

HICKOK

Obsolete Tube Types

SUPPLEMENTARY TEST DATA

for

MODELS 580 & 580A

TUBE TESTERS

© THE HICKOK ELECTRICAL INSTRUMENT CO. — 1968

10514 DUPONT AVENUE • CLEVELAND, OHIO 44108

PHONE — 541-8060

CABLE — HICKOK, CLEVELAND

TWX — CV 662

WESTERN UNION — KJ

3200-160

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
0A4	OFF	0000-E0B0	---	J	A	VR	S4	70V	NOTES 1 & 2. 80 V. REG. = 10 VOLTS FROM 5 TO 25 MA. JUMPER A 100 K OHM RESISTOR FROM PIN 7 OF ANY SOCKET TO 'P1'.
0Y4	OFF	GH00-EOAC	0.0	A	J	G	S2	4000	SET LOAD AT 27 READ ON 10000 SCALE
1A5	1.4	GBE0-CD00	4.5	E	E	A	S4	500	NOTE 3.
1A7	1.4	GB00-CDFE	0.0	F	C	A	S4	300	NOTE 3. PENTODE SECTION. CAP = G.
1A7	1.4	GBEC-FD00	0.0	F	B	A	S4	250	NOTE 3. OSC. SECTION. CAP = K.
1AC5	1.1	DEB0-GH00	3.0	D	D	A	S4	400	NOTE 3.
1AD5	1.1	DER0-GH00	1.4	D	D	A	S4	250	NOTE 3.
1AE4	1.1	AGFO-BC00	1.0	E	E	A	S4	800	NOTE 3.
1AF4	1.4	AGFO-BC00	1.0	E	E	A	S4	950	NOTE 3.
1AF5	1.4	AGFO-ED00	1.0	E	E	A	S4	350	NOTE 3. PENTODE SECTION.
1AF5	1.4	AG00-C000	0.0	B	A	B	S1	4000	DIODE SECTION.
1AG5	1.1	DFE0-AB00	2.0	D	D	A	S4	150	NOTE 3. PENTODE SECTION.
1AG5	1.1	DF00-C000	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
1AJ5	1.1	DFE0-AB00	1.0	D	D	A	S4	250	NOTE 3. PENTODE SECTION.
1AJ5	1.1	DF00-C000	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
1AK5	1.1	DFE0-AB0C	1.0	D	D	A	S4	150	NOTE 3. PENTODE SECTION.
1AU3	1.1	GB00-0000	0.0	A	H	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
1AX2	1.4	AB00-0000	0.0	A	G	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
1B4	2.0	FA00-BC00	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
1C3	1.4	AG00-B000	3.0	E	A	A	S4	450	NOTE 3.
1C5	1.4	GBE0-CD00	7.0	E	E	A	S4	950	NOTE 3.
1D5	2.0	GB00-CD00	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
1DN5	1.4	AGFO-BC00	1.0	D	D	A	S4	450	NOTE 3. PENTODE SECTION.
1DN5	1.4	GA00-D000	0.0	B	A	B	S1	6200	DIODE SECTION.
1E3	1.1	DEA0-H000	3.5	H	A	B	S4	2200	NOTE 3.
1H5	1.4	GB00-C000	1.0	F	A	A	S4	200	NOTE 3. TRIODE SECTION. CAP = G.
1H5	1.4	GB00-E000	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
1H6	2.0	GBFO-C000	2.7	G	A	A	S4	300	NOTE 3. TRIODE SECTION.
1H6	2.0	GB00-ED00	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
1J3	1.1	GB00-0000	0.0	A	H	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
1L4	1.4	AGFO-BC00	1.0	E	E	A	S4	600	NOTE 3.
1L6	1.4	GAF0-BECD	0.0	F	C	A	S4	400	NOTE 3 PENTODE SECTION. NOTE 4.
1L6	1.4	GADB-CE0F	0.0	F	C	A	S4	350	NOTE 3 OSC. SECTION. NOTE 4.
1LA4	1.4	HAFO-BC00	4.5	E	E	A	S4	500	NOTE 3.
1LA6	1.4	HAFO-BECD	0.0	E	C	A	S4	400	NOTE 3 PENTODE SECTION. NOTE 4.
1LA6	1.4	HADB-CE0F	0.0	F	C	A	S4	350	NOTE 3 OSC. SECTION. NOTE 4.
1LB4	1.4	HAFO-BC00	9.0	F	E	A	S4	550	NOTE 3.
1LC5	1.4	HAFO-BC0D	0.0	F	D	A	S4	500	NOTES 3 & 4.
1LC6	1.4	HAFO-BECD	0.0	F	C	A	S4	450	NOTE 3 PENTODE SECTION. NOTE 4.
1LC6	1.4	HADB-CE0F	0.0	F	C	A	S4	350	NOTE 3 OSC. SECTION. NOTE 4.
1LD5	1.4	HAFO-BC00	1.0	E	D	A	S4	250	NOTE 3. PENTODE SECTION.
1LD5	1.4	HA00-D000	0.0	B	A	B	S1	6200	DIODE SECTION.
1LE3	1.4	HAFO-B000	3.0	E	A	A	S4	450	NOTE 3.
1LF3	1.4	HAFO-B000	3.0	E	A	A	S4	450	NOTE 3.
1LG5	1.4	HAFO-BC0D	1.5	E	E	A	S4	700	NOTES 3 & 4.
1LN5	1.4	AHFO-BC0D	1.0	F	F	A	S4	500	NOTES 3 & 4.
1N5	1.4	GB00-CD00	1.0	F	F	A	S4	450	NOTE 3. CAP = G.
1Q5	1.4	GBE0-CD00	5.0	E	E	A	S4	1200	NOTE 3.
1Q6	1.1	DEB0-GH00	1.0	E	E	A	S4	350	NOTE 3. PENTODE SECTION.
1Q6	1.1	DE00-F000	0.0	B	A	B	S1	4000	DIODE SECTION.
1T4	1.4	AGFO-BC00	1.0	E	E	A	S4	550	NOTE 3.
1T6	1.1	DECO-AHFO	1.0	E	E	A	S4	350	NOTE 3 PENTODE SECTION. NOTE 4.
1T6	1.1	DE00-F000	0.0	B	A	B	S1	6200	DIODE SECTION.
1U5	1.4	AGFO-BC00	1.0	E	E	A	S4	400	NOTE 3. PENTODE SECTION.
1U5	1.4	AG00-D000	0.0	B	A	B	S1	6200	DIODE SECTION.
1U6	1.4	GAF0-BECD	0.0	F	C	A	S4	400	NOTE 3 AMPL. SECTION. NOTE 4.
1U6	1.4	GADB-CE0F	0.0	F	C	A	S4	350	NOTE 3 OSC. SECTION. NOTE 4.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
1V	6.3	FA00-B0C0	0.0	A	E	G	S2	5000	SET LOAD AT 11. READ ON 10000 SCALE.
1V5	1.1	DEB0-GH00	3.0	D	D	A	S4	350	NOTE 3.
1V6	1.1	DGCO-ABEF	0.0	D	D	A	S4	550	NOTE 3 PENTODE SECTION. NOTE 4.
1V6	1.1	DGEB-FOCA	3.0	D	A	A	S4	200	NOTE 3 TRIODE SECTION. NOTE 4.
1W4	1.4	AGFO-BC00	9.0	E	E	A	S4	550	NOTE 3.
1Z2	1.4	AB00-0000	0.0	A	D	E	S2	16000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
2A3	2.5	FACO-B000	45.0	L	A	B	S4	3300	NOTE 3.
2B3	1.4	G800-0000	0.0	A	E	E	S2	10000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
2B7	2.5	GA00-BCF0	3.0	L	F	A	S4	600	PENTODE SECTION. CAP = G.
2B7	2.5	GA00-EDF0	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
2B23	6.3	G800-C0H0	0.0	A	L	F	S2	500	SET LOAD AT 20# PLACE A 5.1 K, 1 W RESISTOR ACROSS THE SELF BIAS JACK READ ON 3000 SCALE.
2C50	12.6	GHDA-EBFC	11.0	K	A	B	S4	1800	NOTE 5. DUAL TRIODE.
2C52	12.6	GHDA-EBFC	2.0	L	A	A	S4	1200	NOTE 5. DUAL TRIODE.
2DZ4	2.5	CDB0-A0E0	3.4	F	A	B	S4	4100	
2E22	6.3	FACO-0BDE	5.0	J	J	B	S4	2500	NOTE 3 CAP = P. NOTE 4.
2E24	6.3	GBE0-0CF0	8.0	L	H	B	S4	3300	NOTE 3. SHORT ON 1&2. CAP = P.
2E25	6.3	GBE0-0DH0	5.0	H	H	B	S4	2000	NOTE 3 CAP = P. NOTE 4.
2E26	6.3	GBE0-0CAH	13.5	H	H	B	S4	2500	CAP = P.
2E30	6.3	DCAD-EF0B	20.0	L	L	B	S4	2300	NOTES 3 & 4.
2E31	1.1	ECDO-AB00	1.0	C	C	A	S4	300	NOTE 3.
2E32	1.1	ECDO-AB00	1.0	C	C	A	S4	300	NOTE 3.
2E35	1.1	ECDO-AB00	1.3	D	D	A	S4	300	NOTE 3.
2E36	1.1	ECDO-AB00	1.3	D	D	A	S4	300	NOTE 3.
2E41	1.1	DFE0-AB00	1.0	C	C	A	S4	200	NOTE 3. PENTODE SECTION.
2E41	1.1	DF00-C000	0.0	B	A	B	S1	4000	DIODE SECTION.
2E42	1.1	DFE0-AB00	1.0	C	C	A	S4	200	NOTE 3. PENTODE SECTION.
2E42	1.1	DF00-C000	0.0	B	A	B	S1	4000	DIODE SECTION.
2V2	2.5	G800-0000	0.0	A	H	E	S2	20000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
2X2A	2.5	FA00-0000	0.0	A	D	E	S2	22000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
3A4	2.5	AG00-FC00	8.4	H	E	A	S4	1200	NOTE 3.
3A5	3.0	AGE0-F000	2.5	E	A	A	S4	1100	NOTE 3. TRIODE NO. 1.
3A5	3.0	GAC0-B000	2.5	E	A	A	S4	1100	NOTE 3. TRIODE NO. 2.
3C2	3.0	G800-0000	0.0	A	D	E	S2	16000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
3CF6	3.0	DCAD-EF8G	1.0	G	G	B	S4	4500	
3D6	2.5	HAFO-BC00	4.5	J	E	A	S4	1500	NOTE 3.
3E5	2.5	AGFO-BC00	7.0	E	E	A	S4	900	NOTE 3.
3E6	3.0	HAFO-BC00	1.0	E	E	A	S4	1050	NOTES 3 & 4.
3ES5	3.0	CDB0-E0A0	1.0	K	A	C	S4	5500	
3FQ5	3.0	DCB0-EDG0	1.3	H	A	C	S4	7500	
3FQ5A	3.0	DCB0-EDG0	1.3	H	A	C	S4	8000	
3GS8	3.0	DEG0-HBAJ	1.0	F	E	A	S4	750	PENTODE NO. 1.
3GS8	3.0	DEG0-CBAF	1.0	F	E	A	S4	750	PENTODE NO. 2.
3GU5	3.0	DCAD-EF80	1.0	H	H	C	S4	6800	
3HM6	3.0	DEB0-GHCJ	1.0	G	G	C	S4	9500	
3HS8	3.0	DEG0-HBAJ	1.0	G	E	A	S4	700	PENTODE NO. 1.
3HS8	3.0	DEG0-CBAF	1.0	G	E	A	S4	700	PENTODE NO. 2.
3HT6	3.0	DEB0-GHCJ	1.0	G	G	C	S4	8500	
3LE4	2.5	HAFO-BC00	9.0	E	E	A	S4	1000	NOTE 3.
3LF4	2.5	HAFO-BC00	6.6	F	F	A	S4	1350	NOTE 3.
3Q4	3.0	GAC0-F000	4.5	F	E	A	S4	1250	NOTE 3.
3Q5	2.5	GBE0-C000	6.6	F	F	A	S4	1250	NOTE 3.
3S4	2.5	GAC0-B000	2.7	E	D	A	S4	500	NOTE 3.
4A6	3.0	GBFU-F000	1.5	E	A	A	S4	550	NOTE 3. TRIODE NO. 1.
4A6	3.0	HG00-C000	1.5	E	A	A	S4	550	NOTE 3. TRIODE NO. 2.
4BA6	4.3	DCAD-EF8B	1.0	L	F	B	S4	2500	

