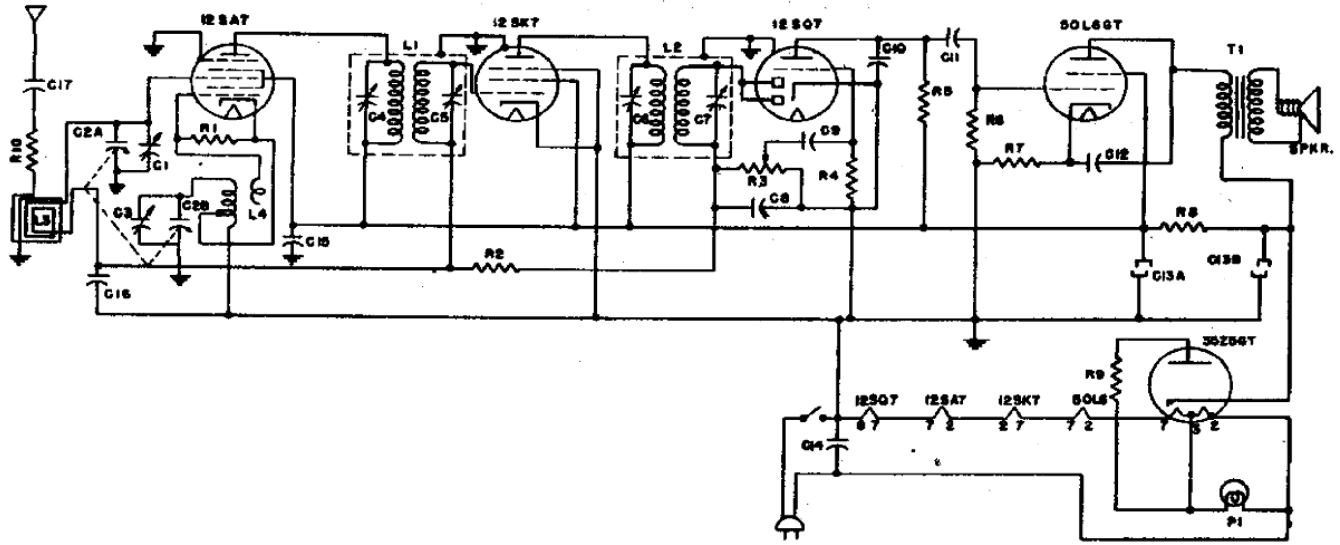


GENERAL ELECTRIC CO.

MODELS YRB67-1, YRB67-2, YRB82-1



ALIGNMENT PROCEDURE

ALIGNMENT FREQUENCIES

I.F.	455 KC
R.F.	1720 and 1500 KC

The location of all trimmers is shown in Fig. 1.

I. F. ALIGNMENT

Connect an output meter across the voice coil. Turn the volume control to maximum. Set test oscillator to 455 KC and keep the oscillator output as low as a readable meter reading will permit. Apply signal to the converter grid through a .05 mfd capacitor and align progressively the trimmers in the 2nd and 1st I.F. transformer cans.

R. F. ALIGNMENT

Apply the R.F. alignment signals through a standard I.R.E. dummy antenna to the receiver antenna post. With the gang condenser wide open, align the oscillator trimmer (C17B) to 1720 KC. Change the generator signal to 1500 KC, tune the receiver to the signal and peak the antenna trimmer (C17A) for maximum output.

PRECAUTION

If the signal generator is A-C operated, use an isolating transformer between the power supply and the radio receiver power input. The use of an isolating capacitor is not recommended, as A-C through the capacitor will introduce hum modulation and/or create the possibility of a burned-out signal generator attenuator.

OVERALL DIMENSIONS—YRB 82-1

Height.....	8 1/8"	YRB 67-1, 2	8 1/2"
Width.....	12 1/2"		13"
Depth.....	7"		6 1/8"

Rating: 105-125 volts DC
105-125 volts 40-60 cycles AC
28 watts at 117 volts

Tuning Frequency Range:540-1720 KC

Intermediate Frequency:455 KC

LOUDSPEAKER "ALNICO V" MAGNET DYNAMIC

Outside Cone Diameter.....	5 1/4"
Voice Coil Impedance (400 cyc).....	3.2 ohms

TUBES

Converter and Oscillator.....	12SA7
I.F. Amplifier.....	12SK7
Det. Audio, AVC.....	12SQ7
Power Output.....	50L6GT
Rectifier.....	35Z5GT
Pilot Lamp.....	GE 51

GENERAL INFORMATION

Models YRB 67-1 and 67-2 are 5 tube (including rectifier) superheterodyne receivers in distinctively styled wood cabinets; Model YRB 82-1 is a rich brown plastic cabinet. These receivers incorporate built-in antenna, automatic volume control, oversize permanent magnet speaker and beam power output.

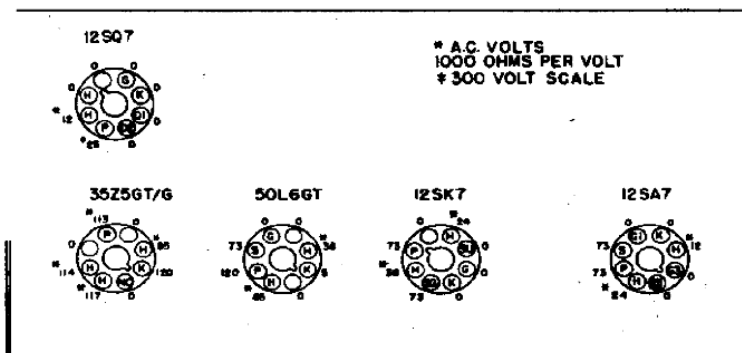


Fig. 2. Socket Voltage Diagram

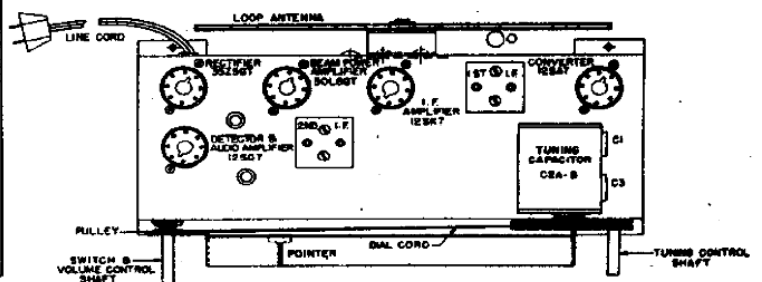


Fig. 1. Tube and Trimmer Location