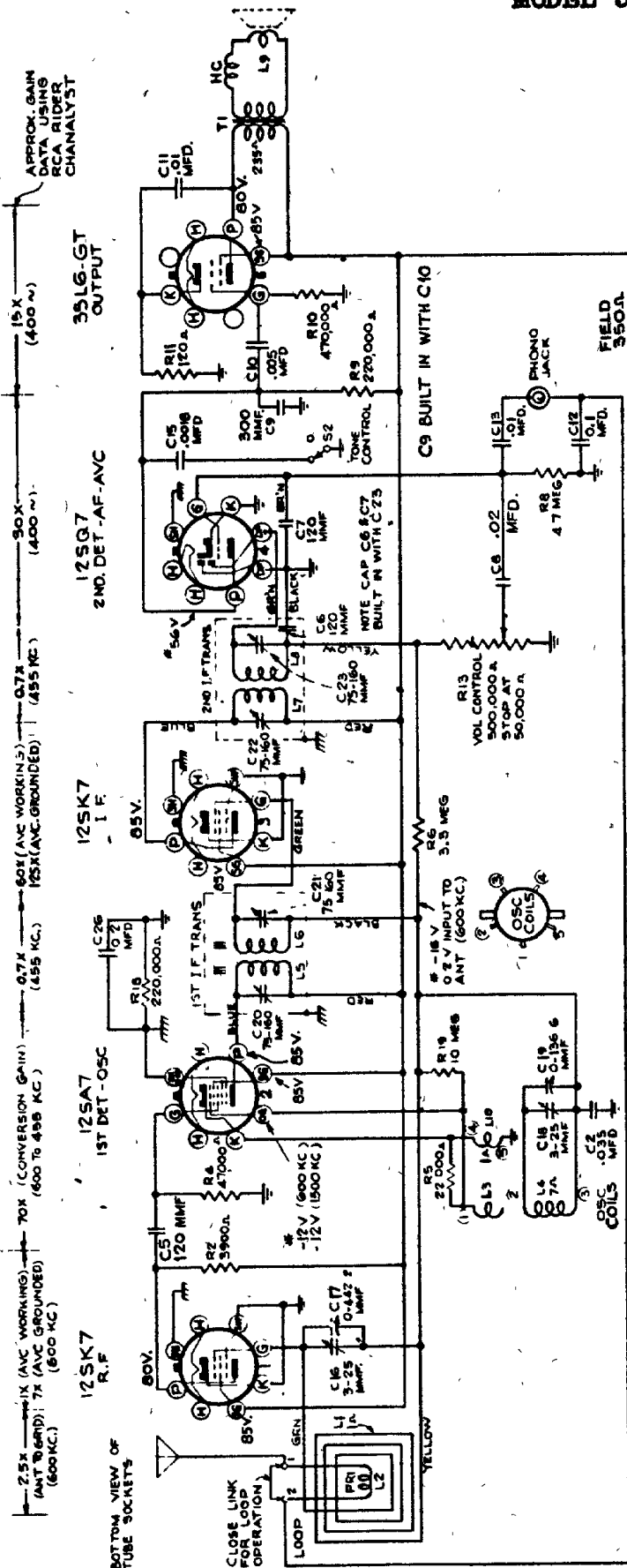


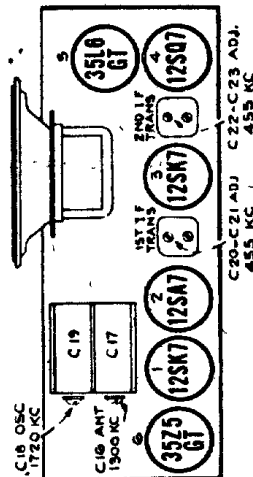
RCA MFG. CO., INC.

MODEL 36X, Ch. RC-462A



VOLTAGES SHOULD HOLD WITHIN
± 20% WITH 117V AC SUPPLY
* MEASURED WITH CHANNELYST
OR VOLTOHMYST

INDICATES COMMON
WIRING INSULATED
FROM CHASSIS
INDICATES
CHASSIS GROUND



Steps	Connect the high side of test-osc. to—	Turn radio to—	Adjust the following for maximum peak output
1	12SK7 I-F grid, in series with .1 mfd. capacitor	Quiet	C23, C28 2nd I-F transformer
2	1st det. series with .1 mfd. capacitor	Ant 1,700 kc	C19, C20 1st I-F transformer
3	12SQ7 R-F grid, in series with 0.1 mfd. capacitor	71 kc	C18 (osc.)
4	Radiated signal 1,300 kc	Signal frequency	C16 (ant.)
5	Repeat steps 3 and 4		

POWER SUPPLY RATING

105-125 volts, AC, 50 or 60 cycles, or DC..... 30 watts

PILOT LAMP Mazda No. 51, 6-8 volts, 0.2 amp.

Output Meter Alignment.—If this method is used, connect the meter across the voice coil, and turn the receiver volume control to maximum.

Test-Oscillator.—For all alignment operations, keep the output as low as possible to avoid a-v-c action.

Precautionary Lead Dress:

- .01 mfd. capacitor from output plate to cathode to be dressed as far as possible away from .015 mfd. 1st audio grid condenser and volume control terminals to eliminate audio howl.
- Filament lead to pin No. 7 on 85L6-GT socket to be dressed away from 1st audio grid.
- Dress B+ lead on 12SK7 I.F. socket across bottom of socket between grid and plate contacts to aid reduction of grid plate capacitance.
- Dress excess lead lengths of I.F. transformer, grid and plate leads into cans to aid shielding.
- Dress filament leads of 85L6-GT around 12SQ7 socket and into chassis corner to reduce hum.

FREQUENCY RANGE.....535-1,720 kc
INTERMEDIA FREQUENCY.....455 kc

POWER OUTP
Undistorted 0.9 watts
Maximum 1.4 watts

LOUDSPEAKER
Type..... permanent-magnet dynamic
V.C. Impedance..... 4 ohms at 400 cycles