

HICKOK

Obsolete Tube Types

SUPPLEMENTARY TEST DATA

for

MODELS 800 & 800A

TUBE TESTERS

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10514 DUPONT AVENUE • CLEVELAND, OHIO 44108

PHONE — 541-8060
TWX — CV 662

CABLE — HICKOK, CLEVELAND
WESTERN UNION — KJ

NOTATIONS

- NOTE 1:** (symbol "★" on Roll Chart) Read on ENGLISH scale, only.
- NOTE 2:** (symbol "# " on Roll Chart) Set BIAS at 100, press and hold down proper button while rotating BIAS dial until tube strikes.
- NOTE 3:** For TUBE TESTER Model 800, the Universal Adapter CA-4, 1050-135, is available for testing tubes with the more recent type basings, such as Compactrons, Novars, Nuvistors, and Ten-Pin (not Decal) types. Ten-Pin Decal types require the use of Adapter SA-11, 1050-177, in addition to the CA-4 Adapter. Test data for these tubes is supplied in supplementary form with the adapter.
- NOTE 4:** "Cut off" tube section NOT being tested by means of a 30 to 35 volt battery (Eveready 413, or equal). Polarity and connections are indicated in the NOTATIONS column: e. g., NOTE 4: 7-, 2+, indicates connect negative lead to pin 7 and positive lead to pin 2, of any convenient socket on the tester.
- CAUTION:** Disconnect battery between any change of SELECTORS.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
OA4	---	KS-0581-0	100	91	P5	----	NOTE 1.
OY4	BLST	JX-3502-0	0	45	P2	----	SHORT ON 1-5. NOTE 1.
1A4	2.0	JR-0230-0	18	31	--	750	CAP = G. HOLD DOWN P1, PRESS P4.
1A5	1.5	JR-5340-0	38	35	P4	800	
1A6	2.0	JR-0250-4	16	0	--	500	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1A6	2.0	JR-4350-2	12	73	--	200	OSC. SECTION. HOLD DOWN P1, PRESS P4. OK ABOVE 125.
1A7	1.5	JR-0346-5	0	42	--	900	PENTODE SECTION. CAP = G. HOLD DOWN P1 & PRESS P4
1A7	1.5	JR-5643-0	32	73	--	450	OSC. SECTION. HOLD DOWN P1 & PRESS P4 D.K. ABOVE 275
1AB5	1.1	JR-6230-0	0	56	P4	1200	
1AC5	1.1	EV-2780-0	23	20	--	750	HOLD DOWN P1 & PRESS P4.
1AD5	1.1	EV-2780-0	7	31	--	750	HOLD DOWN P1 & PRESS P4.
1AE4	1.1	DX-6210-0	25	45	P4	950	
1AF4	1.5	DX-6210-0	21	27	P4	700	
1AF5	1.5	DX-6580-0	3	15	--	600	PENTODE SECTION. HOLD DOWN P1 & PRESS P4
1AF5	1.5	DX-0100-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1AG5	1.1	EW-5120-3	40	0	P5	----	PENTODE SECTION. OK ABOVE 500 ON 3000 SCALE. NOTE 1.
1AG5	1.1	EW-0300-0	0	50	P1	----	DIODE SECTION. NOTE 1.
1AJ5	1.1	EW-5120-3	22	73	--	425	PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK ABOVE 270.
1AJ5	1.1	EW-0300-0	0	40	P1	----	DIODE SECTION. NOTE 1.
1AK5	1.1	EW-5120-3	40	0	P5	----	PENTODE SECTION. OK ABOVE 500 ON 3000 SCALE. NOTE 1.
1AK5	1.1	EW-0300-0	0	20	P1	----	DIODE SECTION. NOTE 1.
1AU3	1.1	JR-0000-0	0	53	P5	----	CAP = P. OK ABOVE DIODES OK. NOTE 1.
1AX2	1.5	BS-0000-0	0	53	P5	----	CAP = P. NOTE 1.
1B4	2.0	JR-0230-0	17	35	--	800	CAP = G. HOLD DOWN P1 & PRESS P4
1B5	2.0	JR-5200-0	24	11	P4	575	TRIODE SECTION.
1B5	2.0	BY-5400-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
1B5	2.0	JR-5300-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
1B7	1.5	JR-0340-5	4	48	--	1000	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1B7	1.5	JR-5640-3	17	24	--	675	OSC. SECTION. HOLD DOWN P1, PRESS P4.
1C3	1.5	DX-8200-0	36	32	P4	760	
1C5	1.5	JR-5340-0	35	62	P4	1400	
1C6	2.0	JR-0253-4	7	29	--	725	AMPL. SECTION. CAP = G. HOLD DOWN P1 & PRESS
1C6	2.0	JR-4352-0	30	73	--	375	OSC. SECTION. HOLD DOWN P1, PRESS P4. OK ABOVE 225.
1C7	2.0	JR-0346-5	10	48	--	1000	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1C7	2.0	JR-5643-0	28	73	--	400	OSC. SECTION. HOLD DOWN P1, PRESS P4. OK ABOVE 250.
1D5	2.0	JR-0340-0	0	31	--	750	
1D7	2.0	JR-0346-5	12	24	--	675	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1D7	2.0	JR-5643-0	30	73	--	175	OSC. SECTION. HOLD DOWN P1, PRESS P4. OK ABOVE 110.
1D8	1.5	JR-5346-0	50	44	P4	925	PENTODE SECTION.
1D8	1.5	JR-5643-0	11	11	P4	575	TRIODE SECTION. CAP = G.
1D8	1.5	JR-5743-0	0	20	P1	----	DIODE SECTION. NOTE 1.
1DN5	1.5	DX-6210-0	32	15	P4	600	PENTODE SECTION.
1DN5	1.5	HT-0800-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1E3	1.1	EV-1800-0	22	81	P4	3000	
1E4	1.5	JR-5300-0	0	60	P4	1300	
1E5	2.0	JR-0340-0	13	35	--	800	CAP = G. HOLD DOWN P1 & PRESS P4 FOR READING.
1E7	2.0	JR-5673-4	11	55	P4	1150	PENTODE NO. 1.
1E7	2.0	JR-4376-5	11	55	P4	1150	PENTODE NO. 2.
1F4	2.0	JR-3240-0	16	62	P4	1400	
1F5	2.0	JR-5340-0	12	62	P4	1400	
1F6	2.0	JR-0230-0	8	21	--	650	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1F6	2.0	JR-0530-0	0	0	P1	----	DIODE NO. 1. NOTE 1.
1F6	2.0	JR-0430-0	0	0	P1	----	DIODE NO. 2. NOTE 1.
1F7	2.0	JR-0360-0	8	21	--	650	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1F7	2.0	JR-0463-0	0	0	P1	----	DIODE NO. 1. NOTE 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
1F7	2.0	JR-0563-0	0	0	P1	----	DIODE NO. 2. NOTE 1.
1G4	1.5	JR-5300-0	48	37	P4	825	
1G5	2.0	JR-5340-0	28	65	P4	1500	
1G6	1.5	JR-5600-0	19	24	P4	675	
1G6	1.5	JR-4300-0	19	24	P4	675	
1H4	2.0	JR-5300-0	40	42	P4	900	
1H5	1.5	JR-0300-0	21	73	P4	275	TRIODE SECTION. CAP = G. OK ABOVE 175. DIODE SECTION. NOTE 1.
1H5	1.5	JR-0500-0	0	35	P1	----	
1H6	2.0	JR-6300-0	24	11	P4	575	
1H6	2.0	BY-6500-0	0	30	P1	----	
1H6	2.0	JR-6400-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
1J3	1.1	JR-0000-0	0	53	P5	----	CAP = P. OK ABOVE DIODES OK. NOTE 1.
1J5	2.0	JR-5340-0	46	45	P4	950	TRIODE NO. 1. TRIODE NO. 2.
1J6	2.0	JR-5600-0	15	48	P4	1000	
1J6	2.0	JR-4300-0	15	48	P4	1000	
1L4	1.5	HT-6210-0	19	49	P4	1025	
1L6	1.5	DX-6251-8	0	35	--	800	PENTODE SECTION. HOLD DOWN P1 & PRESS P4 OSC. SECTION. HOLD DOWN P1 & PRESS P4
1L6	1.5	DX-8152-6	0	0	--	500	
1LA4	1.5	JR-6230-0	38	35	P4	800	PENTODE SECTION. HOLD DOWN P1 & PRESS P4
1LA6	1.5	JR-6253-4	0	48	--	1000	
1LA6	1.5	JR-4352-6	14	0	--	500	OSC. SECTION. HOLD DOWN P1 & PRESS P4
1LB4	1.5	JR-6230-0	46	44	P4	925	
1LC5	1.5	JR-6234-0	0	31	--	750	HOLD DOWN P1 & PRESS P4
1LC6	1.5	JR-6253-4	10	48	--	1000	
1LC6	1.5	JR-4352-6	30	7	--	550	PENTODE SECTION. HOLD DOWN P1 & PRESS P4 OSC. SECTION. HOLD DOWN P1 & PRESS P4
1LD5	1.5	JR-6230-0	0	33	--	775	PENTODE SECTION. HOLD DOWN P1 & PRESS P4 DIODE SECTION. NOTE 1.
1LD5	1.5	JR-0400-0	0	0	P1	----	
1LE3	1.5	JR-6205-0	0	60	P4	1300	TRIODE SECTION. OK ABOVE 175. DIODE SECTION. NOTE 1.
1LF3	1.5	JR-6205-0	25	56	P4	1200	
1LG5	1.5	JR-6234-0	15	50	P4	1050	
1LH4	1.5	JR-6200-0	16	73	P4	275	
1LH4	1.5	BY-6400-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1LN5	1.5	JR-6234-0	11	31	P4	750	
1N5	1.5	JR-0340-0	11	31	P4	750	CAP = G. PENTODE SECTION.
1N6	1.5	JR-5340-0	40	35	P4	800	
1N6	1.5	JR-0600-0	0	0	P1	----	DIODE SECTION. NOTE 1. CAP = G.
1P5	1.5	JR-0340-0	12	35	P4	800	
1Q5	1.5	JR-5340-0	42	75	P4	2100	PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK ABOVE 250.
1Q6	1.1	EV-2780-0	15	73	--	400	
1Q6	1.1	EV-0600-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1R4	1.5	JR-0407-0	0	40	P1	----	NOTE 1. PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK ABOVE 275.
1S6	1.1	EV-3180-0	12	73	--	450	
1S6	1.1	EV-0600-0	0	0	P1	----	DIODE SECTION. OK ABOVE 500 ON 3000 SCALE. NOTE 1.
1SB6	1.5	JR-7340-0	5	21	--	650	PENTODE SECTION. HOLD DOWN P1, PRESS P4. DIODE SECTION. NOTE 1.
1SB6	1.5	BY-7500-0	0	0	P1	----	
1T4	1.5	DX-6210-0	0	33	--	775	HOLD DOWN P1 & PRESS P4
1T5	1.5	JR-5340-0	44	55	P4	1150	
1T6	1.1	EV-3180-0	12	73	--	450	PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK ABOVE 275.
1T6	1.1	EV-0600-0	0	0	P1	----	
1U5	1.5	DX-6210-0	34	3	P4	525	DIODE SECTION. OK ABOVE 500 ON 3000 SCALE. NOTE 1. PENTODE SECTION.
1U5	1.5	HT-6810-0	0	22	P1	----	DIODE SECTION. NOTE 1.
1U6	1.5	DX-6251-8	10	48	--	1000	
1U6	1.5	DX-8156-2	10	0	--	500	AMPL. SECTION. HOLD DOWN P1 & PRESS P4 OSC. SECTION. HOLD DOWN P1 & PRESS P4
1V	6.3	JR-0203-0	0	60	P3	----	
1V5	1.1	EV-2780-0	23	20	--	750	NOTE 1. HOLD DOWN P1 & PRESS P4.
1V6	1.1	EX-3120-6	29	0	P5	----	PENTODE SECTION. OK ABOVE DIODES OK. NOTE 1. TRIODE SECTION. OK ABOVE 500 ON 3000 SCALE. NOTE 1.
1V6	1.1	EX-5600-3	0	0	P1	----	
1W4	1.5	DX-6210-0	44	44	P4	925	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
1Z2 2A3	1.5 2.5	DS-0000-0 JR-3200-0	0 68	80 81	P5 P4	---- 3000	CAP = P. NOTE 1.
2A4 2A5 2A6 2A6 2A6	2.5 2.5 2.5 2.5 2.5	JR-5300-0 JR-4235-0 JR-0205-0 JR-0405-0 JR-0305-0	-- 0 14 0 0	96 73 31 32 32	P5 P4 P4 P1 P1	---- 2000 750 ---- ----	STRIKES AT ABOUT 44. SHORT ON 1-2. NOTES 1 & TRIODE SECTION. CAP = G. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1.
2A7 2A7 2B3 2B4 2B6	2.5 2.5 1.5 2.5 2.5	JR-0236-5 JR-5436-0 JR-0000-0 JR-3204-0 JR-4236-0	16 16 0 -- 0	48 0 80 95 62	P4 P4 P5 P5 P4	1000 500 ---- ---- 1400	PENTODE SECTION. CAP = G. OSC. SECTION. CAP = P. OK ABOVE DIODES OK. NOTE 1. STRIKES AT ABOUT 68. NOTES 1 & 2.
2B7 2B7 2B7 2B22 2B23	2.5 2.5 2.5 6.3 6.3	JR-0236-0 JR-0536-0 JR-0436-0 JR-0007-0 JR-0307-0	20 0 0 0 0	48 32 32 62 48	P4 P1 P1 P3 P2	1000 ---- ---- ---- ----	PENTODE SECTION. CAP = G. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1. TOP WASHER = P. NOTE 1. NOTE 1.
2C4 2C21 2C21 2C22 2C26	2.5 6.3 6.3 6.3 6.3	HT-1508-0 JR-4506-0 JR-0302-0 JR-0007-0 JR-0007-0	-- 35 35 23 18	95 62 62 81 65	P5 P4 P4 P4 P4	---- 1375 1375 3000 1500	STRIKES AT ABOUT 70. NOTES 1 & 2. TRIODE NO. 1. TRIODE NO. 2. CAP = G. FAR CAP = G. NEAR CAP = P. RIGHT CAP = P. LEFT CAP = G.
2C40 2C43 2C45 2C50 2C50	6.3 6.3 7.5 12.6 12.6	JR-0007-0 JR-0007-0 JR-3200-0 JX-2103-0 JX-4506-0	17 10 37 41 41	80 86 75 70 70	P4 P4 P4 P4 P4	2800 4000 2000 1800 1800	CAP = P. RING = G. CAP = P. RING = G. TRIODE NO. 1. TRIODE NO. 2.
