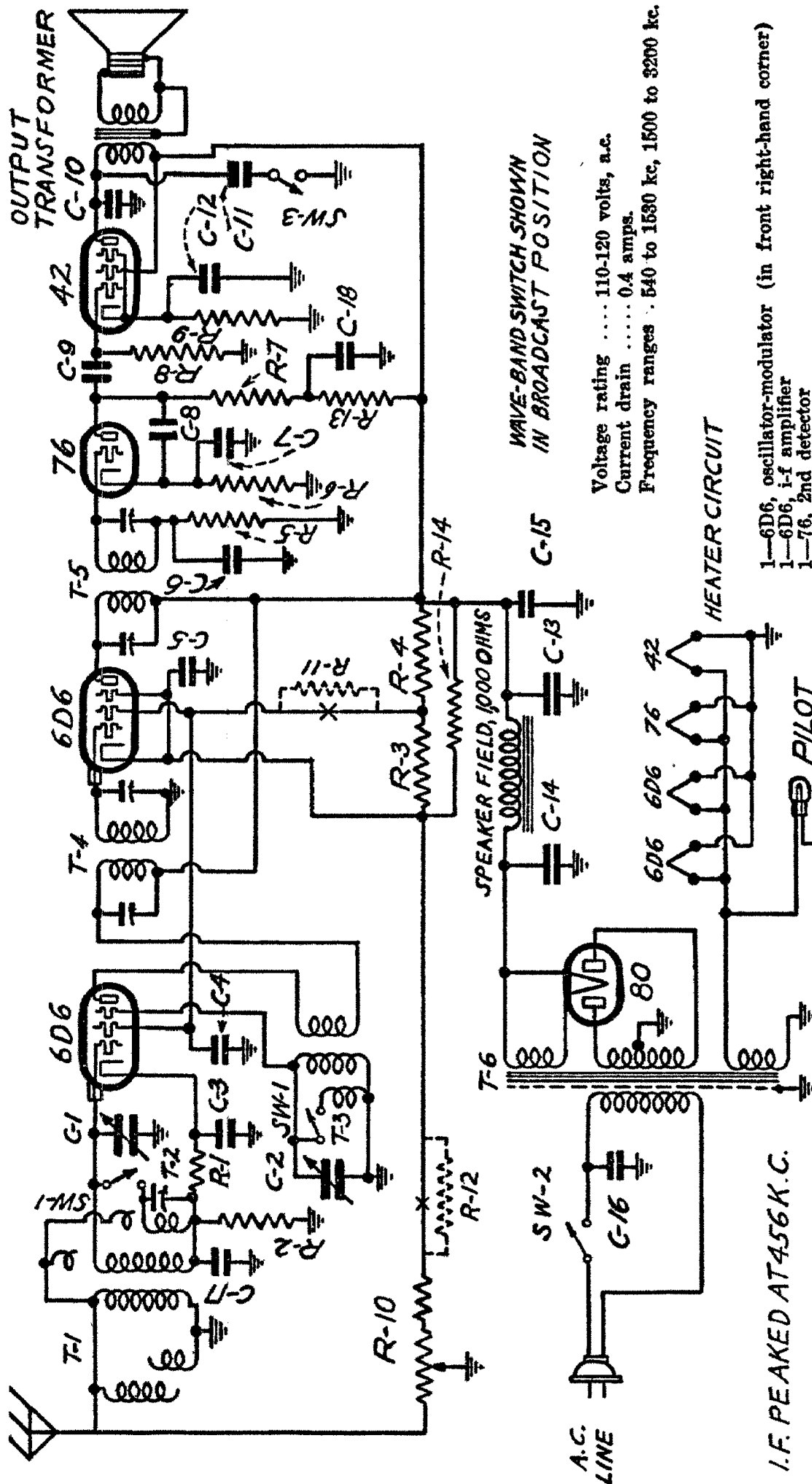


# EMERSON RADIO & PHONO. CORP.

MODEL 8 116, 121  
Chassis G5



Voltage rating .... 110-120 volts, a.c.  
Current drain .... 0.4 amps.  
Frequency ranges . . 540 to 1530 kc, 1500 to 3200 kc.

- 1-6D6, oscillator-modulator (in front right-hand corner)  
1-6D6, i-f amplifier  
1-76, 2nd detector  
1-42, power output pentode  
1-80, full-wave rectifier.

## VOLTAGE ANALYSIS

Readings should be taken with a 1000 ohms-per-volt meter. Voltages listed below are from point indicated to ground (chassis) with volume control turned on full and no signal. Line voltage for these readings was 117.5 volts, 60 cycles, a.c.

Tube	Plate	Screen	Cathode	Fil.
6D6 (in front right-hand corner)	230	107	21.5	6.3 a.c.
6D6 (i-f)	230	107	4.0	6.3 a.c.
76	125	—	9.8	6.3 a.c.
42	210	230	13.5	6.3 a.c.

B plus at filament of 80 tube—295 volts.  
Voltage across speaker field—65 volts.