

### IF Alignment:

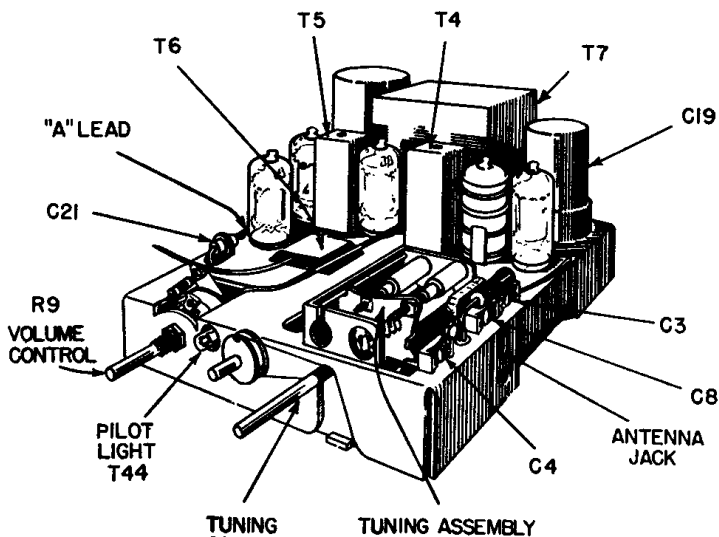
1. Connect the hot lead of the signal generator through a .10 mfd. capacitor to Pin 7 of the converter (6BE6) tube. Apply a 400 cycle, 30% modulated carrier of 455 KC at about 150 microvolts.

2. Set the volume control at maximum and adjust the top and bottom cores of the first and second IF transformers (T4 and T5) for maximum output, as indicated on the output meter. Keep signal generator level low.

### RF Alignment:

1. Set the signal generator to 1620 KC and turn tuning control fully counter-clockwise.

2. Adjust oscillator trimmer C8 for maximum deflection.



3. Disconnect the hot signal generator lead and .10 mfd capacitor and reconnect to the antenna jack through a 50 mmf capacitor.

4. Set the signal generator to 1300 KC and tune in the receiver for maximum reading on output meter. Keep signal generator level low.

5. Adjust antenna and R.F. trimmers C3 and C4 for maximum reading.

### DIAL CORD REPLACEMENT

1. Turn the tuning shaft counterclockwise until it reaches a stop. Then turn two (2) complete turns clockwise.

2. Place dial pulley in position shown in diagram. Lug pointing toward tuning shaft.

3. Insert dial cord through hole in tuning shaft and tie a knot as indicated.

4. Make three (3) complete turns around the tuning shaft in the direction indicated on either side of the knot and route to the dial pulley.

5. Make a three-quarter ( $\frac{3}{4}$ ) turn around the pulley in either direction and tie a knot around the lug as indicated.

