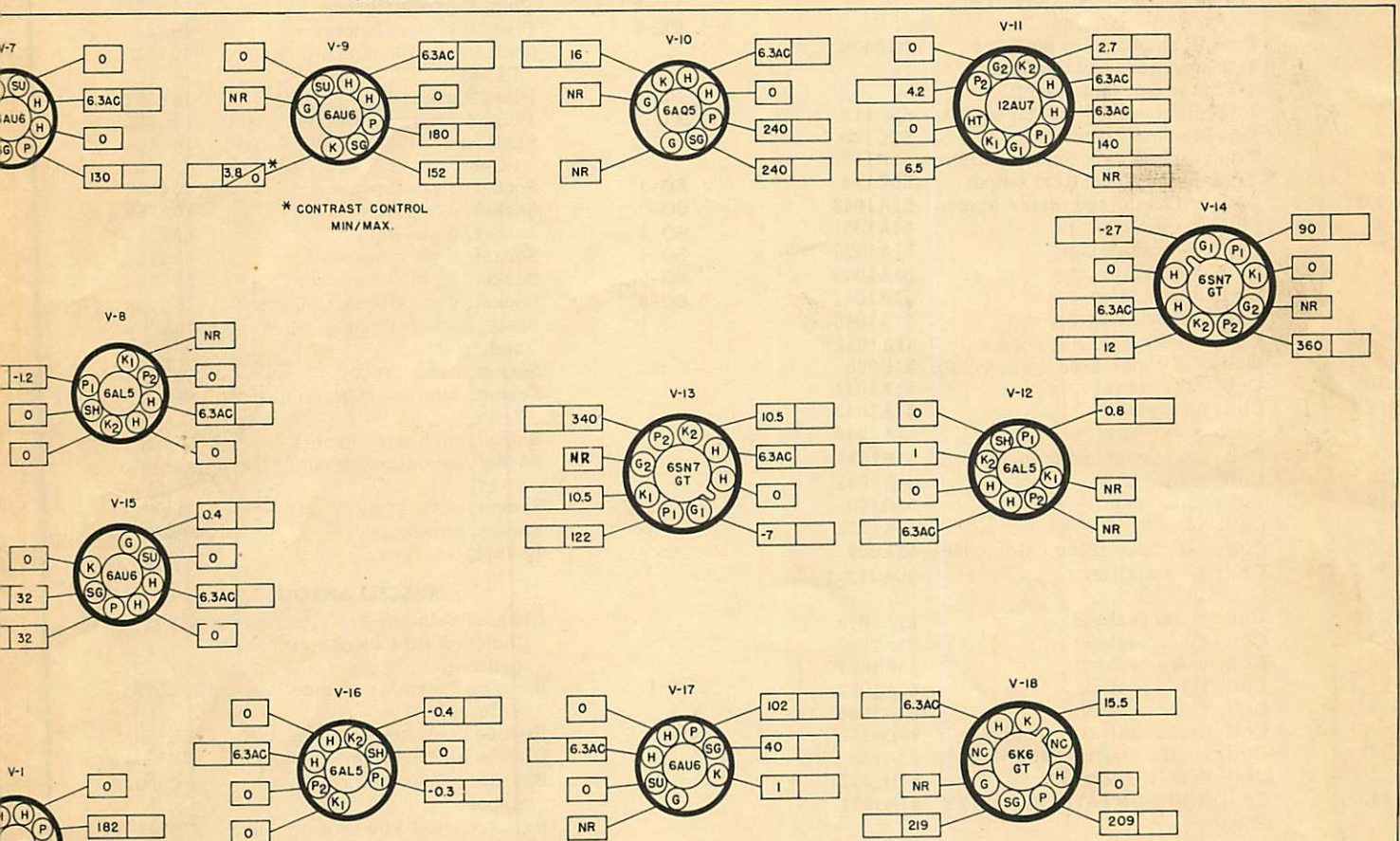


FRONT APRON
BOTTOM VIEW OF POWER SUPPLY CHASSIS



NOTES-

1. SOCKET VIEWS ARE BOTTOM VIEWS.
2. ALL VOLTAGES ARE MEASURED BETWEEN TUBE SOCKET TERMINALS & CHASSIS WITH ZERO SIGNAL INPUT.
3. LINE VOLTAGE - 117 V. AC.
4. ALL VOLTAGES SHOWN ARE DC UNLESS OTHERWISE SPECIFIED.
5. DC VOLTAGES SHOWN WERE MEASURED WITH AN ELECTRONIC VOLTMETER.
6. "NC" NO CONNECTION. VOLTAGE SHOWN FOR THIS TERMINAL ONLY WHEN TERMINAL IS USED AS A TIE LUG.
7. "NR" NOT READABLE. VOLTAGES MEASURED AT THESE TERMINALS GENERALLY MEANINGLESS.
8. ALL VOLTAGES ON V-19 WERE TAKEN AT TIE POINTS OF TUBE SOCKET LEADS.
9. MEASUREMENT OF 2ND ANODE POTENTIAL AT IOBP4 IS RECOMMENDED FOR CHECK ON 1B3GT RECTIFIER.
10. SPACE PROVIDED FOR SERVICE METER READINGS.

FRONT APRON

Fig. 17. Tube socket voltage chart.

SERVICE PARTS LIST (Cont.)

