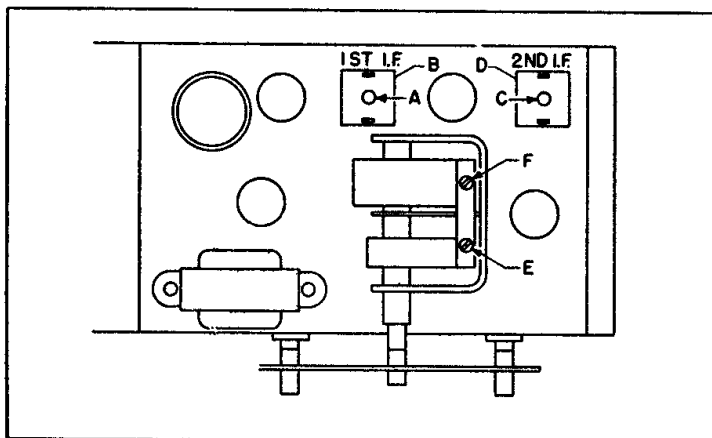


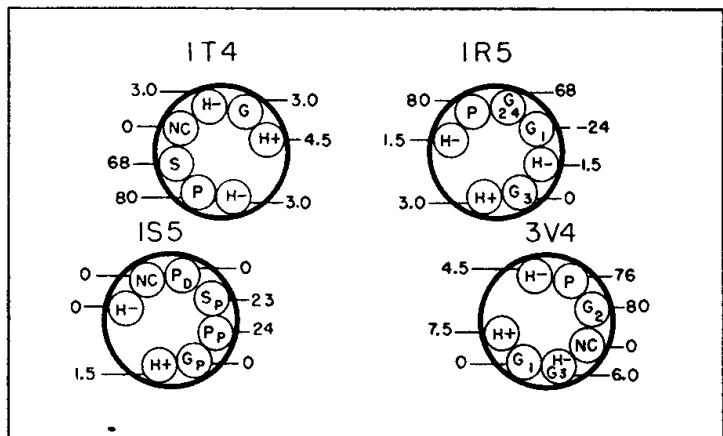
### ALIGNMENT CHART

STEP	CONNECT TEST OSC. TO	TEST OSC. SETTING	POINTER SETTING	ADJUST FOR MAX. OUTPUT
1	Conv. Grid .01 Mfd. Dum. Ant.	455 KC	1620 KC	I.F. Trimmers A, B, C, D
2	Conv. Grid .01 Mfd. Dum. Ant.	1620 KC	1620 KC	Oscillator Trimmer E
3	*Standard Test Loop	1500 KC	1500 KC	Ant. Trimmer F
4	*Standard Test Loop	600 KC	600 KC	Loop
5	Repeat Step No. 3			

NOTE: Hazeltine Test Loop No. 1150 or equivalent.



