



Output meter connection Across loudspeaker voice coil
 Output meter reading to indicate 500 milliwatts 1.5 volts
 Approximate microvolts input for 500 milliwatts output See chart below
 Generator ground lead connection Receiver chassis
 Dummy antenna value to be in series with generator output See chart below
 Connection of generator output lead See chart below
 Generator modulation 30%, 400 cycles
 Position of Volume Control Fully clockwise
 Position of right edge of Dial Pointer with receiver tuned to 600 kc. On line scribed on top of pointer guide rail

PRELIMINARY**ALIGNMENT PROCEDURE**

WAVE BAND SWITCH POSITION	POSITION OF VARIABLE	GENERATOR FREQUENCY	DUMMY ANTENNA	GENERATOR CONNECTION	TRIMMERS ADJUSTED (IN ORDER SHOWN)	TRIMMER FUNCTION	APPROXIMATE MICROVOLTS
"A"	Closed	455 kc	.1 mfd.	6K8G Grid	T2, T1	IF	—
"A"	Fully Open	1720 kc	.00005 mfd.	Ant. Term.	C7	Oscillator	—
"A"	1410 kc	1410 kc	.00005 mfd.	Ant. Term.	C1, C2	Loop, Transl	25
"A"	600 kc (rock)	600 kc	.00005 mfd.	Ant. Term.	C6	Padder	70
"B"	Fully Open	18.3 mc	400 ohms	Ant. Term.	C11*	Oscillator	—
"B"	15 mc (rock)	15 mc	400 ohms	Ant. Term.	C4	Translator	12
"C"	9.6 mc	9.6 mc	400 ohms	Ant. Term.	C10*	Oscillator	—
"C"	9.6 mc (rock)	9.6 mc	400 ohms	Ant. Term.	C3	Translator	15
"D"	11.8 mc	11.8 mc	400 ohms	Ant. Term.	C12*	Oscillator	—
"D"	11.8 mc (rock)	11.8 mc	400 ohms	Ant. Term.	C14	Translator	15

IMPORTANT ALIGNMENT NOTES

* If two peaks can be had, the correct one is with the trimmer screw further out; the other peak is the image.

Where indicated by the word, "Rock", the variable should be rocked back and forth a degree or two while making the adjustment.

The alignment procedure should be repeated stage by stage, in the original order, for greatest accuracy. Always keep the output from the test oscillator at its lowest possible value to make the AVC action of the receiver ineffective.

