

SECTION VIII
(Contd)

- d. Tune the VFO dial to 1800 KC.
- e. Adjust the slug-in coil L-8 for zero beat with the receiver.
- f. Tune the VFO and receiver to 2.0 MC.
- g. Adjust trimmer condenser C-68 for zero beat with the receiver.
- h. Repeat steps c, d, e, f and g as many times as necessary until the 1800 KC and 2.0 MC points on the VFO dial correspond with these same points on the receiver.
- i. Place the VFO BANDSWITCH to the 40-10 M position.
- j. Tune the VFO and the receiver to 7.0 MC.
- k. Adjust the slug-in coil L-7 for zero beat with the receiver.
- l. Tune the VFO and receiver to 7.4 MC.
- m. Adjust trimmer condenser C-62 for zero beat with the receiver.
- n. Repeat steps j, k, l and m as many times as necessary to make the VFO track with the receiver.
- o. Place the VFO BANDSWITCH to the 20-15-11 M position.
- p. Tune the receiver to 7.1 MC and the VFO to 14.2 MC.
- q. Adjust trimmer condenser C-61 for zero beat with the receiver.

The VFO alignment is now completed. The VFO output coils should now be peaked for maximum drive to the crystal stage of the transmitter. Proceed as follows:

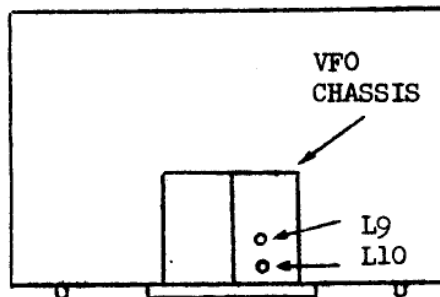


Figure 2 - Top View of Power Supply Section