R-8 " 470K " 1/2 " 20%

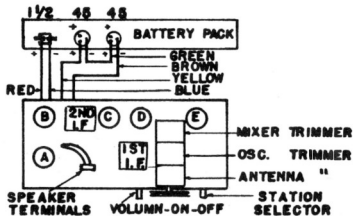
R-1 & R-5 " 1 Megohm 1/2 " 20%

R-4 " 2.2 " 1/2 " 20%

R-6 " 4.7 " 1/2 " 20%

R-7 " 3.3 " 1/2 " 20%

TUBES	
A	1S5
B	3Q5GT
C	1T4
D	1R5
E	1T4



CHASSIS No. R5A4

Addison 7 456 KHZ I.F.

ALIGNMENT PROCEDURE

All tuned circuits in this receiver have been accurately adjusted at the factory, and any further adjustment should not be necessary. If any re-alignment is required the procedure outlined in the Chart of Alignment Fig. 4 should be followed in the order shown.

Output Meter - Connect meter leads to the voice coil terminals of the speaker and turn the receiver volume control to maximum.

Test Oscillator or Signal Generator - For all alignment operations connect the ground side of the test apparatus to the receiver chassis, and keep the signal input to the circuit being tuned as low as possible to avoid A.V.C. action.

CHART OF ALIGNMENT PROCEDURE

Steps in Alignment	Test Oscillator			Receiver Dial Setting	Circuit to Adjust	Symbol on Schematic
	Connection to Receiver	Dummy Antenna	Frequency Setting			
1.	Control Grid IT4-I.F. Pin No. 6	.05 MFD.	456 Kc.	No Signal 540-700 Kc.	2nd I.F. Transformer	C10A C10B
2.	Control Grid IR5	.05 MFD.	456 Kc.	No Signal 540-700 Kc.	1st I.F. Transformer	C9A C9B
3.	Antenna Lead	200 MMF.	1500 Kc.	1500 Kc.	Oscillator Trimmer	C4
4.	Antenna Lead	200 MMF.	1500 Kc.	1500 Kc.	R.F. Trimmer	C3
5.	Antenna Lead	200 MMF.	1500 Kc.	1500 Kc.	Antenna Trimmer	C2

Fig. 4.

NOTE: Calibration points are marked on the top edge of the dial back at closed gang, 600 kc, 900 kc and 1500 kc. positions (see Fig. 2), for convenience in alignment of the receiver when out of the cabinet.

