

**SUPPLEMENT****TEST DATA FOR ELECTRON TUBE TEST SETS**

TV-7( )/U

THIS PUBLICATION SUPPLEMENTS T.O. 33AA21-5-31, DATED 17 JANUARY 1962, AND REPLACES T.O. 33AA21-5-31L, DATED 1 NOVEMBER 1973. A suitable reference to this supplement will be made on the title page of the basic publication.

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1 MAY 1973

## 1. PURPOSE.

This supplement is issued to incorporate additional Electron Tube Test Data.

## 2. INSTRUCTIONS.

Page 12, Tube Type 3D21A, change settings under SELECTORS column to HS6-0480.

Page 22, following test information listed for Tube Type 6BW6 add: If short indication is obtained on positions 1, 2, 3, and 5 on shorts test, use the following selector settings: EV1-7839. All other settings remain the same.

Page 22, Tube Type 6BQ5, add under NOTATIONS column: Short on 1, 2, 3, and 5.

Page 24, following test information listed for Tube Type 6CH6 add: If short indication is obtained on positions 2 and 3 on shorts test, use the following selector settings: EV2-7831. All other settings remain the same.

Page 25, Tube Type 6CW5, add under NOTATIONS column: Short on 1, 2, 3, and 5.

Page 30, Tube Type 6L6, change Bias to 40.

Page 35, Tube Type 8BQ5, add under NOTATIONS column: Short on 1, 2, 3, and 5.

Page 41, Tube Type 12CT8, on line 6, change to Tube Type 12DT8.

Additional Electron Tube Test Data follows:

TV-7(U)U E TEST DATA

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
2DF4	2.5	EV8-3109	50	52	A	3	50	
2HA5	2.0	ET1-5076	30	...	B	3	60	
2HM5	2.0	ET1-5076	30	...	B	3	60	
2HQ5	2.5	ET1-5076	30	...	B	3	54	
4D32	6.3	HR6-0240	55	...	B	3	33	CAP=P#
# USE HICKOK ADAPTER CODE NO. 1050-107. "CAUTION" WITH LINE VOLTAGE DOWN, INSERT TUBE SLOWLY, ADJUST LINE TO NORMAL POSITION.								
5AR4	5.0	JSO-6000	0	70	A	7	40	PLATE NO. 1
5AR4	5.0	JSO-4000	0	70	A	7	40	PLATE NO. 2
6AC10	6.3	BT9-2040	30	...	B	3	28	TRIODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704, SET ADAPTER SELECTORS TO 2-0-3.								
6AC10	6.3	BS7-5060	30	...	B	3	28	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
6AC10	6.3	BV4-2030	30	...	B	3	28	TRIODE NO. 3#
# SET ADAPTER SELECTORS TO 0-4-5.								
6AD10	6.3	BU8-3290	37	...	B	3	51	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
6AD10	6.3	BU3-7625	18		B	3	32	PENTODE NO. 2#

## TV-7( )/U TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
#SET ADAPTER SELECTORS TO 0-0-4.								
6AF9	6.3	FW8-1970	29	...	B	3	58	PENTODE NO. 1#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 1-0-0.								
6AF9	6.3	FW1-4320	28	...	B	3	44	PENTODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-0.								
6AF11	6.3	BV4-2390	20	...	C	3	63	PENTODE SECT.#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 3-4-5.								
6AF11	6.3	BS6-8050	27	...	B	3	55	TRIODE NO. 1#
#SET ADAPTER SELECTORS TO 0-0-2.								
6AF11	6.3	BS3-4070	20	...	B	3	55	TRIODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-2.								
6AG11	6.3	BS8-7090	30	...	B	3	42	TRIODE NO. 1#
#USE HICKOK ADAPTER MODEL 1704. SET-SELECTORS TO 0-0-2.								
6AG11	6.3	BS5-6040	30	...	B	3	42	TRIODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-2.								
6AG11	6.3	BU0-2030	0	60	A	2	35	DIODE NO. 1#
#SET ADAPTER SELECTORS TO 2-3-4.								
6AG11	6.3	BU0-3020	0	60	A	2	35	DIODE NO. 2#

