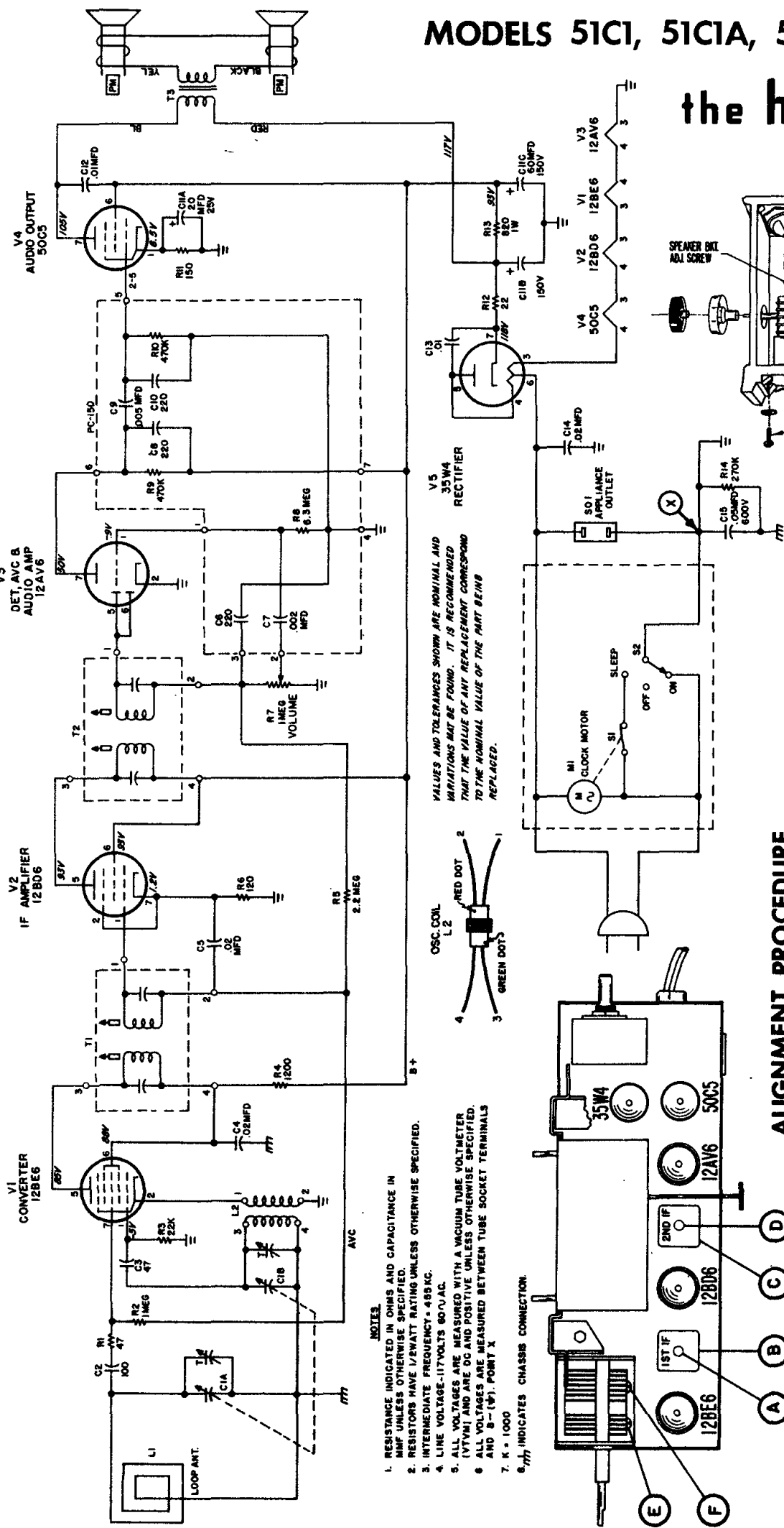


# MODELS 51C1, 51C1A, 51C2 & 51C2A

## the hallicrafters



- NOTES**
1. RESISTANCE INDICATED IN OHMS AND CAPACITANCE IN MMF UNLESS OTHERWISE SPECIFIED.
  2. RESISTORS HAVE 1/2WATT RATING UNLESS OTHERWISE SPECIFIED.
  3. INTERMEDIATE FREQUENCY - 455 KC.
  4. LINE VOLTAGE - 117 VOLTS 60/VA.C.
  5. ALL VOLTAGES ARE MEASURED WITH A VACUUM TUBE VOLTMETER (VTVM) AND ARE DC AND POSITIVE UNLESS OTHERWISE SPECIFIED.
  6. ALL VOLTAGES ARE MEASURED BETWEEN TUBE SOCKET TERMINALS AND B - (-) POINT X.
  7. K = 1000
  8.  $\text{m}$  INDICATES CHASSIS CONNECTION.

### ALIGNMENT PROCEDURE

Step	Signal Generator Connections	Generator Frequency	Receiver Dial Setting	Adjust
1	High side thru .1 mfd. capacitor to stator plates of oscillator section of tuning gang. Low side to B- (-) (point X).	455 KC	1000 KC	A-B (1st IF) and C-D (2nd IF)
2	Construct a loop of a few turns of wire and connect it to the signal generator. Loosely couple this loop to the loop antenna of the receiver.	1620 KC	Tuning gang fully open.	E (osc. trimmer)
3	Same as Step 2.	1400 KC	1400 KC	F (ant. trimmer)