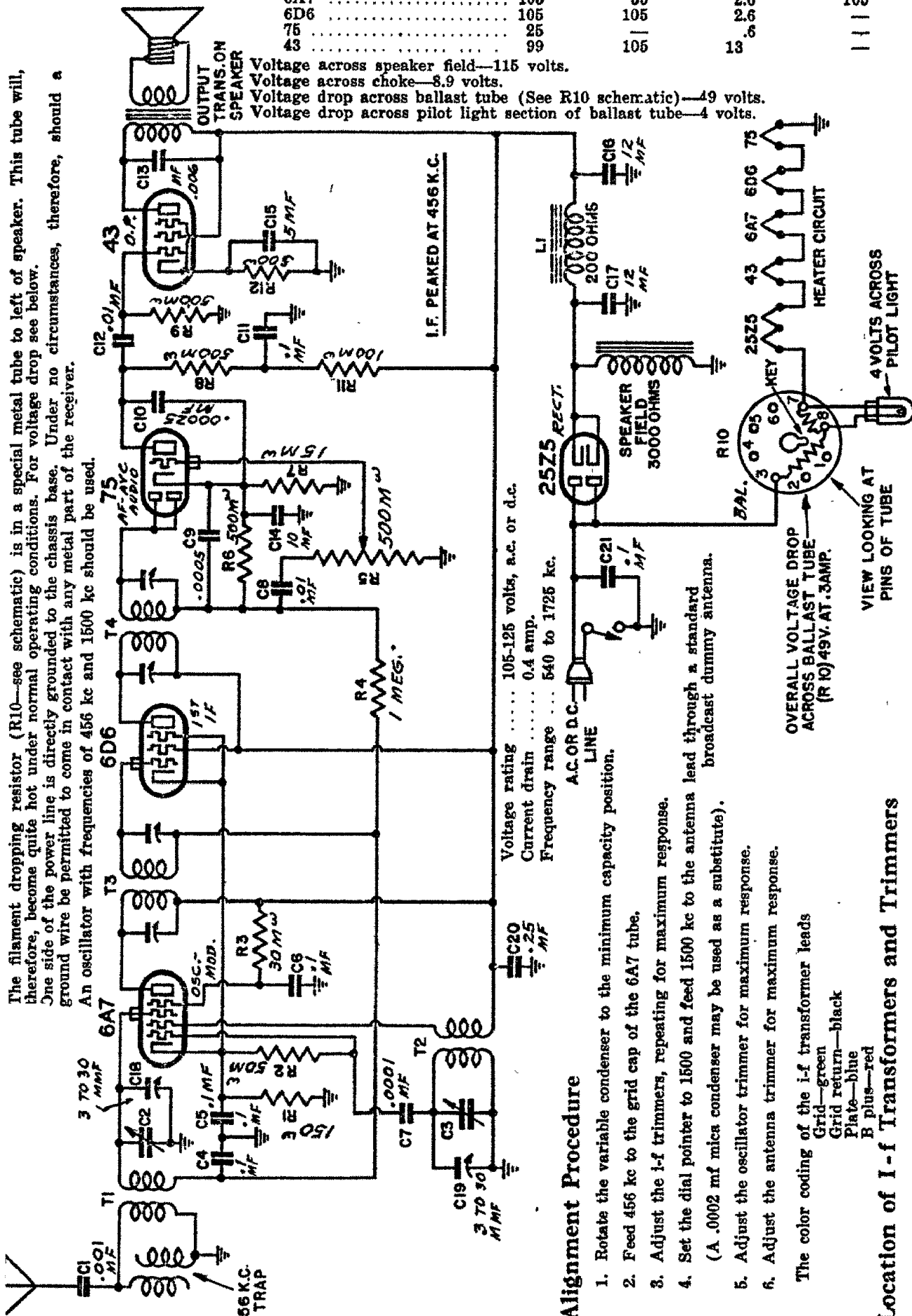


<i>Tube</i>	<i>Plate</i>	<i>Screen</i>	<i>Cathode</i>	<i>Osc. Plate</i>	<i>Fil.</i>
6A7	105	55	2.6	105	6.3
6D6	105	105	2.6	—	6.3
75	25	—	.8	—	6.3
43	99	105	13	—	25

Voltage across speaker field—115 volts.
Voltage across choke—8.9 volts.
Voltage drop across ballast tube (See R10 schematic)—49 volts.
Voltage drop across pilot light section of ballast tube—4 volts.



Alignment Procedure

1. Rotate the variable condenser to the minimum capacity position.
2. Feed 456 kc to the grid cap of the 6A7 tube.
3. Adjust the i-f trimmers, repeating for maximum response.
4. Set the dial pointer to 1500 and feed 1500 kc to the antenna (A .0002 mf mica condenser may be used as a substitute).
5. Adjust the oscillator trimmer for maximum response.
6. Adjust the antenna trimmer for maximum response.

The color coding of the i-f transformer leads

Location of I-f Transformers and Trimmers

The first i-f transformer, part number 3JT-294, is in an oblong coil can located on the top of the chassis near the right-hand end. The two trimmers for this i-f are accessible through holes in the top of the coil can.

The second i-f transformer, part number 3JT-295, is in an oblong coil can located on the top of the chassis directly behind the speaker. The two trimmers for this i-f are accessible through holes in the top of the coil can.

The oscillator and antenna trimmers are on a bakelite strip, mounted underneath the chassis on the right-hand wall. The two adjusting screws are available through holes in the chassis wall. The trimmer nearest the rear is the oscillator trimmer and the trimmer farthest from the rear is the antenna trimmer.