2C52 2C52 2C53 2DZ4 2E5	12.6 12.6 6.3 2.5 2.5	JX-4506-1 JX-2103-5 JR-5007-0 JR-2305-0 JR-5403-0	12 12 0 35 --	48 48 73 87 --	P4 P4 P4 P4 P4	1000 1000 300 4000 ----	TRIODE NO. 1. TRIODE NO. 2. CAP = P. OK ABOVE 190. EYE OPEN.
2E5 2E22 2E24 2E25 2E26	2.5 6.3 6.3 6.3 6.3	JR-5423-0 JR-3024-0 JR-5030-0 JR-5040-7 JR-5032-7	-- 40 35 0 37	-- 75 82 79 84	P4 P4 P4 P4 P4	---- 2200 3200 2600 3500	EYE CLOSED. CAP = P. CAP = P. CAP = P. CAP = P.
2E30 2E31 2E32 2E35 2E36	6.3 1.1 1.1 1.1 1.1	JR-3560-2 DV-4120-0 DV-4120-0 DV-4120-0 DV-4120-0	14 20 20 23 23	81 0 0 0 0	P4 -- -- -- --	3000 500 500 500 500	HOLD DOWN P1 & PRESS P4. HOLD DOWN P1 & PRESS P4. HOLD DOWN P1 & PRESS P4. HOLD DDWN P1 & PRESS P4.
2E41 2E41 2E42 2E42	1.1 1.1 1.1 1.1	EW-5120-0 EW-0300-0 EW-5120-0 EW-0300-0	26 0 26 0	73 0 73 0	-- P1 -- P1	375 ---- 375 ----	PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK ABOVE 250. DIODE SECTION. OK ABOVE 250 ON 3000 SCALE. NOTE 1. PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK ABOVE 250. DIODE SECTION. OK ABOVE 250 ON 3000 SCALE. NOTE 1.
2G21 2G21 2G22 2G22 2V2 2V3	1.1 1.1 1.1 1.1 2.5 2.5	EX-3265-1 EX-3100-0 EX-3265-1 EX-3100-0 JR-0005-0 JR-0000-0	51 47 51 47 0 0	0 0 0 0 68 75	P5 P5 P5 P5 P5 P5	---- ---- ---- ---- ---- ----	HEPTODE SECTION. OK ABOVE DIODES OK. NOTE 1. TRIODE SECTION. NOTE 1. HEPTODE SECTION. OK ABOVE DIODES OK. NOTE 1. TRIODE SECTION. NOTE 1. CAP = P. SHORT ON 1. NOTE 1. CAP = P. NOTE 1.
2W3 2X2A 2Z2 3A4 3A5	2.5 2.5 2.5 2.5 3.0	HR-0400-0 JR-0000-0 JR-0200-0 DX-8210-0 DX-5600-0	0 0 0 36 35	54 87 32 67 73	P3 P5 P3 P4 P4	---- ---- ---- 1600 2000	NOTE 1. CAP = P. NOTE 1. NOTE 1. TRIODE NO. 1.
3A5 3A8	3.0 2.5	HT-1200-0 JR-0340-0	35 17	73 31	P4 P4	2000 750	TRIODE NO. 2. PENTODE SECTION. SHORT ON 3. CAP = G.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
3A8	2.5	JR-5600-0	0	0	P4	500	TRIODE SECTION. SHORT ON 3. DIODE SECTION. SHORT ON 3. NOTE 1. EACH SECTION* NO SHORTS FOR TESTERS HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000 HOLD DOWN P1, PRESS P4.
3A8	2.5	BY-0740-0	0	32	P1	----	
3B5	2.5	JR-5340-0	32	65	--	1500	
3B7	2.5	BY-6700-0	27	65	P4	1500	TRIODE NO. 1.
3B7	2.5	JR-3200-0	27	65	P4	1500	TRIODE NO. 2.
3B24	3.0	JR-0000-0	0	90	P5	----	CAP = P. SHORT ON 3. NO SHORTS FOR TESTERS HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000. NOTE 1.
3B24	3.0	CR-0000-0	0	90	P5	----	CAP = P. NOTE 1.
3B29	4.3	JR-0000-0	0	93	P5	----	CAP = P. NOTE 1.
3C2	3.0	JR-0000-0	0	88	P5	----	CAP = P. OK ABOVE DIODES OK. NOTE 1.
3C6	2.5	BY-5600-0	10	53	P4	1100	TRIODE NO. 1.
3C6	2.5	JR-4300-0	10	53	P4	1100	TRIODE NO. 2.
3CF6	3.0	JR-3562-7	11	86	P4	4000	
3D6	2.5	JR-6230-0	36	74	P4	2100	
3E5	2.5	DX-6215-0	28	56	--	1200	SHORT ON 1. HOLD DOWN P1 & PRESS P4
3E6	3.0	JR-6234-0	15	69	P4	1750	
3E55	3.0	JR-2503-0	10	88	P4	5000	
3FQ5	3.0	JR-2507-0	21	88	P4	5100	
3FQ5A	3.0	JR-2507-0	21	89	P4	5600	
3GS8	3.0	EV-7821-9	0	10	--	550	PENTODE NO. 1. HOLD DOWN P1 & PRESS P4.
3GS8	3.0	EV-7321-6	0	10	--	550	PENTODE NO. 2. HOLD DOWN P1 & PRESS P4.
3GU5	3.0	JR-3562-0	13	89	P4	5400	
3HM6	3.0	EV-2781-9	11	84	P4	3500	
3HS8	3.0	EV-7821-9	10	21	P4	650	PENTODE NO. 1.
3HS8	3.0	EV-7321-6	10	21	P4	650	PENTODE NO. 2.
3HT6	3.0	EV-2781-9	10	85	P4	3800	
3LE4	2.5	JR-6230-0	55	53	P4	1100	
3LF4	2.5	JR-6230-0	27	67	P4	1600	
3Q4	3.0	HT-1280-0	15	75	P4	2150	
3Q5	2.5	JR-5340-0	34	70	P4	1800	
3S4	2.5	HT-1280-0	24	65	--	1500	HOLD DOWN P1 & PRESS P4
4A6	3.0	JR-5600-0	25	48	P4	1000	TRIODE NO. 1.
4A6	3.0	BY-4300-0	25	48	P4	1000	TRIODE NO. 2.
4BA6	4.3	JR-3567-2	0	79	P4	2700	
4BE6	4.3	JR-7562-3	0	35	--	800	AMPL. SECTION. HOLD DOWN P1 & PRESS P4.
4BE6	4.3	JR-3602-7	20	90	P4	6500	OSC. SECTION.
4BX8	4.3	EV-7608-9	30	82	P4	3200	TRIODE NO. 1.
4BX8	4.3	EV-2103-9	30	82	P4	3200	TRIODE NO. 2.
4BZ8	4.3	EV-7608-9	20	88	P4	5000	TRIODE NO. 1.
4BZ8	4.3	EV-2103-9	20	88	P4	5000	TRIODE NO. 2.
4CE5	4.3	JR-3562-0	11	84	P4	3500	
4GW5	4.3	JR-2305-0	21	88	P4	5000	
5A6	5.0	EV-7160-3	41	81	P4	3000	
5AS4	5.0	HR-0600-0	0	35	P3	----	PLATE NO. 1. NOTE 1.
5AS4	5.0	HR-0400-0	0	30	P3	----	PLATE NO. 2. NOTE 1.
5AW4	6.3	HR-0600-4	0	47	P3	----	PLATE NO. 1. NOTE 1.
5AW4	6.3	HR-0400-6	0	42	P3	----	PLATE NO. 2. NOTE 1.
5AX4	5.0	HR-0600-0	0	22	P3	----	PLATE NO. 1. NOTE 1.
5AX4	5.0	HR-0400-0	0	18	P3	----	PLATE NO. 2. NOTE 1.
5AZ4	5.0	JS-0400-6	0	17	P3	----	PLATE NO. 1. NOTE 1.
5AZ4	5.0	JS-0600-4	0	22	P3	----	PLATE NO. 2. NOTE 1.
5BS8	5.0	EV-7608-9	19	87	P4	4500	TRIODE NO. 1.
5BS8	5.0	EV-2103-9	19	87	P4	4500	TRIODE NO. 2.
5BZ7	5.0	EV-7608-9	20	83	P4	3200	TRIODE NO. 1.
5BZ7	5.0	EV-2103-9	20	83	P4	3200	TRIODE NO. 2.
5CM6	5.0	EV-3917-0	13	86	P4	4100	
5CR8	5.0	EV-2673-8	10	85	P4	3800	PENTODE SECTION.
5CR8	5.0	EV-9108-0	22	85	P4	4000	TRIODE SECTION.
5CU4	5.0	HR-0602-0	0	58	P3	----	PLATE NO. 1. NOTE 1.
5CU4	5.0	HR-0402-0	0	58	P3	----	PLATE NO. 2. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
5EH8	5.0	EV-7986-0	0	84	P4	3800	PENTODE SECTION.
5EH8	5.0	EV-2301-0	16	90	P4	6500	TRIODE SECTION.
5T4	5.0	HR-0600-0	0	54	P3	----	PLATE NO. 1. NOTE 1.
5T4	5.0	HR-0400-0	0	47	P3	----	PLATE NO. 2. NOTE 1.
5W4	5.0	HR-0600-0	0	20	P3	----	PLATE NO. 1. NOTE 1.
5W4	5.0	HR-0400-0	0	15	P3	----	PLATE NO. 2. NOTE 1.
5X3	5.0	JR-0300-0	0	0	P3	----	PLATE NO. 1. NOTE 1.
5X3	5.0	JR-0200-0	0	0	P3	----	PLATE NO. 2. NOTE 1.
5X4	5.0	JX-0500-0	0	43	P3	----	PLATE NO. 1. NOTE 1.
5X4	5.0	JX-0300-0	0	39	P3	----	PLATE NO. 2. NOTE 1.
5Y4	5.0	JX-0500-0	0	16	P3	----	PLATE NO. 1. NOTE 1.
5Y4	5.0	JX-0300-0	0	12	P3	----	PLATE NO. 2. NOTE 1.
5Z3	5.0	JR-0300-0	0	43	P3	----	PLATE NO. 1. NOTE 1.
5Z3	5.0	JR-0200-0	0	39	P3	----	PLATE NO. 2. NOTE 1.
5Z4	5.0	HR-0600-0	0	65	P3	----	PLATE NO. 1. NOTE 1.
5Z4	5.0	HR-0400-0	0	65	P3	----	PLATE NO. 2. NOTE 1.
6A3	6.3	JR-3200-0	66	81	P4	3000	
6A4	6.3	JR-3240-0	23	73	P4	2000	
6A5	6.3	JR-5300-0	69	81	P4	3000	
6A6	6.3	JR-5604-0	15	65	P4	1500	TRIODE NO. 1.
6A6	6.3	JR-3204-0	15	65	P4	1500	TRIODE NO. 2.
6A7	6.3	JR-0236-5	14	48	P4	1000	PENTODE SECTION. CAP = G.
6A7	6.3	JR-5436-2	14	73	P4	300	OSC. SECTION. OK ABOVE 190.
6A8	6.3	JR-0347-5	11	48	P4	1000	PENTODE SECTION. CAP = G.
6A8	6.3	JR-5647-3	11	73	P4	300	OSC. SECTION. OK ABOVE 190.
6AB5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6AB5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6AB6	6.3	JR-5347-0	0	63	P4	1450	
6AB7	6.3	JR-4765-3	0	84	P4	3500	
6AB8	6.3	EV-9683-7	18	83	P4	3300	PENTODE SECTION.
6AB8	6.3	EV-2103-0	27	61	P4	1350	TRIODE SECTION.
6AC5	6.3	JR-5307-0	0	48	P4	1000	
6AC6	6.3	JR-5347-0	0	77	P4	2400	
6AD4	6.3	DW-1805-0	20	56	P4	1200	
6AD6	6.3	JR-4357-0	--	--	P4	----	EYE 1 OPEN. EYE 2 CLOSED.
6AD6	6.3	JR-3457-0	--	--	P4	----	EYE 2 OPEN. EYE 1 CLOSED.
6AD7	6.3	JR-5347-6	23	73	P4	2000	PENTODE SECTION.
6AD7	6.3	JR-2607-3	0	15	P4	600	TRIODE SECTION.
6AE5	6.3	JR-5307-0	67	56	P4	1200	
6AE6	6.3	JR-5407-3	0	31	P4	750	TRIODE NO. 1.
6AE6	6.3	JR-5307-4	0	39	P4	850	TRIODE NO. 2.
6AE7	6.3	JR-6307-4	32	65	P4	1500	TRIODE NO. 1.
6AE7	6.3	JR-4305-6	32	65	P4	1500	TRIODE NO. 2.
6AF5	6.3	JR-5307-0	49	65	P4	1500	
6AF6	6.3	JR-4357-0	--	--	P4	----	EYE 1 OPEN. EYE 2 CLOSED.
6AF6	6.3	JR-3457-0	--	--	P4	----	EYE 2 OPEN. EYE 1 CLOSED.
6AH4	6.3	JR-2507-0	45	87	P4	4500	
6AH5	6.3	JR-6427-0	17	88	P4	5000	
6AH6	6.3	JR-3567-2	0	88	P4	5000	
6AH7	6.3	JX-5604-0	22	77	P4	2400	TRIODE NO. 1.
6AH7	6.3	JX-2301-0	22	77	P4	2400	TRIODE NO. 2.
6AJ4	6.3	JX-1502-0	21	91	P4	7000	
6AJ5	6.3	JR-3562-0	10	80	--	2750	HOLD DOWN P1 & PRESS P4
6AJ7	6.3	JR-4765-3	0	88	P4	5000	
6AK4	6.3	DW-1805-7	25	85	P4	3800	
6AK7	6.3	JR-4765-2	0	90	P4	6000	
6AL7	6.3	JR-6357-0	--	100	P4	----	BIAS CONTROLS LEFT PATTERN. BIAS = VARY.
6AL7	6.3	JR-5347-0	--	100	P4	----	BIAS CONTROLS BOTH PATTERNS. BIAS = VARY.
6AL7	6.3	JR-4357-0	--	100	P4	----	BIAS CONTROLS RIGHT PATTERN. BIAS = VARY.
6AM4	6.3	JX-1502-0	18	86	P4	4000	
6AN6	6.3	HT-0506-0	0	65	P1	----	PLATE NO. 1. NOTE 1.
6AN6	6.3	HT-0806-0	0	65	P1	----	PLATE NO. 2. NOTE 1.
6AN6	6.3	HT-0106-0	0	65	P1	----	PLATE NO. 3. NOTE 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS
							FOR EXPLANATIONS - SEE BACK COVER
6AN6	6.3	HT-0206-0	0	65	P1	----	PLATE NO. 4. NOTE 1.
6AQ6	6.3	JR-3702-0	6	55	P4	1150	TRIODE SECTION.
6AQ6	6.3	JR-0602-0	0	26	P1	----	DIODE NO. 1. NOTE 1.
6AQ6	6.3	JR-0502-0	0	26	P1	----	DIODE NO. 2. NOTE 1.
6AQ7	6.3	JX-4506-0	13	48	P4	1000	TRIODE SECTION.
6AQ7	6.3	JX-4201-0	0	52	P1	----	DIODE NO. 1. NOTE 1.
6AQ7	6.3	JX-4301-0	0	52	P1	----	DIODE NO. 2. NOTE 1.
6AR5	6.3	JR-3562-0	34	67	P4	1600	
6AR6	6.3	GX-8352-0	21	89	P4	5400	
6AR8	6.3	EV-6937-1	0	72	P4	1900	PLATE NO. 1. DISREGARD NEON FLASH IN SHORT TESTING.
6AR8	6.3	EV-6837-1	0	72	P4	1900	PLATE NO. 2. DISREGARD NEON FLASH IN SHORT TESTING.
6AS5	6.3	JR-2763-0	0	89	P4	5600	
6AU7	6.3	EV-7608-0	24	75	P4	2200	TRIODE NO. 1.
6AU7	6.3	EV-2103-0	24	75	P4	2200	TRIODE NO. 2.
6AV5	6.3	JR-2573-0	53	88	P4	5500	
6AW7	6.3	JX-1602-0	0	56	P4	1200	TRIODE SECTION.
6AW7	6.3	JX-1305-0	0	76	P1	----	DIODE NO. 1. NOTE 1.
6AW7	6.3	JX-1402-0	0	76	P1	----	DIODE NO. 2. NOTE 1.
6AX6	6.3	JR-0507-0	0	68	P3	----	PLATE NO. 1. NOTE 1.
6AX6	6.3	JR-0304-0	0	68	P3	----	PLATE NO. 2. NOTE 1.
6AX7	6.3	EV-7608-0	12	58	P4	1250	TRIODE NO. 1.
6AX7	6.3	EV-2103-0	12	58	P4	1250	TRIODE NO. 2.
6AX8	6.3	EV-2637-0	7	75	P4	2200	PENTODE SECTION.
6AX8	6.3	EV-9108-0	12	88	P4	5000	TRIODE SECTION.
6AZ5	6.3	DW-0807-0	0	74	P1	----	DIODE NO. 1. NOTE 1.
6AZ5	6.3	DW-0102-0	0	74	P1	----	DIODE NO. 2. NOTE 1.
6AZ6	6.3	DW-0204-8	0	78	P1	----	DIODE NO. 1. NOTE 1.
6AZ6	6.3	DW-0705-8	0	78	P1	----	DIODE NO. 2. NOTE 1.