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
# SET ADAPTER SELECTORS TO 0-0-4.								
6AL11	6.3	BU8-3290	35	---	B	3	62	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
6AL11	6.3	BV3-6724	8	---	B	3	18	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-5.								
*6AR11	6.3	BS4-8937	12	---	C	3	51	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 4-3-2.								
6AR11	6.3	BX5-2364	12	---	C	3	51	PENTODE NO. 2#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-7.								
6AU4	6.3	HYO-5030	0	66	A	7	40	
6AV11	6.3	BT9-2040	24	---	B	3	56	TRIODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-0-3.								
6AV11	6.3	BS7-5060	24	---	B	3	56	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
6AV11	6.3	BV4-2030	24	---	B	3	56	TRIODE NO. 3#
# SET ADAPTER SELECTORS TO 0-4-5.								
6AX3	6.3	BS0-4070	0	54	A	7	40	#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-2.								

## TV-7( )/U TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
6AY3	6.3	EVO-2090	0	38	A	7	50	#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
6AY11	6.3	BSS-7090	20	---	B	3	26	TRIODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-2.								
6AY11	6.3	BSS-6040	20	---	B	3	26	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
6AY11	6.3	BU0-2030	0	60	A	2	35	DIODE NO. 1#
# SET ADAPTER SELECTORS TO 2-3-4.								
6AY11	6.3	BU0-3020	0	60	A	2	35	DIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-4.								
*6B10	6.3	BV3-4020	29	---	C	3	28	TRIODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-5.								
6B10	6.3	BSS-6070	29	---	C	3	28	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
6B10	6.3	BSO-8090	0	53	A	2	40	DIODE NO. 1#
# SET ADAPTER SELECTORS TO 0-0-2.								
6B10	6.3	BSO-8090	0	53	A	2	40	DIODE NO. 2#
# SET ADAPTER SELECTORS TO 8-0-2.								

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
6BA11	6.3	BS4-6387	10	---	B	3	19	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-2.								
6BA11	6.3	BW4-2385	10	---	B	3	19	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-6.								
6BA11	6.3	BU9-3020	33	---	B	3	45	TRIODE SECT.#
# SET ADAPTER SELECTORS TO 2-3-4.								
*6BD11	6.3	BT5-2490	27	---	C	3	38	PENTODE SECT. #
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 4-5-3.								
6BD11	6.3	BS6-8050	29	---	B	3	38	TRIODE NO. 1#
# SET ADAPTER SELECTORS TO 0-0-2.								
6BD11	6.3	BS3-4070	24	---	B	3	54	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
*6BF11	6.3	BS8-3490	31	---	D	3	33	PENTODE NO. 1 #
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 4-3-2.								
6BF11	6.3	BY3-7625	26	---	B	3	10	PENTODE NO. 2 #
# SET ADAPTER SELECTORS TO 0-0-8.								
6BH11	6.3	BU8-2930	19	---	C	3	38	PENTODE SECT.#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								

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## TV-7( )/U TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
6BH11	6.3	BS6-7050	13	---	D	3	42	TRIODE NO. 1#
# SET ADAPTER SELECTORS TO 0-0-2.								
6BH11	6.3	BV4-3020	13	---	D	3	42	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-5.								
6BK4	6.3	HS0-5010	0	70	A	2	17	
6BS3	6.3	EV0-2090	0	60	A	7	42	#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
6BW11	6.3	BU3-8927	10	---	D	3	30	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
6BW11	6.3	BX3-5426	26	---	B	3	52	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-7.								
6C10	6.3	BT9-2040	12	---	B	3	32	TRIODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-0-3.								
6C10	6.3	BS7-5060	12	---	B	3	32	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
6C10	6.3	BV4-2030	12	---	B	3	32	TRIODE NO. 3#
# SET ADAPTER SELECTORS TO 0-4-5.								
6CJ3	6.3	EV0-2090	0	70	A	7	40	#