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
4BE6	4.3	CDGO-EFBA	2.0	L	C	A	S4	300	AMPL. SECTION. OSC. SECTION. NOTE 5. DUAL TRIODE.
4BE6	4.3	CDAO-FEBG	0.0	F	F	B	S4	4500	
4BX8	4.3	DEGB-FAHC	1.4	E	A	B	S4	4200	
4BZ8	4.3	DEGB-FAHC	1.0	G	A	C	S4	5000	NOTE 5. DUAL TRIODE.
4CE5	4.3	DCAO-EFGO	1.0	G	G	B	S4	4800	
4GW5	4.3	DCBO-AOEO	1.1	H	A	C	S4	10500	
5AS4	5.0	HBOO-FDOO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE SET LOAD AT 20 READ ON 10000 SCALE.
5AW4	5.0	HBOO-FDOO	0.0	A	E	G	S2	2500	NOTE 5. DUAL DIODE SET LOAD AT 30 READ ON 10,000 SCALE.
5AZ4	5.0	HBOO-FDOO	0.0	A	G	G	S2	2500	NOTE 5. DUAL DIODE SET LOAD AT 45 READ ON 10000 SCALE.
5BS8	5.0	DEGB-FAHC	2.2	H	A	B	S4	4500	NOTE 5. DUAL TRIODE.
5BZ7	5.0	DEGB-FAHC	2.2	H	A	B	S4	4300	NOTE 5. DUAL TRIODE.
5CM6	5.0	DEFO-JAGO	12.5	L	L	B	S4	2600	
5CR8	5.0	DEBO-FGCH	1.0	H	H	R	S4	4800	PENTODE SECTION.
5CR8	5.0	DEJO-AOHO	2.0	G	A	B	S4	2500	TRIODE SECTION.
5CU4	5.0	HBOO-FDAO	0.0	A	E	G	S2	5500	NOTE 5. DUAL DIODE SET LOAD AT 12 READ ON 10000 SCALE.
5EH8	5.0	DEGO-JHFO	1.0	G	G	B	S4	3800	PENTODE SECTION.
5EH8	5.0	DEBO-CDAO	1.0	G	A	B	S4	4700	TRIODE SECTION.
5T4	5.0	HBOO-FDOO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE SET LOAD AT 20 READ ON 10000 SCALE.
5W4	5.0	HBOO-FDOO	0.0	A	E	F	S2	2100	NOTE 5. DUAL DIODE SET LOAD AT 27 READ ON 3000 SCALE.
5X4	5.0	GHOO-ECOO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE SET LOAD AT 20 READ ON 10000 SCALE.
5Y4	5.0	GHOO-ECOO	0.0	A	G	G	S2	2500	NOTE 5. DUAL DIODE SET LOAD AT 45 READ ON 10000 SCALE.
5Z3	5.0	FAOO-CBOO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE SET LOAD AT 20 READ ON 10000 SCALE.
5Z4	5.0	HBOO-FDOO	0.0	A	D	G	S2	2700	NOTE 5. DUAL DIODE SET LOAD AT 13 READ ON 10000 SCALE.
6A3	6.3	FACO-BOOO	45.0	L	A	B	S4	3300	NOTE 3.
6A5	6.3	GBEO-COOO	45.0	L	A	B	S4	3300	
6A6	6.3	GAEC-FBDO	2.0	H	A	A	S4	1200	NOTE 5. DUAL TRIODE.
6A7	6.3	GAOO-BCFE	1.5	F	D	A	S4	900	PENTODE SECTION. CAP = G.
6A7	6.3	GAEB-DCFO	1.0	F	D	A	S4	750	OSC. SECTION. CAP = K.
6A8	6.3	GBOO-CDHE	1.5	F	D	A	S4	900	PENTODE SECTION. CAP = G.
6A8	6.3	GREC-FDHO	1.0	F	D	A	S4	750	OSC. SECTION. CAP = K.
6AB7	6.3	GBDO-HFEC	3.0	M	K	B	S4	3100	
6AB8	6.3	DEJO-FHCG	6.7	J	J	R	S4	2100	PENTODE SECTION.
6AB8	6.3	DEBO-AOCO	2.0	F	A	A	S4	850	TRIODE SECTION.
6AD4	6.3	CFAO-HOEO	1.1	F	A	A	S4	1250	
6AD7	6.3	GBEO-CDHF	16.5	L	L	B	S4	1500	PENTODE SECTION.
6AD7	6.3	GBAO-FOHC	25.0	L	A	A	S4	200	TRIODE SECTION.
6AF6	6.3	GBDO-ECHO	0.0	G	E	D	S4	----	EYE 1 OPEN. EYE 2 CLOSED.
6AF6	6.3	GBCO-EDHO	0.0	G	E	D	S4	----	EYE 1 CLOSED. EYE 2 OPEN.
6AH4	6.3	GBAO-EOHO	23.0	L	A	B	S4	2800	
6AH6	6.3	DCAO-EFGB	2.0	M	H	C	S4	5600	
6AH7	6.3	GHEA-FCDB	6.5	J	A	A	S4	1200	NOTE 5. DUAL TRIODE.
6AJ4	6.3	HGJO-EOBO	1.1	G	A	C	S4	6300	
6AJ5	6.3	DCAO-EFGO	1.0	C	C	B	S4	1500	
6AK4	6.3	CFAO-HOEG	6.5	K	A	B	S4	2400	
6AL7	6.3	GBFO-CEHA	---	M	A	G	S4	----	BIAS CONTROLS UPPER LEFT PATTERN. BIAS = VARY.
6AL7	6.3	GBEO-COHA	---	M	A	G	S4	----	BIAS CONTROLS BOTH LOWER PATTERNS. BIAS = VARY.
6AL7	6.3	GBDO-CEHA	---	M	A	G	S4	----	BIAS CONTROLS UPPER RIGHT PATTERN. BIAS = VARY.
6AM4	6.3	HGJO-EOBO	1.0	K	A	C	S4	6200	
6AN6	6.3	GAOO-EDFO	0.0	A	E	F	S2	1300	NOTE 5. DUAL DIODE SET LOAD AT 67 READ ON 3000 SCALE.
6AN6	6.3	GAOO-CBFO	0.0	A	E	F	S2	1300	NOTE 5. DUAL DIODE SET LOAD AT 67 READ ON 3000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6AQ6	6.3	DCAO-GOBD	3.0	L	A	A	S4	750	TRIODE SECTION. NOTE 5. DUAL DIODE READ 0-10000 SCALE. TRIODE SECTION. NOTE 5. DUAL DIODE. NOTE 3. PLATE NO. 1. PLACE A 220 OHM RESISTOR ACROSS THE SELF BIAS JACK. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'. NOTE 3. PLATE NO. 2. PLACE A 220 OHM RESISTOR ACROSS THE SELF BIAS JACK. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'. NOTE 5. DUAL TRIODE. NOTE 5. DUAL TRIODE. PENTODE SECTION. TRIODE SECTION. NOTE 5. DUAL DIODE SET LOAD AT 38 READ ON 3000 SCALE. NOTE 5. DUAL DIODE SET LOAD AT 29 READ ON 3000 SCALE. NOTE 3. PENTODE SECTION. CAP = G. NOTE 5. DUAL DIODE READ 0-10000 SCALE. AMPL. SECTION JUMPER FROM PIN NO. 2 OF ANY SOCKET TO 'K'. OSC. SECTION. PENTODE SECTION. TRIODE SECTION. TRIODE SECTION. NOTE 5. DUAL DIODE READ 0-10000 SCALE. NOTE 5. DUAL TRIODE. NOTE 5. DUAL DIODE SET LOAD AT 53 READ ON 3000 SCALE. NOTE 5. DUAL DIODE SET LOAD AT 53 READ ON 3000 SCALE. NOTE 5. DUAL DIODE SET LOAD AT 53 READ ON 3000 SCALE. CAP = P. NOTE 5. DUAL TRIODE. TRIODE SECTION. NOTE 5. DUAL DIODE READ 0-30000 SCALE. SET LOAD AT 14 READ ON 10000 SCALE NOTE 5. DUAL TRIODE. TRIODE SECTION. NOTE 5. DUAL DIODE READ 0-30000 SCALE. PENTODE SECTION. NOTE 5. DUAL DIODE SET LOAD AT 12 READ ON 3000 SCALE. TRIODE SECTION. NOTE 5. DUAL DIODE READ 0-30000 SCALE. TRIODE SECTION.
6AQ6	6.3	DCOO-FEBO	0.0	B	A	B	S1	5000	
6AQ7	6.3	GHOO-EOFO	2.0	L	A	A	S4	1000	
6AQ7	6.3	GHOO-CABO	0.0	C	A	C	S1	13500	
6AR5	6.3	DCAO-EFBO	18.0	L	L	A	S4	1450	
6AR6	6.3	HFGO-CEAO	22.5	L	L	B	S4	3400	
6AR8	6.3	DEFO-JCGB	0.0	L	L	B	S4	2500	
6AR8	6.3	DEFO-HCGB	0.0	L	L	B	S4	2500	
6AS5	6.3	DCEO-GFAD	8.5	H	F	B	S4	3500	
6AU7	6.3	DEGB-FAHC	8.5	L	A	B	S4	1400	
6AV5	6.3	GBAO-EHCO	22.5	L	H	B	S4	3700	
6AX7	6.3	DEGB-FAHC	2.0	L	A	A	S4	1000	
6AX8	6.3	DEBO-FCGO	1.6	L	F	B	S4	3000	
6AX8	6.3	DEJO-ADHO	1.0	H	A	C	S4	5300	
6AZ5	6.3	CFOO-HAGB	0.0	A	D	F	S2	1000	
6AZ6	6.3	CFOO-BGDE	0.0	A	C	F	S2	500	
6B4	6.3	GBEO-COOO	45.0	L	A	B	S4	3300	
6B7	6.3	GAOO-BCFO	3.0	L	G	A	S4	700	
6B7	6.3	GAOO-EDFO	0.0	B	A	B	S1	5000	
6BD5	6.3	GBAO-EHCO	12.0	K	K	B	S4	3100	
6BD6	6.3	DCAO-EFGB	3.0	L	F	A	S4	1250	
6BE7	6.3	EDGO-FAHJ	1.0	L	C	A	S4	500	
6BE7	6.3	EDGJ-AFHB	5.0	F	C	A	S4	1050	
6BE8	6.3	DEJO-FGHC	1.0	L	G	B	S4	3200	
6BE8	6.3	DEAO-BOCO	1.0	H	A	C	S4	5000	
6BF5	6.3	DCGO-EFBO	7.5	G	F	B	S4	4700	
6BF6	6.3	DCAO-GOBD	9.0	L	A	A	S4	1200	
6BF6	6.3	DCOO-FEBO	0.0	B	A	B	S1	5000	
6BF7	6.3	FCGB-HAED	1.0	F	A	B	S4	3000	
6BF8	6.3	DEOO-JHFO	0.0	A	A	F	S2	900	
6BF8	6.3	DEOO-GCFO	0.0	A	A	F	S2	900	
6BF8	6.3	DEOO-BAFO	0.0	A	A	F	S2	900	
6BG6	6.3	GBEO-OHCO	15.0	L	L	B	S4	3800	
6BG7	6.3	FCGB-HAED	1.0	F	A	B	S4	3000	
6BJ6	6.3	DCAO-EFGB	1.0	L	F	B	S4	2300	
6BK5	6.3	DECO-AHFO	5.0	L	L	C	S4	5000	
6BK6	6.3	DCAO-GOBE	2.0	L	A	A	S4	1000	
6BK6	6.3	DCOO-FEGB	0.0	C	A	C	S1	10000	
6BL4	6.3	GHOO-EOCO	0.0	A	D	G	S2	3100	
6BS8	6.3	DEGB-FAHC	2.2	H	A	B	S4	4500	
6BT6	6.3	DCAO-GOBD	3.0	L	A	A	S4	750	
6BT6	6.3	DCOO-FEBO	0.0	C	A	C	S1	10000	
6BT8	6.3	DEHO-FGJO	2.2	K	H	B	S4	3900	
6BT8	6.3	DEOO-ABCO	0.0	A	C	F	S2	500	
6BU6	6.3	DCAO-GOBD	9.0	L	A	A	S4	1200	
6BU6	6.3	DCOO-FEBO	0.0	C	A	C	S1	10000	
6BV8	6.3	DEBO-COAO	3.6	K	A	B	S4	3500	

