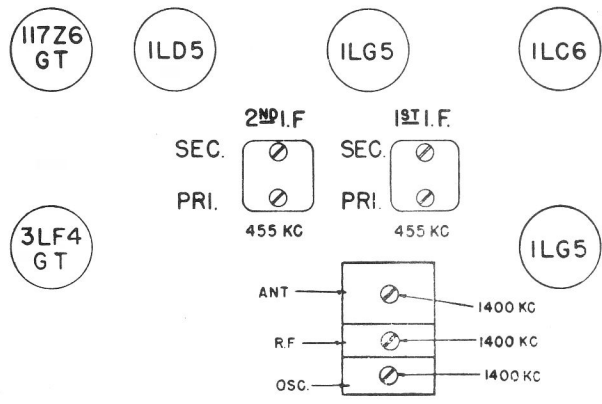
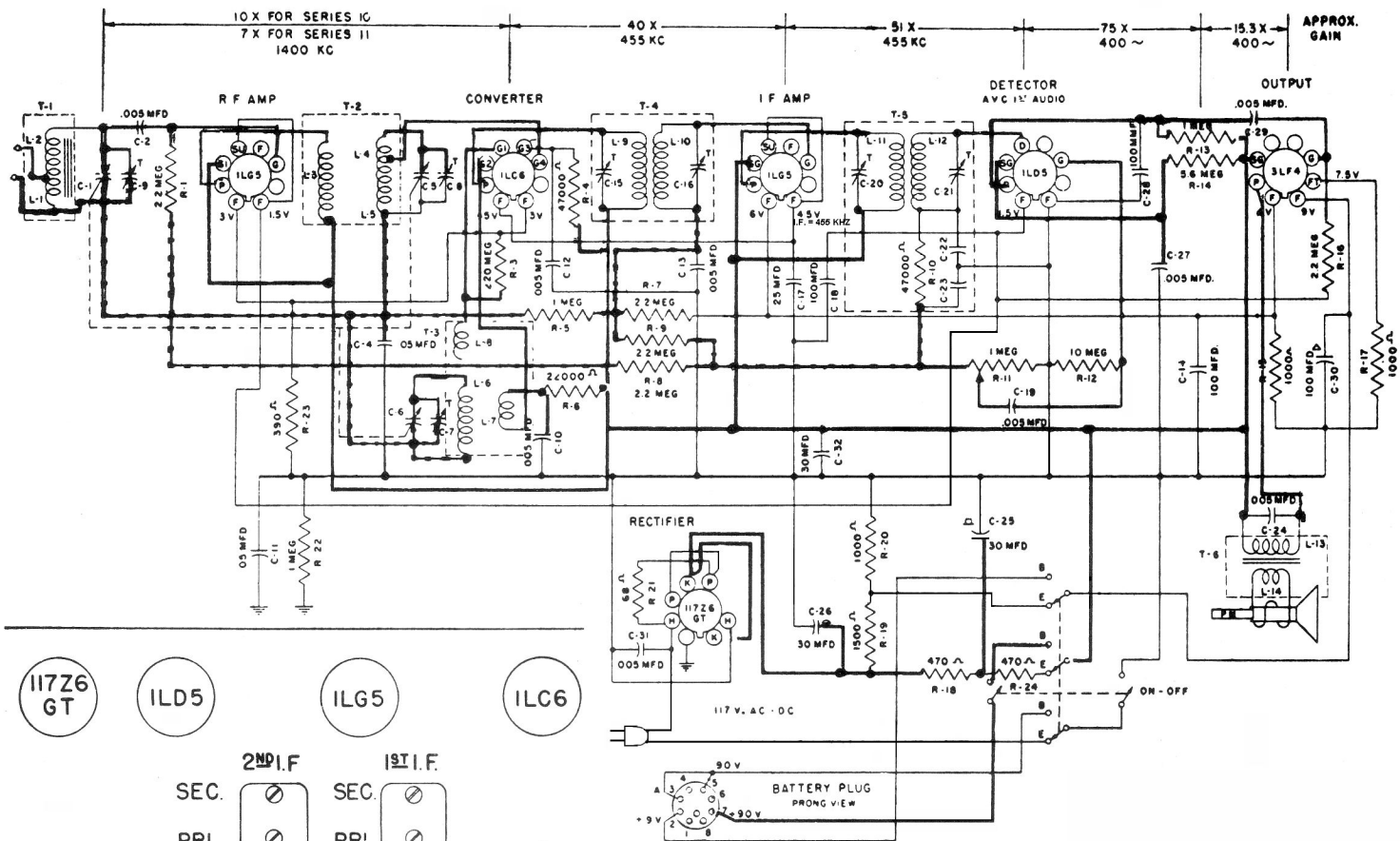
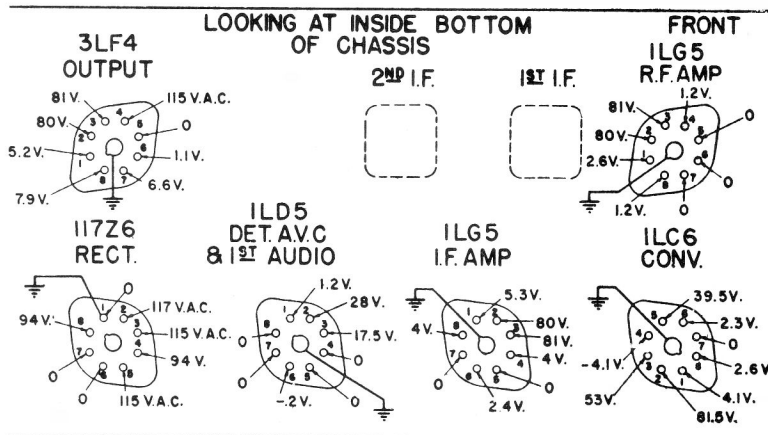


