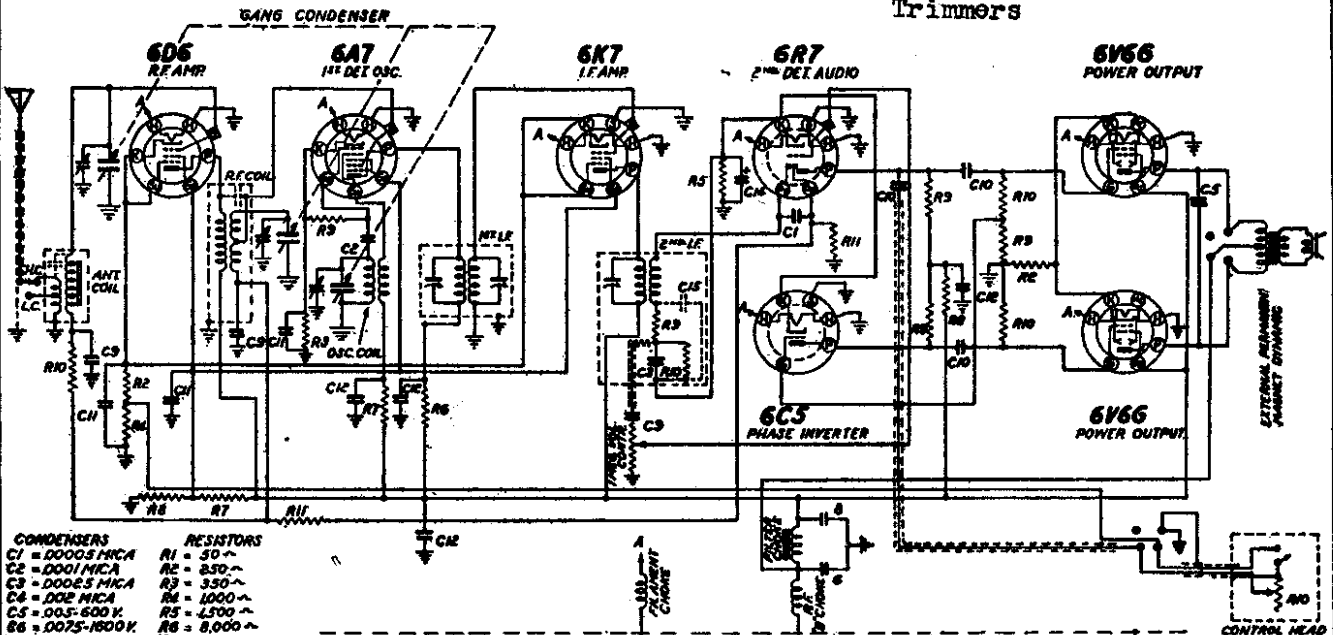


ALLIED RADIO CORP.