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND.	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6BV8	6.3	DE00-JFGH	0.0	A	D	G	S2	3300	NOTE 5. DUAL DIODE SET LOAD AT 10 READ ON 10000 SCALE.
6BW4	6.3	DE00-GAJO	0.0	A	H	G	S2	3000	NOTE 5. DUAL DIODE SET LOAD AT 67 READ ON 10000 SCALE.
6BX6	6.3	DEB0-GHAJ	2.0	J	J	B	S4	4500	NOTE 5. DUAL TRIODE. NOTE 5. DUAL TRIODE. NOTE 5. DUAL DIODE SET LOAD AT 11 READ ON 10000 SCALE.
6BX7	6.3	GHDA-EBFC	16.0	L	A	B	S4	4800	
6BX8	6.3	DEGB-FAHC	1.4	E	A	B	S4	4200	
6BY5	6.3	GB00-DEHA	0.0	A	E	G	S2	4900	
6BZ8	6.3	DEGB-FAHC	1.0	G	A	C	S4	5000	NOTE 5. DUAL TRIODE.
6C5	6.3	GBE0-COHO	8.0	L	A	A	S4	1250	
6C6	6.3	FA00-BCED	3.0	L	F	A	S4	750	CAP = G.
6CF6	6.3	DCA0-EFBG	1.0	G	G	B	S4	4800	NOTE 5. DUAL TRIODE.
6CH7	6.3	DEGB-FAHC	2.2	H	A	B	S4	4300	
6CH8	6.3	DEGO-BCFO	2.2	K	H	B	S4	3900	PENTODE SECTION. TRIODE SECTION.
6CH8	6.3	DEHO-JOAO	6.0	K	A	B	S4	2100	
6CJ6	6.3	DEB0-OGCA	38.5	L	L	B	S4	3900	CAP = P.
6CK4	6.3	GBCO-EDHO	28.0	L	A	B	S4	3500	
6CK6	6.3	DEB0-GACF	5.5	L	L	C	S4	6300	
6CM8	6.3	DEB0-FGCO	2.2	K	H	B	S4	3900	PENTODE SECTION. TRIODE SECTION.
6CM8	6.3	DEJO-AOHO	2.0	L	A	A	S4	1250	
6CR6	6.3	DCGO-EFAB	2.0	L	F	A	S4	1400	PENTODE SECTION. DIODE SECTION READ 0-10000 SCALE.
6CR6	6.3	DCOO-BOAO	0.0	B	A	B	S1	5000	
6CR8	6.3	DEB0-FGCH	1.0	H	H	B	S4	4800	PENTODE SECTION.
6CR8	6.3	DEJO-AOHO	2.0	G	A	B	S4	2500	TRIODE SECTION.
6CU6	6.3	GBE0-ODHO	22.5	L	H	B	S4	3700	
6D4	6.3	DCA0-GOEO	---	A	D	F	S2	1600	CAP = P. NOTE 6. SET LOAD AT 17 FIRES ABOUT 7V. READ ON 3000 SCALE.
6D6	6.3	FA00-BCED	3.0	L	F	A	S4	1000	CAP = G.
6DA6	6.3	DEB0-GHCJ	2.0	L	F	B	S4	2300	
6DA7	6.3	DEGO-FOHO	8.0	L	A	B	S4	1600	TRIODE NO. 1.
6DA7	6.3	DECO-AOJO	17.5	H	A	B	S4	3600	
6DB6	6.3	DCA0-EFBG	1.5	H	H	B	S4	2400	TRIODE NO. 2.
6DN6	6.3	GBE0-OHCO	18.0	G	G	C	S4	5500	
6DW5	6.3	DECO-JAGO	22.5	K	H	B	S4	3500	CAP = P.
6DX4	6.3	DCFO-GOEO	---	E	A	C	S4	7000	BIAS = 150 OHMS. SHADOW ANGLE = 90 DEGREE CONNECT A 1 M OHM RESISTOR FROM 'P' TO PIN 2 OF ANY SOCKET.
6E5	6.3	FACO-ODEO	0.0	L	L	G	S4	----	
6E5	6.3	FACO-ODEO	8.0	L	L	G	S4	----	SHADOW ANGLE = 0 DEGREE CONNECT A 1M OHM RESISTOR FROM 'P' TO PIN 2 OF ANY SOCKET.
6F4	6.3	FAB0-COGO	1.4	E	A	B	S4	3600	CAP = G.
6F5	6.3	GB00-DOHA	2.0	L	A	A	S4	950	
6F6	6.3	GBE0-CDHA	16.5	L	L	B	S4	1550	PENTODE SECTION. CAP = G.
6F7	6.3	GA00-BCFE	3.0	L	F	A	S4	700	
6F7	6.3	GAEO-DOFC	3.0	F	A	A	S4	300	TRIODE SECTION.
6F8	6.3	GBOE-CFDH	8.0	L	A	B	S4	1650	NOTE 5. DUAL TRIODE. CAP = G. CAP = P.
6FH6	6.3	GBE0-ODHO	22.5	L	H	B	S4	3500	
6FR7	6.3	DEGO-FOHO	3.0	L	A	A	S4	1000	TRIODE NO. 1.
6FR7	6.3	DECO-AOJO	20.0	H	A	B	S4	4500	
6FW8	6.3	DEGB-FAHC	1.2	F	A	C	S4	8000	NOTE 5. DUAL TRIODE.
6G6	6.3	GBE0-CDHO	9.0	J	J	A	S4	1450	
6GC6	6.3	GBE0-OHCO	22.5	L	H	B	S4	4100	CAP = P.
6GD7	6.3	DEJO-FGHO	1.1	J	H	C	S4	7500	PENTODE SECTION. TRIODE SECTION.
6GD7	6.3	DEAO-BOCO	1.0	G	A	C	S4	6000	
6GS8	6.3	DEGO-HBAJ	1.0	F	E	A	S4	750	PENTODE NO. 1. PENTODE NO. 2.
6GS8	6.3	DEGO-CBAF	1.0	F	E	A	S4	750	
6GW5	6.3	DCBO-AOEO	1.1	H	A	C	S4	10500	
6H5	6.3	FAEO-DOCO	0.0	L	L	G	S4	----	SHADOW ANGLE = 90 DEGREE CONNECT A 1M OHM RESISTOR FROM PIN 2 OF ANY SOCKET TO 'P'. SHADOW ANGLE = 0 DEGREE CONNECT A 1M OHM RESISTOR FROM PIN 2 OF ANY SOCKET TO 'P'.
6H5	6.3	FAEO-DBCO	30.0	L	L	G	S4	----	