Ref. No.	Description	Hallicrafter's Part Number	Ref. No.	Description	Hallicrafter's Part Number
RESISTORS (Cont.)			TUBES, RECTIFIERS AND FUSES (Cont.)		
R-105	1100 ohms 20 watts, WW	24BH112D	V-21	Type 1B3GT: high voltage rectifier.	90X1B3GT
R-106	8200 ohms 10 watts, WW	24BG822E	V-22	Type 5V4G: reaction scanning	90X5V4G
R-107	6.8 megohms 1/2 watt, carbon	RC20AE685M	V-23	Type 5U4G: low voltage rectifier.	90X5U4G
R-109	1.2 megohms 1/2 watt, carbon	RC20AE125K	F-1	Fuse, 1/4 ampere, type 3AG	39A334
R-111	5000 ohms, VERTICAL LINE-ARITY control	25B769	PLUGS AND SOCKETS		
R-112	3300 ohms 1/2 watt, carbon	RC20AE332K	PL-1	Plug, speaker (Part of speaker ass'y)	
R-114,117	1.5 megohms 1/2 watt, carbon	RC20AE155K	PL-2	Plug, 10BP4 anode	10A300
R-115	2.5 megohms, HEIGHT control	25B768	PL-3	Line cord and plug PL-4	87A1668
R-116	2200 ohms, 1 watt, carbon	RC30AE222K	PL-5	Plug, 6 prong (Power)	10A298
R-118	4.7 megohms 1/2 watt, carbon	RC20AE475M	PL-6	Plug, 9 prong (Power)	10A299
Tol. on carbon resistors-- M - 20%, K - 10%, J - 5%			PL-7	Shell, plug (Used on PL-5 and PL-6)	10A324
TRANSFORMERS AND COILS			PL-8	Plug, 2 prong (Focus coil)	10A301
T-1	Transformer, ratio detector	50B406	PL-8	Plug, 4 prong (Deflection yoke)	10A302
T-2	Transformer, audio output (Part of speaker assy.)		SO-1	Shell, plug (Used on PL-7 and PL-8)	10A305
T-3	Transformer, horizontal output	55C113	SO-2	Socket, 5 pin (Speaker)	10A303
T-4	Transformer, power	52C170	SO-3	Socket, a-c power	10A286
T-5	Transformer, vertical oscillator	55B115	SO-4	Socket, 6 pin (Power)	6A312
T-6	Transformer, vertical output	55C114	SO-5	Socket, 9 pin (Power)	6A313
L-1,5	Coil, r-f amp. and mixer stages	51A1048	SO-6	Socket, 2 pin (Focus coil)	10A295
L-2	Coil, r-f amp. stage	51A1051		Socket, 4 pin (Deflection yoke)	10A296
L-3	Coil, r-f amp. stage	51A1050		Shell, socket (Used on SO-5 and SO-6)	10A294
L-4	Coil, r-f amp. stage	51A1049		Socket, octal (Tube)	6A296
L-6	Coil, mixer stage	51A1047		Socket, miniature (For tubes V1, 2, 3)	6A297
L-7	Coil, mixer stage	51A1046		Socket, miniature (Tube)	6A308
L-8,13	Coil, mixer and osc. stages	51A1041		Socket, miniature, 9 pin (Tube V-11)	6A311
