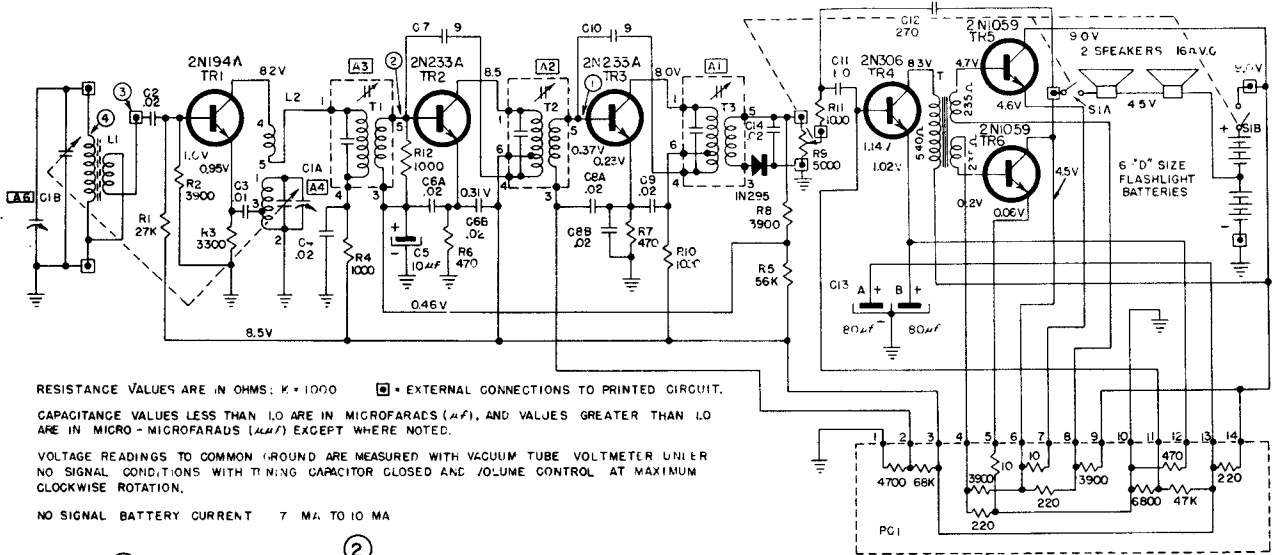
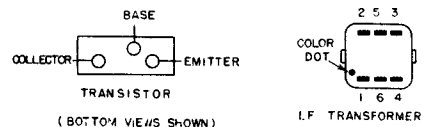
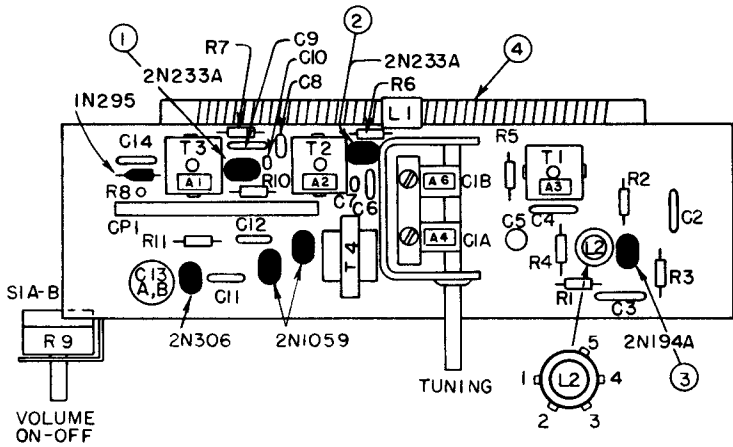


ARVIN Industries Model 2598, Chassis 1.47900



RESISTANCE VALUES ARE IN OHMS: K = 1000 □ = EXTERNAL CONNECTIONS TO PRINTED CIRCUIT.
 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.
 NO SIGNAL BATTERY CURRENT 7 MA. TO 10 MA.



SIGNAL TEST POINT	TEST FREQUENCY	SERIES CAPACITOR TO GENERATOR	INPUT FOR 50MW OUTPUT (1.27 V ACROSS 32Ω)
1	455 KC	.05 μf	3000 μV
2	455 KC	.05 μf	80 μV
3	455 KC	.05 μf	6 μV
4	1000 KC	STANDARD LCOP	250 μV/m

ALIGNMENT PROCEDURE

- Output meter reading to indicate 50 milliwatts 1.27 V
- Output meter connection..... Across speaker voice coils
- Connection of generator ground lead..... Common Ground
- Generator Modulation..... 30% 400 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 (Top of T3) A2 (Top of T2) A3 (Top of T1)	I. F. I. F. I. F.
Open	1670 Kc		*Test Loop	A4	Oscillator Antenna
1400 Kc	1400 Kc		*Test Loop	A6	
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.