Stromberg-Carlson Model 1105 Schematic

Alignment Data, Chassis Layout, Etc.



TOP VIEW SHOWING TUBE LOCATION & TRIMMERS



ALIGNING

Never realign unless absolutely necessary.

Use a good signal generator modulated at 400 or 1000 cycles with variable output voltage. Use a sensitive output meter across the voice coil of the speaker. Always align using the smallest possible input from the signal generator. A strong signal makes adjustments approximate. Always have volume control full on.

Refer to Location Chart on page two for trimmer locations.

4. Adjust the I.F. aligners for maximum output in the following order:

- Secondary of second I.F. Transformer
- Primary of second I.F. Transformer
- Secondary of first I.F. Transformer
- Primary of first I.F. Transformer

Dial Pointer Adjustment

Align the two arrow pointers, located at the extreme ends of the dial, horizontal with respect to the chassis base.

Radio Frequency Adjustments

The built-in antenna should remain connected to the antenna and ground terminals of the receiver.

- Leave signal generator and radiating loop connected in same position as for I.F. Transformer.
- Set signal generator and receiver tuning dial to 1400 kilocycles. Arrow on dial scale indicates 1400 kilocycles.
- Adjust the oscillator, radio frequency and antenna trimmers for maximum output.
- Set both the signal generator's frequency and the receiver's tuning dial to 600 kilocycles and check calibration.

Note: If the calibration is off at 600 kilocycles, operations 2 and 3 may be repeated until the best results are obtained.

Aligning Procedure (follow this order exactly)

Intermediate Frequency Adjustments

The built-in loop should remain connected to the antenna and ground terminals. (or use a dummy loop).

- Turn the tuning control to the extreme low frequency position (Variable capacitor plates all the way in).
- Connect both signal generator leads to an 8 inch radiating loop (1 turn)

Place the radiating loop close to the antenna of the receiver. The antenna in the 1105 is built around the carrying case.

- Introduce a modulated signal of 455 KC to the radiating loop.

AC-DC & Battery Receiver Model 1105