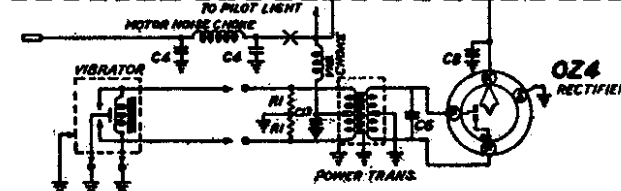
MODEL A-9784

Chassis B-8

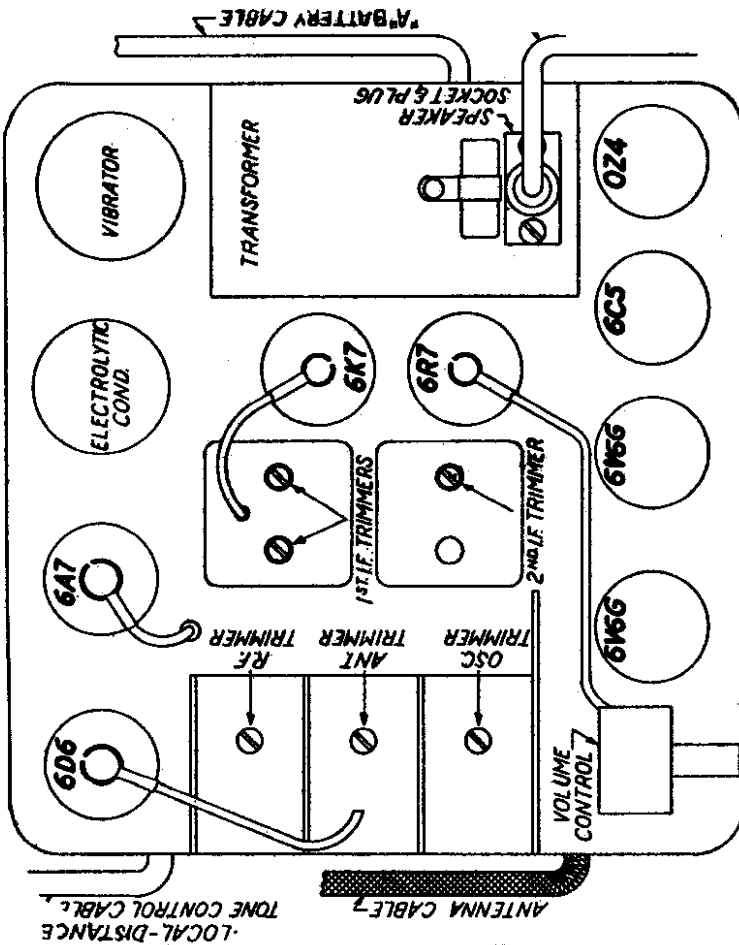
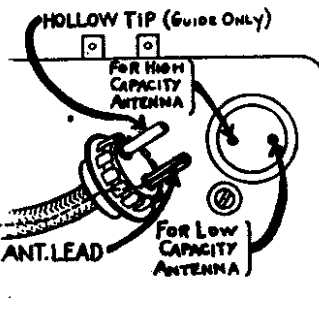
Schematic, Socket, Alignment
Trimmers



- | CONDENSERS | | RESISTORS | |
|--------------------|--------------------------|-----------------------|--|
| C1 = .0005 MICA | R1 = 50 Ω | R2 = 250 Ω | |
| C2 = .001 MICA | R3 = 350 Ω | R4 = 1000 Ω | |
| C3 = .0005 MICA | R5 = 1500 Ω | R6 = 8,000 Ω | |
| C4 = .001 MICA | R7 = 15,000 Ω | R8 = 20,000 Ω | |
| C5 = .005-600 V. | R9 = 30,000 Ω | RK = 250,000 Ω | |
| C6 = .0075-1600 K. | R10 = 1,000,000 Ω | | |
| C7 = .01-200 K. | | | |
| C8 = .01-800 V. | | | |
| C9 = .05-200 K. | | | |
| C10 = .05-400 K. | | | |
| C11 = .1-200 V. | | | |
| C12 = .1-400 V. | | | |
| C13 = .5-50 K. | | | |
| C14 = 5 ELEC. | | | |
| C15 = .0005 MFD. | | | |
- CAPACITY WINDOWS



IF PEAK 175 KC.



ALIGNMENT

I.F. ALIGNMENT. Adjust the test oscillator to 175 K.C. and connect the output directly to the grid of the first detector tube (6A7), without the use of any series condenser or resistor; the omission of series condenser and resistor to block out the AVC action. The ground on the test oscillator can be connected to the chassis ground. Align the trimmers of the first and second I.F. transformers to peak or maximum reading on the output meter.

OSCILLATOR ALIGNMENT. Adjust the test oscillator to 1400 K.C. and connect the output to the antenna through a .0001 mfd. mica condenser to give the equivalent of a low capacity type average auto antenna. Set the dial pointer to 1400 K.C. and adjust the oscillator trimmer to peak. (Front section of gang condenser.)

R.F. ALIGNMENT. The next step is to adjust the center and rear trimmers of the gang condenser to peak. The center section of the gang condenser tunes the antenna amplifier stage (6D6 tube), and the rear condenser section tunes the detector grid coil of the 6A7 tube.