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
6D10	6.3	BT9-2040	29	...	B	3	34	TRIODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-0-3.								
6D10	6.3	BS7-5060	29	...	B	3	34	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
6D10	6.3	BV4-2030	29	...	B	3	34	TRIODE NO. 3#
# SET ADAPTER SELECTORS TO 0-4-5.								
6DQ6B	6.3	HS5-0480	36	...	D	3	30	CAP CONNECTS TO PLATE
6DW4	6.3	EV0-2090	0	66	A	7	40	#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
6EH4	6.3	BS0-6050	0	70	A	2	17	CAP=G#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-2.								
6GE5	6.3	BV4-7230	36	...	D	3	30	#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 3-4-5.								
6CJ7	6.3	EV2-6710	25	...	B	3	60	PENTODE SECT.
6CJ7	6.3	EV9-8030	40	...	B	3	44	TRIODE SECT.
6GV5	6.3	BU9-0320	36	...	D	3	30	CAP=PLATE#

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## TV-7( )/U TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
6HA5	6.3	ET1-5076	30	---	B	3	60	
6HM5	6.3	ET1-5076	30	---	B	3	60	
6HQ5	6.3	ET1-5076	30	---	B	3	54	
6J11	6.3	BU3-9782	26	---	B	3	52	PENTODE NO. 1#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
6J11	6.3	BX5-3264	26	---	B	3	52	PENTODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-7.								
6J6	6.3	EV2-0138	34	---	D	#	38	CAP=PLATE#
#HOLD DOWN PUSH BUTTON 2-DIODE AND PRESS BUTTON 3-MUT. COND.								
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
6JE6	6.3	EV2-0758	53	---	D	3	34	CAP=PLATE
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
6JF6	6.3	EV2-0138	55	---	D	3	45	CAP=PLATE#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
6JM6	6.3	BW5-0324	48	---	D	3	32	CAP=PLATE#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 4-0-6.								
6JN6	6.3	BW5-7534	48	---	D	3	32	#

Tube Type	Fill	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-5-6.								
6JS6	6.3	BW5-0324	82	---	C	3	52	CAP=PLATE#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-6.								
6JU8	6.3	EV0-8090	0	70	A	2	40	DIODE NO. 1
6JU8	6.3	EV0-7080	0	70	A	2	40	DIODE NO. 2
6JU8	6.3	EV0-2030	0	70	A	2	40	DIODE NO. 3
6JU8	6.3	EV0-1020	0	70	A	2	40	DIODE NO. 4
6K11	6.3	BT9-2048	24	---	B	3	56	TRIODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-0-3.								
6K11	6.3	BS7-5068	12	---	B	3	32	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
6K11	6.3	BV4-2038	12	---	B	3	32	TRIODE NO. 3#
# SET ADAPTER SELECTORS TO 0-4-5.								
6KT6	6.3	EV2-7819	22	---	C	3	52	
6KT8	6.3	EV7-9860	15	---	C	3	57	PENTODE SECT.
6KT8	6.3	EV2-3010	26	---	B	3	38	TRIODE SECT.
6LC6	6.3	HS0-5061	0	70	A	2	17	CAP=GRID.
6LF6	6.3	BW5-0324	70	---	D	3	38	CAP=PLATE#

## TV-7 ( )/U TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-6.								
6L08	6.3	EV7-9860	32	---	B	3	40	PENTODE SECT.
6L08	6.3	EV2-3010	33	---	B	3	35	TRIODE SECT.
6Q11	6.3	BF9-2048	24	---	B	3	56	TRIODE NO. 1#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-0-3.								
6Q11	6.3	BS7-5068	12	---	B	3	32	TRIODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-2.								
6Q11	6.3	BV4-2038	12	---	B	3	32	TRIODE NO. 3#
#SET ADAPTER SELECTORS TO 0-4-5.								
6T10	6.3	BU8-3290	35	---	B	3	62	PENTODE NO. 1#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
6T10	6.3	BU3-7625	8	---	B	3	18	PENTODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-4.								
7GV7	7.5	EV7-3280	29	---	B	3	33	PENTODE SECT.
7GV7	7.5	EV9-1080	38	---	C	3	47	TRIODE SECT.
7HG8	7.5	EV2-8930	25	---	---	3	55	PENTODE SECT.
7HG8	7.5	EV6-7030	44	---	---	3	30	TRIODE SECT.
8A8	10.0	EV2-6371	19	---	C	3	34	PENTODE SECT.