6B4	6.3	JR-5300-0	66	81	P4	3000	
6B5	6.3	JR-4235-0	0	59	P4	1300	
6B6	6.3	JR-0307-0	14	31	P4	750	TRIODE SECTION. CAP = G.
6B6	6.3	JR-0507-0	0	42	P1	----	DIODE NO. 1. NOTE 1.
6B6	6.3	JR-0407-0	0	42	P1	----	DIODE NO. 2. NOTE 1.
6B7	6.3	JR-0236-0	22	48	P4	1000	PENTODE SECTION. CAP = G.
6B7	6.3	JR-0536-0	0	38	P1	----	DIODE NO. 1. NOTE 1.
6B7	6.3	JR-0436-0	0	38	P1	----	DIODE NO. 2. NOTE 1.
6B8	6.3	JR-0367-2	18	55	P4	1150	PENTODE SECTION. CAP = G.
6B8	6.3	JR-0567-2	0	24	P1	----	DIODE NO. 1. NOTE 1.
6B8	6.3	JR-0467-2	0	24	P1	----	DIODE NO. 2. NOTE 1.
6BD5	6.3	JR-2573-0	11	88	P4	5000	
6BD6	6.3	JR-3567-2	8	73	P4	2000	
6BE7	6.3	EV-7163-9	29	48	P4	1000	
6BE8	6.3	EV-9678-3	7	75	P4	2200	PENTODE SECTION.
6BE8	6.3	EV-1203-0	12	88	P4	5000	TRIODE SECTION.
6BF5	6.3	JR-3562-0	44	83	P4	3400	
6BF6	6.3	JR-3702-0	19	72	P4	1900	TRIODE SECTION.
6BF6	6.3	JR-3602-0	0	26	P1	----	DIODE NO. 1. NOTE 1.
6BF6	6.3	JR-3502-0	0	26	P1	----	DIODE NO. 2. NOTE 1.
6BF7	6.3	DW-7805-0	22	78	P4	2500	TRIODE NO. 1.
6BF7	6.3	DW-2104-0	22	78	P4	2500	TRIODE NO. 2.
6BF8	6.3	EV-0906-0	0	80	P1	----	DIODE NO. 1. NOTE 1.
6BF8	6.3	EV-0806-0	0	80	P1	----	DIODE NO. 2. NOTE 1.
6BF8	6.3	EV-0706-0	0	80	P1	----	DIODE NO. 3. NOTE 1.
6BF8	6.3	EV-0306-0	0	80	P1	----	DIODE NO. 4. NOTE 1.
6BF8	6.3	EV-0206-0	0	80	P1	----	DIODE NO. 5. NOTE 1.
6BF8	6.3	EV-0106-0	0	80	P1	----	DIODE NO. 6. NOTE 1.
6BG6	6.3	JR-5073-0	12	90	P4	6000	CAP = P.
6BG7	6.3	DW-7805-0	22	78	P4	2500	TRIODE NO. 1.
6BG7	6.3	DW-2104-0	22	78	P4	2500	TRIODE NO. 2.
6BJ6	6.3	JR-3562-7	0	78	P4	2500	
6BK5	6.3	EV-3186-0	0	88	P4	5000	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6BK6	6.3	JR-3702-5	0	58	P4	1250	TRIODE SECTION.
6BK6	6.3	JR-0602-5	0	57	P1	----	DIODE NO. 1. NOTE 1.
6BK6	6.3	JR-0502-7	0	57	P1	----	DIODE NO. 2. NOTE 1.
6BL4	6.3	JX-0503-0	0	65	P3	----	NOTE 1.
6BS8	6.3	EV-7608-9	19	87	P4	4500	TRIODE NO. 1.
6BS8	6.3	EV-2103-9	19	87	P4	4500	TRIODE NO. 2.
6BT6	6.3	JR-3702-0	12	60	P4	1300	TRIODE SECTION.
6BT6	6.3	JR-3602-0	0	57	P1	----	DIODE NO. 1. NOTE 1.
6BT6	6.3	JR-3502-0	0	57	P1	----	DIODE NO. 2. NOTE 1.
6BT8	6.3	EV-8679-0	19	75	P4	2200	PENTODE SECTION.
6BT8	6.3	EV-0103-0	0	68	P1	----	DIODE NO. 1. NOTE 1.
6BT8	6.3	EV-0203-0	0	68	P1	----	DIODE NO. 2. NOTE 1.
6BU6	6.3	JR-3702-0	28	65	P4	1500	TRIODE SECTION.
6BU6	6.3	JR-3602-0	0	50	P1	----	DIODE NO. 1. NOTE 1.
6BU6	6.3	JR-3502-0	0	50	P1	----	DIODE NO. 2. NOTE 1.
6BV8	6.3	EV-2301-0	21	89	P4	5600	TRIODE SECTION.
6BV8	6.3	EV-0907-0	0	78	P1	----	DIODE NO. 1. NOTE 1.
6BV8	6.3	EV-0608-0	0	78	P1	----	DIODE NO. 2. NOTE 1.
6BW4	6.3	EV-0709-1	0	20	P3	----	PLATE NO. 1. NOTE 1.
6BW4	6.3	EV-0109-7	0	20	P3	----	PLATE NO. 2. NOTE 1.
6BX6	6.3	EV-2781-9	10	86	P4	4200	
6BX7	6.3	JX-4506-1	33	92	P4	7600	TRIODE NO. 1.
6BX7	6.3	JX-2103-5	33	92	P4	7600	TRIODE NO. 2.
6BX8	6.3	EV-7608-9	30	82	P4	3200	TRIODE NO. 1.
6BX8	6.3	EV-2103-9	30	82	P4	3200	TRIODE NO. 2.
6BY5	6.3	JR-0507-0	0	50	P3	----	PLATE NO. 1. NOTE 1.
6BY5	6.3	JR-0402-0	0	50	P3	----	PLATE NO. 2. NOTE 1.
6BZ8	6.3	EV-7608-9	20	88	P4	5000	TRIODE NO. 1.
6BZ8	6.3	EV-2103-9	20	88	P4	5000	TRIODE NO. 2.
6C5	6.3	JR-5307-0	23	73	P4	2000	
6C6	6.3	JR-0235-4	20	57	P4	1225	CAP = G.
6C7	6.3	JR-0206-0	24	58	P4	1250	TRIODE SECTION. CAP = G.
6C7	6.3	JR-0506-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
6C7	6.3	JR-0406-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
6C8	6.3	JR-5607-0	20	48	P4	1000	TRIODE NO. 1.
6C8	6.3	JR-0304-0	20	48	P4	1000	TRIODE NO. 2. CAP = G.
6CF6	6.3	JR-3562-7	11	86	P4	4000	
6CH7	6.3	EV-7608-0	20	83	P4	3200	TRIODE NO. 1.
6CH7	6.3	EV-2103-0	20	83	P4	3200	TRIODE NO. 2.
6CH8	6.3	EV-7236-0	7	86	P4	4000	PENTODE SECTION.
6CH8	6.3	EV-8901-0	24	83	P4	3300	TRIODE SECTION.
6CJ6	6.3	EV-2073-1	51	87	P4	4600	CAP = P.
6CK4	6.3	JR-2507-0	44	89	P4	5500	
6CK6	6.3	EV-2713-6	0	91	P4	7000	
6CM8	6.3	EV-2673-0	11	84	P4	3500	PENTODE SECTION.
6CM8	6.3	EV-9108-0	12	65	P4	1500	TRIODE SECTION.
6CR6	6.3	JR-7563-2	12	72	P4	1950	PENTODE SECTION.
6CR6	6.3	JR-0203-0	0	45	P1	----	DIODE SECTION. NOTE 1.
6CR8	6.3	EV-2673-8	10	85	P4	3800	PENTODE SECTION.
6CR8	6.3	EV-9108-0	22	85	P4	4000	TRIODE SECTION.
6CU6	6.3	JR-5047-0	44	89	P4	5500	CAP = P.
6D4	6.3	JR-3705-0	--	96	P5	----	STRIKES AT ABOUT 70. NOTES 1 & 2.
6D5	6.3	JR-5307-0	52	73	P4	2000	
6D6	6.3	JR-0235-4	13	67	P4	1600	CAP = G.
6D7	6.3	JR-0236-4	22	57	P4	1225	CAP = G.
6D8	6.3	JR-0347-5	17	48	P4	1000	PENTODE SECTION. CAP = G.
6D8	6.3	JR-5647-3	17	73	P4	300	OSC. SECTION. OK ABOVE 190.
6DA6	6.3	EV-2783-9	13	78	P4	2500	
6DA7	6.3	EV-7608-0	22	79	P4	2600	TRIODE NO. 1.
6DA7	6.3	EV-3109-0	55	89	P4	5400	TRIODE NO. 2.
6DB6	6.3	JR-3562-7	10	74	P4	2050	GRID NO. 1.
6DB6	6.3	JR-7562-3	15	48	--	1000	GRID NO. 3. HOLD DOWN P1 & PRESS P4.
6DN6	6.3	JR-5073-0	28	93	--	9000	CAP = P. HOLD DOWN P1 & PRESS P4.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND.	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6DW5	6.3	EV-3917-0	42	87	P4	4500	
6DX4	6.3	JR-2305-0	27	86	P4	3800	
6E5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6E5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6E6	6.3	JR-5604-0	51	62	P4	1400	TRIODE NO. 1.
6E6	6.3	JR-3204-0	51	62	P4	1400	TRIODE NO. 2.
6E7	6.3	JR-0236-4	17	65	P4	1500	CAP = G.
6F4	6.3	JR-2306-0	29	90	P4	6000	
6F5	6.3	JR-0407-2	12	48	P4	1000	CAP = G.
6F6	6.3	JR-5347-2	23	73	P4	2000	
6F7	6.3	JR-0236-5	25	53	P4	1100	PENTODE SECTION. CAP = G.
6F7	6.3	JR-5436-2	38	0	P4	500	TRIODE SECTION.
6F8	6.3	JR-5607-0	23	79	P4	2600	TRIODE NO. 1.
6F8	6.3	JR-0304-0	23	79	P4	2600	TRIODE NO. 2. CAP = G.
6FH6	6.3	JR-5047-0	25	90	--	6000	CAP = P. HOLD DOWN P1 & PRESS P4.
6FR7	6.3	EV-7608-0	15	60	P4	1325	TRIODE NO. 1.
6FR7	6.3	EV-3109-0	60	90	P4	5325	TRIODE NO. 2.
6FW8	6.3	EV-7608-0	20	92	P4	7800	TRIODE NO. 1.
6FW8	6.3	EV-2103-0	20	92	P4	7800	TRIODE NO. 2.
6G5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6G5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6G6	6.3	JR-5347-0	23	74	P4	2100	
6GC6	6.3	JR-5073-0	45	90	P4	5500	CAP = P.
6GD7	6.3	EV-9678-0	11	81	P4	3000	PENTODE SECTION.
6GD7	6.3	EV-1203-0	20	88	P4	5000	TRIODE SECTION.
6GS8	6.3	EV-7821-9	0	10	--	550	PENTODE NO. 1. HOLD DOWN P1 & PRESS P4.
6GS8	6.3	EV-7321-6	0	10	--	550	PENTODE NO. 2. HOLD DOWN P1 & PRESS P4.
6GW5	6.3	JR-2305-0	21	88	P4	5000	
6H4	6.3	JR-0407-0	0	73	P1	----	NOTE 1.
6H5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6H5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6H6	6.3	JR-0507-0	0	73	P1	----	DIODE NO. 1. NOTE 1.
6H6	6.3	JR-0304-0	0	73	P1	----	DIODE NO. 2. NOTE 1.
6J5	6.3	JR-5307-2	23	79	P4	2600	
6J7	6.3	JR-0347-5	19	57	P4	1225	CAP = G.
6J8	6.3	JR-5347-6	12	48	P4	1000	HEPTODE SECTION. CAP = G.
6J8	6.3	JR-5647-3	34	0	P4	500	TRIODE SECTION.
6JAB	6.3	EV-7986-0	11	88	P4	4600	TETRODE SECTION.
6JAB	6.3	EV-2301-0	21	60	P4	1300	TRIODE SECTION.
6K4	6.3	DU-2105-0	31	82	P4	3200	
6K5	6.3	JR-0307-0	15	62	P4	1400	CAP = G.
6K7	6.3	JR-0347-5	18	63	P4	1450	CAP = G.
6K8	6.3	JR-5347-6	0	42	P4	900	HEXODE SECTION. CAP = G.
6K8	6.3	JR-5647-3	0	56	P4	1200	TRIODE SECTION.
6KS8	6.3	EV-7986-0	14	88	P4	5000	PENTODE SECTION.
6KS8	6.3	EV-2301-0	17	73	P4	2000	TRIODE SECTION.
6L4	6.3	JR-2306-0	29	81	P4	3000	
6L5	6.3	JR-5307-0	28	65	P4	1500	
6L7	6.3	JR-0347-5	22	21	P4	650	CAP GRID. CAP = G.
6L7	6.3	JR-5347-2	22	21	P4	650	PIN GRID.
6N4	6.3	JR-3502-0	6	87	P4	4500	
6N5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6N5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6N6	6.3	JR-5347-0	0	65	P4	1300	
6N7	6.3	JR-5607-3	17	65	P4	1500	TRIODE NO. 1.
6N7	6.3	JR-4307-6	17	65	P4	1500	TRIODE NO. 2.
6N8	6.3	EV-2613-9	10	75	P4	2200	PENTODE SECTION.
6N8	6.3	EV-2713-9	0	25	P1	----	DIODE NO. 1. NOTE 1.
6N8	6.3	EV-2813-9	0	25	P1	----	DIODE NO. 2. NOTE 1.
6P5	6.3	JR-5307-0	29	63	P4	1450	
6P7	6.3	BT-0457-6	25	53	P4	1100	PENTODE SECTION. CAP = G.
6P7	6.3	BT-8607-4	38	0	P4	500	TRIODE SECTION.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6Q4	6.3	EV-2903-0	13	88	P4	5000	
6Q5	6.3	JR-5307-0	--	95	P5	----	STRIKES AT ABOUT 52. NOTES 1 & 2.
6Q6	6.3	JR-0307-0	16	48	P4	1000	TRIODE SECTION. CAP = G.
6Q6	6.3	JR-0507-0	0	27	P1	----	DIODE NO. 1. NOTE 1.
6Q6	6.3	JR-0407-0	0	27	P1	----	DIODE NO. 2. NOTE 1.
6Q7	6.3	JR-0307-2	17	35	P4	800	TRIODE SECTION. CAP = G.
6Q7	6.3	JR-0507-3	0	27	P1	----	DIODE NO. 1. NOTE 1.
6Q7	6.3	JR-0407-3	0	27	P1	----	DIODE NO. 2. NOTE 1.
6R7	6.3	JR-0307-2	22	72	P4	1900	TRIODE SECTION. CAP = G.
6R7	6.3	JR-0507-3	0	30	P1	----	DIODE NO. 1. NOTE 1.
6R7	6.3	JR-0407-3	0	30	P1	----	DIODE NO. 2. NOTE 1.
6R8	6.3	EV-8907-2	24	72	P4	1900	TRIODE SECTION.
6R8	6.3	EV-0107-8	0	77	P1	----	DIODE NO. 1. NOTE 1.
6R8	6.3	EV-0607-8	0	77	P1	----	DIODE NO. 2. NOTE 1.
6R8	6.3	EV-0203-9	0	77	P1	----	DIODE NO. 3. NOTE 1.
6S7	6.3	JR-0347-5	22	58	P4	1250	CAP = G.
6S8	6.3	JX-0601-0	9	42	P4	900	TRIODE SECTION. CAP = G.
6S8	6.3	JX-0401-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
6S8	6.3	JX-0201-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
6S8	6.3	JX-0305-0	0	32	P1	----	DIODE NO. 3. NOTE 1.
6SA7	6.3	JR-5346-7	--	--	--	----	USE THIS SETTING FOR SHORT CHECK ONLY.
6SA7	6.3	JR-5406-7	30	81	P4	3000	DO NOT CHECK FOR SHORTS.
6SB7	6.3	JR-5346-7	--	--	--	----	USE THIS SETTING FOR SHORT CHECK ONLY.
6SB7	6.3	JR-5406-7	27	85	P4	4000	DO NOT CHECK FOR SHORTS.
6SC7	6.3	JX-4506-1	9	48	P4	1000	TRIODE NO. 1.
6SC7	6.3	JX-3106-5	9	48	P4	1000	TRIODE NO. 2.
6SD7	6.3	JR-4765-3	0	81	P4	3000	
6SF5	6.3	JX-3501-2	13	48	P4	1000	
6SF7	6.3	JX-1643-2	0	70	P4	1800	PENTODE SECTION.