### TRIMMER LOCATIONS



### TUBE VOLTAGE CHART

NOTE: VOLTAGES TAKEN FROM B— WITH V.T.V.M.—NO SIGNAL

### STAGE GAIN MEASUREMENTS

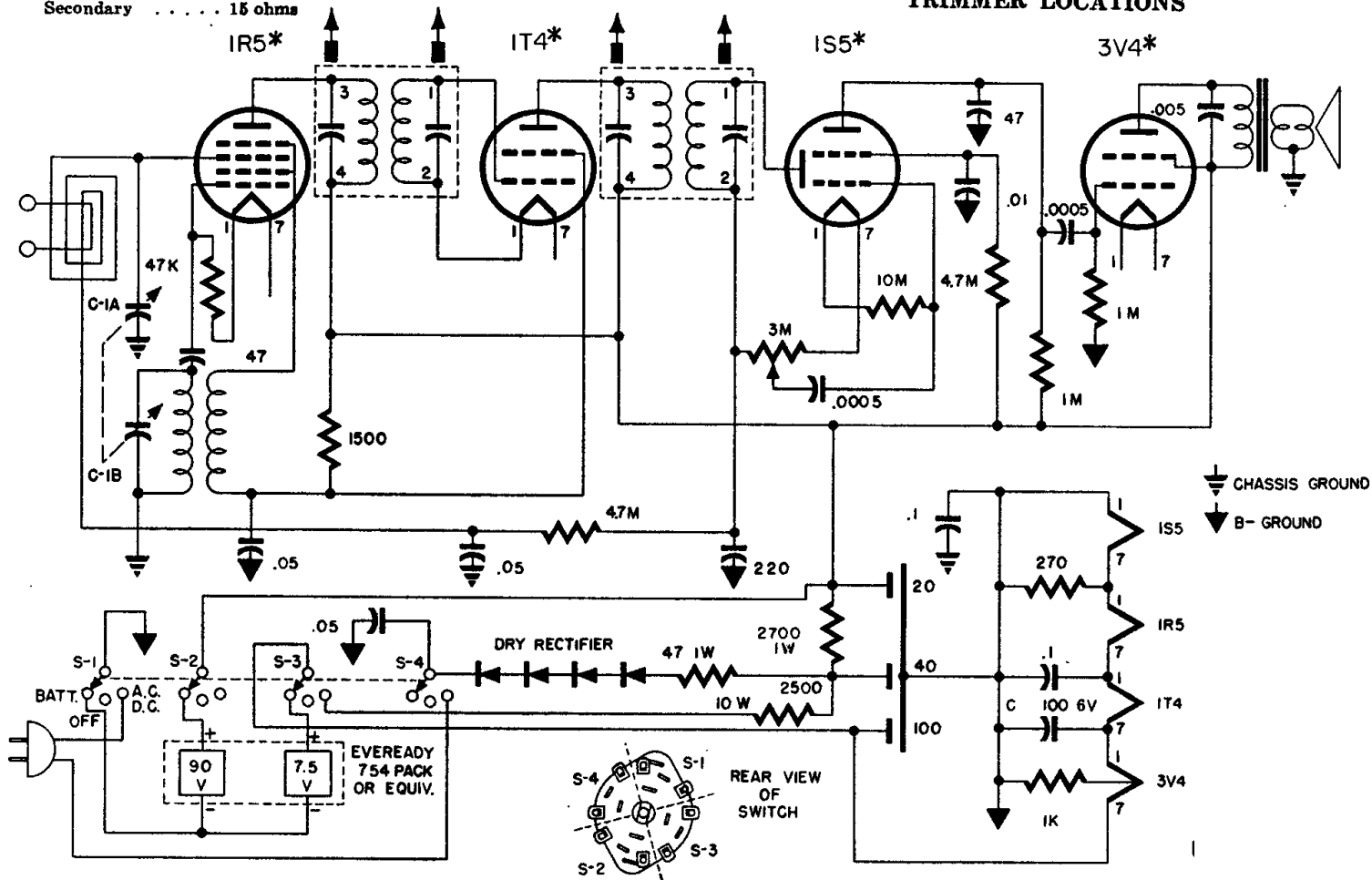
Standard Output . . . 50 mw  
 Dummy Antenna . . . .01 mfd.  
 Volume Control . . . Maximum  
 Converter grid to 1st I.F. grid . . . 51 X at 1000 KC  
 Converter grid to 1st I.F. grid . . . 65 X at 455 KC  
 1st I.F. grid to 2nd detector . . . 55 X at 455 KC  
 Overall audio gain . . . .014V at 185 grid — 100 mw output  
 400 cycles

### D.C. Resistance Measurements

**1st I.F. Coil**  
 Primary . . . . . 20 ohms  
 Secondary . . . . . 20 ohms

**Oscillator Coil**  
 Primary . . . . . 3 ohms  
 Secondary . . . . . 7 ohms

**2nd I.F. Coil**  
 Primary . . . . . 15 ohms  
 Secondary . . . . . 15 ohms



\* SUPPRESSOR GRIDS TIED INTERNALLY AND NOT SHOWN IN SCHEMATIC