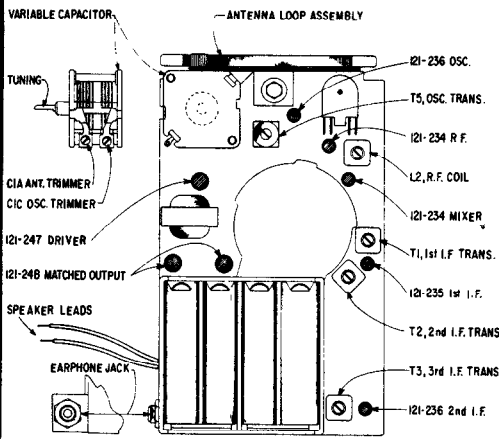
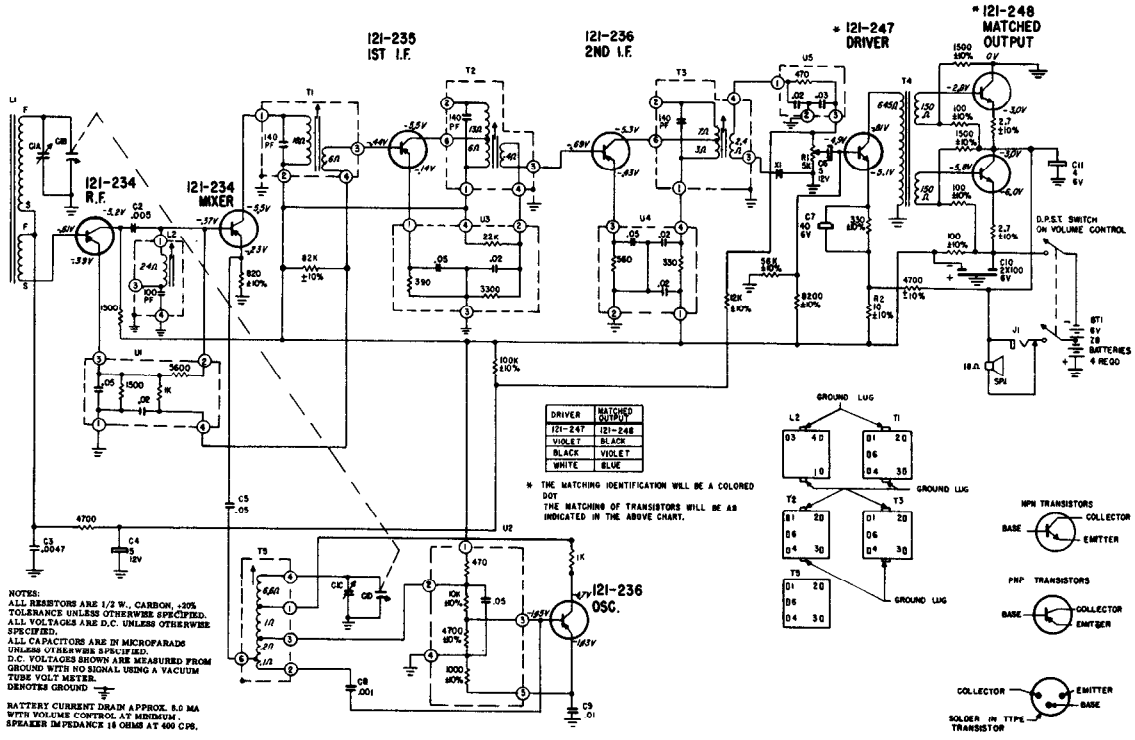


ZENITH RADIO CHASSIS 8LT40ZI MODEL "ROYAL 500H-1"

(Continued on the next page, at right)