6SF7	6.3	JX-0543-6	0	25	P1	----	DIODE SECTION. NOTE 1.
6SG7	6.3	JR-4765-2	0	79	P4	2600	
6SH7	6.3	JR-4765-2	0	79	P4	2600	
6SJ7	6.3	JR-4765-3	11	68	P4	1650	
6SK7	6.3	JR-4765-3	12	73	P4	2000	
6SL7	6.3	JX-4506-1	7	58	P4	1250	TRIODE NO. 1.
6SL7	6.3	JX-2103-5	7	58	P4	1250	TRIODE NO. 2.
6SQ7	6.3	JX-1603-2	0	53	P4	1100	TRIODE SECTION.
6SQ7	6.3	JX-0503-6	0	30	P1	----	DIODE NO. 1. NOTE 1.
6SQ7	6.3	JX-0403-6	0	30	P1	----	DIODE NO. 2. NOTE 1.
6SR7	6.3	JX-1603-2	23	72	P4	1900	TRIODE SECTION.
6SR7	6.3	JX-0503-6	0	30	P1	----	DIODE NO. 1. NOTE 1.
6SR7	6.3	JX-0403-6	0	30	P1	----	DIODE NO. 2. NOTE 1.
6SS7	6.3	JR-4765-3	13	71	P4	1850	
6ST7	6.3	JX-1603-2	20	72	P4	1900	TRIODE SECTION.
6ST7	6.3	JX-0503-6	0	0	P1	----	DIODE NO. 1. NOTE 1.
6ST7	6.3	JX-0403-6	0	0	P1	----	DIODE NO. 2. NOTE 1.
6SUT	6.3	JX-4506-1	8	56	P4	1200	TRIODE NO. 1.
6SUT	6.3	JX-2103-5	8	56	P4	1200	TRIODE NO. 2.
6SV7	6.3	JX-1643-0	6	74	P4	2100	PENTODE SECTION.
6SV7	6.3	JX-1543-0	0	73	P1	----	DIODE SECTION. NOTE 1.
6SZ7	6.3	JX-1603-2	11	56	P4	1200	TRIODE SECTION.
6SZ7	6.3	JX-0503-2	0	15	P1	----	DIODE NO. 1. NOTE 1.
6SZ7	6.3	JX-0403-2	0	15	P1	----	DIODE NO. 2. NOTE 1.
6T5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6T5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6T7	6.3	JR-0387-0	15	48	P4	1000	TRIODE SECTION. CAP = G.
6T7	6.3	JR-0507-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
6T7	6.3	JR-0407-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
6U3	6.3	EV-0903-0	0	60	P3	----	NOTE 1.
6U4	6.3	JX-0503-0	0	65	P3	----	NOTE 1.
6U5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6U5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6U6	6.3	JR-5347-0	31	86	P4	4200	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS
							FOR EXPLANATIONS - SEE BACK COVER
6U7	6.3	JR-0347-5	15	67	P4	1600	CAP = G.
6V4	6.3	EV-0703-1	0	21	P3	-----	PLATE NO. 1. NOTE 1.
6V4	6.3	EV-0103-7	0	21	P3	-----	PLATE NO. 2. NOTE 1.
6V8	6.3	EV-6103-8	13	56	P4	1200	TRIODE SECTION.
6V8	6.3	EV-0903-2	0	40	P1	-----	DIODE NO. 1. NOTE 1.
6V8	6.3	EV-0708-6	0	80	P1	-----	DIODE NO. 2. NOTE 1.
6V8	6.3	EV-0203-8	0	80	P1	-----	DIODE NO. 3. NOTE 1.
6W5	6.3	JR-0507-0	0	33	P3	-----	PLATE NO. 1. NOTE 1.
6W5	6.3	JR-0307-0	0	33	P3	-----	PLATE NO. 2. NOTE 1.
6W7	6.3	JR-0347-5	20	57	P4	1225	CAP = G.
6Y5	6.3	JR-0504-0	0	65	P3	-----	PLATE NO. 1. NOTE 1.
6Y5	6.3	JR-0304-0	0	65	P3	-----	PLATE NO. 2. NOTE 1.
6Y6	6.3	JR-5347-0	28	88	P4	5000	
6Y7	6.3	JR-5607-3	10	48	P4	1000	TRIODE NO. 1.
6Y7	6.3	JR-4307-6	10	48	P4	1000	TRIODE NO. 2.
6Z5	12.6	JS-0504-0	0	45	P3	-----	PLATE NO. 1. NOTE 1.
6Z5	12.6	JS-0304-0	0	45	P3	-----	PLATE NO. 2. NOTE 1.
6Z7	6.3	JR-5607-0	10	56	P4	1200	TRIODE NO. 1.
6Z7	6.3	JR-4307-0	10	56	P4	1200	TRIODE NO. 2.
6ZY5	6.3	JR-0507-0	0	30	P3	-----	PLATE NO. 1. NOTE 1.
6ZY5	6.3	JR-0307-0	0	30	P3	-----	PLATE NO. 2. NOTE 1.
7A4	6.3	JR-6207-0	23	79	P4	2600	
7A5	6.3	JR-6237-0	30	85	P4	4000	
7A6	6.3	JR-0607-5	0	70	P1	-----	DIODE NO. 1. NOTE 1.
7A6	6.3	JR-0302-5	0	70	P1	-----	DIODE NO. 2. NOTE 1.
7A7	6.3	JR-6237-4	0	73	P4	2000	
7A8	6.3	JR-4537-6	45	48	P4	1000	SECT. NO. 1
7A8	6.3	JR-4257-6	40	0	P4	500	SECT. NO. 2.
7AB7	6.3	HS-5314-0	0	67	P4	1600	
7AD7	6.3	JR-6237-4	0	88	P4	5000	
7AF7	6.3	JR-5607-0	23	79	P4	2600	TRIODE NO. 1.
7AF7	6.3	JR-4302-0	23	79	P4	2600	TRIODE NO. 2.
7AG7	6.3	JR-6237-4	0	75	P4	2200	
7AH7	6.3	JR-6237-4	0	79	P4	2700	
7AJ7	6.3	JR-6237-4	12	76	P4	2275	
7AK7	6.3	JR-6237-4	30	67	P4	1600	
7B4	6.3	JR-6207-0	9	65	P4	1500	
7B5	6.3	JR-6237-0	34	67	P4	1600	
7B6	6.3	JR-3207-0	0	53	P4	1100	TRIODE SECTION.
7B6	6.3	JR-0607-2	0	30	P1	-----	DIODE NO. 1. NOTE 1.
7B6	6.3	JR-0507-2	0	30	P1	-----	DIODE NO. 2. NOTE 1.
7B7	6.3	JR-6237-4	17	69	P4	1700	
7B8	6.3	JR-6257-4	16	48	P4	1000	PENTODE SECTION.
7B8	6.3	JR-4357-6	12	0	P4	500	OSC. SECTION.
7C4	6.3	JR-0407-0	0	70	P1	-----	DIODE. NOTE 1.
7C5	6.3	JR-6237-0	20	81	P4	3000	
7C6	6.3	JR-3207-0	4	15	P4	600	TRIODE SECTION.
7C6	6.3	JR-0607-2	0	34	P1	-----	DIODE NO. 1. NOTE 1.
7C6	6.3	JR-0507-2	0	34	P1	-----	DIODE NO. 2. NOTE 1.
7C7	6.3	JR-6237-4	22	60	P4	1300	
7E5	6.3	JS-1304-0	17	81	P4	3000	
7E6	6.3	JR-3207-0	23	72	P4	1900	TRIODE SECTION.
7E6	6.3	JR-0607-2	0	30	P1	-----	DIODE NO. 1. NOTE 1.
7E6	6.3	JR-0507-2	0	30	P1	-----	DIODE NO. 2. NOTE 1.
7E7	6.3	JR-6257-0	22	60	P4	1300	PENTODE SECTION.
7E7	6.3	JR-0407-2	0	0	P1	-----	DIODE NO. 1. NOTE 1.
7E7	6.3	JR-0307-2	0	0	P1	-----	DIODE NO. 2. NOTE 1.
7F7	6.3	JR-5607-3	10	60	P4	1300	TRIODE NO. 1.
7F7	6.3	JR-4302-6	10	60	P4	1300	TRIODE NO. 2.
7F8	6.3	HS-8605-0	7	85	P4	4000	TRIODE NO. 1.
7F8	6.3	HS-1304-0	7	85	P4	4000	TRIODE NO. 2.
7G7	6.3	JR-6237-4	20	73	P4	2000	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
7G8	6.3	JR-5736-2	7	74	P4	2100	TETRODE NO. 1.
7G8	6.3	JR-4236-7	7	74	P4	2100	TETRODE NO. 2.
7H7	6.3	JR-6237-4	0	81	P4	3000	
7J7	6.3	JR-6257-4	21	35	P4	800	HEPTODE SECTION.
7J7	6.3	JR-4357-6	6	48	P4	1000	TRIODE SECTION.
7K7	6.3	JR-4302-0	14	48	P4	1000	TRIODE SECTION.
7K7	6.3	JR-0507-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
7K7	6.3	JR-0607-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
7L7	6.3	JR-6237-4	12	73	P4	2000	
7N7	6.3	JR-5607-3	23	79	P4	2600	TRIODE NO. 1.
7N7	6.3	JR-4302-6	23	79	P4	2600	TRIODE NO. 2.
7Q7	6.3	JR-6237-4	0	35	P4	800	AMPL. SECTION.
7Q7	6.3	JR-4237-6	0	35	P4	800	OSC. SECTION.
7R7	6.3	JR-6257-0	0	78	P4	2500	PENTODE SECTION.
7R7	6.3	JR-0407-2	0	0	P1	----	DIODE NO. 1. NOTE 1.
7R7	6.3	JR-0307-2	0	0	P1	----	DIODE NO. 2. NOTE 1.
7S7	6.3	JR-6257-4	15	65	P4	1500	HEPTODE SECTION.
7S7	6.3	JR-4357-6	0	60	P4	1300	TRIODE SECTION.
7T7	6.3	JR-6237-4	0	78	P4	2500	
7V7	6.3	JR-6237-4	0	80	P4	2750	
7W7	6.3	JR-6237-5	0	80	P4	2750	
7X6	6.3	JR-0607-0	0	55	P3	----	PLATE NO. 1. NOTE 1.
7X6	6.3	JR-0302-0	0	55	P3	----	PLATE NO. 2. NOTE 1.
7X7	6.3	JR-3204-0	6	42	P4	900	TRIODE SECTION.
7X7	6.3	JR-0504-0	0	77	P1	----	DIODE NO. 1. NOTE 1.
7X7	6.3	JR-0607-0	0	77	P1	----	DIODE NO. 2. NOTE 1.
7Y4	6.3	JR-0607-0	0	33	P3	----	PLATE NO. 1. NOTE 1.
7Y4	6.3	JR-0307-0	0	33	P3	----	PLATE NO. 2. NOTE 1.
7Z4	6.3	JR-0607-0	0	24	P3	----	PLATE NO. 1. NOTE 1.
7Z4	6.3	JR-0307-0	0	24	P3	----	PLATE NO. 2. NOTE 1.
8CY7	7.5	EV-7608-0	15	48	P4	1000	TRIODE NO. 1.
8CY7	7.5	EV-2109-0	54	85	P4	3600	TRIODE NO. 2.
8HA6	7.5	EV-2761-3	10	89	P4	4500	
8HG8	7.5	EV-2893-0	11	84	P4	3000	PENTODE SECTION.
8HG8	7.5	EV-6703-0	33	84	P4	3400	TRIODE SECTION.
8JE8	7.5	EV-7986-0	12	87	P4	5100	PENTODE SECTION.
8JE8	7.5	EV-2301-0	18	77	P4	2500	TRIODE SECTION.
8JK8	7.5	EV-7608-9	21	78	P4	2500	TRIODE NO. 1.
8JK8	7.5	EV-2103-9	20	88	P4	3500	TRIODE NO. 2.
8JT8	7.5	EV-7986-0	10	88	P4	5000	PENTODE SECTION.
8JT8	7.5	EV-2301-0	19	31	P4	750	TRIODE SECTION.
8JU8	7.5	EV-0809-0	0	78	P1	----	DIODE NO. 1. NOTE 1.
8JU8	7.5	EV-0708-0	0	78	P1	----	DIODE NO. 2. NOTE 1.
8JU8	7.5	EV-0203-0	0	78	P1	----	DIODE NO. 3. NOTE 1.
8JU8	7.5	EV-0102-0	0	78	P1	----	DIODE NO. 4. NOTE 1.
8KS8	7.5	EV-7986-0	14	88	P4	5000	PENTODE SECTION.
8KS8	7.5	EV-2301-0	17	73	P4	2000	TRIODE SECTION.
8LE8	7.5	EV-9683-7	12	61	P4	1400	PENTODE NO. 1.
8LE8	7.5	EV-9183-2	12	61	P4	1400	PENTODE NO. 2.
8SN7	7.5	JX-4506-0	23	79	P4	2600	TRIODE NO. 1.
8SN7	7.5	JX-2103-0	23	79	P4	2600	TRIODE NO. 2.
9BR7	10.0	EV-2103-0	10	85	P4	4000	TRIODE SECTION.
9BR7	10.0	EV-0708-0	0	78	P1	----	DIODE NO. 1. NOTE 1.
9BR7	10.0	EV-0608-0	0	78	P1	----	DIODE NO. 2. NOTE 1.
9CL8	10.0	EV-9678-0	10	84	P4	3500	TETRODE SECTION.
9CL8	10.0	EV-1203-0	12	89	P4	6000	TRIODE SECTION.
9DZ8	10.0	EV-3672-0	20	88	P4	5000	PENTODE SECTION.
9DZ8	10.0	EV-1908-0	17	37	P4	850	TRIODE SECTION.
9U8	10.0	EV-2637-0	10	80	P4	2700	PENTODE SECTION.
9U8	10.0	EV-9108-0	18	88	P4	4900	TRIODE SECTION.
9X8	10.0	EV-7986-1	12	81	P4	3000	PENTODE SECTION.
9X8	10.0	EV-2386-1	20	84	P4	3500	TRIODE SECTION.
10	7.5	JR-3200-0	42	58	P4	1250	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS
							FOR EXPLANATIONS - SEE BACK COVER
10C8	10.0	EV-8679-0	13	85	P4	4000	PENTODE SECTION.
10C8	10.0	EV-2103-0	15	84	P4	3500	TRIODE SECTION.
10DA7	10.0	EV-7608-0	22	79	P4	2600	TRIODE NO. 1.
10DA7	10.0	EV-3109-0	55	89	P4	5400	TRIODE NO. 2.
10EB8	10.0	EV-7986-0	0	89	P4	6500	PENTODE SECTION.
10EB8	10.0	EV-2301-0	10	72	P4	2000	TRIODE SECTION.
10EW7	10.0	EV-7608-0	34	73	P4	1900	TRIODE NO. 1.
10EW7	10.0	EV-2109-0	61	91	P4	7500	TRIODE NO. 2.
10FD7	10.0	EV-7608-0	12	68	P4	1600	TRIODE NO. 1.
10FD7	10.0	EV-2109-0	54	91	P4	7500	TRIODE NO. 2.
10FR7	10.0	EV-7608-0	15	60	P4	1300	TRIODE NO. 1.
10FR7	10.0	EV-3109-0	60	90	P4	5300	TRIODE NO. 2.
10HA6	10.0	EV-2761-3	10	89	P4	4500	
11C5	10.0	JR-2763-0	23	87	P4	4500	
12A	5.0	JR-3200-0	44	68	P4	1650	
12A4	12.6	EV-2901-0	25	91	P4	7800	
12A5	12.6	JR-4235-0	35	70	P4	1800	
12A6	12.6	JR-5347-2	18	81	P4	3000	
12A7	12.6	JR-0236-5	40	47	P4	975	PENTODE SECTION. CAP = G.
12A7	12.6	JR-0504-2	0	40	P3	----	RECT. SECTION. NOTE 1.
12A8	12.6	JR-0347-5	11	48	P4	1000	PENTODE SECTION. CAP = G.
12A8	12.6	JR-5647-3	11	73	P4	300	OSC. SECTION. OK ABOVE 190.
12AB5	12.6	EV-3917-0	13	86	P4	4100	
12AC6	12.6	JR-2657-3	20	15	P1	----	OK ABOVE DIODES OK. MAKE NO GAS TEST. NOTE 1.
12AD6	12.6	JR-7652-3	30	25	P1	----	MAKE NO GAS TEST. NOTE 1.
12AD7	12.6	EV-7608-0	12	58	P4	1250	TRIODE NO. 1.
12AD7	12.6	EV-2103-0	12	58	P4	1250	TRIODE NO. 2.
12AE6	12.6	JR-0702-3	0	0	P1	----	TRIODE SECTION. OK ABOVE 700 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.
12AE6	12.6	JR-0602-0	0	26	P1	----	DIODE NO. 1. NOTE 1.
12AE6	12.6	JR-0502-0	0	26	P1	----	DIODE NO. 2. NOTE 1.
12AE7	12.6	EV-0608-7	0	67	P1	----	TRIODE NO. 1. MAKE NO GAS TEST. NOTE 1.