L-9,31	Coil, r-f choke (Red color code)	53B008		Socket, octal (Tube V-21)	6A177
L-10	Coil, osc. stage	51A1044		Socket, kinescope	6B309
L-11	Coil, osc. stage	51A1043		Receptacle, fuse	6A287
L-12	Coil, osc. stage	51A1042		MISCELLANEOUS	
L-14	Coil, 4.5 mc. sound trap	51B1037		Channel selector ass'y. complete (Includes PB switch, trimmers, coils, etc)	41X12103
L-15	Coil, focus	51A1065	LS-1	Speaker assembly (Includes connector PL-1)	85C079
L-16	Deflection yoke	53B140		Rubber boot, kinescope mounting	16E130
L-17	Coil, antenna	51A1039		Clamp, kinescope mounting	76D406
L-18	Coil, r-f choke (Blue color code)	53A009		Bracket, kinescope clamp support	67C860
L-19,20,21,22,23	Coil, i-f amplifier	50A372-1		Bracket, rear kinescope support	67B845
L-24	Coil, video peaking	51A1079		Bracket, VERT. LINEARITY and HEIGHT control mtg.	67A863
L-25	Coil, video peaking	51A1080		Rear support (Deflection yoke housing)	67C870
L-26	Coil, video peaking	51A1087		Bracket, focus coil	67B858
L-27,29	Coil, video peaking	51A1082		Bracket, brace	67C869
L-28	Coil, video peaking	51A1086		Insert, rubber (Focus coil)	16A134
L-30	Coil, horizontal sweep osc.	50B411		Ion trap	21B083
L-32	Coil, heater choke (Tube V-3)	53A133		Plate, bakelite (Mtg. for tube V-21)	8B823
L-33	Coil, WIDTH control	51B1072		Escutcheon, kinescope tube	7E079
L-34	Coil, HORIZONTAL LINEARITY control	51B1071		Glass, safety (clear)	22C220
TUBES, RECTIFIERS AND FUSES				Clip, safety glass	76A331
V-1,2	Type 6AG5: RF amp. and mixer	90X6AG5		Knob, VERTICAL & VOLUME (Front section)	15B147
V-3	Type, 6C4: oscillator	90X6C4		Knob, HORIZONTAL & BRIGHTNESS (Rear section)	15B146
V-4,5,6,7,9,15,17	Type 6AU6: 1st, 2nd, 3rd, 4th IF amp.; 1st video amp.; audio IF amp.; and audio amp.	90X6AU6		Knob, CONTRAST	15B148
V-8,12,16	Type 6AL5: video det.; FM det.; and sync. disc.	90X6AL5		Knob, pushbutton and FINE TUNING	17A041-2
V-10	Type 6AQ5: 2nd video amp.	90X6AQ5			
V-11	Type 12AU7: sync. separator; DC restorer; and sync. phase inverter	90X12AU7			
V-13,14	Type 6SN7GT: horizontal osc. and vertical osc. & amp.	90X6SN7GT			
V-18	Type 6K6GT: audio output	90X6K6GT			
V-19	Type 10BP4: kinescope	90X10BP4			
V-20	Type 6BG6G: horizontal amp.	90X6BG6G			