TRANSISTOR & TRIMMER LAYOUT

ALIGNMENT PROCEDURE

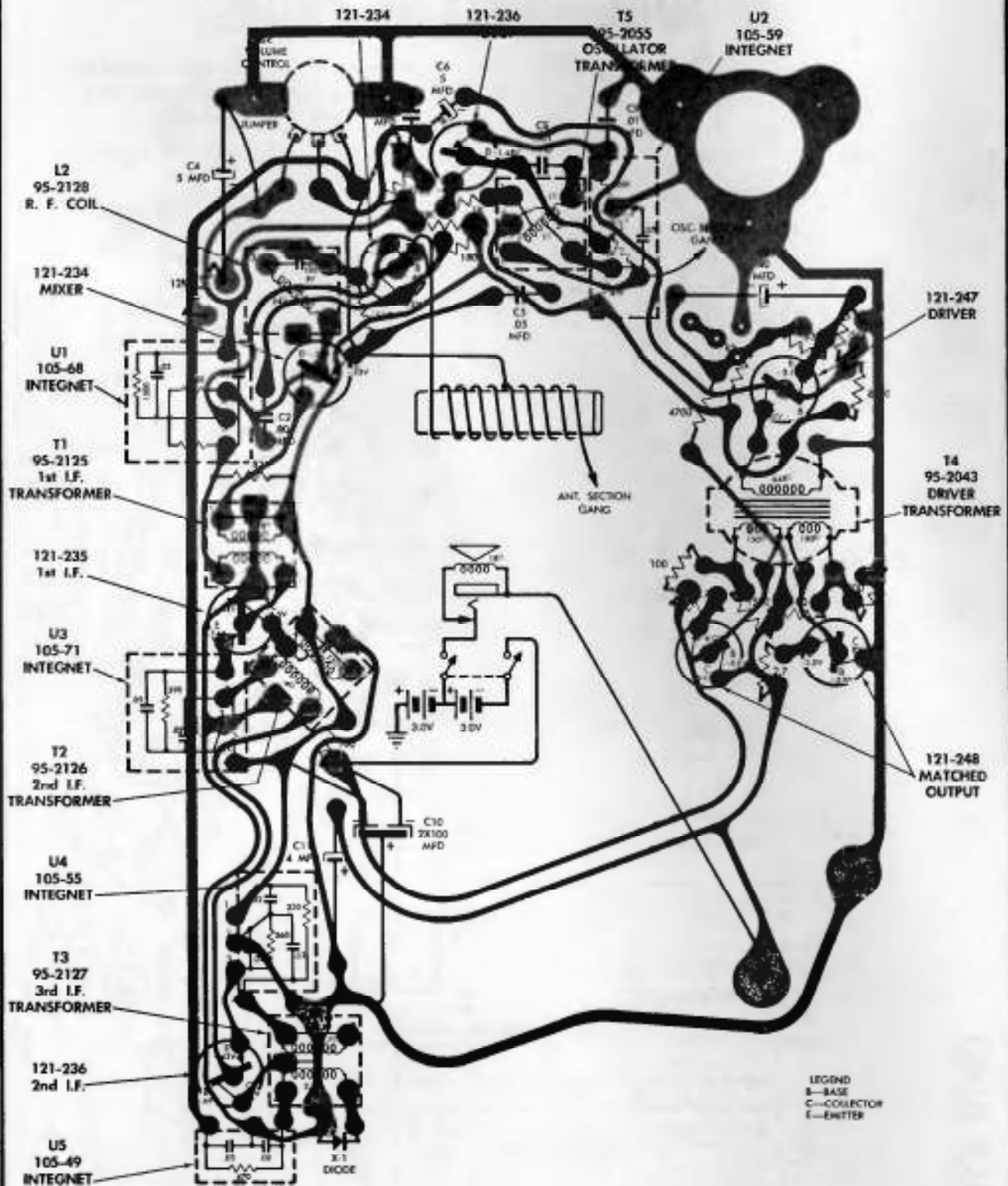
Operation	Input Signal Frequency	Connect Inner Conductor From Oscillator To	Set Dial At	Trimmers	Purpose	
1	455 KC	ONE TURN LOOSELY COUPLED TO THE ANTENNA	600 KC	Adj. T1, T2, T3 for Maximum output	For I.F. Alignment	
2	455 KC		600 KC	Adj. L2 for Minimum output	Tune Trap to IF Frequency	
3	1620 KC		Gang Wideopen	C1C	Set Oscillator To Dial Scale	
4	600 KC		Near 600	Adjust slug in T5	Adjust T5 for Maximum output while rocking gang. Tune T5 for Maximum output regardless of dial accuracy	
5	Repeat Steps 3 & 4					
6	1260 KC		1260 KC	C1A	Align Loop Antenna	

CHASSIS INFORMATION CHART

CHASSIS	PART NO.	R.F.	MIXER	OSC.	1ST I.F.	2ND I.F.	CRYSTAL DIODE DETECTOR	DRIVER	OUTPUT-OUTPUT	SUPPLIER
8LT40ZI	Zenith Type E.I.A.	12I-234 PNP GC282	12I-234 PNP GC282	12I-236 PNP GC284	12I-235 PNP GC284	12I-236 PNP GC284	103-19 or 103-44	12I-247 NPN GC608	12I-248 Pair NPN NPN GC609	Texas Instrument

VOLUME R-25, MOST-OFTEN-NEEDED 1965 RADIO SERVICING INFORMATION

ZENITH RADIO Model "Royal 500H-1" -- Chassis 8LT40Z1
 (Continued from preceding page, at left)



CHASSIS, WIRING AND COMPONENTS

VIEWED FROM WIRING SIDE