12AE7	12.6	EV-0103-2	0	70	P1	----	TRIODE NO. 2. MAKE NO GAS TEST. NOTE 1.
12AF6	12.6	JR-3567-2	26	55	--	1150	HOLD DOWN P1 & PRESS P4.
12AG6	12.6	JR-7652-3	30	50	P1	----	MAKE NO GAS TEST. NOTE 1.
12AH7	12.6	JX-5604-3	22	73	P4	2000	TRIODE NO. 1.
12AH7	12.6	JX-2301-6	22	73	P4	2000	TRIODE NO. 2.
12AJ6	12.6	JR-0702-3	0	0	P1	----	TRIODE SECTION. OK ABOVE 400 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.
12AJ6	12.6	JR-0602-0	0	26	P1	----	DIODE NO. 1. NOTE 1.
12AJ6	12.6	JR-0502-0	0	26	P1	----	DIODE NO. 2. NOTE 1.
12AL8	12.6	EV-0367-2	0	78	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12AL8	12.6	EV-0109-8	0	0	P1	----	TRIODE SECTION. OK ABOVE 500 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.
12AS5	12.6	JR-2763-0	0	89	P4	5600	
12AU8	12.6	EV-7986-0	9	87	P4	4500	PENTODE SECTION.
12AU8	12.6	EV-2301-0	15	86	P4	4000	TRIODE SECTION.
12AV7	12.6	EV-7608-2	12	88	P4	5000	TRIODE NO. 1.
12AV7	12.6	EV-2103-7	12	88	P4	5000	TRIODE NO. 2.
12AW6	12.6	JR-3562-7	10	81	P4	3000	
12AX4	12.6	JX-0503-0	0	35	P3	----	NOTE 1.
12B7	12.6	JR-6237-4	0	73	P4	2000	
12B8	12.6	JR-0342-0	15	70	P4	1800	PENTODE SECTION. CAP = G.
12B8	12.6	JR-7506-0	0	65	P4	1500	TRIODE SECTION.
12BH7	12.6	EV-7608-2	32	77	P4	2380	TRIODE NO. 1.
12BH7	12.6	EV-2103-7	32	77	P4	2380	TRIODE NO. 2.
12BK5	12.6	EV-3186-0	0	88	P4	5000	
12BK6	12.6	JR-3702-5	0	58	P4	1250	TRIODE SECTION.
12BK6	12.6	JR-0602-5	0	57	P1	----	DIODE NO. 1. NOTE 1.
12BK6	12.6	JR-0502-7	0	57	P1	----	DIODE NO. 2. NOTE 1.
12BL6	12.6	JR-2657-3	22	25	P1	----	MAKE NO GAS TEST. NOTE 1.
12BR7	12.6	EV-2103-0	10	85	P4	4000	TRIODE SECTION.
12BR7	12.6	EV-0708-0	0	78	P1	----	DIODE NO. 1. NOTE 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12BR7	12.6	EV-0608-0	0	78	P1	----	DIODE NO. 2. NOTE 1.
12BT6	12.6	JR-3702-0	12	60	P4	1300	TRIODE SECTION.
12BT6	12.6	JR-3602-0	0	57	P1	----	DIODE NO. 1. NOTE 1.
12BT6	12.6	JR-3502-0	0	57	P1	----	DIODE NO. 2. NOTE 1.
12BU6	12.6	JR-3702-0	28	65	P4	1500	TRIODE SECTION.
12BU6	12.6	JR-3602-0	0	50	P1	----	DIODE NO. 1. NOTE 1.
12BU6	12.6	JR-3502-0	0	50	P1	----	DIODE NO. 2. NOTE 1.
12BW4	12.6	EV-0709-1	0	20	P3	----	PLATE NO. 1. NOTE 1.
12BW4	12.6	EV-0109-7	0	20	P3	----	PLATE NO. 2. NOTE 1.
12BZ7	12.6	EV-7608-0	13	74	P4	2100	TRIODE NO. 1.
12BZ7	12.6	EV-2103-0	13	74	P4	2100	TRIODE NO. 2.
12C8	12.6	JR-0367-2	20	55	P4	1150	PENTODE SECTION. CAP = G.
12C8	12.6	JR-0507-3	0	18	P1	----	DIODE NO. 1. NOTE 1.
12C8	12.6	JR-0407-3	0	18	P1	----	DIODE NO. 2. NOTE 1.
12CM6	12.6	EV-3917-0	13	86	P4	4100	
12CN5	12.6	JR-0673-2	0	55	P1	----	MAKE NO GAS TEST. NOTE 1.
12BV7	12.6	EV-2781-3	0	90	P4	6500	
12CT8	12.6	EV-8679-0	9	87	P4	4500	PENTODE SECTION.
12CT8	12.6	EV-2103-0	15	86	P4	4000	TRIODE SECTION.
12CX6	12.6	JR-2657-3	0	55	P1	----	MAKE NO GAS TEST. NOTE 1.
12DE8	12.6	EV-7869-1	0	21	P1	----	PENTODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DE8	12.6	EV-0302-0	0	80	P1	----	DIODE SECTION. NOTE 1.
12DF5	12.6	EV-0608-0	0	20	P3	----	PLATE NO. 1. NOTE 1.
12DF5	12.6	EV-0103-0	0	20	P3	----	PLATE NO. 2. NOTE 1.
12DF7	12.6	EV-7608-0	12	58	P4	1250	TRIODE NO. 1.
12DF7	12.6	EV-2103-0	12	58	P4	1250	TRIODE NO. 2.
12DK6	12.6	JR-3562-7	12	83	P4	3000	
12DK7	12.6	EV-0372-1	0	65	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DK7	12.6	EV-0602-0	0	25	P1	----	DIODE NO. 1. NOTE 1.
12DK7	12.6	EV-0902-0	0	25	P1	----	DIODE NO. 2. NOTE 1.
12DL8	12.6	EV-0362-7	0	81	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DL8	12.6	EV-0908-0	0	43	P1	----	DIODE NO. 1. NOTE 1.
12DL8	12.6	EV-0108-0	0	43	P1	----	DIODE NO. 2. NOTE 1.
12DQ4	12.6	JX-0503-0	0	56	P3	----	NOTE 1.
12DQ7	12.6	EV-2781-3	0	90	P4	6500	
12DS7	12.6	EV-7368-0	0	78	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DS7	12.6	EV-0908-0	0	43	P1	----	DIODE NO. 1. NOTE 1.
12DS7	12.6	EV-0108-0	0	43	P1	----	DIODE NO. 2. NOTE 1.
12DU7	12.6	EV-0362-1	0	74	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DU7	12.6	EV-0902-0	0	7	P1	----	DIODE NO. 1. NOTE 1.
12DU7	12.6	EV-0702-0	0	7	P1	----	DIODE NO. 2. NOTE 1.
12DV7	12.6	EV-0608-7	0	0	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1. OK ABOVE 700 ON 3000 SCALE.
12DV7	12.6	EV-0301-0	0	7	P1	----	DIODE NO. 1. NOTE 1.
12DV7	12.6	EV-0201-0	0	7	P1	----	DIODE NO. 2. NOTE 1.
12DV8	12.6	EV-0362-7	0	79	P1	----	TETRODE SECTION. NOTE 1. MAKE NO GAS TEST.
12DV8	12.6	EV-0908-0	0	51	P1	----	DIODE NO. 1. NOTE 1.
12DV8	12.6	EV-0108-0	0	51	P1	----	DIODE NO. 2. NOTE 1.
12DW5	12.6	EV-3917-0	42	87	P4	4500	
12DW8	12.6	EV-7608-0	20	35	P1	----	TRIODE NO. 1. MAKE NO GAS TEST. NOTE 1.
12DW8	12.6	EV-2103-0	0	80	P1	----	TRIODE NO. 2. MAKE NO GAS TEST. NOTE 1.
12DW8	12.6	EV-0908-0	0	79	P1	----	DIODE SECTION. NOTE 1.
12DY8	12.6	EV-0362-1	0	73	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DY8	12.6	EV-0807-9	0	0	P1	----	TRIODE SECTION. OK ABOVE 1100 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.
12DZ6	12.6	JR-2657-3	0	66	P1	----	MAKE NO GAS TEST. NOTE 1.
12DZ8	12.6	EV-3672-0	20	88	P4	5000	PENTODE SECTION.
12DZ8	12.6	EV-1908-0	17	37	P4	850	TRIODE SECTION.
12EA6	12.6	JR-2657-3	0	60	P1	----	MAKE NO GAS TEST. NOTE 1.
12EC8	12.6	EV-0768-9	0	24	P1	----	PENTODE SECTION. MAKE NO GAS TEST. NOTE 1.
12EC8	12.6	EV-0203-1	0	44	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12ED5	12.6	JR-2763-0	20	89	P4	5500	
12EG6	12.6	JR-7652-3	0	56	P1	----	MAKE NO GAS TEST. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12EH5	12.6	JR-2763-0	21	88	P4	4200	
12EK6	12.6	JR-2657-3	0	63	P1	----	MAKE NO GAS TEST. NOTE 1.
12EL6	12.6	JR-0207-3	0	0	P1	----	TRIODE SECTION. OK ABOVE 450 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.
12EL6	12.6	JR-0607-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
12EL6	12.6	JR-0507-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
12EM6	12.6	EV-0362-1	0	65	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12EM6	12.6	EV-0902-0	0	25	P1	----	DIODE SECTION. NOTE 1.
12EN6	12.6	JR-5347-0	38	89	P4	6000	
12EQ7	12.6	EV-2763-1	20	58	P4	1200	PENTODE SECTION.
12EQ7	12.6	EV-0803-0	0	26	P1	----	DIODE SECTION. NOTE 1.
12EZ6	12.6	JR-2657-3	0	52	P1	----	MAKE NO GAS TEST. NOTE 1.
12F5	12.6	JR-0407-0	12	48	P4	1000	CAP = G.
12F8	12.6	EV-9237-8	25	0	P1	----	PENTODE SECTION. DK ABOVE DIODES OK. NOTE 1. MAKE NO GAS TEST.
12F8	12.6	EV-0607-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
12F8	12.6	EV-0107-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
12FK6	12.6	JR-3702-0	22	0	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1. OK ABOVE DIODES OK.
12FK6	12.6	JR-0602-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
12FK6	12.6	JR-0502-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
12FM6	12.6	JR-0702-3	0	26	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FM6	12.6	JR-0602-0	0	36	P1	----	DIODE NO. 1. NOTE 1.
12FM6	12.6	JR-0502-0	0	36	P1	----	DIODE NO. 2. NOTE 1.
12FR8	12.6	EV-3670-0	36	54	P1	----	PENTODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FR8	12.6	EV-1902-0	17	22	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FR8	12.6	EV-0802-0	0	40	P1	----	DIODE SECTION. NOTE 1.
12FT6	12.6	JR-3702-0	0	48	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FT6	12.6	JR-0602-0	0	51	P1	----	DIODE NO. 1. MAKE NO GAS TEST. NOTE 1.
12FT6	12.6	JR-0502-0	0	51	P1	----	DIODE NO. 2. MAKE NO GAS TEST. NOTE 1.
12FV7	12.6	EV-7608-0	30	86	P4	4000	TRIODE NO. 1.
12FV7	12.6	EV-2103-0	30	86	P4	4000	TRIODE NO. 2.
12FX8	12.6	EV-9137-2	30	41	P1	----	HEPTODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FX8	12.6	EV-0800-6	0	78	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12G4	12.6	JR-6307-0	23	79	P4	2600	
12G8	12.6	EV-0607-8	0	65	P1	----	TRIODE NO. 1. MAKE NO GAS TEST. NOTE 1.
12G8	12.6	EV-0102-3	0	25	P1	----	TRIODE NO. 2. MAKE NO GAS TEST. NOTE 1.
12GA6	12.6	JR-7652-3	30	22	P1	----	MAKE NO GAS TEST. NOTE 1.
12H6	12.6	JR-0507-2	0	73	P1	----	DIODE NO. 1. NOTE 1.
12H6	12.6	JR-0304-2	0	73	P1	----	DIODE NO. 2. NOTE 1.
12J5	12.6	JR-5307-2	23	79	P4	2600	
12J7	12.6	JR-0347-5	19	57	P4	1225	CAP = G.
12J8	12.6	EV-0362-1	0	65	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12J8	12.6	EV-0907-0	0	78	P1	----	DIODE NO. 1. NOTE 1.
12J8	12.6	EV-0807-0	0	82	P1	----	DIODE NO. 2. NOTE 1.
12K7	12.6	JR-0347-5	18	63	P4	1450	CAP = G.
12K8	12.6	JR-5347-6	0	42	P4	900	HEPTODE SECTION. CAP = G.
12K8	12.6	JR-5647-3	8	56	P4	1200	TRIODE SECTION.
12KL8	12.6	EV-2763-1	5	66	--	1600	PENTODE SECTION. HOLD DOWN P1 & PRESS P4.
12KL8	12.6	EV-0803-0	0	31	P1	----	DIODE SECTION. OK ABOVE DIODES OK. NOTE 1.
12L6	12.6	JR-5347-0	0	92	--	8000	HOLD DOWN P1 & PRESS P4.
12L8	12.6	JW-2751-3	0	69	P4	1700	PENTODE NO. 1.
12L8	12.6	JW-3451-2	0	69	P4	1700	PENTODE NO. 2.
12Q7	12.6	JR-0307-2	18	35	P4	800	TRIODE SECTION. CAP = G.
12Q7	12.6	JR-0507-3	0	27	P1	----	DIODE NO. 1. NOTE 1.
12Q7	12.6	JR-0407-3	0	27	P1	----	DIODE NO. 2. NOTE 1.
12R5	12.6	JR-2763-0	20	91	--	7000	HOLD DOWN P1 & PRESS P4.
12S8	12.6	JX-0601-0	9	42	P4	900	TRIODE SECTION. CAP = G.
12S8	12.6	JX-0305-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
12S8	12.6	JX-0401-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
12S8	12.6	JX-0201-0	0	32	P1	----	DIODE NO. 3. NOTE 1.
12SA7	12.6	JR-5346-7	--	--	--	----	USE THIS SETTING FOR SHORT CHECK ONLY.
12SA7	12.6	JR-5406-7	30	81	P4	3000	DO NOT CHECK FOR SHORTS.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS
							FOR EXPLANATIONS - SEE BACK COVER
12SC7	12.6	JX-4506-1	9	60	P4	1000	TRIODE NO. 1.
12SC7	12.6	JX-3106-5	9	60	P4	1000	TRIODE NO. 2.
