

MODEL 97
Schematic, Voltage
Socket, Data

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NOTE: Condenser marked with an asterisk (*) is not a separate part, but simply a capacity obtained by two wires twisted together.

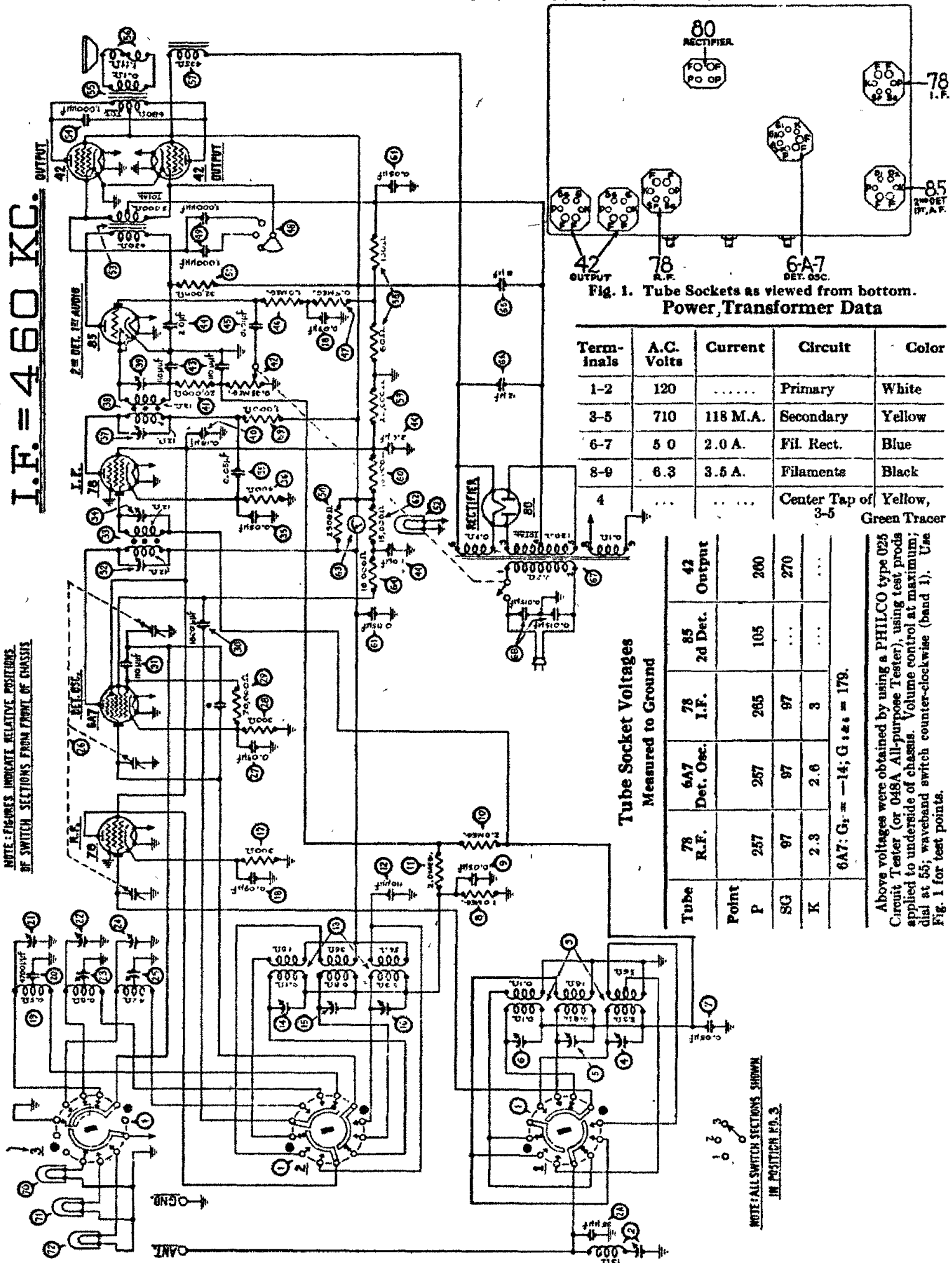


Fig. 1. Tube Sockets as viewed from bottom.

Terminals	A.C. Volts	Current	Circuit	Color
1-2	120	Primary	White
3-5	710	118 M.A.	Secondary	Yellow
6-7	5 0	2.0 A.	Fil. Rect.	Blue
8-9	6.3	3.5 A.	Filaments	Black
4	Center Tap of 3-5	Yellow, Green Tracer

Tube	78 R.F.	6A7 Det. Osc.	78 I.F.	85 2d Det.	42 Output
Point					
P	257	257	265	105	200
SG	97	97	97	...	270
K	2.3	2.6	3

6A7: $G_1 = -14$; $G_{2,3} = 179$.

Above voltages were obtained by using a PHILCO type 028 Circuit Tester (or 048A All-purpose Tester), using test prods applied to underside of chassis. Volume control at maximum; dial at 55; waveband switch counter-clockwise (band 1). Use Fig. 1 for test points.

**NOTE: ALL SWITCH SECTIONS SHOWN
IN POSITION NO. 3**