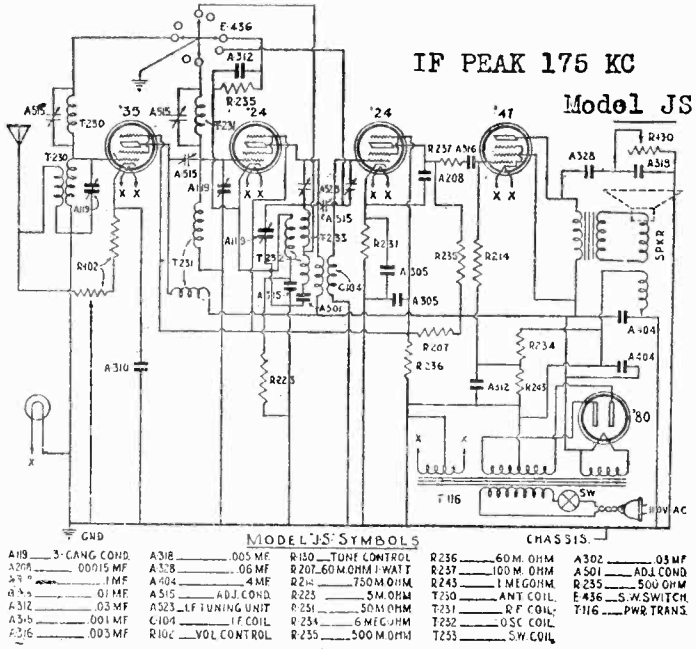


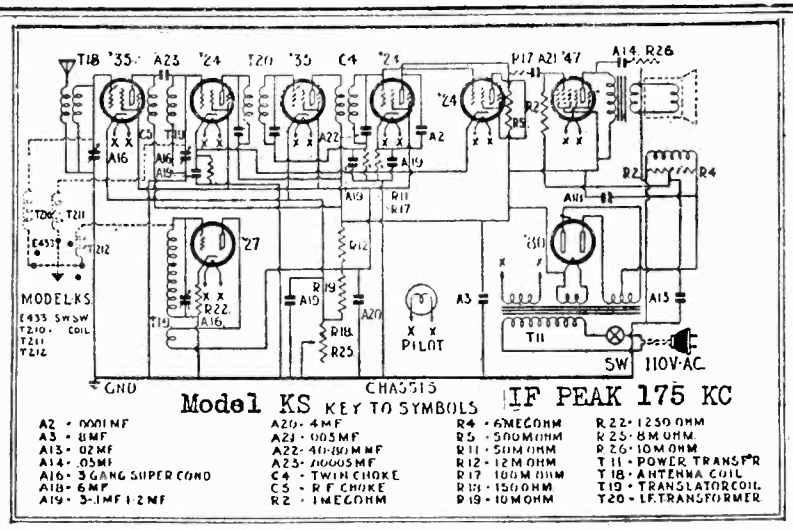
The following are average voltages taken on 118 volts 60 cycle A. C. line. A slight variation is allowable for variation in meters and line voltage.

	Plate	Screen	Cathode
Pentode tube —ground to	240	245	None
235 R. F. tube —ground to	245	70	2 5
224 1st. Detector tube —ground to (center tube)	245	70	7
224 2nd. Detector —ground to	75	70	10

The grid of the Pentode is biased through such high resistance that only an indication of negative bias can be read with an ordinary high resistance meter

Voltage Readings:

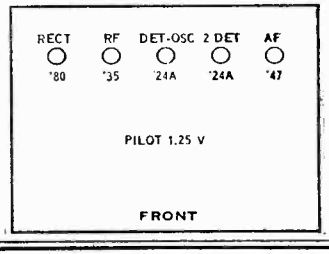
NOTE: Voltages should be measured with volume control all the way "ON" and the band selector switch at the "long" wave position using zero to 250 volt D. C. voltmeter with resistance of 1,000 ohms per volt.



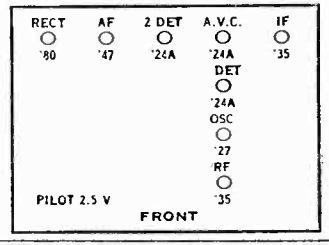
Test Voltages: Measured with volume control on full position measured with D. C. voltmeter having-at least 1000 ohms per volt. Line voltage 115.

Ground to	Plate	Screen	Cathode
'35 R. F. Tube	250	75	3
27 Oscillator Tube	75	—	12
'24 1st. Detector Tube	250	75	9
'35 I. F. Tube	250	75	3
'24 Automatic Volume Control Tube	—	—	9
'24 2nd. Detector Tube	85	75	7
'47 Audio Amplifier Tube	230	250	—

Models J, JS (1932)



Models K, KS (1932)



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