12SF5	12.6	JX-3501-2	13	48	P4	1000	
12SF7	12.6	JX-1643-2	0	70	P4	1800	PENTODE SECTION.
12SF7	12.6	JX-0503-6	0	25	P1	----	DIODE SECTION. NOTE 1.
12SG7	12.6	JR-4765-2	0	79	P4	2600	
12SH7	12.6	JR-4765-2	0	79	P4	2600	
12SJ7	12.6	JR-4765-3	11	68	P4	1650	
12SK7	12.6	JR-4765-3	12	73	P4	2000	
12SL7	12.6	JX-4506-1	7	58	P4	1250	TRIODE NO. 1.
12SL7	12.6	JX-2103-5	7	58	P4	1250	TRIODE NO. 2.
12SQ7	12.6	JX-1603-2	0	53	P4	1100	TRIODE SECTION.
12SQ7	12.6	JX-0503-6	0	30	P1	----	DIODE NO. 1. NOTE 1.
12SQ7	12.6	JX-0403-6	0	30	P1	----	DIODE NO. 2. NOTE 1.
12SR7	12.6	JX-1603-2	23	72	P4	1900	TRIODE SECTION.
12SR7	12.6	JX-0503-6	0	30	P1	----	DIODE NO. 1. NOTE 1.
12SR7	12.6	JX-0403-6	0	30	P1	----	DIODE NO. 2. NOTE 1.
12SW7	12.6	JX-1603-2	19	72	P4	1900	TRIODE SECTION.
12SW7	12.6	JX-0503-6	0	30	P1	----	DIODE NO. 1. NOTE 1.
12SW7	12.6	JX-0403-6	0	30	P1	----	DIODE NO. 2. NOTE 1.
12SX7	12.6	JX-4506-1	22	79	P4	2600	TRIODE NO. 1.
12SX7	12.6	JX-2103-5	22	79	P4	2600	TRIODE NO. 2.
12SY7	12.6	JR-7346-5	9	31	P4	750	AMPL. SECTION.
12SY7	12.6	JR-5346-7	0	31	P4	750	OSC. SECTION.
12U7	12.6	EV-0608-7	0	0	P1	----	TRIODE NO. 1. OK ABOVE DIODES OK. MAKE NO GAS TEST. NOTE 1.
12U7	12.6	EV-0103-2	0	0	P1	----	TRIODE NO. 2. OK ABOVE DIODES OK. MAKE NO GAS TEST. NOTE 1.
12Z3	12.6	JR-0203-0	0	50	P3	----	NOTE 1.
13FR7	12.6	EV-7608-0	15	60	P4	1325	TRIODE NO. 1.
13FR7	12.6	EV-3109-0	60	90	P4	5325	TRIODE NO. 2.
14A4	12.6	JR-6207-0	23	79	P4	2600	
14A5	12.6	JR-6237-0	12	81	P4	3000	
14A7	12.6	JR-6237-4	0	73	P4	2000	
14AF7	12.6	JR-5607-0	23	79	P4	2600	TRIODE NO. 1.
14AF7	12.6	JR-4302-0	23	79	P4	2600	TRIODE NO. 2.
14B6	12.6	JR-3207-0	0	53	P4	1100	TRIODE SECTION.
14B6	12.6	JR-0607-2	0	36	P1	----	DIODE NO. 1. NOTE 1.
14B6	12.6	JR-0507-2	0	36	P1	----	DIODE NO. 2. NOTE 1.
14B8	12.6	JR-6257-4	16	48	P4	1000	PENTODE SECTION.
14B8	12.6	JR-4357-6	12	0	P4	500	OSC. SECTION.
14C5	12.6	JR-6237-0	20	81	P4	3000	
14C7	12.6	JR-6237-4	22	60	P4	1300	
14E6	12.6	JR-3207-0	23	72	P4	1900	TRIODE SECTION.
14E6	12.6	JR-0607-2	0	30	P1	----	DIODE NO. 1. NOTE 1.
14E6	12.6	JR-0507-2	0	30	P1	----	DIODE NO. 2. NOTE 1.
14E7	12.6	JR-6257-0	22	60	P4	1300	PENTODE SECTION.
14E7	12.6	JR-0407-2	0	0	P1	----	DIODE NO. 1. NOTE 1.
14E7	12.6	JR-0307-2	0	0	P1	----	DIODE NO. 2. NOTE 1.
14F7	12.6	JR-5607-3	10	60	P4	1300	TRIODE NO. 1.
14F7	12.6	JR-4302-6	10	60	P4	1300	TRIODE NO. 2.
14F8	12.6	HS-8605-0	7	85	P4	4000	TRIODE NO. 1.
14F8	12.6	HS-1304-0	7	85	P4	4000	TRIODE NO. 2.
14H7	12.6	JR-6237-4	0	81	P4	3000	
14J7	12.6	JR-6257-4	21	35	P4	800	HEPTODE SECTION.
14J7	12.6	JR-4357-6	6	48	P4	1000	TRIODE SECTION.
14N7	12.6	JR-5607-3	23	73	P4	2000	TRIODE NO. 1.
14N7	12.6	JR-4302-6	23	73	P4	2000	TRIODE NO. 2.
14Q7	12.6	JR-6237-4	0	35	P4	800	PENTODE SECTION.
14Q7	12.6	JR-4237-6	0	35	P4	800	OSC. SECTION.
14R7	12.6	JR-6257-0	0	78	P4	2500	PENTODE SECTION.
14R7	12.6	JR-0407-2	0	0	P1	----	DIODE NO. 1. NOTE 1.
14R7	12.6	JR-0307-2	0	0	P1	----	DIODE NO. 2. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
14S7	12.6	JR-6257-4	15	65	P4	1500	HEPTODE SECTION.
14S7	12.6	JR-4357-6	0	60	P4	1300	TRIODE SECTION.
14V7	12.6	JR-6237-4	0	80	P4	2750	
14W7	12.6	JR-6237-5	0	80	P4	2750	
14X7	12.6	JR-3204-0	6	42	P4	900	TRIODE SECTION.
14X7	12.6	JR-0504-0	0	77	P1	----	DIODE NO. 1. NOTE 1.
14X7	12.6	JR-0607-0	0	77	P1	----	DIODE NO. 2. NOTE 1.
14Y4	12.6	JR-0607-0	0	33	P3	----	PLATE NO. 1. NOTE 1.
14Y4	12.6	JR-0307-0	0	33	P3	----	PLATE NO. 2. NOTE 1.
14Z3	12.6	JR-0203-0	0	43	P3	----	NOTE 1.
15	2.0	JR-0234-0	0	27	--	700	CAP = G. HOLD DOWN P1, PRESS P4.
15A6	12.6	EV-2713-6	8	91	P4	7500	
15EA7	12.6	JX-4506-0	22	13	P4	500	TRIODE NO. 1. MAKE 'LINE TEST' AT 1950 ON 3000 SCALE.
15EA7	12.6	JX-2103-0	66	92	P4	9200	TRIODE NO. 2.
15EW6	12.6	JR-3562-7	11	88	P4	5300	MAKE 'LINE TEST' AT 1650 ON 3000 SCALE.
17AV5	20.0	JR-2573-0	22	89	P4	5500	MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17CA5	20.0	JR-2763-0	12	88	P4	5000	MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17DQ4	20.0	JX-0503-0	0	56	P3	----	NOTE 1.
17HC8	20.0	EV-3672-0	22	85	P4	3700	PENTODE SECTION. MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17HC8	20.0	EV-1908-0	10	70	P4	1850	TRIODE SECTION.
17JK8	20.0	EV-7608-9	21	78	P4	2500	TRIODE NO. 1. MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17JK8	20.0	EV-2103-9	20	88	P4	3500	TRIODE NO. 2. MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17L6	20.0	JR-5347-0	11	88	--	5500	HOLD DOWN P1 & PRESS P4. MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17R5	20.0	JR-2763-0	20	88	--	5000	MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
18DZ8	20.0	EV-3672-0	20	88	P4	5000	PENTODE SECTION.
18DZ8	20.0	EV-1908-0	17	37	P4	850	TRIODE SECTION.
18HB8	20.0	EV-9768-0	31	81	P4	2700	PENTODE SECTION. SET NORMAL-LIFE TEST SWITCH LIFE TEST POSITION.
18HB8	20.0	EV-1302-0	22	63	P4	1400	TRIODE SECTION. SET NORMAL-LIFE TEST SWITCH I LIFE TEST POSITION.
19	2.0	JR-4500-0	23	48	P4	1000	TRIODE NO. 1.
19	2.0	JR-3200-0	23	48	P4	1000	TRIODE NO. 2.
19BG6	20.0	JR-5073-0	12	90	P4	6000	CAP = P.
19C8	20.0	EV-8907-0	8	58	P4	1250	TRIODE SECTION.
19C8	20.0	EV-8607-0	0	77	P1	----	DIODE NO. 1. NOTE 1.
19C8	20.0	EV-8203-0	0	77	P1	----	DIODE NO. 2. NOTE 1.
19C8	20.0	EV-8107-0	0	77	P1	----	DIODE NO. 3. NOTE 1.
19DE7	20.0	EV-7608-0	29	73	P4	2000	TRIODE NO. 1.
19DE7	20.0	EV-2109-0	55	89	P4	6500	TRIODE NO. 2.
19J6	20.0	JR-5207-6	22	78	P4	2500	TRIODE NO. 1.
19J6	20.0	JR-6307-5	22	78	P4	2500	TRIODE NO. 2.
19T8	20.0	EV-8907-6	8	56	P4	1200	TRIODE SECTION.
19T8	20.0	EV-0607-1	0	77	P1	----	DIODE NO. 1. NOTE 1.
19T8	20.0	EV-0203-7	0	77	P1	----	DIODE NO. 2. NOTE 1.
19T8	20.0	EV-0107-8	0	77	P1	----	DIODE NO. 3. NOTE 1.
19V8	20.0	EV-6103-8	13	56	P4	1200	TRIODE SECTION.
19V8	20.0	EV-0903-2	0	40	P1	----	DIODE NO. 1. NOTE 1.
19V8	20.0	EV-0708-6	0	80	P1	----	DIODE NO. 2. NOTE 1.
19V8	20.0	EV-0203-8	0	80	P1	----	DIODE NO. 3. NOTE 1.
19X3	20.0	EV-0903-0	0	60	P3	----	NOTE 1.
19Y3	20.0	EV-0903-0	0	60	P3	----	NOTE 1.
RK20A	7.5	JR-3024-0	0	73	P4	2000	CAP = P.
20EQ7	20.0	EV-2763-1	20	58	P4	1200	PENTODE SECTION.
20EQ7	20.0	EV-0803-0	0	26	P1	----	DIODE SECTION. NOTE 1.
21A6	20.0	EV-2083-9	42	90	P4	6000	CAP = P.
21EX6	20.0	JR-5073-0	50	90	P4	6250	CAP = P. TUBES INDICATING SHORTS# RE-TEST USING JR-5023-0.
22	3.0	JR-0230-0	23	0	--	500	CAP = G. HOLD DOWN P1, PRESS P4.
24A	2.5	JR-0234-0	12	48	P4	1000	CAP = G.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
VT25A	7.5	JR-3200-0	30	73	P4	2000	
25A6	25.0	JR-5347-0	25	76	P4	2300	
25A7	25.0	JR-5347-6	28	70	P4	1800	PENTODE SECTION.
25A7	25.0	JR-0602-3	0	50	P3	----	RECT. SECTION. NOTE 1.
25AC5	25.0	JR-5307-0	0	65	P4	1500	
25B5	25.0	JR-4235-0	0	73	P4	2000	
25B6	25.0	JR-5347-0	55	85	P4	4000	
25B8	25.0	JR-0342-0	15	70	P4	1800	PENTODE SECTION. CAP = G.
25B8	25.0	JR-7506-0	0	65	P4	1500	TRIODE SECTION.
25C6	25.0	JR-5347-0	28	88	P4	5000	
25CU6	25.0	JR-5047-0	44	89	P4	5500	CAP = P.
25D8	25.0	JR-0342-0	16	72	P4	1900	PENTODE SECTION. CAP = G.
25D8	25.0	JR-5602-0	0	53	P4	1100	TRIODE SECTION.
25D8	25.0	JR-5702-0	0	50	P1	----	DIODE SECTION. NOTE 1.
25DK4	25.0	JR-0507-0	0	75	P3	----	NOTE 1.
25DQ6	25.0	JR-5047-0	25	90	--	6000	CAP = P. HOLD DOWN P1 & PRESS P4.
25DT5	25.0	EV-3917-0	22	89	P4	6000	
25N6	25.0	JR-5347-0	0	73	P4	2000	
25W6	25.0	JR-5347-0	35	87	P4	4500	
25Y5	25.0	JR-0504-0	0	40	P3	----	PLATE NO. 1. NOTE 1.
25Y5	25.0	JR-0203-0	0	40	P3	----	PLATE NO. 2. NOTE 1.
25Z5	25.0	JR-0504-0	0	55	P3	----	PLATE NO. 1. NOTE 1.
25Z5	25.0	JR-0203-0	0	55	P3	----	PLATE NO. 2. NOTE 1.
25Z6	25.0	JR-0507-2	0	55	P3	----	PLATE NO. 1. NOTE 1.
25Z6	25.0	JR-0304-2	0	55	P3	----	PLATE NO. 2. NOTE 1.
26	1.5	JR-3200-0	39	55	P4	1150	
26A6	25.0	JR-3567-2	0	81	P4	3000	
26A7	25.0	JW-2751-3	0	87	--	4500	PENTODE NO. 1. HOLD DOWN P1 & PRESS P4
26A7	25.0	JW-3451-2	0	87	--	4500	PENTODE NO. 2. HOLD DOWN P1 & PRESS P4
26BK6	25.0	JR-3702-5	0	58	P4	1250	TRIODE SECTION.
26BK6	25.0	JR-0602-5	0	57	P1	----	DIODE NO. 1. NOTE 1.
26BK6	25.0	JR-0502-7	0	57	P1	----	DIODE NO. 2. NOTE 1.
26C6	25.0	JR-3702-0	23	72	P4	1900	TRIODE SECTION.
26C6	25.0	JR-3602-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
26C6	25.0	JR-3502-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
26D6	25.0	JR-7562-3	0	35	--	800	AMPL. SECTION. HOLD DOWN P1 & PRESS P4
26D6	25.0	JR-3602-7	20	90	P4	6500	OSC. SECTION.
26E6	25.0	JR-5347-0	25	90	P4	6000	
26Z5W	25.0	EV-0608-0	0	50	P3	----	PLATE NO. 1. NOTE 1.
26Z5W	25.0	EV-0103-0	0	50	P3	----	PLATE NO. 2. NOTE 1.
27	2.5	JR-3204-0	41	48	P4	1000	
30	2.0	JR-3200-0	43	42	P4	900	
31	2.0	JR-3200-0	41	44	P4	925	
32	2.0	JR-0230-0	20	20	--	640	CAP = G. HOLD DOWN P1 & PRESS P4
32L7	35.0	JR-5347-0	32	88	P4	4800	AMPL. SECTION.
32L7	35.0	JR-0602-3	0	50	P3	----	RECT. SECTION. NOTE 1.
33	2.0	JR-3240-0	27	60	P4	1300	
RK33	6.3	JR-4506-0	35	62	P4	1375	TRIODE NO. 1.
RK33	6.3	JR-0302-0	35	62	P4	1375	TRIODE NO. 2. CAP = G.
34	2.0	JR-0230-0	16	15	--	600	CAP = G. HOLD DOWN P1, PRESS P4.
35	2.5	JR-0234-0	22	49	P4	1020	CAP = G.
35A5	35.0	JR-6237-0	20	90	P4	5900	
35CD6	35.0	JR-5073-0	35	90	P4	6500	CAP = P.
35DZ8	35.0	EV-3672-0	20	88	P4	5000	PENTODE SECTION.
35DZ8	35.0	EV-1908-0	17	37	P4	850	TRIODE SECTION.
35Y4	BLST	JR-0247-0	--	--	--	----	SHORT ON 1-2-3-5.
35Y4	35.0	JR-0207-0	0	65	P3	----	RECT. SECTION. NOTE 1.
35Z3	35.0	JR-0207-0	0	65	P3	----	NOTE 1.
35Z4	35.0	JR-0507-0	0	67	P3	----	NOTE 1.
35Z6	35.0	JR-0507-0	0	67	P3	----	PLATE NO. 1. NOTE 1.
35Z6	35.0	JR-0304-0	0	67	P3	----	PLATE NO. 2. NOTE 1.
36	6.3	JR-0234-0	31	50	P4	1050	CAP = G.
37	6.3	JR-3204-0	39	42	P4	900	

