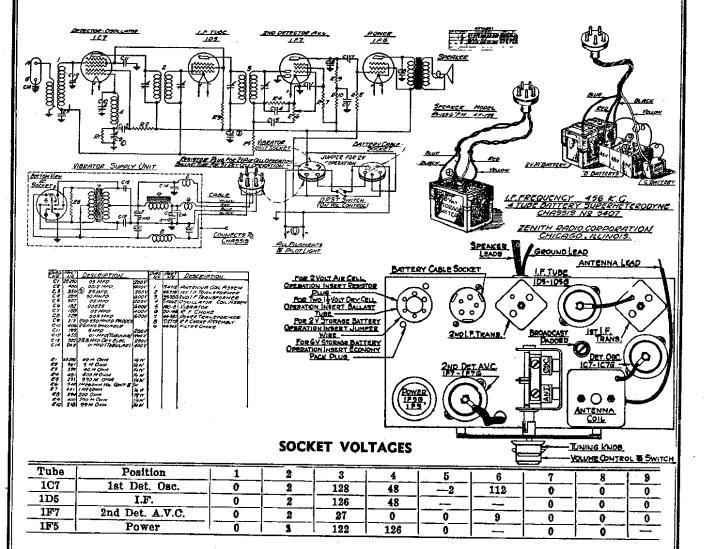
MODEL 4F133 Chassis 5407 Schematic, Voltage Socket, Trimmers Alignment, Parts Battery Conn.

## ZENITH RADIO CORP.



All voltages measured with a 1000 ohm per volt D.C. meter and using the Zenith 6 V Economy Pack—Antenna and ground disconnected.

Battery Voltage-6.3 V.

Battery Drain-.98 amp. ALIGNMENT

Connect the output leads of the signal generator to the grid of the first detector and receiver ground lead. Also connect an output meter across the speaker leads.

Set the signal generator at 456 K.C. and carefully adjust the four I.F. trimmers to the point giving the greatest output reading. These I.F. transformers are of a very high gain, selective type, and the adjustments should be repeated several times for greatest accuracy.

Change the signal generator leads to the antenna and ground terminals of the receiver.

Set the signal generator at 1400 K.C. Set the pointer on the receiver dial at the same frequency.

First adjust the oscillator and then the detector trimmers on the gang condenser to the point giving the maximum reading on the output meter, using as small a signal from the generator as possible so as to prevent the A.V.C. action from affecting the output readings.

Reset the signal generator to 600 K.C.

Slowly rock the pointer past 600 K.C. on dial meanwhile adjusting the osc. padder (located in rear of gang condenser) to the combination giving the greatest output reading.

Repeat operation No. 4.

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