

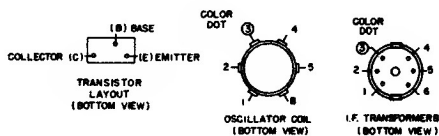
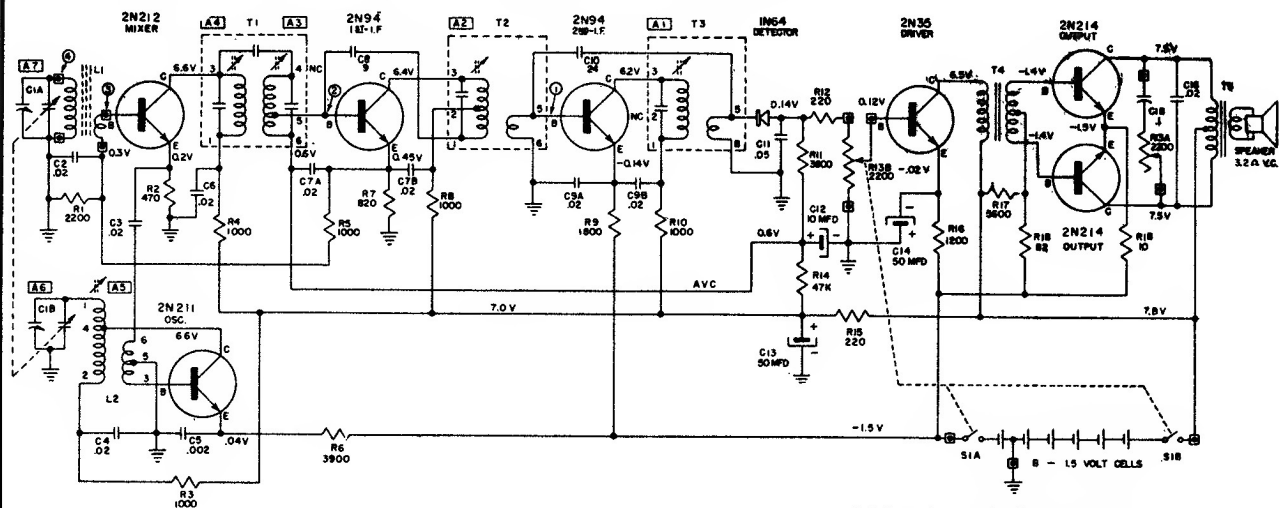
Output meter reading to indicate 50 milliwatts ..... 0.4V  
 Output meter connection ..... Across speaker voice coil  
 Connection of generator ground lead ..... Common Ground  
 Generator Modulation ..... 30% 40 cycles  
 Position of volume control ..... Fully Clockwise

Position of Variable	Generator Frequency	Dummy Antenna	Generator Connections	Trimmers Adj. in order shown for Max. Output	Function of Trimmer
Open	455 Kc	.05 $\mu$ f	C1A	A1, 2, 3, 4	I.F. Oscillator Antenna
Open	1670 Kc		*Test Loop	A6	
1400Kc	1400 Kc		*Test Loop	A7	
600Kc	600 Kc		*Test Loop	Check Point	

\*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. Always keep the output from the signal generator at its lowest possible value to make the AVC action of the receiver ineffective.

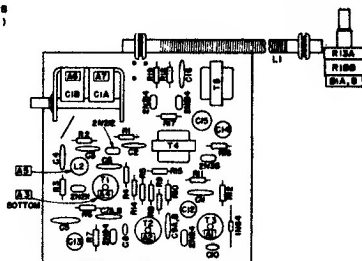
**WARNING:** Since a DC voltage exists across the oscillator section (C1B) of the variable capacitor, it is recommended that the plates in this section not be adjusted unless absolutely necessary for calibration purposes.



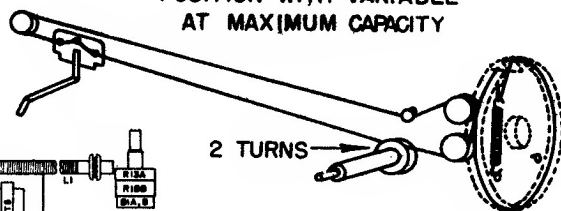
RESISTANCE VALUES ARE IN OHMS; K = 1000.  
 CAPACITANCE VALUES LESS THAN 10 ARE IN MICROFARADS (10<sup>-6</sup>), AND VALUES GREATER THAN 10 ARE IN MICRO - MICROFARADS (10<sup>-12</sup>). EXCEPT WHERE NOTED.  
 VOLTAGE READINGS TO COMMON GROUND ARE MEASURED WITH VACUUM TUBE VOLTMETER UNDER NO SIGNAL CONDITIONS WITH TUNING CAPACITOR CLOSED AND VOLUME CONTROL AT MAXIMUM CLOCKWISE ROTATION.

⊕ COMMON GROUND SYMBOL.

□ EXTERNAL CONNECTION TO PRINTED CIRCUIT



POSITION WITH VARIABLE AT MAXIMUM CAPACITY



SIGNAL TEST POINT	TEST FREQUENCY	SERIES CAPACITOR TO GENERATOR	INPUT FOR 50 MWT OUTPUT (0.4V ACROSS VC)
①	455 KC	.05 UF	1500 UV
②	455 KC	.05 UF	6.5 UV
③	455 KC	.05 UF	4.5 UV
④	1000 KC	STANDARD LOOP	250 UV