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6H6	6.3	GB00-ECHD	0.0	A	B	E	S2	4200	NOTE 5. DUAL DIODE SET LOAD AT 22 READ ON 10000 SCALE.
6J5	6.3	GBE0-COHO	8.0	L	A	B	S4	1650	
6J7	6.3	GB00-CDHE	3.0	L	F	A	S4	750	CAP = G.
6J8	6.3	GBOF-CDHE	3.0	F	E	A	S4	550	HEPTODE SECTION. CAP = G.
6J8	6.3	GBE0-FOHO	0.0	F	A	A	S4	1000	TRIODE SECTION.
6JA8	6.3	DEGO-JHFO	1.2	G	G	C	S4	8000	TETRODE SECTION.
6JA8	6.3	DEB0-CA0A	2.0	K	A	B	S4	2500	TRIODE SECTION.
6K4	6.3	CDB0-AOEO	7.8	K	A	B	S4	2200	
6K7	6.3	GB00-CDHE	3.0	L	F	A	S4	900	CAP = G.
6K8	6.3	GBOF-CDHE	3.0	F	D	A	S4	350	HEXODE SECTION. CAP = G.
6K8	6.3	GBE0-FOHO	4.0	F	A	A	S4	1100	TRIODE SECTION.
6KS8	6.3	DEGO-JHFO	3.7	H	H	C	S4	6000	PENTODE SECTION.
6KS8	6.3	DEB0-CA0A	2.0	K	A	B	S4	2500	TRIODE SECTION.
6L4	6.3	FAB0-COGO	1.4	E	A	B	S4	4000	
6L5	6.3	GBE0-COHO	9.0	L	A	A	S4	1200	
6L7	6.3	GB00-CDHE	3.0	L	F	A	S4	750	CAP GRID. CAP = G.
6L7	6.3	GBE0-CDHA	10.0	L	F	A	S4	450	PIN GRID. CAP = K.
6N4	6.3	DCA0-EOBO	3.5	J	A	B	S4	3800	
6N7	6.3	GBED-FCHO	5.0	L	A	B	S4	2000	NOTE 5. DUAL TRIODE.
6N8	6.3	DEB0-FACJ	2.0	L	E	A	S4	1400	PENTODE SECTION.
6N8	6.3	DE00-GHCJ	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE.
6P5	6.3	GBE0-COHO	13.5	L	A	A	S4	900	
6Q4	6.3	DEA0-JOCO	1.5	L	A	C	S4	7500	
6Q5	6.3	GBE0-COHO	---	A	F	F	S2	1500	NOTE 6. SET LOAD AT 80 FIRES ABOUT 17V. READ ON 3000 SCALE.
6Q7	6.3	GB00-CDHA	3.0	L	A	A	S4	750	TRIODE SECTION. CAP = G.
6Q7	6.3	GB00-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6R7	6.3	GB00-CDHA	9.0	L	A	A	S4	1200	TRIODE SECTION. CAP = G.
6R7	6.3	GB00-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6R8	6.3	DEHO-JOGB	9.0	L	A	A	S4	1200	TRIODE SECTION.
6R8	6.3	DE00-AFGH	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE.
6R8	6.3	DE00-BOCJ	0.0	B	A	B	S1	5000	DIODE NO. 3
6S7	6.3	GB00-CDHE	3.0	L	F	A	S4	1100	CAP = G.
6S8	6.3	GH00-FOBO	2.0	L	A	A	S4	700	TRIODE SECTION. CAP = G.
6S8	6.3	GH00-CDEB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6S8	6.3	GH00-AOBO	0.0	B	A	B	S1	5000	DIODE NO. 3. READ 0-10000 SCALE.
6SA7	6.3	GBHO-CDFE	0.0	F	D	A	S4	400	AMPL. SECTION. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
6SA7	6.3	GBEA-DCFH	0.0	F	F	B	S4	1800	OSC. SECTION.
6SB7	6.3	GBHO-CDFE	0.0	F	D	B	S4	2300	AMPL. SECTION. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
6SB7	6.3	GBEA-DCFH	0.0	F	F	C	S4	5500	OSC. SECTION.
6SC7	6.3	GHDC-EBFO	2.0	L	A	A	S4	800	NOTE 5. DUAL TRIODE.
6SD7	6.3	GBDO-HFEC	2.0	L	G	B	S4	2700	
6SF5	6.3	GHCO-EOBA	2.0	L	A	A	S4	950	
6SF7	6.3	GHBO-FDCA	1.0	L	F	A	S4	1300	PENTODE SECTION.
6SF7	6.3	GH00-EDCF	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
6SG7	6.3	GBDO-HFEA	2.5	L	H	B	S4	2500	
6SH7	6.3	GBDO-HFEA	1.0	L	H	B	S4	3100	
6SJ7	6.3	GBDA-HFEC	3.0	L	F	A	S4	1050	
6SK7	6.3	GBDO-HFEC	3.0	L	F	A	S4	1250	
6SL7	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6SQ7	6.3	GHBO-FOCA	2.0	L	A	A	S4	750	TRIODE SECTION.
6SQ7	6.3	GH00-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6SR7	6.3	GHBO-FOCA	9.0	L	A	A	S4	1200	TRIODE SECTION.
6SR7	6.3	GH00-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6SS7	6.3	GBDO-HFEC	3.0	L	F	A	S4	1150	
6ST7	6.3	GHBO-FOCA	9.0	L	A	A	S4	1200	TRIODE SECTION.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND.	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6ST7	6.3	GH00-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
6SU7	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6SV7	6.3	GHBO-FDCO	1.0	L	H	B	S4	2300	PENTODE SECTION.
6SV7	6.3	GH00-EOCO	0.0	A	C	F	S2	600	DIODE SECTION. SET LOAD AT 23 READ ON 3000 SCALE.
6U4	6.3	GH00-EOCO	0.0	A	F	G	S2	5000	SET LOAD AT 19 READ ON 10000 SCALE
6U5	6.3	FACO-ODEO	0.0	L	L	G	S4	----	SHADOW ANGLE = 90 DEGREE CONNECT A 1M OHM RESISTOR FROM PIN 2 OF ANY SOCKET TO 'P'.
6U5	6.3	FACO-ODEO	25.0	L	L	G	S4	----	SHADOW ANGLE = 0 DEGREE# CONNECT A 1M OHM RESISTOR FROM PIN 2 OF ANY SOCKET TO 'P'.
6U6	6.3	GBEO-CDHO	1.1	G	G	B	S4	3900	
6V4	6.3	DE00-GACO	0.0	A	E	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 30 READ ON 10000 SCALE.
6V8	6.3	DEFO-ADCH	3.0	L	A	A	S4	750	TRIODE SECTION.
6V8	6.3	DE00-JOCB	0.0	B	A	B	S1	5000	DIODE NO. 1. READ 0-10000 SCALE.
6V8	6.3	DE00-GBHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE.
6V6	6.3	GBEO-CDHO	12.0	K	G	B	S4	4500	
6ZY5	6.3	GB00-ECHO	0.0	A	F	G	S2	2300	NOTE 5. DUAL DIODE. SET LOAD AT 55 READ ON 10000 SCALE.
7A4	6.3	HAFO-BOGO	8.0	L	A	B	S4	1650	
7A5	6.3	HAFO-BCGO	9.0	G	G	B	S4	3500	
7A6	6.3	HADO-FCGB	0.0	A	F	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 55 READ ON 10000 SCALE.
7A7	6.3	HAFO-BCGD	3.0	L	F	A	S4	1250	
7A8	6.3	HAFO-BEGD	4.4	F	D	A	S4	300	AMPL. SECTION. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
7A8	6.3	HADB-CEGF	0.0	J	F	A	S4	900	OSC. SECTION.
7AD7	6.3	HAFO-BCGD	2.4	M	H	C	S4	6000	
7AF7	6.3	HAED-FCGB	10.0	L	A	B	S4	1450	NOTE 5. DUAL TRIODE.
7AG7	6.3	HAFO-BCGD	2.0	L	L	B	S4	2600	
7AH7	6.3	HAFO-BCGD	2.2	L	L	B	S4	2100	
7AK7	6.3	HAFO-BCGD	0.0	H	E	B	S4	3500	
7B4	6.3	HAFO-BOGO	2.0	L	A	A	S4	950	
7B7	6.3	HAFO-BCGD	3.0	L	F	A	S4	1100	
7C5	6.3	HAFO-BCGO	12.5	L	L	B	S4	2600	
7C6	6.3	HACO-BOGO	1.0	L	A	A	S4	600	TRIODE SECTION.
7C6	6.3	HADO-FEGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
7C7	6.3	HAFO-BCGD	3.0	L	F	A	S4	1000	
7E5	6.3	HBAO-CODD	3.0	J	A	B	S4	1900	
7E6	6.3	HACO-BOGO	9.0	L	A	A	S4	1200	TRIODE SECTION.
7E6	6.3	HADO-FEGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
7E7	6.3	HAFO-BEGO	3.0	L	F	A	S4	800	PENTODE SECTION.
7E7	6.3	HADO-DCGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
7F7	6.3	HAED-FCGB	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
7F8	6.3	GBHA-FCED	3.0	L	A	B	S4	2100	NOTE 5. DUAL TRIODE.
7G7	6.3	HAFO-BCGD	2.0	L	F	B	S4	2800	
7H7	6.3	HAFO-BCGD	2.4	L	H	B	S4	2500	
7J7	6.3	HAFO-BEGD	3.0	F	E	A	S4	550	HEPTODE SECTION.
7J7	6.3	HADO-CODD	5.0	H	A	A	S4	950	TRIODE SECTION.
7K7	6.3	HADO-COBO	2.0	L	A	A	S4	1000	TRIODE SECTION.
7K7	6.3	HADO-EFGD	0.0	B	A	B	S4	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
7L7	6.3	HAFO-BCGD	1.5	L	F	B	S4	1900	
7N7	6.3	HAED-FCGB	8.0	L	A	B	S4	1600	NOTE 5. DUAL TRIODE.
7Q7	6.3	HAFO-BCGD	0.0	F	D	A	S4	500	AMPL. SECTION. JUMPER FROM PIN NO. 5 OF ANY SOCKET TO 'K'.
7Q7	6.3	HADO-CDGF	0.0	F	F	B	S4	3300	OSC. SECTION.
7R7	6.3	HAFO-BEGO	1.0	L	F	B	S4	2000	PENTODE SECTION.
7R7	6.3	HADO-DCGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
7V7	6.3	HAFO-BCGD	2.2	M	H	B	S4	3600	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
7W7	6.3	HAFO-BCGE	2.2	M	H	B	S4	3600	
7X6	6.3	HA00-FCGB	0.0	A	D	G	S2	2800	
7X7	6.3	HACO-B0DD	1.0	L	A	A	S4	950	TRIODE SECTION. NOTE 5. DUAL DIODE. SET LOAD AT 29 READ ON 3000 SCALE.
7X7	6.3	HA00-EFDG	0.0	A	C	F	S2	500	
7Y4	6.3	HA00-FCGO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
7Z4	6.3	HA00-FCGO	0.0	A	H	G	S2	3000	NOTE 5. DUAL DIODE. SET LOAD AT 67 READ ON 10000 SCALE.
8CY7	7.5	DEGO-FOHO	3.0	L	A	A	S4	800	TRIODE NO. 1.
8CY7	7.5	DECO-AOJO	18.5	H	A	B	S4	3400	TRIODE NO. 2. BIAS = 33 OHMS.
8HA6	7.5	DEBO-GHAJ	---	H	F	D	S4	12500	
8HG8	7.5	DEBO-HJCO	1.5	J	H	C	S4	7500	PENTODE SECTION.
8HG8	7.5	DEFO-GOCO	3.0	F	A	B	S4	3750	TRIODE SECTION.
8JE8	7.5	DEGO-JHFO	2.1	L	J	C	S4	7500	PENTODE SECTION.
8JE8	7.5	DEBO-COAO	2.0	K	A	B	S4	2600	TRIODE SECTION.
8JK8	7.5	DEGO-FOHJ	1.0	F	A	B	S4	4300	TRIODE NO. 1.
8JK8	7.5	DEBO-AOCJ	1.1	G	A	C	S4	8000	TRIODE NO. 2.
8JT8	7.5	DEGO-JHFO	1.7	K	F	C	S4	12500	PENTODE SECTION.
8JT8	7.5	DEBO-COAO	2.0	L	A	B	S4	1700	TRIODE SECTION.
8JU8A	7.5	DE00-HAJB	0.0	A	D	G	S2	3300	NOTE 5. DUAL DIODE. SET LOAD AT 10 READ ON 10000 SCALE.
8JU8A	7.5	DE00-GBHC	0.0	A	D	G	S2	3300	NOTE 5. DUAL DIODE. SET LOAD AT 10 READ ON 10000 SCALE.
8KS8	7.5	DEGO-JHFO	3.7	H	H	C	S4	6000	PENTODE SECTION.
8KS8	7.5	DEBO-COAO	2.0	K	A	B	S4	2500	TRIODE SECTION.
8LE8	7.5	DEJO-FHCG	2.5	F	F	B	S4	3600	PENTODE NO. 1.
8LE8	7.5	DEJO-AHCB	2.5	F	F	B	S4	3600	PENTODE NO. 2.
8SN7	7.5	GHDA-EBFC	8.0	L	A	B	S4	1700	NOTE 5. DUAL TRIODE.
9BR7	10.0	DEBO-AOCO	2.0	L	A	B	S4	3500	TRIODE SECTION.
9BR7	10.0	DE00-GFHO	0.0	A	D	F	S2	1100	NOTE 5. DUAL DIODE. SET LOAD AT 53 READ ON 3000 SCALE.
9CL8	10.0	DEJO-FGHO	1.0	G	G	B	S4	3700	TETRUDE SECTION.
9CL8	10.0	DEAO-BOCO	1.2	H	A	C	S4	5000	TRIODE SECTION.
9DZ8	10.0	DECO-FGBO	9.2	H	G	B	S4	4700	PENTODE SECTION.
9DZ8	10.0	DEAO-JOHO	1.2	G	A	A	S4	850	TRIODE SECTION.
9U8	10.0	DEBO-FCGO	1.0	G	F	B	S4	3100	PENTODE SECTION.
9U8	10.0	DEJO-AOHO	1.0	H	A	C	S4	5000	TRIODE SECTION.
9X8	10.0	DEGO-JHFA	1.0	G	G	B	S4	3500	PENTODE SECTION.
9X8	10.0	DEBO-COFA	1.0	G	A	B	S4	4100	TRIODE SECTION.
10C8	10.0	DEHO-FGJO	1.6	H	H	C	S4	5000	PENTODE SECTION.
10C8	10.0	DEBO-AOCO	2.8	L	A	B	S4	2800	TRIODE SECTION.
10DA7	10.0	DEGO-FOHO	8.0	L	A	B	S4	1600	TRIODE NO. 1.
10DA7	10.0	DECO-AOJO	17.5	H	A	B	S4	3600	TRIODE NO. 2.
10EB8	10.0	DEGO-JHFO	2.2	K	G	C	S4	8000	PENTODE SECTION.
10EB8	10.0	DEBO-COAO	2.0	L	A	B	S4	1700	TRIODE SECTION.
10EW7	10.0	DEGO-FOHO	11.0	L	A	A	S4	1250	TRIODE NO. 1.
10EW7	10.0	DEBO-AOJO	17.5	H	A	B	S4	4700	TRIODE NO. 2.
10FD7	10.0	DEGO-FOHO	3.0	L	A	A	S4	1000	TRIODE NO. 1.
10FD7	10.0	DEBO-AOJO	17.5	H	A	B	S4	4700	TRIODE NO. 2.
10FR7	10.0	DEGO-FOHO	3.0	L	A	A	S4	1000	TRIODE NO. 1.
10FR7	10.0	DECO-AOJO	20.0	H	A	B	S4	4500	TRIODE NO. 2.
10HA6	10.0	DEBO-GHAJ	---	H	F	D	S4	12500	BIAS = 33 OHMS.
11C5	10.0	DCBO-GFAD	7.5	F	F	B	S4	3600	PENTODE SECTION. CAP = G. RECT. SECTION. SET LOAD AT 30 READ ON 10000 SCALE. PENTODE SECTION. CAP = G.
12A4	12.6	DEBO-JOAO	9.0	L	A	C	S4	5000	
12A7	12.6	GA00-BCFE	11.0	G	G	A	S4	600	
12A7	12.6	GA00-E0DB	0.0	A	E	G	S2	2600	
12A8	12.6	GB00-CDHE	1.5	F	D	A	S4	900	
12A8	12.6	GBEC-FDHO	1.0	F	D	A	S4	750	CAP = K. OSC. SECTION.
12AB5	12.6	DECO-JAGO	12.5	L	L	B	S4	2600	
12AC6	12.6	DCBO-FEGA	1.0	B	B	A	S4	450	