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
8A8	10.0	EV9-1086	34	---	C	3	36	TRIODE SECT.
8AR11	7.5	BS4-8937	12	---	C	3	51	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTERS TO 4-3-2.								
8AR11	7.5	BX5-2304	12	---	C	3	51	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-7.								
8BA11	7.5	BS4-6387	10	---	B	3	19	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-2.								
8BA11	7.5	BW4-2385	10	---	B	3	19	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-6.								
8BA11	7.5	BU9-3020	33	---	B	3	45	TRIODE SECT.#
# SET ADAPTER SELECTORS TO 2-3-4.								
8BM11	7.5	BU3-7928	20	---	C	3	40	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
8BM11	7.5	BX6-2354	25	---	C	3	31	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-7.								
9A8	10.0	EV2-6371	19	---	C	3	34	PENTODE SECT.
9A8	10.0	EV9-1086	34	---	C	3	36	TRIODE SECT.
9KZ8	10.0	EV2-6730	19	---	C	3	38	PENTODE SECT.

## TV-7(U) TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
9KZ8	10.0	EV9-1080	13	...	D	3	42	TRIODE SECT.
10JAS	10.0	EV7-9860	27	...	C	3	32	TETRODE SECT.
10JAS	10.0	EV2-3010	27	...	B	3	39	TRIODE SECT.
10JY8	10.0	EV7-9860	20	...	C	3	63	PENTODE SECT.
10JY8	10.0	EV2-3010	33	...	B	3	35	TRIODE SECT.
11AR11	10.0	BS4-8937	12	...	C	3	51	PENTRODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 4-3-2.								
11AR11	10.0	BX5-2364	12	...	C	3	51	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-7.								
11BQ11	10.0	BU2-8937	12	...	C	3	51	PENTODE NO. 1#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
11BQ11	10.0	BX5-2364	26	...	B	3	52	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-7.								
11BT11	10.0	BV4-2386	32	...	B	3	45	PENTODE SECT.#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 3-4-5.								
11BT11	10.0	BS5-7060	23	...	C	3	29	TRIODE NO. 1#
# SET ADAPTER SELECTORS TO 0-0-2.								

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
11BT11	10.0	BS3-9040	20	...	C	3	43	TRIODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-2.								
11CA11	10	BU8-3297	30	...	C	3	37	PENTODE SECT.#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
11CA11	10	BS6-4050	25	...	C	3	45	TRIODE NO. 1#
#SET ADAPTER SELECTORS TO 0-0-2.								
11CA11	10	BU3-2070	23	...	C	3	29	TRIODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-4.								
11FY7	10.0	BU2-3090	22	...	B	3	20	TRIODE NO. 1#
#USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
11FY7	10.0	BS3-5070	54	...	D	3	38	TRIODE NO. 2#
#SET ADAPTER SELECTORS TO 0-0-2.								
11HM7	10.0	EV2-7819	13	...	D	3	61	
11LQ8	10.0	EV7-9860	32	...	B	3	40	PENTODE SECT.
11LQ8	10.0	EV2-3010	33	...	B	3	35	TRIODE SECT.
11LT8	10.0	EV9-3216	10	...	D	3	38	PENTODE SECT.
11LT8	10.0	EVO-8070	0	70	A	2	40	DIODE NO. 1

## TV-7( )/U TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
11LT8	10.0	EV0-6070	0	70	A	2	40	DIODE NO. 2
12AX3	12.6	BS0-4070	0	54	A	7	40	#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-2.								
12BF11	12.6	BS8-3490	31	---	D	3	33	PENTODE NO. 1 #
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 4-3-2.								
12BF11	12.6	BY3-7625	26	---	B	3	10	PENTODE NO. 2 #
# SET ADAPTER SELECTORS TO 0-0-8.								
12BS3	12.6	EV-0209-0	0	60	A	7	42	#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
12BY7A	12.6	EV2-7813	9	---	D	3	46	
12T10	12.6	BU8-3290	35	---	B	3	62	PENTODE NO. 1 #
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
12T10	12.6	BU3-7625	8	---	B	3	18	PENTODE NO. 2 #
# SET ADAPTER SELECTORS TO 0-0-4.								
14BL11	12.6	BV4-2380	32	---	B	3	45	PENTODE SECT. #
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 3-4-5.								
14BL11	12.6	BS5-7060	23	---	C	3	29	TRIODE NO. 1 #
# SET ADAPTER SELECTORS TO 0-0-2.								

