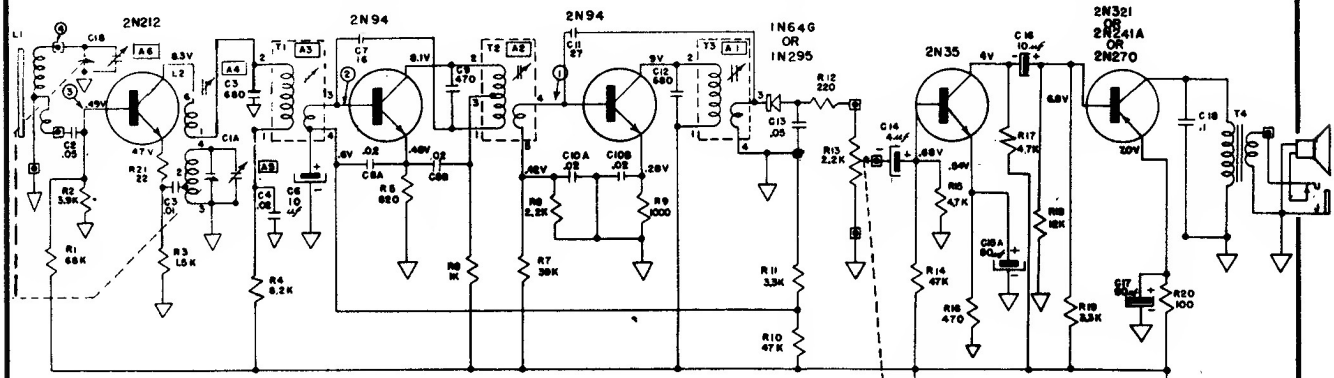
ARVIN INDUSTRIES RADIO MODEL 8576, CHASSIS 1.41400



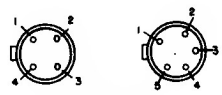
RESISTANCE VALUES ARE IN OHMS, K = 1000

CAPACITANCE VALUES LESS THAN 1.0 ARE IN MICROFARADS (μf), AND VALUES GREATER THAN 1.0 ARE IN MICRO-MICROFARADS (μμf) EXCEPT WHERE NOTED

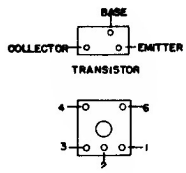
VOLTAGE READINGS TO COMMON GROUND ARE MEASURED WITH VACUUM TUBE VOLTMETER UNDER NO SIGNAL CONDITIONS WITH TUNING CAPACITOR CLOSED AND VOLUME CONTROL AT MAXIMUM CLOCKWISE ROTATION

⏚—COMMON GROUND SYMBOL.

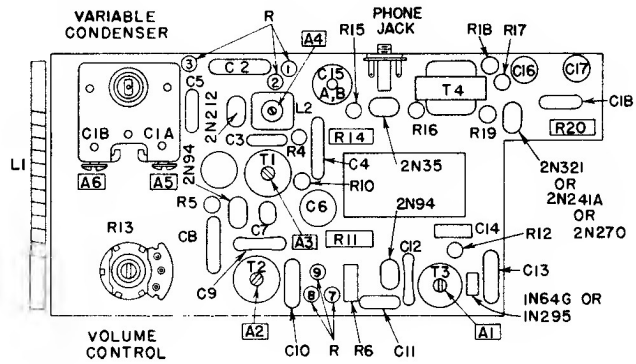
▣—EXTERNAL CONNECTION TO PRINTED CIRCUIT



I F TRANSFORMER BASE (BOTTOM VIEWS)



SIGNAL TEST POINT	TEST FREQUENCY	SERIES CAPACITOR TO GENERATOR	INPUT FOR .02 WATT OUTPUT (0.5 V ACROSS VC)
①	455 KC	.05 μf	4 μv
②	455KC	.05 μf	70 μv
③	455KC	.05 μf	2000 μv
④	1000 KC	STANDARD LOOP	300 μv



ALIGNMENT PROCEDURE

PRELIMINARY

Output meter reading to indicate 20 milliwatts 0.5V
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 μf	C1B	A1, 2, 3, 4	I. F.
Open	1670 Kc		*Test Loop	A5	Oscillator
1400 Kc	1400 Kc		*Test Loop	A6	Antenna
600 Kc	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.