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12AD6	12.6	DCGU-EFBA	0.0	B	B	A	S4	850	AMPL. SECTION.
12AD6	12.6	DCAU-FEBG	0.0	B	B	B	S4	2400	OSC. SECTION.
12AD7	12.6	DEGB-FAHC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
12AE6	12.6	DCAU-GOBO	1.0	B	A	A	S4	600	TRIODE SECTION.
12AE6	12.6	DCOU-FEBO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12AE7	12.6	DEGO-FOHO	1.6	B	A	B	S4	2500	TRIODE NO. 1.
12AE7	12.6	DEBO-AOCO	1.0	B	A	B	S4	4100	TRIODE NO. 2.
12AF6	12.6	DCAU-EFGB	1.0	B	B	A	S4	900	
12AG6	12.6	DCGU-EFBA	0.0	B	B	A	S4	500	AMPL. SECTION.
12AG6	12.6	DCAU-FEBG	0.0	B	B	B	S4	1600	OSC. SECTION.
12AH7	12.6	GHEA-FCDB	6.5	J	A	A	S4	1200	NOTE 5. DUAL TRIODE.
12AJ6	12.6	DCAU-GOBO	0.6	B	A	A	S4	750	TRIODE SECTION.
12AJ6	12.6	DCOU-FEBO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12AL8	12.6	DEHO-FCGO	0.5	B	B	C	S4	6000	TETRODE SECTION.
12AL8	12.6	DEHO-AOJO	1.0	B	A	A	S4	600	TRIODE SECTION.
12AS5	12.6	DCFO-GFAO	8.5	H	F	B	S4	3500	
12AU8	12.6	DEGU-JHFO	1.5	K	G	B	S4	4400	PENTODE SECTION.
12AU8	12.6	DEBO-COAO	1.3	H	A	H	S4	3100	TRIODE SECTION.
12AV7	12.6	DEGB-FAHC	1.0	H	A	C	S4	5000	NOTE 5. DUAL TRIODE.
12AW6	12.6	DCAU-EFGB	1.8	L	H	H	S4	310T	
12AX4	12.6	GHOO-EUCO	0.0	A	J	G	S2	6000	SET LOAD AT 22 READ ON 10000 SCALE
12B7	12.6	HAFO-BCGD	3.0	L	F	A	S4	1250	
12BH7	12.6	DEGB-FAHC	10.5	L	A	B	S4	1900	NOTE 5. DUAL TRIODE.
12BK5	12.6	DECO-AHFO	5.0	L	L	C	S4	5500	
12BK6	12.6	DCAU-GOBE	2.0	L	A	A	S4	1000	TRIODE SECTION.
12BK6	12.6	DCOU-FEBG	0.0	C	A	C	S1	10000	NOTE 5. DUAL DIODE. READ 0-30000 SCALE.
12BL6	12.6	DCAU-EFGB	1.0	B	B	A	S4	850	
12BR7	12.6	DEBO-AOCO	2.0	L	A	B	S4	3500	TRIODE SECTION.
12BR7	12.6	DEOO-GFHO	0.0	A	D	F	S2	1100	NOTE 5. DUAL DIODE. SET LOAD AT 53 READ ON 3000 SCALE.
12BT6	12.6	DCAU-GOBO	3.0	L	A	A	S4	750	TRIODE SECTION.
12BT6	12.6	DCOU-FEBO	0.0	C	A	C	S1	10000	NOTE 5. DUAL DIODE. READ 0-30000 SCALE.
12BU6	12.6	DCAU-GOBO	9.0	L	A	A	S4	1200	TRIODE SECTION.
12BU6	12.6	DCOU-FEBO	0.0	C	A	C	S1	10000	NOTE 5. DUAL DIODE. READ 0-30000 SCALE.
12BV7	12.6	DEBO-GHAC	2.2	L	H	C	S4	8000	
12BW4	12.6	DEOO-GAJO	0.0	A	H	G	S2	3000	NOTE 5. DUAL DIODE. SET LOAD AT 67 READ ON 10000 SCALE.
12BZ7	12.6	DEGB-FAHC	2.0	L	A	B	S4	2000	NOTE 5. DUAL TRIODE.
12C8	12.6	GBOO-CFHO	3.0	L	G	A	S4	800	PENTODE SECTION. CAP = G.
12C8	12.6	GBOO-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12CM6	12.6	DEFO-JAGO	12.5	L	L	B	S4	2600	
12CN5	12.6	DCBO-GFAO	1.0	B	B	B	S4	2400	
12CT8	12.6	DEHO-FGJO	1.5	K	G	B	S4	4400	PENTODE SECTION.
12CT8	12.6	DEBO-AOCO	1.3	H	A	B	S4	3100	TRIODE SECTION.
12CX6	12.6	DCAU-EFGB	1.0	B	B	B	S4	1900	
12DE8	12.6	DEAO-FHJO	1.0	B	B	A	S4	950	PENTODE SECTION.
12DE8	12.6	DEOO-COHO	0.0	A	D	F	S2	1200	DIODE SECTION. SET LOAD AT 53 READ ON 3000 SCALE.
12DF5	12.6	DEOO-FAHC	0.0	A	H	G	S2	3000	NOTE 5. DUAL DIODE. SET LOAD AT 67 READ ON 10000 SCALE.
12DF7	12.6	DEGB-FAHC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
12DK6	12.6	DCAU-EFGB	1.0	G	G	C	S4	6000	
12DK7	12.6	DEAO-GCHO	1.0	B	B	B	S4	3100	TETRODE SECTION.
12DK7	12.6	DEOO-FJBO	0.0	B	A	B	S1	6200	NOTE 5. DUAL DIODE.
12DL8	12.6	DEGO-FCBO	0.5	B	B	C	S4	6000	TETRODE SECTION.
12DL8	12.6	DEOO-JAHO	0.0	C	A	C	S1	13500	NOTE 5. DUAL DIODE.
12DQ4	12.6	GHOO-EUCO	0.0	A	J	G	S2	6000	SET LOAD AT 22 READ ON 10000 SCALE
12DQ7	12.6	DEBO-GHAJ	2.1	K	G	C	S4	6500	

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12DS7	12.6	DEGO-FC80	1.0	B	B	C	S4	6000	TETRODE SECTION.
12DS7	12.6	DE00-JAHO	0.0	B	A	B	S1	8500	NOTE 5. DUAL DIODE.
12DU7	12.6	DEAO-FC80	1.0	B	B	B	S4	3900	TETRODE SECTION.
12DU7	12.6	DE00-JG80	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12DV7	12.6	DEGO-FOHO	1.0	B	A	A	S4	450	TRIODE SECTION.
12DV7	12.6	DE00-CBAO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12DV8	12.6	DEHO-FC80	1.1	B	B	C	S4	6000	TETRODE SECTION.
12DV8	12.6	DE00-JAGO	0.0	C	A	C	S1	13500	NOTE 5. DUAL DIODE.
12DW5	12.6	DECO-JAGO	22.5	K	H	B	S4	3500	
12DW8	12.6	DEGO-FOHO	1.0	B	A	B	S4	1700	TRIODE NO. 1.
12DW8	12.6	DEBO-AOCO	1.0	B	A	B	S4	4100	TRIODE NO. 2.
12DW8	12.6	DE00-JOHO	0.0	A	F	G	S2	2200	DIODE SECTION. SET LOAD AT 40 READ ON 10000 SCALE.
12DY8	12.6	DEAO-FC80	1.0	B	B	B	S4	3800	TETRODE SECTION.
12DY8	12.6	DEJO-HOGO	1.0	B	A	A	S4	1250	TRIODE SECTION.
12DZ6	12.6	DCAO-EFGB	1.0	B	B	B	S4	2400	
12DZ8	12.6	DECO-FG80	9.2	H	G	B	S4	4700	PENTODE SECTION.
12DZ8	12.6	DEAO-JOHO	1.2	G	A	A	S4	850	TRIODE SECTION.
12EA6	12.6	DCAO-EFGB	1.0	B	B	B	S4	2400	
12EC8	12.6	DEJO-FGHO	1.0	B	B	A	S4	1250	PENTODE SECTION.
12EC8	12.6	DEAO-BOCO	1.0	B	A	B	S4	2900	TRIODE SECTION.
12ED5	12.6	CDBO-GFAO	4.5	G	G	C	S4	5300	
12EG6	12.6	DCAO-FO80	1.0	B	B	A	S4	500	
12EH5	12.6	DCBO-GFAO	3.3	G	G	C	S4	9000	
12EK6	12.6	DCAO-EFGB	1.0	B	B	B	S4	2600	
12EL6	12.6	DCAO-BOGO	0.5	B	A	A	S4	750	TRIODE SECTION.
12EL6	12.6	DC00-EFGO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12EM6	12.6	DEAO-FC80	1.0	B	B	B	S4	3100	TETRODE SECTION.
12EM6	12.6	DE00-JO80	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
12EN6	12.6	GBEO-CDHO	7.5	K	F	C	S4	5000	
12EQ7	12.6	DEBO-GFCA	1.0	F	F	B	S4	2400	PENTODE SECTION.
12EQ7	12.6	DE00-HOCO	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
12EZ6	12.6	DCAO-EFGB	0.5	B	B	B	S4	1700	
12F8	12.6	DEHO-CRGJ	0.5	B	B	A	S4	600	PENTODE SECTION.
12F8	12.6	DE00-FAGO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12FK6	12.6	DCAO-GO80	1.0	B	A	A	S4	750	TRIODE SECTION.
12FK6	12.6	DC00-FE80	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12FM6	12.6	DCAO-GO80	1.0	B	A	A	S4	800	TRIODE SECTION.
12FM6	12.6	DC00-FE80	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12FR8	12.6	DECO-GFOO	1.0	B	B	B	S4	1700	NOTE 3. PENTODE SECTION.
12FR8	12.6	DEAO-JO80	1.0	B	A	A	S4	750	TRIODE SECTION.
12FR8	12.6	DE00-HO80	0.0	B	A	B	S4	5000	DIODE SECTION. READ 0-10000 SCALE.
12FT6	12.6	DCAO-GO80	1.0	B	A	A	S4	650	TRIODE SECTION.
12FT6	12.6	DC00-FE80	0.0	B	A	B	S1	6200	NOTE 5. DUAL DIODE.
12FV7	12.6	DEGB-FAHC	2.0	F	A	C	S4	6000	NOTE 5. DUAL TRIODE.
12FX8	12.6	DEJO-CAGB	0.0	B	B	A	S4	550	AMPL. SECTION.
12FX8	12.6	DEBO-ACGJ	0.0	B	B	B	S4	2200	OSC. SECTION.
12FX8	12.6	DEFO-HO80	1.0	B	A	A	S4	900	NOTE 3. TRIODE SECTION.
12G4	12.6	DCFO-AOGO	8.0	L	A	B	S4	1600	
12G8	12.6	DEHO-FOGO	2.6	B	A	A	S4	1600	TRIODE NO. 1.
12G8	12.6	DECO-AOBO	0.8	B	A	A	S4	1600	TRIODE NO. 2.
12GA6	12.6	DCGO-EFBA	1.0	B	B	A	S4	400	AMPL. SECTION.
12GA6	12.6	DCAO-FEBG	0.0	B	B	A	S4	1500	OSC. SECTION.
12H6	12.6	GB00-ECHD	0.0	A	F	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 55 READ ON 10000 SCALE.
12J5	12.6	GBEO-CDHO	8.0	L	A	A	S4	1650	
12J7	12.6	GB00-CDHE	3.0	L	F	A	S4	750	CAP = G.
12J8	12.6	DEAO-FC80	1.0	B	B	B	S4	3400	TETRODE SECTION.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12J8	12.6	DE00-J0G0	0.0	A	C	F	S2	500	DIODE NO. 1. SET LOAD AT 29 READ ON 3000 SCALE.
12J8	12.6	DE00-H0G0	0.0	A	D	F	S2	2300	DIODE NO. 2. SET LOAD AT 13 READ ON 3000 SCALE.
12K7	12.6	GB00-CDHE	3.0	L	G	A	S4	900	CAP = G.
12KL8	12.6	DEB0-GFCA	1.0	F	F	B	S4	2700	PENTODE SECTION.
12KL8	12.6	DE00-H0C0	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
12L6	12.6	GBE0-CDHO	8.7	K	G	C	S4	5000	
12L8	12.6	GFA0-HEBC	9.0	J	J	A	S4	1350	PENTODE NO. 1.
12L8	12.6	GFC0-DEBA	9.0	J	J	A	S4	1350	PENTODE NO. 2.
12Q7	12.6	GB00-COHA	3.0	L	A	A	S4	750	TRIODE SECTION. CAP = G.
12Q7	12.6	GB00-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12R5	12.6	DCB0-GFA0	7.0	F	F	B	S4	4400	
12S8	12.6	GH00-FOB0	2.0	L	A	A	S4	700	TRIODE SECTION. CAP = G.
12S8	12.6	GH00-CDEB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12S8	12.6	GH00-A0B0	0.0	B	A	B	S1	5000	DIODE NO. 3. READ 0-10000 SCALE.
12SA7	12.6	GBEA-DCFH	0.0	F	F	B	S4	1800	OSC. SECTION.
12SA7	12.6	GBHD-CDFE	0.0	F	D	A	S4	400	AMPL. SECTION. JUMPER FROM PIN NO. 1 OF ANY SOCKET TO 'K'.
12SC7	12.6	GHDC-EBF0	2.0	L	A	A	S4	800	NOTE 5. DUAL TRIODE.
12SF5	12.6	GHCO-E0BA	2.0	L	A	A	S4	950	
12SF7	12.6	GHBO-FDCA	1.0	L	F	A	S4	1300	PENTODE SECTION.
12SF7	12.6	GH00-E0CF	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
12SG7	12.6	GBDO-HFEA	2.5	L	H	B	S4	2500	
12SH7	12.6	GBDO-HFEA	1.0	L	H	B	S4	3100	
12SJ7	12.6	GBDA-HFEC	3.0	L	F	A	S4	1050	
12SK7	12.6	GBDO-HFEC	3.0	L	F	A	S4	1250	
12SL7	12.6	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
12SQ7	12.6	GHBO-FOCA	2.0	L	A	A	S4	750	TRIODE SECTION.
12SQ7	12.6	GH00-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
12SR7	12.6	GHBO-FOCA	9.0	L	A	A	S4	1200	TRIODE SECTION.
12SR7	12.6	GH00-EDCF	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 RANGE.
12U7	12.6	DEGB-FAHC	0.5	B	A	A	S4	1000	NOTE 5. DUAL TRIODE.
13FR7	12.6	DEGO-FOHO	3.0	L	A	A	S4	1000	TRIODE NO. 1.
13FR7	12.6	DECO-A0JO	20.0	H	A	B	S4	4500	TRIODE NO. 2.
14A7	12.6	HAFO-BCGD	3.0	L	F	A	S4	1250	
14AF7	12.6	HAED-FCGB	10.0	L	A	B	S4	1450	NOTE 5. DUAL TRIODE.
14B6	12.6	HACO-B0G0	2.0	L	A	A	S4	700	TRIODE SECTION.
14B6	12.6	HA00-FEGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
14B8	12.6	HAFO-BEGD	1.5	F	D	A	S4	900	AMPL. SECTION. JUMPER FROM PIN NO. 3 OF ANY SOCKET TO 'K'.
14B8	12.6	HADB-CEGF	1.0	F	D	A	S4	750	OSC. SECTION.
14C5	12.6	HAFO-BCGD	12.5	L	L	B	S4	2600	
14C7	12.6	HAFO-BCGD	3.0	L	F	A	S4	1000	
14E6	12.6	HACO-B0G0	9.0	L	A	A	S4	1200	TRIODE SECTION.
14E6	12.6	HA00-FEGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
14F7	12.6	HAED-FCGB	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
14F8	12.6	GBHA-FCED	3.0	L	A	B	S4	2100	NOTE 5. DUAL TRIODE.
14H7	12.6	HAFO-BCGD	2.4	L	H	B	S4	2500	
14J7	12.6	HAFO-BEGD	3.0	F	E	A	S4	650	HEPTODE SECTION.
14J7	12.6	HADO-C0G0	5.0	H	A	A	S4	950	TRIODE SECTION.
14N7	12.6	HAED-FCGB	8.0	L	A	B	S4	1600	NOTE 5. DUAL TRIODE.
14Q7	12.6	HAFO-BCGD	0.0	F	D	A	S4	500	AMPL. SECTION. JUMPER FROM PIN NO. 5 OF ANY SOCKET TO 'K'.
14Q7	12.6	HADO-C0GF	0.0	F	F	B	S4	3300	OSC. SECTION.
14R7	12.6	HAFO-BEGD	1.0	L	F	B	S4	2000	PENTODE SECTION.
14R7	12.6	HA00-DCGB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. IUT. COND.	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
14S7	12.6	HAFO-BEGD	2.6	F	F	A	S4	1150	HEPTODE SECTION. TRIODE SECTION.
14S7	12.6	HADD-CIGF	0.0	F	A	A	S4	1100	
14V7	12.6	HAFO-BCGD	2.2	M	H	B	S4	3600	TRIODE SECTION.
14W7	12.6	HAFO-BCGE	2.2	M	H	B	S4	3600	
14X7	12.6	HACO-BODD	1.0	L	A	A	S4	950	
14X7	12.6	HAOD-EFDG	0.0	A	C	F	S2	500	NOTE 5. DUAL DIODE. SET LOAD AT 29 READ ON 3000 SCALE.
14Y4	12.6	HAUD-FCGU	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
15A6	12.6	DEBO-GACF	2.9	J	J	C	S4	6000	TRIODE NO. 1. SET 'LINE ADJUST' AT 1400 ON 3000 SCALE.
15EA7	12.6	GHDD-EOFO	3.0	L	A	A	S4	1400	
15EA7	12.6	GHAO-BOCO	25.0	J	A	B	S4	3800	TRIODE NO. 2.
15EW6	12.6	DCAO-EFBG	1.0	H	H	C	S4	8500	SET LOAD AT 22 READ ON 10000 SCALE PENTODE SECTION.
17AV5	17.0	GBAO-EHCO	22.5	L	H	B	S4	3700	
17CA5	17.0	DCEO-GFAO	4.5	G	G	C	S4	5500	
17DQ4	17.0	GHDD-EOCO	0.0	A	J	C	S2	6000	
17HC8	17.0	DECO-FGBD	18.0	L	L	B	S4	3200	
17HC8	17.0	DEAO-JOHO	3.0	L	A	A	S4	1250	
17JK8	17.0	DEGO-FOHJ	1.0	F	A	B	S4	4300	
17JK8	17.0	DEBO-AOCJ	1.1	G	A	C	S4	8000	
17L6	17.0	GBEO-CDHO	8.7	K	G	C	S4	5000	
17R5	17.0	DCBO-GFAO	7.0	F	F	B	S4	4400	
18DZ8	17.0	DECO-FGBD	9.2	H	G	B	S4	4700	PENTODE SECTION.
18DZ8	17.0	DEAO-JOHO	1.2	G	A	A	S4	850	TRIODE SECTION.
18HB8	17.0	DEJO-GFHO	6.0	G	G	B	S4	3900	PENTODE SECTION.
18HB8	17.0	DEAO-COBO	1.0	G	A	B	S4	2400	TRIODE SECTION.
19BG6	20.0	GBEU-OHCO	15.0	L	L	B	S4	3800	CAP = P.
19C8	20.0	DEHO-JOGO	1.0	F	A	A	S4	800	TRIODE SECTION.
19C8	20.0	DEOO-FBGC	0.0	A	E	F	S2	2100	NOTE 5. DUAL DIODE. SET LOAD AT 27 READ ON 3000 SCALE.
19C8	20.0	DEOO-AOGO	0.0	A	E	F	S2	2100	DIODE NO. 3. SET LOAD AT 27 READ ON 3000 SCALE.
19DE7	20.0	DEGO-FOHO	11.0	L	A	A	S4	1250	TRIODE NO. 1.
19DE7	20.0	DEBO-AOJO	17.5	H	A	B	S4	4100	TRIODE NO. 2.
19J6	20.0	DCEF-BAGO	1.0	F	A	B	S4	3300	NOTE 5. DUAL TRIODE.
19T8	20.0	DEHO-JOGF	3.0	L	A	A	S4	750	TRIODE SECTION.
19T8	20.0	DEOO-EBGC	0.0	A	D	G	S2	3300	NOTE 5. DUAL DIODE. SET LOAD AT 10 READ ON 10000 SCALE.
19T8	20.0	DEOO-AOGH	0.0	A	D	G	S2	3300	DIODE NO. 3. SET LOAD AT 10 READ ON 10000 SCALE.
19V8	20.0	DEFO-AOCH	3.0	L	A	A	S4	750	TRIODE SECTION.
19V8	20.0	DEOO-JOBC	0.0	B	A	B	S1	5000	DIODE NO. 1. READ 0-10000 SCALE.
19V8	20.0	DEOO-GBHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE.
19X3	20.0	DEOU-JOCO	0.0	A	E	G	S2	5500	SET LOAD AT 12. READ ON 10000 SCALE.
19Y3	20.0	DEOO-JOCO	0.0	A	E	G	S2	5500	SET LOAD AT 12 READ ON 10000 SCALE
20EQ7	20.0	DEHO-GFCA	1.0	F	F	B	S4	2400	PENTODE SECTION.
20EQ7	20.0	DEOO-HOCO	0.0	B	A	B	S1	5000	DIODE SECTION. READ 0-10000 SCALE.
21A6	20.0	DEBO-OHCJ	23.0	J	J	B	S4	4100	CAP = P.
21EX6	20.0	GBEO-OHCO	30.0	J	J	B	S4	4800	CAP = P.
25A6	25.0	GBEO-CDHO	18.0	H	G	A	S4	1500	CAP = P.
25C6	25.0	GBEO-CDHO	12.0	K	G	B	S4	4500	
25CU6	25.0	GBEO-ODHO	22.5	L	H	B	S4	3700	CAP = P.
25DK4	25.0	CDOD-EOGO	0.0	A	E	G	S2	5500	SET LOAD AT 12 READ ON 10000 SCALE
25DQ6	25.0	GREU-ODHO	22.5	L	H	B	S4	3800	CAP = P.
25DT5	25.0	DECO-JAGO	16.5	L	L	B	S4	3900	CAP = P.
25W6	25.0	GBEO-CDHO	8.7	K	G	C	S4	5000	
25Z6	25.0	GBOD-ECHD	0.0	A	D	G	S2	2800	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
26A6	25.0	DCAO-EFGB	1.8	L	F	B	S4	2500	PENTODE NO. 1. PENTODE NO. 2. TRIODE SECTION.
26A7	25.0	GFAO-HEBC	4.5	C	C	B	S4	3600	
26A7	25.0	GFCO-DEBA	4.5	C	C	B	S4	3600	
26BK6	25.0	DCAO-GOBE	2.0	L	A	A	S4	1000	