NOTATIONS
FOR EXPLANATIONS - SEE BACK COVER

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	
38	6.3	JR-0234-0	35	50	P4	1050	CAP = G.
39/44	6.3	JR-0234-0	25	48	P4	1000	CAP * G.
40	5.0	JR-3200-0	32	--	P4	200	OK ABOVE 125.
40Z5	BLST	JR-0537-0	--	--	--	----	SHORT ON 1-2-3-4-5. SHORT ON 1-2-3-5 FOR TEST HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000.
40Z5	50.0	JR-0507-0	0	67	P3	----	RECT. SECTION. NOTE 1.
41	6.3	JR-4235-0	34	67	P4	1600	
42	6.3	JR-4235-0	23	73	P4	2000	
43	25.0	JR-4235-0	22	76	P4	2300	
45	2.5	JR-3200-0	57	71	P4	1850	
45Z3	50.0	HT-0208-0	0	58	P3	----	NOTE 1.
45Z5	BLST	JR-0537-0	--	--	--	----	SHORT ON 1-2-3-4-5. SHORT ON 1-2-3-5 FOR TEST HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000.
45Z5	50.0	JR-0507-0	0	67	P3	----	RECT. SECTION. NOTE 1.
46	2.5	JR-3240-0	0	73	P4	2000	
47	2.5	JR-3240-0	0	73	P4	2000	
48	25.0	JR-4235-0	45	73	P4	2000	
49	2.0	JR-3240-0	49	54	P4	1125	
50	7.5	JR-3200-0	60	65	P4	1500	
50A5	50.0	JR-6237-0	10	91	P4	7500	
50B5	50.0	JR-3562-0	20	91	--	7500	HOLD DOWN P1 & PRESS P4.
50BK5	50.0	EV-3186-0	0	88	P4	5000	
50C6	50.0	JR-5347-2	28	88	P4	5000	
50CA5	50.0	JR-2763-0	20	89	P4	5500	
50FA5	50.0	JR-2763-0	34	88	P4	4300	
50FY8	50.0	EV-3672-0	28	86	P4	4000	PENTODE SECTION.
50FY8	50.0	EV-1908-0	20	72	P4	1900	TRIODE SECTION.
50L6	50.0	JR-5347-0	0	92	--	8000	HOLD DOWN P1 & PRESS P4
50X6	50.0	JR-0607-5	0	60	P3	----	PLATE NO. 1. NOTE 1.
50X6	50.0	JR-0302-5	0	60	P3	----	PLATE NO. 2. NOTE 1.
50Y6	50.0	JR-0507-0	0	62	P3	----	PLATE NO. 1. NOTE 1.
50Y6	50.0	JR-0304-0	0	62	P3	----	PLATE NO. 2. NOTE 1.
50Y7	BLST	JR-0060-0	--	--	--	----	SHORT ON 1-2-3-5.
50Y7	50.0	JR-0507-0	0	62	P3	----	PLATE NO. 1. NOTE 1.
50Y7	50.0	JR-0304-0	0	62	P3	----	PLATE NO. 2. NOTE 1.
50Z7	BLST	JR-0060-0	--	--	--	----	SHORT ON 1-2-3-4-5. SHORT ON 1-2-3-5 FOR TEST HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000.
50Z7	50.0	JR-0507-0	0	62	P3	----	PLATE NO. 1. NOTE 1.
50Z7	50.0	JR-0304-0	0	62	P3	----	PLATE NO. 2. NOTE 1.
51/51S	2.5	JR-0234-0	24	47	P4	975	CAP = G.
52	6.3	JR-3240-0	0	77	P4	2400	
53	2.5	JR-5604-2	0	65	P4	1500	TRIODE NO. 1.
53	2.5	JR-3204-6	0	65	P4	1500	TRIODE NO. 2.
55	2.5	JR-0205-0	42	47	P4	975	TRIODE SECTION. CAP * G.
55	2.5	JR-0405-0	0	25	P1	----	DIDDE NO. 1. NOTE 1.
55	2.5	JR-0305-0	0	25	P1	----	DIDDE NO. 2. NOTE 1.
56	2.5	JR-3204-0	30	63	P4	1450	
57	2.5	JR-0235-4	20	57	P4	1225	CAP = G.
58	2.5	JR-0235-4	13	67	P4	1600	CAP = G.
58A/58AS	6.3	JR-0235-4	22	63	P4	1450	CAP = G.
59	2.5	JR-4236-5	0	73	P4	2000	
VT67	2.0	JR-3200-0	40	42	P4	900	
HY69	6.3	JR-3024-0	0	81	P4	3000	CAP = P.
70A7	75.0	JR-5347-0	50	81	P4	3000	PENTODE SECTION.
70A7	75.0	JR-0200-0	0	58	P3	----	RECT. SECTION. REVERSE METER. NOTE 1.
70L7	75.0	JR-5346-0	34	88	P4	5000	PENTODE SECTION.
70L7	75.0	JR-0702-3	0	65	P3	----	RECT. SECTION. NOTE 1.
71A	5.0	JR-3200-0	69	68	P4	1650	
75	6.3	JR-0205-0	14	31	P4	750	TRIODE SECTION. CAP = G.
75	6.3	JR-0405-2	0	25	P1	----	DIODE NO. 1. NOTE 1.

