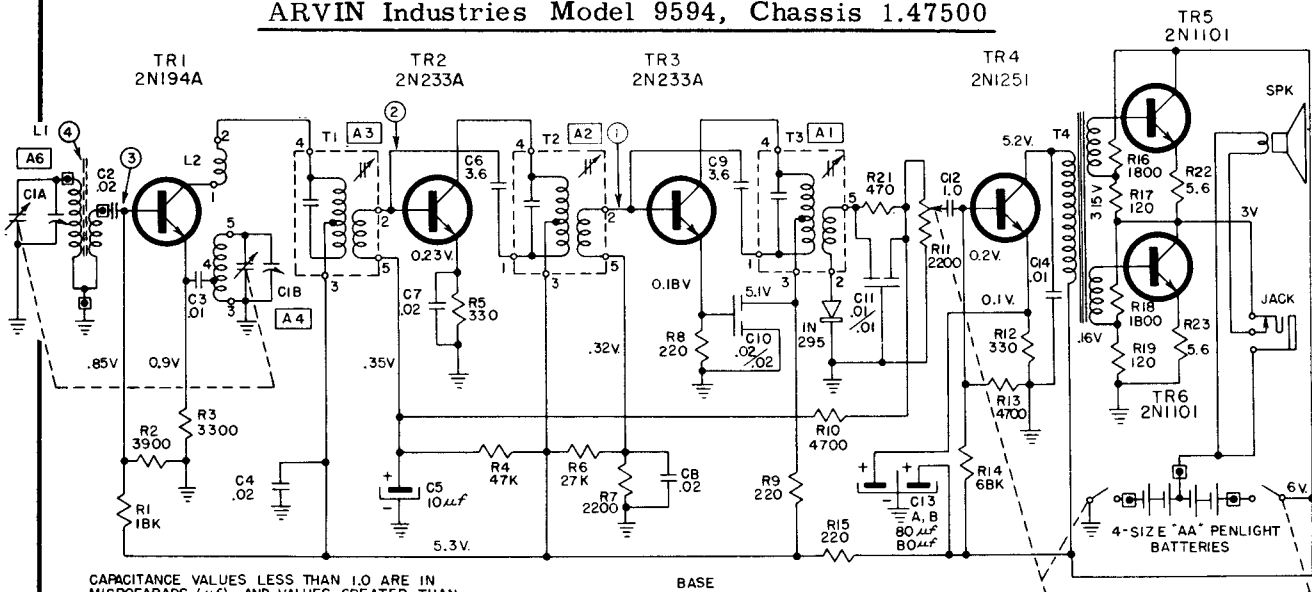


ARVIN Industries Model 9594, Chassis 1.47500

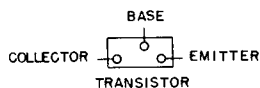


CAPACITANCE VALUES LESS THAN 1.0 ARE IN MICROFARADS (μf), AND VALUES GREATER THAN 1.0 ARE IN MICRO-MICROFARADS ($\mu\mu f$) EXCEPT WHERE NOTED.

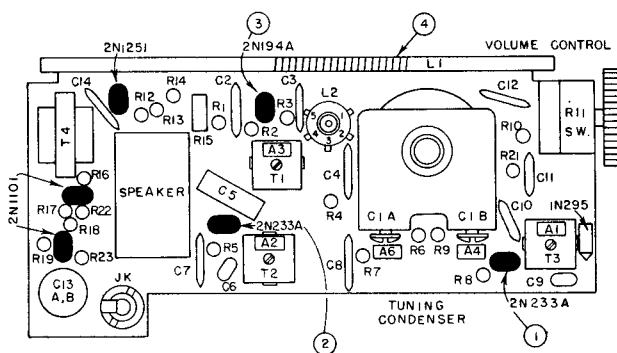
VOLTAGE READINGS TO COMMON GROUND ARE MEASURED WITH VACUUM TUBE VOLTMETER UNDER NO SIGNAL CONDITIONS WITH TUNING CAPACITOR CLOSED AND VOLUME CONTROL AT MAXIMUM CLOCKWISE ROTATION.

RESISTANCE VALUES ARE IN OHMS; K=1000.

★ COMMON GROUND SYMBOL.
 □ EXTERNAL CONNECTION TO PRINTED CIRCUIT.
 TOTAL BATTERY CURRENT DRAIN UNDER NO SIGNAL CONDITIONS, 7 TO 11 MA.



SIGNAL TEST POINTS	TEST FREQUENCY	SERIES CAPACITOR TO GENERATOR	INPUT FOR 5MW OUTPUT (47V. ACROSS 45 Ω)
①	455 KC	.05 μf	1500 μV
②	455 KC	.05 μf	60 μV
③	455 KC	.05 μf	10 μV
④	1000 KC	STANDARD LOOP	350 $\mu V/M$



ALIGNMENT PROCEDURE

Output meter connected across voice coil. Generator ground lead connected to common ground. Generator modulation 30%, 400 cycles. Position of volume and tone controls maximum 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	C1A	A1 (Top of T3) A2 (Top of T2) A3 (Top of T1)	I. F. I. F. I. F.
Open	1400 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.