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND.	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
26BK6	25.0	DC00-FEFG	0.0	C	A	C	S1	10000	NOTE 5. DUAL DIODE. READ 0-30000 SCALE.
26C6	25.0	DCA0-G0B0	9.0	L	A	A	S4	1200	TRIODE SECTION.
26C6	25.0	DC00-FEFG	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
26D6	25.0	DCC0-EFBA	2.0	L	C	A	S4	300	AMPL. SECTION.
26D6	25.0	DCA0-FEFG	0.0	F	F	B	S4	4500	OSC. SECTION.
26E6	25.0	GBE0-CDH0	13.0	K	G	H	S4	4500	
26Z5W	25.0	DE00-FAHC	0.0	A	E	G	S2	5000	NOTE 5. DUAL DIODE. SET LOAD AT 11 READ ON 10000 SCALE.
32	2.0	FA00-BC00	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
35CD6	35.0	GBE0-OHCO	30.0	J	J	B	S4	4800	CAP = P.
35DZ8	35.0	DECO-FGB0	9.2	H	G	B	S4	4700	PENTODE SECTION.
35DZ8	35.0	DEAD-J0H0	1.2	G	A	A	S4	850	TRIODE SECTION.
35Y4	35.0	HA00-B0G0	0.0	A	E	G	S2	5500	SET LOAD AT 12 READ ON 10000 SCALE
35Z3	35.0	HA00-B0G0	0.0	A	E	G	S2	5500	SET LOAD AT 12 READ ON 10000 SCALE
45	2.5	FAC0-B000	37.0	K	A	A	S4	1300	NOTE 3.
50A5	50.0	HAF0-BCG0	8.7	K	G	C	S4	5000	
50B5	50.0	DCA0-EF80	8.0	G	F	H	S4	4700	
50BK5	50.0	DECO-AHF0	5.0	L	L	C	S4	5000	
50C6	50.0	GBE0-CDH0	12.0	K	G	H	S4	4500	
50CA5	50.0	DCEU-GFA0	4.5	G	G	C	S4	5500	
50FA5	50.0	DCR0-GFA0	5.4	F	F	H	S4	3600	
50FY8	50.0	DECO-FGR0	13.5	G	G	B	S4	4700	PENTODE SECTION.
50FY8	50.0	DEAD-J0H0	1.5	G	A	H	S4	1250	TRIODE SECTION.
50L6	50.0	GBE0-CDH0	8.7	K	G	C	S4	5000	
50X6	50.0	HA00-FCGB	0.0	A	E	G	S2	5200	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
50Y7	50.0	GB00-ECHD	0.0	A	D	G	S2	2800	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
53	2.5	GAEC-FBD0	2.0	H	A	A	S4	1200	NOTE 5. DUAL TRIODE.
55	2.5	FA00-BOE0	20.0	L	A	A	S4	700	TRIODE SECTION. CAP = G.
55	2.5	FA00-DCFO	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
56	2.5	FAC0-BOE0	13.5	L	A	A	S4	900	
57	2.5	FA00-BCED	3.0	L	F	A	S4	750	CAP = G.
58	2.5	FA00-BCED	3.0	L	F	A	S4	1000	CAP = G.
59	2.5	GADD-BCFE	18.0	L	L	B	S4	1500	
70L7	75.0	GBE0-CDFO	8.0	F	F	B	S4	4700	PENTODE SECTION.
70L7	75.0	GB00-HOAC	0.0	A	E	G	S2	3000	RECT. SECTION. SET LOAD AT 25 READ ON 10000 SCALE.
75	6.3	FA00-BOE0	2.0	L	A	A	S4	700	TRIODE SECTION. CAP = G.
75	6.3	FA00-DCEB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.
76	6.3	FAC0-BOE0	13.5	L	A	A	S4	900	
77	6.3	FA00-BCED	3.0	L	F	A	S4	900	CAP = G.
78	6.3	FA00-BCED	3.0	L	G	A	S4	1050	CAP = G.
83V	5.0	FA00-CB00	0.0	A	D	G	S2	2700	NOTE 5. DUAL DIODE. SET LOAD AT 12 READ ON 10000 SCALE.
84	6.3	FA00-CBE0	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
89/89Y	6.3	FA00-BCED	25.0	L	L	A	S4	1100	CAP = G.
117L7/M7	117.0	GB00-CEH0	5.2	F	F	B	S4	3300	PENTODE SECTION.
117L7/M7	117.0	GB00-FOA0	0.0	A	E	G	S2	4600	RECT. SECTION. SET LOAD AT 16 READ ON 10000 SCALE.
117N7	117.0	GB00-H000	0.0	A	E	G	--	4600	RECT. SECTION. SET LOAD AT 16 READ ON 10000 SCALE. HOLD DOWN S2 AND PRESS S7. NOTE 4.
117N7	117.0	GB00-CEFO	6.0	F	F	B	S4	4500	PENTODE SECTION.
117P7	117.0	GB00-H000	0.0	A	E	G	S2	4600	RECT. SECTION. SET LOAD AT 16 READ ON 10000 SCALE. NOTE 4.
117P7	117.0	GRDU-CEFO	6.0	F	F	B	S4	4500	PENTODE SECTION.
117Z3	117.0	DC00-E0FO	0.0	A	E	G	S2	3200	SET LOAD AT 25 READ ON 10000 SCALE
117Z6	117.0	GR0U-ECHD	0.0	A	D	G	S2	3400	NOTE 5. DUAL DIODE. SET LOAD AT 10 READ ON 10000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
X-155 GL502A	6.3 6.3	DEGB-FAHC GBEO-COHP	1.0 ---	G A	A F	C F	S4 S2	5000 2000	NOTE 5. DUAL TRIODE. SET LOAD AT 80. FIRES ABOUT 2 V. READ ON 3000 SCALE. NOTE 6.
CK502AX CK503AX CK506AX	1.1 1.1 1.1	CEDO-AB00 CEDO-AB00 CEDO-AB00	1.2 2.0 4.5	D D D	D D D	A A A	S4 S4 S4	350 350 300	NOTE 3. NOTE 3. NOTE 3.
CK512AX CK518AX CK522AX CK523AX CK524AX	0.6 1.1 1.1 1.1 1.1	CEDO-AB00 CEDO-AB00 CEDO-AB00 CEDO-AB00 CEDO-AB00	2.0 2.0 1.2 1.2 8.0	D D D C D	D D D C D	A A A A A	S4 S4 S4 S4 S4	100 350 400 200 150	NOTE 3. NOTE 3. NOTE 3. NOTE 3. NOTE 3.
CK525AX CK526AX CK527AX CK528AX CK529AX	1.1 1.1 1.1 1.1 1.1	CEDO-AB00 CEDO-AB00 CEDO-AB00 CEDO-AB00 CEDO-AB00	1.2 1.5 0.0 1.2 2.5	C C C D C	C C C D C	A A A A A	S4 S4 S4 S4 S4	200 250 150 350 200	NOTE 3. NOTE 3. NOTE 3. NOTE 3. NOTE 3.
CK533AX CK535AX CK536AX CK541DX CK542DX	1.1 1.1 1.1 1.1 1.1	CEDO-AB00 CEDO-AB00 CEDO-AB00 CEDO-AB00 CEDO-AB00	0.0 2.5 0.0 0.0 2.0	C C C C C	C C C C A	A A A A A	S4 S4 S4 S4 S4	300 200 300 300 200	NOTE 3. NOTE 3. NOTE 3. NOTE 3. NOTE 3.
CK543DX CK544DX CK546DX GL546	0.6 1.1 1.1 6.3	CEDO-BA00 CEDO-AB00 CEDO-AB00 DCAO-GEBO	0.5 0.6 0.0 ---	B D C A	H D C E	A A A F	S1 S4 S4 S2	900 300 250 1300	NOTE 3. NOTE 3. NOTE 3. NOTE 6. SET LOAD AT 61. FIRES ABOUT 0.5 V. READ ON 3000 SCALE. NOTE 3.
CK547DX	1.1	CEDO-AB00	1.2	D	D	A	S4	200	NOTE 3.
CK548DX CK569AX CK578AX 629	1.1 1.1 1.1 3.0	CEDO-AB00 ECDO-AB00 CEDO-AB00 FACO-BOEO	1.4 0.0 6.0 ---	C E F A	C D F H	A A A G	S4 S4 S4 S2	200 600 1200 2500	NOTE 3. NOTE 3. NOTE 3. NOTE 6. SET LOAD AT 65. FIRES ABOUT 1 V. READ ON 10000 SCALE. NOTE 3.
801A	7.5	FACO-BO00	9.0	M	A	A	S4	1050	NOTE 3.
802	6.3	GADO-OCFE	9.0	M	H	A	S4	1400	CAP = P.
807	6.3	FACO-OBEO	14.0	L	L	B	S4	3800	CAP = P.
809	6.3	FACO-0000	0.0	M	A	B	S4	1650	NOTE 3. CAP = P.
811A	6.3	FACO-0000	0.0	M	A	A	S4	1500	NOTE 3. CAP = P.
812	6.3	FACO-0000	2.0	M	A	B	S4	2300	NOTE 3. CAP = P.
815	6.3	HEGO-ODCB	10.0	G	G	B	S4	2500	PENTODE NO. 1. LEFT CAP = P.
815	6.3	AEBO-ODCG	10.0	G	G	B	S4	2500	PENTODE NO. 2. RIGHT CAP = P.
816	2.5	FA00-0000	0.0	A	J	G	S2	6000	CAP = P. SET LOAD AT 26 READ ON 10000 SCALE.
836	4.3	DA00-0000	0.0	A	E	G	S2	5000	CAP = P. SET LOAD AT 11 READ ON 10000 SCALE.
837	12.6	GADO-OCFE	20.0	M	K	B	S4	2000	CAP = P.
841	7.5	FACO-BO00	15.0	M	A	A	S4	300	NOTE 3.
842	7.5	FACO-BO00	40.0	K	A	A	S4	650	NOTE 3.
843	2.5	FACO-BOEO	26.0	M	A	A	S4	1000	
864	1.1	FACO-BO00	18.0	H	A	A	S4	300	NOTE 3.
865	7.5	FACO-OB00	0.0	M	H	A	S4	350	CAP = P.
879	2.5	FA00-0000	0.0	A	D	E	S2	22000	CAP = P. SET LOAD AT 0 READ 0-60000 SCALE.
950	2.0	FACO-BE00	15.0	H	G	A	S4	600	NOTE 3.
951	2.0	FA00-BC00	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
954	6.3	FAHO-OCGD	3.0	L	F	A	S4	850	CAP = P.
955	6.3	FADD-C0G0	7.0	L	A	A	S4	1400	
956	6.3	FAHO-OCGD	3.0	L	F	A	S4	1150	CAP = P.
957	1.1	FADD-C000	5.0	G	A	A	S4	450	NOTE 3.
958	1.1	FADD-C000	7.0	G	A	A	S4	800	NOTE 3.
959	1.1	FAHO-OC00	3.0	H	E	A	S4	350	NOTE 3. TOP PIN = P.
CK1042	OFF	0000-A0EO	0.0	A	L	F	S2	500	PLACE A 6.8 K OHM, 1 WATT RESISTOR ACROSS THE SELF BIAS JACK. SET LOAD AT 26. READ ON 3000 SCALE.
1201	6.3	HBAU-C000	3.0	J	A	B	S4	1900	