TV-7( )/U TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
14BL11	12.6	BS3-9040	20	...	C	3	43	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
14BR11	12.6	BW2-5340	27	...	C	3	38	PENTODE SECT.#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-5-6.								
14BR11	12.6	BS8-6050	29	...	B	3	38	TRIODE NO. 1#
# SET ADAPTER SELECTORS TO 0-0-2.								
14BR11	12.6	BT2-9070	24	...	B	3	54	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 2-0-3.								
15AF11	12.6	BV4-2390	20	...	C	3	63	PENTODE SECT. MAKE LINE TEST AT 64
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 3-4-5.								
15AF11	12.6	BS6-8050	27	...	B	3	55	TRIODE NO. 1#
# SET ADAPTER SELECTORS TO 0-0-2.								
15AF11	12.6	BS3-4070	20	...	B	3	55	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
15BD11	12.6	BV4-2390	27	...	C	3	38	PENTODE SECT.# MAKE LINE TEST AT 64
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 3-4-5.								
15BD11	12.6	BS6-8050	29	...	B	3	38	TRIODE NO. 1#



## TV-7( )/U TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
# SET ADAPTER SELECTORS TO 0-0-2.								
15BD11	12.6	BS3-4070	24	---	B	3	54	TRIODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-2.								
17AX3	20.0	BS0-4070	0	54	A	7	40	#MAKE LINE TEST AT 56
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-2.								
17BE3	20.0	BT0-2070	0	66	A	7	40	#MAKE LINE TEST AT 56
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-0-3.								
17BF11	20.0	BU8-3290	31	---	D	3	33	PENTODE NO. 1# MAKE LINE TEST AT 56
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
17BF11	20.0	BU3-7625	26	----	B	3	10	PENTODE NO. 2#
# SET ADAPTER SELECTORS TO 0-0-4.								
17BS3	20.0	EV0-2090	0	60	A	7	42	#MAKE LINE TEST AT 56
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 0-0-0.								
17GV5	20.0	BU9-3020	36	---	D	3	30	CAP=P# MAKE LINE TEST AT 56
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 2-3-4.								
806	3.0	ERO-0000	0	67	A	7	40	CAP CONNECTS TO PLATE

TV-7(U) TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
6293	6.3	HS5-0310	25	...	D	3	36	
6384	6.3	GY7-3510	34	...	D	3	27	
6540	6.3	DU7-1265	10	...	D	3	22	
6850	12.6	FT6-0140	22	...	C	3	56	CAP ABOVE OCTAL PINS 2 & 3 CONNECTS TO PLATE
<p># USE HICKOK ADAPTER CODE NO. 1050-107. CONNECT NEGATIVE (-) END OF A 30 VOLT BATTERY TO PIN NO. 2 OF THE LOCTAL SOCKET.</p>								
6850	12.6	FT2-0140	22	...	C	3	56	CAP ABOVE OCTAL PINS 6 & 7 CONNECTS TO PLATE
<p># CONNECT NEGATIVE (-) END OF A 30 VOLT BATTERY TO PIN NO. 6 OF THE LOCTAL SOCKET. CONNECT POSITIVE (+) END OF THE 30 VOLT BATTERY (EVEREADY 413) TO PIN 4 OF THE LOCTAL SOCKET FOR EACH TEST.</p>								
<p><b>CAUTION: - DISCONNECT BATTERY BETWEEN SELECTOR CHANGES.</b></p>								
6872	6.3	DU7-1265	27	...	B	3	45	
6883	12.6	HS5-0318	30	...	D	3	35	CAP CONNECTS TO PLATE
7289	6.3	HS6-5080	18	...	E	3	50	TV-7(U, -7A/U, -7B/U ONLY USE ADAPTER E107
7289	6.0	HS6-5080	78	...	F	3	50	TV-7D/U ONLY USE ADAPTER E107
7289	6.3	MS6-5080	78	0	F	3	50	USE ADAPTER E107
7308	6.3	EV7-6080	21	...	D	3	50	TRIODE NO. 1

