

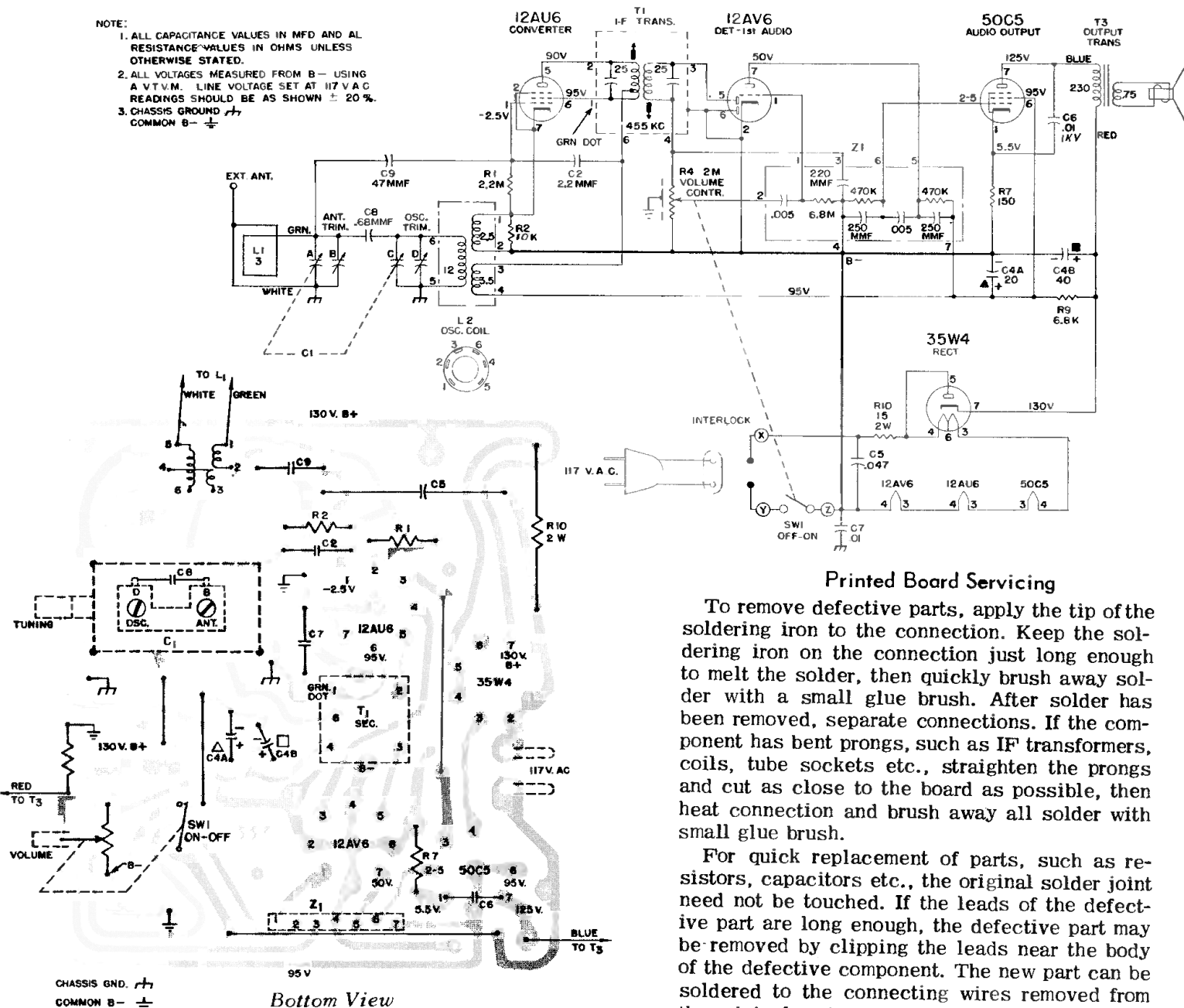
ALIGNMENT

While making the following adjustments, keep the volume control set for maximum output and the signal generator output attenuated to weakest useable signal level.

Step	Connect Signal Generator to —	Signal Generator Frequency	Radio Dial	Connect V.T.V.M. Across Voice Coil and Adjust for Maximum Output —
1	Stator of ant. tuning capacitor (A) through a 200 mmf capacitor	455 kc.	minimum capacity	Top and bottom slugs of T2 and T1 in order given
2	Radiated signal	1625 kc.	minimum capacity	Oscillator trimmer (D)
3	Radiated signal	1400 kc.	1400 kc.	Antenna trimmer (B)

NOTE:

1. ALL CAPACITANCE VALUES IN MFD AND ALL RESISTANCE VALUES IN OHMS UNLESS OTHERWISE STATED.
2. ALL VOLTAGES MEASURED FROM B- USING A V.T.V.M. LINE VOLTAGE SET AT 117 VAC READINGS SHOULD BE AS SHOWN $\pm 20\%$.
3. CHASSIS GROUND --- COMMON B- ---



Printed Board Servicing

To remove defective parts, apply the tip of the soldering iron to the connection. Keep the soldering iron on the connection just long enough to melt the solder, then quickly brush away solder with a small glue brush. After solder has been removed, separate connections. If the component has bent prongs, such as IF transformers, coils, tube sockets etc., straighten the prongs and cut as close to the board as possible, then heat connection and brush away all solder with small glue brush.

For quick replacement of parts, such as resistors, capacitors etc., the original solder joint need not be touched. If the leads of the defective part are long enough, the defective part may be removed by clipping the leads near the body of the defective component. The new part can be soldered to the connecting wires removed from the original part.

The printed board is held secure in the cabinet by a top and bottom channel molded into the cabinet. Located above the tuning shaft and concealed by the tuning knob is a single screw (No. 6/32-5/8") which mounts the printed board to the front of the cabinet.

To remove the printed board from the cabinet, remove the front control knobs then remove the screw mounting the printed board to the front of the cabinet. Remove the two self-tapping screws, interlock and back cover. The printed board can now be removed from the cabinet.