

ALIGNMENT PROCEDURE

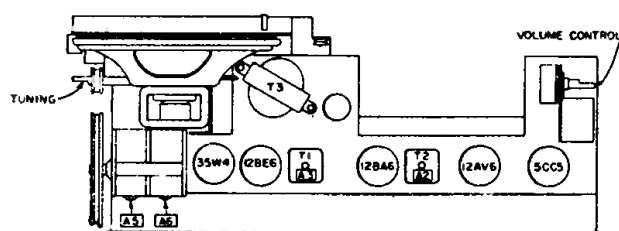
PRELIMINARY:

Output meter connection Across speaker voice coil
 Output meter reading to indicate 500 milliwatts (standard output)... 1.26 volts
 Connection of generator ground lead Floating ground
 Generator modulation 30% 400 cycles
 Position of Volume Control Fully clockwise

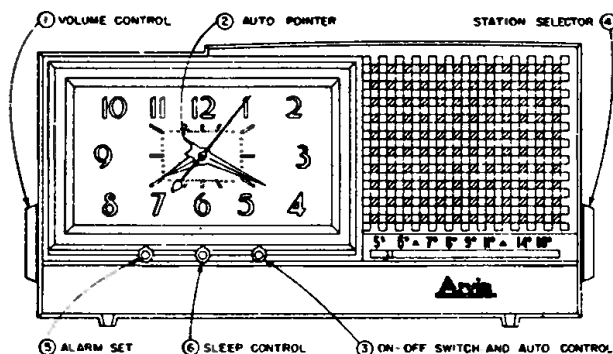
Position of Variable	Frequency of Generator	Dummy Antenna	Generator Output Connection	Trimmers Adjusted in Order Shown for Maximum Output	Function of Trimmer
Open	455 Kc	.05 μ fd	Pin 7 12BE6	A1, A2, A3, A4	I. F.
Open	1650 Kc		* Test Loop	A5	Oscillator
1400	1400 Kc		* Test Loop	A6	Antenna
1000	1000 Kc		* Test Loop	Fan C1A Plates	
600	600 Kc		* Test Loop	Fan C1A Plates	

* Standard Hazeltine Test Loop Model 1150 or 3 turns of wire about 6" in diameter placed about one foot from the set loop.

The alignment procedure should be repeated in the original order for greatest accuracy.



TUBE LAYOUT



APPROXIMATE INPUT FOR 500 MILLIWATTS OUTPUT (1.26 VOLTS ACROSS VOICE COIL) 30% MODULATION AT 400 C.P.S.

GENERATOR THROUGH STANDARD LOOP 700 μ V / M AT 1000 KC

GENERATOR THROUGH OS. CONNECTED TO GRID 150 μ V AT 455 KC

GENERATOR THROUGH OS. CONNECTED TO GRID 4000 μ V AT 455 KC