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
1203	6.3	HADD-D0GO	0.0	A	D	E	S2	15000	SET LOAD AT 26. PLACE A 10 K OHM, 1 WATT RESISTOR ACROSS THE SELF BIAS JACK. READ ON 60000 SCALE.
1204	6.3	GBEO-CADD	2.0	L	F	A	S4	1100	
1216	6.3	DCEF-BAGU	2.2	F	A	B	S4	2300	NOTE 5. DUAL TRIODE.
1229	2.0	FAUD-BCDU	3.0	J	D	A	S4	400	NOTE 3. CAP = G.
1230	2.0	FACD-R000	13.5	J	A	A	S4	550	NOTE 3.
1231	6.3	HAFO-BCGD	2.0	M	H	B	S4	3500	
1232	6.3	HAFO-BCGD	2.0	L	F	B	S4	2800	
1237	2.5	GB00-CF00	0.0	A	B	E	S2	30000	NOTE 5. DUAL DIODE. SET LOAD AT 25 READ ON 60000 SCALE.
1273	6.3	HAFO-BCGD	3.0	L	F	A	S4	1000	
1274	6.3	GB00-ECHO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
1280	12.6	HAFO-BCGD	3.0	L	F	A	S4	1000	
1284	12.6	HAFO-BCGD	3.0	L	F	A	S4	1250	
1293	1.4	HAFO-B000	0.0	F	A	A	S4	950	NOTE 3.
1294	1.4	HADD-D0GO	0.0	H	A	B	S1	8500	
1299	2.5	HAFO-BCDU	4.5	J	E	A	S4	1500	NOTE 3.
1603	6.3	FAUD-BCED	3.0	L	F	A	S4	750	CAP = G.
1609	1.1	FACD-BE00	2.7	G	E	A	S4	500	NOTE 3.
1612	6.3	GB00-CDHE	3.0	L	F	A	S4	750	CAP GRID. CAP = G.
1612	6.3	GBEO-CDHA	10.0	L	F	A	S4	450	PIN GRID. CAP = K.
1613	6.3	GBEO-CDHA	16.5	L	L	B	S4	1550	
1614	6.3	GBEO-CDHA	14.0	L	L	B	S4	3800	
1619	2.5	GBEO-CD0H	13.0	M	M	B	S4	2800	NOTES 3 & 4.
1620	6.3	GB00-CDHE	3.0	L	F	A	S4	750	CAP = G.
1621	6.3	GBEO-CDHA	16.5	L	L	B	S4	1550	
1622	6.3	GBEO-CDHA	14.0	L	L	B	S4	3800	
1623	6.3	FACD-0000	0.0	M	A	B	S4	1650	NOTE 3. CAP = P.
1624	2.5	FACD-0B00	5.0	L	L	B	S4	2500	NOTE 3. CAP = P.
1631	12.6	GBEO-CDHA	14.0	L	L	B	S4	3800	
1632	12.6	GBEO-CDHA	8.0	G	F	B	S4	4700	
1633	25.0	GHDA-EBFC	8.0	L	A	B	S4	1600	NOTE 5. DUAL TRIODE.
1634	12.6	GHDC-EBFA	2.0	L	A	A	S4	800	NOTE 5. DUAL TRIODE.
1635	6.3	GBDE-CFHU	0.0	M	A	A	S4	850	NOTE 5. DUAL TRIODE.
1642	6.3	GADD-ECFB	16.5	L	A	A	S4	850	NOTE 5. DUAL TRIODE. CAP = G.
1644	12.6	GFAU-HEBC	9.0	J	J	A	S4	1350	PENTODE NO. 1.
1644	12.6	GFCO-DEBA	9.0	J	J	A	S4	1350	PENTODE NO. 2.
1658	2.0	FACD-R000	13.5	J	A	A	S4	550	NOTE 3.
1659	2.5	FAUD-BOEO	2.0	L	A	A	S4	700	CAP = G. TRIODE SECTION.
1659	2.5	FAUD-DCEB	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ ON 10000 SCALE.
1851	6.3	GB00-CDHE	2.0	M	H	C	S4	5500	CAP = G.
1852	6.3	GB00-HFEC	2.0	M	H	C	S4	5500	
1853	6.3	GB00-HFEC	3.0	M	K	B	S4	3100	
5516	6.3	GBEO-0CA0	19.0	M	L	B	S4	1900	NOTE 3. CAP = P.
5556	4.3	FACD-B000	25.0	M	A	A	S4	600	NOTE 3.
5610	6.3	DCFO-A0B0	1.5	E	A	B	S4	2500	
5618	6.3	AGFO-BCD0	8.0	L	E	B	S4	2300	NOTES 3 & 4.
5633	6.3	DFCO-0EAB	1.4	F	F	B	S4	2100	TOP LEAD = P.
5634	6.3	DFCO-0EAB	1.3	F	F	B	S4	2200	TOP LEAD = P.
5635	6.3	CFAB-GEHD	1.0	F	A	B	S4	2400	NOTE 5. DUAL TRIODE.
5637	6.3	C0B0-A0E0	1.1	F	A	B	S4	1700	
5638	6.3	DFCO-AEBO	1.6	F	F	B	S4	2100	
5639	6.3	CFAU-EGBU	2.5	L	F	C	S4	5500	
5640	6.3	CFAU-EGHO	9.0	F	F	B	S4	3100	
5641	6.3	CF00-BOEO	0.0	A	E	G	S2	2600	SET LOAD AT 30 READ ON 10000 SCALE
5645	6.3	ECDU-A0B0	2.8	F	A	B	S4	1700	
5646	6.3	ECDO-A0B0	1.1	F	A	A	S4	1300	
5647	6.3	BC00-A0D0	0.0	A	C	F	S2	1000	SET LOAD AT 21 READ ON 3000 SCALE.
5659	12.6	GBEO-CDHU	12.5	L	L	B	S4	1900	
5660	12.6	GB00-CFHO	3.0	L	G	A	S4	800	PENTODE SECTION. CAP = G.
5660	12.6	GB00-EDHC	0.0	B	A	B	S1	5000	NOTE 5. DUAL DIODE. READ 0-10000 SCALE.