## TV-7(U) TUBE TEST DATA (Cont'd)

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
7308	6.3	EV2-1030	21	...	D	3	50	TRIODE NO. 2
7587	6.3		10	...	D	#	38	CAP CONNECTS TO PLATE USE HICKOK ADAPTER CODE NO. 1050-127
# HOLD DOWN PUSH BUTTON 2-DIODE AND PRESS PUSH BUTTON 3-MUT. COND.								
7788 E810F	6.3	EV2-7938	29	...	C	3	50	
**7854	12.6	HR6-0340	35	...	C	3	60	PLATE NO. 1#
<p># USE HICKOK ADAPTER CODE NO. 1050-107. CONNECT THE NEGATIVE END OF A 30 VOLT BATTERY TO PIN 2 OF THE LARGE 7-PIN SOCKET. CONNECT THE POSITIVE END OF THE BATTERY TO PIN 4 OF THE LARGE 7-PIN SOCKET. CONNECT THE PLATE JACK CONNECTOR TO THE CAP PIN OVER PIN 6 OF THE OCTAL SOCKET.</p>								
**7854	12.6	HR2-0340	35	...	C	3	60	PLATE NO. 2#
<p># CONNECT THE NEGATIVE END OF A 30 VOLT BATTERY TO PIN 6 OF THE LARGE 7-PIN SOCKET. CONNECT THE POSITIVE END OF THE BATTERY TO PIN 4 OF THE LARGE 7-PIN SOCKET. CONNECT THE PLATE JACK CONNECTOR TO THE CAP PIN OVER PIN 3 OF THE OCTAL SOCKET.</p>								
<u>CAUTION: DISCONNECT THE BATTERY (EVEREADY NO. 413) BEFORE CHANGING SELECTOR SETTINGS.</u>								
7868	6.3	EV2-9730	10	...	D	3	42	USE HICKOK ADAPTER CODE NO. 1050-144
7889	25.0	DW7-8050	13	...	D	3	13	TRIODE NO. 1
7889	25.0	DW2-1004	13	...	D	3	13	TRIODE NO. 2
7895	6.3	DR4-2080	17	...	D	3	32	USE HICKOK ADAPTER CODE NO. 1050-127

Tube Type	Fil	Selectors	Bias	Shunt	Range	Press	Min Value	Notations
7905	6.3	BZ26307	50	47	A	3	50	
7984	12.6	BS-3567-8	45	...	D	3	27	#
# USE HICKOK ADAPTER MODEL 1704. SET ADAPTER SELECTORS TO 5-0-4.								
8032	12.6	HS5-0318	30	...	D	3	35	CAP CONNECTS TO PLATE
8077	12.6	EV2-7813	9	...	D	3	46	
8532	6.3	ET1-7020	15	...	D	3	45	
<p>* IF REQUIREMENTS EXIST TO TEST TUBES, ADAPTER MODEL 1704 MAY BE ACQUIRED BY LOCAL PURCHASE FROM HICKOK ELECTRICAL INSTRUMENT CO.</p> <p>** THE MILITARY VERSION OF EVEREADY BATTERY NO. 413 MAY BE USED TO SATISFY REQUIREMENT.</p>								

THE FOLLOWING TUBES CANNOT BE TESTED FOR REASONS STATED:

- 5783WA - VOLTAGE REFERENCE-TUBE. MODEL TV-7/U NOT SUITABLE FOR TESTING.
- 5960 - REQUIRED VOLTAGE AND CURRENT NOT AVAILABLE IN MODEL TV-7/U.
- 6528 - TOO HIGH POWERED TO TEST.
- 6798 - TR TUBE. MODEL TV-7/U NOT SUITABLE FOR TESTING THIS TYPE.
- 7077 - CERAMIC METAL PLANAR TRIODE. REQUIRES ADAPTR. NONE AVAILABLE.
- 7289 - DELETED.
- 7815 - TUBE RATED FOR PULSE OPERATIONS. MODEL TV-7/U NOT SUITABLE. ALSO REQUIRES ADAPTER AND NONE IS AVAILABLE.