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TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
75	6.3	JR-0305-2	0	25	P1	----	DIODE NO. 2. NOTE 1.
75MG	6.3	JR-0407-0	14	31	P4	750	TRIODE SECTION. CAP = G.
75MG	6.3	JR-0507-0	0	25	P1	----	DIODE NO. 1. NOTE 1.
75MG	6.3	JR-0607-0	0	25	P1	----	DIODE NO. 2. NOTE 1.
76	6.3	JR-3204-0	30	63	P4	1450	
77	6.3	JR-0235-4	20	57	P4	1225	CAP = G.
78	6.3	JR-0235-4	24	63	P4	1450	CAP = G.
79	6.3	JR-0504-0	10	48	P4	1000	TRIODE NO. 1. CAP = G.
79	6.3	JR-3204-0	10	48	P4	1000	TRIODE NO. 2.
81	7.5	JR-0200-0	0	60	P1	----	NOTE 1.
82	2.5	JR-0300-0	0	54	P3	----	PLATE NO. 1. NOTE 1.
82	2.5	JR-0200-0	0	54	P3	----	PLATE NO. 2. NOTE 1.
83V	5.0	JR-0300-0	0	60	P3	----	PLATE NO. 1. NOTE 1.
83V	5.0	JR-0200-0	0	60	P3	----	PLATE NO. 2. NOTE 1.
84	6.3	JR-0304-0	0	45	P3	----	PLATE NO. 1. NOTE 1.
84	6.3	JR-0204-0	0	45	P3	----	PLATE NO. 2. NOTE 1.
85	6.3	JR-0205-0	42	47	P4	975	TRIODE SECTION. CAP = G.
85	6.3	JR-0405-2	0	25	P1	----	DIODE NO. 1. NOTE 1.
85	6.3	JR-0305-2	0	25	P1	----	DIODE NO. 2. NOTE 1.
85AS	6.3	JR-0205-0	25	53	P4	1100	TRIODE SECTION. CAP = G.
85AS	6.3	JR-0405-2	0	25	P1	----	DIODE NO. 1. NOTE 1.
85AS	6.3	JR-0305-2	0	25	P1	----	DIODE NO. 2. NOTE 1.
89/89Y	6.3	JR-0235-4	29	66	P4	1550	CAP = G.
99	3.0	JR-3200-0	57	73	P4	425	OK ABOVE 270.
112A	5.0	JR-3200-0	45	68	P4	1650	
CK113	50.0	JR-5347-6	48	70	P4	1800	PENTODE SECTION.
CK113	50.0	JR-0602-0	0	60	P3	----	RECT. SECTION. NOTE 1.
HY114	1.5	JR-0000-0	27	53	P4	1100	RIGHT CAP = P. LEFT CAP = G.
117L7/M7	17.0	JR-4357-0	22	85	P4	4000	PENTODE SECTION.
117L7/M7	17.0	JR-0602-0	0	65	P3	----	RECT. SECTION. NOTE 1.
117N7	17.0	JR-4356-0	37	88	P4	5000	PENTODE SECTION.
117N7	17.0	JR-0700-0	0	70	--	----	RECT. SECTION. REVERSE METER. HOLD DOWN P6 AND PRESS P3.
117P7	17.0	JR-4356-0	20	85	P4	4000	PENTODE SECTION.
117P7	17.0	JR-0700-0	0	70	--	----	RECT. SECTION. REVERSE METER. HOLD DOWN P6 AND PRESS P3.
117Z3	17.0	JR-0506-0	0	60	P3	----	NOTE 1.
117Z6	17.0	JR-0507-0	0	65	P3	----	PLATE NO. 1. NOTE 1.
117Z6	17.0	JR-0304-0	0	65	P3	----	PLATE NO. 2. NOTE 1.
X-155	6.3	EV-7608-9	20	88	P4	5000	TRIODE NO. 1.
X-155	6.3	EV-2103-9	20	88	P4	5000	TRIODE NO. 2.
GL502	6.3	JR-5367-0	--	55	P3	----	STRIKES AT ABOUT 70. NOTES 1 & 2.
CK502AX	1.1	DV-4120-0	21	7	--	550	HOLD DOWN P1 & PRESS P4.
CK503AX	1.1	DV-4120-0	23	7	--	550	HOLD DOWN P1 & PRESS P4.
CK512AX	0.6	DV-4210-0	0	0	P1	----	OK ABOVE 300 ON 3000 SCALE. NOTE 1.
CK518AX	1.1	DV-4120-0	45	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK522AX	1.1	DV-4120-0	40	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK523AX	1.1	DV-4120-0	47	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK524AX	1.1	DV-4120-0	76	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK525AX	1.1	DV-4120-0	50	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK526AX	1.1	DV-4120-0	59	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK527AX	1.1	DV-4120-0	36	0	P5	----	OK ABOVE 200 ON 3000 SCALE. NOTE 1.
CK528AX	1.1	DV-4120-0	37	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK529AX	1.1	DV-4120-0	64	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK533AX	1.1	DV-4120-0	43	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK535AX	1.1	DV-4120-0	64	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK536AX	1.1	DV-4120-0	43	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK541DX	1.1	DV-4120-0	37	0	P5	----	OK ABOVE 300 ON 3000 SCALE. NOTE 1.
CK542DX	1.1	DV-4210-0	15	0	P1	----	OK ABOVE 500 ON 3000 SCALE. NOTE 1.
CK543DX	0.6	DV-4210-0	0	0	P1	----	OK ABOVE 275 ON 3000 SCALE. NOTE 1.
CK544DX	1.1	DV-4120-0	32	0	P5	----	OK ABOVE 300 ON 3000 SCALE. NOTE 1.
CK546DX	1.5	DV-4210-0	0	0	P1	----	OK ABOVE 700 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND.	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
GL546	6.3	JR-3752-0	--	66	P3	----	STRIKES AT ABOUT 72. NOTES 1 & 2. OK ABOVE 500 ON 3000 SCALE. NOTE 1. OK ABOVE 500 ON 3000 SCALE. NOTE 1. PENTODE SECTION.
CK547DX	1.1	DV-4120-0	33	0	P5	----	
CK548DX	1.1	DV-4120-0	49	0	P5	----	
TS251	50.0	JR-5347-6	28	70	P4	1800	
TS251	50.0	JR-0602-3	0	50	P3	----	RECT. SECTION. NOTE 1.
396A	6.3	KR-7608-0	20	88	P4	5000	TRIODE NO. 1.
396A	6.3	KR-3402-0	20	88	P4	5000	TRIODE NO. 2.
399A	1.1	DX-6210-0	0	48	--	1000	HOLD DOWN P1 & PRESS P4.
401A	6.3	JR-3567-0	10	73	--	2000	HOLD DOWN P1 & PRESS P4.
403A	6.3	JR-3562-0	24	65	P4	1500	
403B	6.3	JR-3562-0	0	86	P4	3200	
420A	12.6	EV-6807-3	0	56	P4	1200	TRIODE NO. 1.
420A	12.6	EV-3102-6	0	56	P4	1200	TRIODE NO. 2.
CK505AX	0.6	DV-4210-0	0	0	P1	----	OK ABOVE 275 ON 3000 SCALE. NOTE 1.
CK506AX	1.1	DV-4120-0	35	0	--	500	HOLD DOWN P1 & PRESS P4.
CK510AX	0.6	EX-1230-0	0	0	P5	----	OK ABOVE 100 ON 3000 SCALE. NOTE 1.
CK510AX	0.6	EX-6530-0	0	0	P5	----	OK ABOVE 100 ON 3000 SCALE. NOTE 1.
CK556AX	1.1	ES-3100-0	30	67	P4	1600	
CK568AX	1.1	ES-3100-0	38	21	P4	650	
CK569AX	1.1	DV-4120-0	12	31	--	750	HOLD DOWN P1 & PRESS P4.
CK571AX	1.1	DU-7120-0	60	73	--	160	HOLD DOWN P1 & PRESS P4. OK ABOVE 100.
CK573AX	1.1	CU-3100-0	42	73	P4	2000	
CK574AX	0.6	DV-4210-0	0	0	P1	----	OK ABOVE 275 ON 3000 SCALE. NOTE 1.
CK578AX	1.1	DV-4120-0	37	42	P4	900	
CK605CX	6.3	DU-7126-5	24	65	P4	1500	
CK606BX	6.3	CT-0104-0	0	79	P1	----	DIODE. NOTE 1.
CK608CX	6.3	DU-5106-0	26	81	P4	3000	
CK619CX	6.3	CT-4105-0	16	73	P4	2000	
629	2.5	JR-3204-0	--	92	P5	----	STRIKES AT ABOUT 22. NOTES 1 & 2.
801A	7.5	JR-3200-0	0	65	P4	1500	
802	6.3	JR-4036-5	0	73	P4	2000	CAP = P.
807	6.3	JR-3024-0	25	85	P4	3800	CAP = P.
809	6.3	JR-3000-0	0	69	P4	1700	CAP = P.
811	6.3	JR-3000-0	0	60	P4	1350	CAP = P.
812	6.3	JR-3000-0	0	75	P4	2000	CAP = P.
815	6.3	HV-8043-1	25	86	P4	4000	PENTODE NO. 1. LEFT CAP = P.
815	6.3	CV-1043-8	25	86	P4	4000	PENTODE NO. 2. RIGHT CAP = P.
816	3.0	JR-0000-0	0	70	P3	----	CAP = P. NOTE 1.
SD828A	6.3	EW-3152-0	22	73	P4	2000	
SD828E	6.3	EW-3051-2	17	80	P4	2900	TOP LEAD = P.
834	7.5	JR-0000-0	0	68	P4	1650	NEAR CAP = G. FAR CAP = P.
836	4.3	JR-0000-0	0	55	P3	----	CAP = P. NOTE 1.
837	12.6	JR-4036-5	0	80	P4	2850	CAP = P.
841	7.5	JR-3200-0	15	48	P4	1000	
842	7.5	JR-3200-0	52	55	P4	1150	
843	2.5	JR-3204-0	12	67	P4	1625	
864	1.1	JR-3200-0	45	21	P4	650	
865	7.5	JR-3020-0	35	18	P4	625	CAP = P.
879	2.5	JR-0000-0	0	87	P5	----	CAP = P. NOTE 1.
SD917A	6.3	DU-2105-0	22	65	P4	1500	
SN944	6.3	EW-3051-2	15	77	P4	2400	TOP LEAD = P.
SN946	6.3	CT-0104-0	0	79	P1	----	DIODE. NOTE 1.
SN946B	6.3	CT-0104-0	0	79	P1	----	DIODE. NOTE 1.
SN947C	6.3	CU-6135-0	44	87	P4	4500	
SN947D	6.3	DW-1572-0	44	87	P4	4500	
SN949C	6.3	DW-7105-2	--	65	P3	----	STRIKES AT ABOUT 78. NOTES 1 & 2.
950	2.0	JR-3240-0	45	45	P4	950	
951	2.0	JR-0230-0	17	35	--	800	CAP = G. HOLD DOWN P1 & PRESS P4
SN953D	6.3	DW-1572-0	15	87	P4	4700	
954	6.3	JR-7036-4	23	53	P4	1100	CAP = P.
SN954	6.3	ES-0103-0	0	40	P3	----	NOTE 1.
SN954B	6.3	DW-0205-0	0	40	P3	----	NOTE 1.
955	6.3	JR-4306-0	24	72	P4	1900	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
SN955B	6.3	DW-1708-4	19	81	P4	3000	TRIODE NO. 1.
SN955B	6.3	DW-2508-4	19	81	P4	3000	TRIODE NO. 2.
956	6.3	JR-7036-4	17	65	P4	1500	CAP = P.
SN956B	1.1	BS-0000-0	0	0	P3	----	TOP LEAD = P. CONNECT FIL LEADS TO PINS 1 & 2 OK ABOVE 200 ON 3000 SCALE. NOTE 1.
957	1.5	JR-4300-0	33	21	P4	650	
SN957A	6.3	FT-4102-0	29	75	P4	2200	
958	1.5	JR-4300-0	39	56	P4	1200	
959	1.5	JR-7030-0	20	15	--	600	CAP = P. HOLD DOWN P1 & PRESS P4
SN972D	6.3	DW-1574-0	19	73	P4	2000	
SN973B	6.3	GT-1574-0	19	78	P4	2500	
SN976C	6.3	DW-1572-0	44	87	P4	4500	
SD993C	6.3	DW-1805-0	25	84	P4	3600	
SD995B	6.3	DW-1574-0	19	73	P4	2000	
FM-1000	6.3	JR-2453-6	0	31	P4	750	NO. 1. GRID.
FM-1000	6.3	JR-6453-2	0	42	P4	900	NO. 2. GRID.
1005	6.3	GX-0305-0	0	96	P5	----	PLATE NO. 1. NOTE 1.
1005	6.3	GX-0503-0	0	96	P5	----	PLATE NO. 2. NOTE 1.
SN1006	6.3	FT-4102-0	19	62	P4	1400	
CK1027	---	AP-0807-0	0	91	P5	----	CAP = P. NOTE 1.
CK1042	---	AP-0105-0	0	40	P2	----	NOTE 1.
E1148	6.3	JR-0007-0	0	75	P4	2200	UPPER CAP = P. LOWER CAP = G.
1201	6.3	JS-1304-0	17	81	P4	3000	
1203	6.3	JR-0407-0	0	70	P1	----	DIODE. NOTE 1.
1204	6.3	HS-5314-0	0	67	P4	1600	
1216	6.3	JR-5207-0	26	81	P4	3000	TRIODE NO. 1.
1216	6.3	JR-6307-0	26	81	P4	3000	TRIODE NO. 2.
1229	2.0	JR-0230-0	20	20	--	640	
1230	2.0	JR-3200-0	43	42	P4	900	CAP = G. HOLD DOWN P1 & PRESS P4
1231	6.3	JR-6237-4	16	78	P4	2500	
1232	6.3	JR-6237-4	20	73	P4	2000	
1237	2.5	JR-0300-0	0	77	P3	----	PLATE NO. 1. NOTE 1.
1237	2.5	JR-0600-0	0	77	P3	----	PLATE NO. 2. NOTE 1.
1247	0.6	EV-0000-0	0	0	P1	----	TOP LEAD = P. DIODE. NOTE 1.
HY1269	12.6	JR-3024-0	0	85	P4	4000	CAP = P. SHORT ON 3. SHORT ON 1 FOR TESTERS HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000.
1273	6.3	JR-6237-4	22	60	P4	1300	
1274	6.3	JR-0507-3	0	33	P3	----	PLATE NO. 1. NOTE 1.
1274	6.3	JR-0307-5	0	33	P3	----	PLATE NO. 2. NOTE 1.
1280	12.6	JR-6237-4	22	60	P4	1300	
1284	12.6	JR-6237-4	23	73	P4	2000	
1285	25.0	JR-5347-0	33	88	P4	5000	
1291	2.5	BY-6700-0	27	65	P4	1500	TRIODE NO. 1.
1291	2.5	JR-3200-0	27	65	P4	1500	TRIODE NO. 2.
1293	1.5	JR-6200-0	28	60	P4	1300	
1294	1.5	JR-0407-0	0	40	P1	----	NOTE 1.
1299	2.5	JR-6230-0	36	74	P4	2100	
SR1553D	6.3	JR-2305-0	0	89	P4	5300	
1603	6.3	JR-0235-4	20	57	P4	1225	CAP = G.
1609	1.1	JR-3240-0	0	27	--	700	HOLD DOWN P1 & PRESS P4.
1612	6.3	JR-0347-5	23	21	P4	650	CAP GRID. CAP = G.
1612	6.3	JR-5347-2	23	21	P4	650	PIN GRID.
1613	6.3	JR-5347-0	23	73	P4	2000	
1614	6.3	JR-5347-2	17	88	P4	5000	
1619	2.5	JR-5340-7	12	83	P4	3400	
1620	6.3	JR-0347-5	20	57	P4	1225	CAP = G.
1621	6.3	JR-5347-0	23	73	P4	2000	
1622	6.3	JR-5347-0	17	88	P4	5000	
1623	6.3	JR-3000-0	0	75	P4	2200	CAP = P.
1624	2.5	JR-3020-0	0	82	P4	3200	CAP = P.
1625	12.6	JR-4036-0	25	85	P4	3800	CAP = P.
1626	12.6	JR-5307-0	46	74	P4	2100	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
1629	12.6	JR-5407-0	--	--	P4	----	EYE OPEN.
1629	12.6	JR-5437-0	--	--	P4	----	EYE CLOSED.
1631	12.6	JR-5347-2	17	88	P4	5000	
1632	12.6	JR-5347-0	0	92	--	8000	HOLD DOWN P1 & PRESS P4.
1633	25.0	JX-4506-0	23	79	P4	2600	TRIODE NO. 1.
1633	25.0	JX-2103-0	23	79	P4	2600	TRIODE NO. 2.
1634	12.6	JX-4506-2	0	60	P4	1325	TRIODE NO. 1.
1634	12.6	JX-3106-2	0	60	P4	1325	TRIODE NO. 2.
1635	6.3	JR-4307-0	0	35	P4	800	TRIODE NO. 1.
1635	6.3	JR-5607-0	0	35	P4	800	TRIODE NO. 2.
1641	5.0	JR-0000-0	0	40	P3	----	LEFT CAP = P. NOTE 1.
1641	5.0	BY-0000-0	0	40	P3	----	RIGHT CAP = P. NOTE 1.
1642	6.3	JR-4506-0	35	62	P4	1375	TRIODE NO. 1.
1642	6.3	JR-0302-0	35	62	P4	1375	TRIODE NO. 2. CAP = G.
1644	12.6	JW-2751-3	0	75	P4	2150	PENTODE NO. 1.
1644	12.6	JW-3451-2	0	75	P4	2150	PENTODE NO. 2.
1654	1.5	DX-0000-0	0	67	P5	----	CAP = P. SHORT ON 3. NO SHORTS FOR TESTERS HAVING SERIAL NUMBERS ABOVE 135-, 136-, DR 138-10000. NOTE 1.
1658	2.0	JR-3200-0	43	42	P4	900	
1659	2.5	JR-0205-0	14	31	P4	750	TRIODE SECTION. CAP = P.
1659	2.5	JR-0405-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
1659	2.5	JR-0305-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
1851	6.3	JR-0347-5	0	88	P4	5000	CAP = G.
1852	6.3	JR-4765-3	0	88	P4	5000	
1853	6.3	JR-4765-3	0	84	P4	3500	
5516	6.3	JR-5032-0	0	85	P4	4000	CAP = P. SHORT ON 1.
5556	4.3	JR-3200-0	26	47	P4	980	
5591	6.3	JR-3562-0	0	86	P4	3200	
5603	6.3	JR-4760-3	24	85	P4	4000	
5608A	2.5	JR-5604-2	0	65	P4	1500	TRIODE NO. 1.
5608A	2.5	JR-3204-6	0	65	P4	1500	TRIODE NO. 2.
5610	6.3	JR-6302-0	27	85	P4	4000	
5618	6.3	DX-6218-0	0	81	P4	3000	
5633	6.3	EW-3051-2	15	77	P4	2400	TOP LEAD = P.
5634	6.3	EW-3051-2	17	80	P4	2900	TOP LEAD = P.
5635	6.3	DW-1708-4	19	81	P4	3000	TRIODE NO. 1.
5635	6.3	DW-2508-4	19	81	P4	3000	TRIODE NO. 2.
5637	6.3	DU-2105-0	22	65	P4	1500	
5638	6.3	EW-3152-0	22	73	P4	2000	
5639	6.3	DW-1572-0	15	87	P4	4700	
5640	6.3	DW-1572-0	44	87	P4	4500	
5641	6.3	DW-0205-0	0	40	P3	----	NOTE 1.
5645	6.3	FT-4102-0	29	75	P4	2200	
5646	6.3	FT-4102-0	19	62	P4	1400	
5647	6.3	CT-0104-0	0	79	P1	----	DIODE. NOTE 1.
5659	12.6	JR-5347-0	18	81	P4	3000	
5660	12.6	JR-0367-0	20	55	P4	1150	PENTODE SECTION. CAP = G.
5660	12.6	JR-0567-0	0	40	P1	----	DIODE NO. 1. NOTE 1.
5660	12.6	JR-0467-0	0	40	P1	----	DIODE NO. 2. NOTE 1.
5661	12.6	JR-4765-3	12	73	P4	2000	
5662	6.3	JR-3705-0	--	95	P5	----	STRIKES AT ABOUT 24. NOTES 1 & 2.
5663	6.3	JR-3752-0	--	70	P3	----	STRIKES AT ABOUT 76. NOTES 1 & 2.
5679	6.3	JR-0607-5	0	70	P1	----	DIODE NO. 1. NOTE 1.
5679	6.3	JR-0302-5	0	70	P1	----	DIODE NO. 2. NOTE 1.
5690	6.3	JW-0507-3	0	60	P3	----	UNIT NO. 1. NOTE 1.
5690	6.3	BS-0304-5	0	60	P3	----	UNIT NO. 2. NOTE 1.
5691	6.3	JX-4506-1	7	58	P4	1250	TRIODE NO. 1.
5691	6.3	JX-2103-5	7	58	P4	1250	TRIODE NO. 2.
5692	6.3	JX-4506-1	23	79	P4	2600	TRIODE NO. 1.
5692	6.3	JX-2103-5	23	79	P4	2600	TRIODE NO. 2.
5693	6.3	JR-4765-3	11	58	P4	1650	
5694	6.3	JR-4302-0	0	73	P4	2000	TRIODE NO. 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
5694	6.3	JR-5607-0	0	73	P4	2000	TRIODE NO. 2.
5731	6.3	JR-4306-0	20	75	P4	2200	
5732	6.3	JR-0347-5	18	63	P4	1450	CAP = G.
5742	4.3	JR-3200-0	10	39	P4	850	
5785	1.1	GX-0100-0	0	0	P1	----	DIODE. NOTE 1.
5812	6.3	JR-3560-2	28	86	P4	4300	
5823	OFF	AP-0391-0	0	91	P5	----	CONNECT 1.5 MEGOHM RESISTOR BETWEEN PINS 8 & 9 OF NOVAL SOCKET. NOTE 1.
5824	25.0	JR-5347-0	55	85	P4	4000	
5825	1.5	JR-0000-0	0	0	P5	----	CAP = P. OK ABOVE 500 ON 3000 SCALE. NOTE 1.
5838	12.6	JR-0507-0	0	0	P3	----	PLATE NO. 1. NOTE 1.
5838	12.6	JR-0307-0	0	0	P3	----	PLATE NO. 2. NOTE 1.
5839	25.0	JR-0507-3	0	25	P3	----	PLATE NO. 1. NOTE 1.
5839	25.0	JR-0307-5	0	25	P3	----	PLATE NO. 2. NOTE 1.
5851	2.5	HR-8360-0	33	67	P4	1600	
5854	1.1	DV-4120-0	42	0	P4	500	
5875	1.1	DV-4120-0	11	68	P4	1850	
5879	6.3	EV-1873-9	20	48	P4	1000	
5886	1.1	DU-7210-0	30	0	P1	----	OK ABOVE 500 ON 3000 SCALE. NOTE 1.
5910	1.5	DX-6210-0	19	42	P4	900	
5967	1.1	ES-6801-3	35	56	P4	1200	TRIODE NO. 1.
5967	1.1	ES-3108-6	35	56	P4	1200	TRIODE NO. 2.
5992	6.3	JR-5347-0	14	84	P4	3500	
6000	25.0	JR-2573-0	12	89	P4	5500	
6004	5.0	HR-0000-0	0	18	P3	----	NEAR CAP = P. NOTE 1.
6004	5.0	HR-0000-0	0	18	P3	----	FAR CAP = P. NOTE 1.
6007	1.1	DV-4210-0	13	0	P1	----	OK ABOVE 500 ON 3000 SCALE. NOTE 1.
6008	0.6	DV-4210-0	13	0	P1	----	OK ABOVE 200 ON 3000 SCALE. NOTE 1.
6026	6.3	EV-7803-0	25	86	P4	4300	
6029	1.1	CU-3100-0	42	73	P4	2000	
6087	5.0	HR-0600-0	0	22	P3	----	PLATE NO. 1. NOTE 1.
6087	5.0	HR-0400-0	0	22	P3	----	PLATE NO. 2. NOTE 1.
6088	1.1	DV-4120-0	20	0	--	500	HOLD DOWN P1 & PRESS P4.
6094	6.3	DV-1428-0	10	86	P4	4100	
6099	6.3	JR-5207-0	21	81	P4	3000	TRIODE NO. 1.
6099	6.3	JR-6307-0	21	81	P4	3000	TRIODE NO. 2.
6100	6.3	JR-6307-0	25	75	P4	2200	
6101	6.3	JR-5207-6	21	85	P4	4000	TRIODE NO. 1.
6101	6.3	JR-6307-5	21	85	P4	4000	TRIODE NO. 2.
6106	5.0	HR-0600-0	0	35	P3	----	PLATE NO. 1. NOTE 1.
6106	5.0	HR-0400-0	0	35	P3	----	PLATE NO. 2. NOTE 1.
6113	6.3	JX-4506-1	7	58	P4	1250	TRIODE NO. 1.
6113	6.3	JX-2103-5	7	58	P4	1250	TRIODE NO. 2.
6145	6.3	JR-6237-4	0	89	P4	5500	
6147	2.5	HR-8360-0	33	67	P4	1600	
6169	6.3	DW-1204-0	15	86	P4	4000	
6184	6.3	DW-0204-8	0	78	P1	----	DIODE NO. 1. NOTE 1.
6184	6.3	DW-0705-8	0	78	P1	----	DIODE NO. 2. NOTE 1.
6188	6.3	JX-4506-1	8	56	P4	1200	TRIODE NO. 1.
6188	6.3	JX-2103-5	8	56	P4	1200	TRIODE NO. 2.
6355	6.3	FR-3827-0	0	--	P4	----	EYE 1 OPEN. EYE 2 CLOSED.
6355	6.3	FR-8327-0	0	--	P4	----	EYE 2 OPEN. EYE 1 CLOSED.
6877	6.3	DV-1408-0	65	85	P4	3700	
6888	6.3	JR-4765-3	35	77	P4	2300	
6954	6.3	JR-3562-7	10	71	P4	1850	
7193	6.3	JR-0007-0	0	81	P4	3000	UPPER CAP = G. LOWER CAP = P.
8013A	4.3	JR-0000-0	0	82	P5	----	CAP = P. NOTE 1.
8016	1.1	JR-0000-0	0	80	P5	----	CAP = P. OK ABOVE DIODES OK. NOTE 1.
9001	6.3	JR-3567-0	20	53	P4	1100	
9002	6.3	JR-6307-0	25	72	P4	1900	
9003	6.3	JR-3562-0	12	65	P4	1500	
9004	6.3	JR-0304-0	0	75	P1	----	DIODE. NOTE 1.
9005	4.3	JR-0403-0	0	67	P1	----	DIODE. NOTE 1.

NOTATIONS

FOR EXPLANATIONS - SEE BACK COVER

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	
9006	6.3	JR-0307-0	0	65	P1	----	DIODE. NOTE 1.
38142	7.5	JR-3200-0	37	75	P4	2000	
XXB	2.5	BY-5600-0	10	53	P4	1100	TRIODE NO. 1.
XXB	2.5	JR-4300-0	10	53	P4	1100	TRIODE NO. 2.
XXD	12.6	JR-5607-0	23	79	P4	2600	TRIODE NO. 1.
XXD	12.6	JR-4302-0	23	79	P4	2600	TRIODE NO. 2.
XXFM	6.3	JR-3204-0	6	42	P4	900	TRIODE SECTION.
XXFM	6.3	JR-0504-0	0	45	P1	----	DIODE NO. 1. NOTE 1.
XXFM	6.3	JR-0607-0	0	45	P1	----	DIODE NO. 2. NOTE 1.
XXL	6.3	JR-6207-0	20	81	P4	2600	

K4XL's **BAMA**

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