TUBE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
5661	12.6	GBDO-HFEC	3.0	L	F	A	S4	1250	NOTE 6. SET LOAD AT 67. FIRES ABOUT 1 V. SHORT ON 1. READ ON 3000 SCALE.
5662	6.3	DCAO-GOBE	---	A	E	F	S2	1250	
5663	6.3	DCAO-GEBO	---	A	E	F	S2	1300	NOTE 6. SET LOAD AT 61. FIRES ABOUT 0.5 V. READ ON 3000 SCALE.
5679	6.3	HAOO-FCGR	0.0	A	F	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 55 READ ON 10000 SCALE.
5690	6.3	GF00-E0HO	0.0	A	E	G	S2	4500	UNIT NO. 1. SET LOAD AT 16 READ ON 10000 SCALE.
5690	6.3	BA00-C000	0.0	A	E	G	S2	4500	UNIT NO. 2. SET LOAD AT 16 READ ON 10000 SCALE.
5691	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
5692	6.3	GHDA-EBFC	8.0	L	A	B	S4	1700	NOTE 5. DUAL TRIODE.
5693	6.3	GHDA-HFEC	3.0	L	F	A	S4	1050	
5694	6.3	GHDE-CFAH	5.0	L	A	B	S4	1900	NOTE 5. DUAL TRIODE.
5731	6.3	FADO-COGO	7.0	L	A	A	S4	1400	
5732	6.3	GB00-C0HE	3.0	L	G	A	S4	1050	CAP = G.
5742	4.3	FACU-B000	0.0	M	A	A	S4	700	NOTE 3.
5785	1.1	FG00-A000	0.0	A	B	B	S2	2200	SET LOAD AT 39. PLACE A 20 K OHM, 1/2 WATT RESISTOR ACROSS THE SELF BIAS JACK. READ ON 10000 SCALE.
5812	6.3	DCAU-EFUB	24.5	L	L	B	S4	2700	NOTES 3 & 4.
5823	OFF	0000-AHGO	0.0	E	E	VR	S4	68V	NOTE 1. JUMPER A 100 K OHM RESISTOR FROM PIN 4 TO PIN 8 OF ANY SOCKET. REG. = 3 VOLTS. FROM 5 TO 25 MA.
5824	25.0	GBEO-CDHO	18.0	G	G	B	S4	3100	CAP = P. PLACE A 24 K OHM, 1/2 WATT RESISTOR ACROSS THE SELF BIAS JACK. READ ON 10000 SCALE.
5825	1.4	FA00-0000	0.0	A	G	B	S2	5000	
5838	12.6	GB00-ECHA	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
5839	25.0	GB00-ECHO	0.0	A	H	G	S2	6000	NOTE 5. DUAL DIODE. SET LOAD AT 20 READ ON 10000 SCALE.
5851	2.5	GAHO-CF00	7.5	G	G	A	S4	1000	NOTE 3.
5854	1.1	CEDO-AB00	2.0	D	D	A	S4	350	NOTE 3.
5875	1.4	CEDO-AB00	0.0	E	E	B	S4	1550	NOTE 3.
5879	6.3	DEAO-HGCJ	3.0	L	F	A	S4	650	
5886	1.1	DCGO-AB00	0.0	B	A	A	S4	100	NOTE 3.
5910	1.4	EGFO-BC00	0.0	E	E	A	S4	550	NOTE 3.
5967	1.1	DBFC-HA00	0.0	D	A	A	S4	1250	NOTES 3 & 5. DUAL TRIODE.
5992	6.3	GBEO-CDHO	12.5	L	L	B	S4	2500	
6000	25.0	BGAO-EHCO	15.0	M	K	C	S4	5000	
6007	1.1	CEDO-AB00	0.2	C	C	A	S4	250	NOTE 3.
6008	0.6	CE00-AB00	0.0	C	C	A	S4	100	NOTE 3.
6026	6.3	DEGO-HOCO	2.6	G	A	B	S4	3700	
6029	1.1	BD00-A000	4.0	E	A	A	S4	1250	NOTE 3.
6087	5.0	HB00-FD00	0.0	A	G	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 45 READ ON 10000 SCALE.
6088	1.1	CEDO-AB00	1.2	D	D	A	S4	400	NOTE 3.
6094	6.3	CEAO-DBHO	12.5	L	L	B	S4	2600	
6099	6.3	DCEF-BAGO	1.1	F	A	B	S4	3300	NOTE 5. DUAL TRIODE.
6100	6.3	DCFO-ADGO	8.5	L	A	A	S4	1400	
6101	6.3	DCEF-BAGO	1.1	F	A	B	S4	3300	NOTE 5. DUAL TRIODE.
6106	5.0	HB00-FD00	0.0	A	G	G	S2	2500	NOTE 5. DUAL DIODE. SET LOAD AT 45 READ ON 10000 SCALE.
6113	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6145	6.3	HAFO-BCGD	0.0	H	F	C	S4	6000	
6147	2.5	GAHO-CF00	7.5	G	G	A	S4	1000	NOTE 3.
6169	6.3	CFAO-B000	1.0	J	A	B	S4	4100	
6184	6.3	CFOO-BGDE	0.0	A	C	F	S2	500	NOTE 5. DUAL DIODE. SET LOAD AT 29 READ ON 3000 SCALE.
6188	6.3	GHDA-EBFC	2.0	L	A	A	S4	1000	NOTE 5. DUAL TRIODE.
6355	6.3	ECAU-FD00	0.0	L	J	G	S4	----	EYE 1 OPEN. EYE 2 CLOSED.
6355	6.3	EC00-BAGO	0.0	L	J	G	S4	----	EYE 2 OPEN. EYE 1 CLOSED.

TYPE TYPE	FIL.	SELECTORS	BIAS	PLT	SCRN	RANGE	PRESS	MIN. MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6877	6.3	ECAO-DOHO	12.0	H	A	B	S4	4100	CAP = P. SET LOAD AT 22. PLACE A 6.8 K OHM, 1 WATT RESISTOR ACROSS THE SELF BIAS JACK. READ ON 3000 SCALE. CAP = P. SFT LOAD AT 0 READ 0-60000 SCALE. SET LOAD AT 55 READ ON 3000 SCALE. SET LOAD AT 12 READ ON 3000 SCALE. SET LOAD AT 67 READ ON 3000 SCALE.
6888	6.3	GBDO-HFEC	0.0	G	F	B	S4	3800	
6954	6.3	DCAO-EFBG	3.5	H	H	A	S4	1250	
8013A	2.5	FAOO-0000	0.0	A	C	B	S2	1500	
8016	1.1	GBOO-0000	0.0	A	E	E	S2	10000	
9001	6.3	DCAO-EFBO	3.0	L	F	A	S4	850	
9002	6.3	DCFO-AOGO	7.0	L	A	A	S4	1400	
9003	6.3	DCAO-EFBO	3.0	L	F	A	S4	1100	
9004	6.3	FAOO-CODD	0.0	A	E	F	S2	2000	
9005	4.3	FAOO-DOCO	0.0	A	C	F	S2	500	
9006	6.3	DCOO-AOGO	0.0	A	E	F	S2	1300	

NOTATIONS

- NOTE 1: (symbol "†" on Roll Chart) Read 0-100 milliamperes with S3 pressed.
- NOTE 2: (symbol "★" on Roll Chart) Approximate starting voltage for voltage regulator tubes.
- NOTE 3: (symbol "◆" on Roll Chart) Filament Centering. Press and hold down S4 and S7 while adjusting METER to read zero by means of the red FILAMENT CENTER knob mounted concentrically on the FILAMENT VOLTS switch. Then proceed with test.
- NOTE 4: (symbol "✦" on Roll Chart) Verify shorts by setting first FILAMENT SELECTOR switch to "0".
- NOTE 5: (symbol "✕" on Roll Chart) Dual Test: For dual section tubes, make normal leakage test first, then repeat leakage test for second section with S6 pressed. Release S6 and proceed with further first section tests using button indicated in PRESS column. For second section tests, press and hold down S6 together with button indicated in the PRESS column.
- NOTE 6: (symbol "#" on Roll Chart) Set BIAS VOLTS control to 50 volts; press button indicated in the PRESS column; then decrease bias until tube "fires". Note the firing voltage. Reduce BIAS VOLTS control to zero and take quality reading.

ADAPTERS

for TUBE TESTERS

As new tube types with new basing arrangements are developed, Hickok makes Adapters to accommodate them. These Adapters consist of the new bases which plug into a socket on your Tube Tester and thus enlarge its scope to the extent of the new basings. This Hickok policy greatly extends the useful life of your Tester. Consult the following list of Adapters with

their descriptions to determine which Adapter meets your requirements. Please order by both Model and Code number of the Adapter, as well as indicating the Model and Serial number of the Tube Tester with which the Adapter is to be used.

Model No.	Code No.	
CA-5	1050-164	Adapter - Latest Tube Bases: This adapter provides tube test sockets for Compactrons, Novars, 5 and 7-pin Nuvistors and the new 10-pin tubes, including Decals. Three selector switches provide selection of tube elements on the latest based tubes and a permanently attached lead provides for top cap tube connections. The adapter is supplied with a connecting cable terminating in a Noval plug which is plugged into the tube tester Noval test socket.
SA-1	1050-94	Subminiature Adapter, with sockets for testing 7-pin inline and 8-pin round tube types on some early units of Models 539B, 539C, 580, 750, 752, 752A, 6000, 6000A and 6005 Tube Testers that were not supplied with these sockets on their panels, although most of the above Testers are equipped with these sockets. Check your particular Tester before ordering.
SA-2	1050-99	Subminiature Adapter, with sockets for testing 7-pin inline and 8-pin round tube types on some early units of Models 533A, 600A, 800, 800A and 1575 Tube Testers that were not supplied with these sockets on their panels, although most of the above Testers are equipped with these sockets. Check your particular Tester before ordering.
SA-3	1050-127	Nuvistor Adapter, for testing 5-pin Nuvistor tube types on all Hickok Tube Testers not supplied with this socket on the panel. NOTE: This socket is also on the CA-4, 1050-135 (and CA-5, 1050-164) Universal Adapters. If you have a Universal Adapter, this Nuvistor Adapter is unnecessary.
SA-4	1050-144	Novar Adapter, for testing all Novar tube types on all Hickok Tube Testers not supplied with this socket on the panel. NOTE: This socket is also on the CA-4, 1050-135 (and CA-5, 1050-164) Universal Adapters. If you have a Universal Adapter, this Novar Adapter is unnecessary.
SA-5	1050-129	Rimlock Adapter, for testing Foreign Rimlock tube types on all Hickok Tube Testers.
SA-6	1050-107	Septar Adapter, for testing Septar tube types such as 829B, 832A, etc., on all Hickok Tube Testers.
SA-7	1050-9	Acorn Adapter, for testing Acorn tube types on all Hickok Tube Testers not supplied with this socket on the panel.
SA-8	1050-168	Magnoval Adapter, for testing Magnoval tube types on all Hickok Tube Testers not supplied with this socket. CAUTION: Any attempt to force a Magnoval tube type into a Novar socket (it can be done) will spread the pin contacts in the socket and render it permanently useless for testing Novar tube types.
SA-9	1050-121	Pencil Tube Adapter, for testing Pencil tube types on all Hickok Tube Testers.
SA-11	1050-177	Decal Adapter, for testing 10-pin Decal tube types on all Hickok Tube Testers not supplied with this socket on panel. The following list of early Hickok Tube Testers also require a CA-4, 1050-135, Universal Adapter be used in conjunction with this Adapter: Models 533A, 539B, 600A, 605A, 750, 752, 800, 1575, 6000 and 6005.

K4XL's **BAMA**

This manual is provided **FREE OF CHARGE** from the "BoatAnchor Manual Archive" as a service to the Boatanchor community.

It was uploaded by someone who wanted to help you repair and maintain your equipment.

If you paid anyone other than BAMA for this manual, you paid someone who is making a profit from the free labor of others without asking their permission.

You may pass on copies of this manual to anyone who needs it. But do it without charge.

Thousands of files are available without charge from BAMA. Visit us at <http://bama.sbc.edu>