

**TB 11-5083-1**

**TO 16-35TV7-5**

**DEPARTMENT OF THE ARMY TECHNICAL BULLETIN  
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER**

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**TEST DATA FOR  
ELECTRON TUBE TEST  
SET  
TV-7/U**

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**DEPARTMENTS OF THE ARMY AND THE  
AIR FORCE SEPTEMBER 1953**



DEPARTMENT OF THE ARMY TECHNICAL BULLETIN  
 DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

TEST DATA FOR ELECTRON TUBE TEST  
 SET TV-7/U

Departments of the Army and the Air Force, Washington 25, D. C.  
 14 September 1956

TB 11-5083-1/TO 33AA21-5-11, 29 September 1953, is changed as follows:

**1. Operation.**

*j.* Rotate the FUNCTION \* \* \* for each section.

**Caution.** (Added) Do not tap the tubes listed below when testing for a short. Tapping may damage the tube.

1A5GT (VT-124)	1LA6	1S4/VT-210	3A6GT/VT-149
1A7GT (VT-147)	1LB4	1S5/VT-172	3B7/1291-VT-182
1C5GT (VT-125)	1LD5	1T4/VT-173	3D6/1299-VT-185
1G4GT	1LE3 (VT-239)	1T5GT	3LF4 (VT-180)
1G6GT	1LH4/VT-177	1U4	3Q4 (VT-264)
1H5GT (VT-223)	1LN5/VT-179	1U5	3Q5GT (VT-221)
1L4	1P5GT	3A4	3S4/VT-174
1LA4	1Q5GT	3A5	3V4

*l.* Press the proper \* \* \* types of tubes.

**Caution.** (As added by C 3, 20 Jan 56) Release the push button as soon as the pointer of the meter comes to rest. If the push button is depressed for too long a period of time, the tube under test may become damaged.

*o.* For testing methods \* \* \* Test Set TV-7/U.

**Note.** (Added) The TV-7/U meter indication for tube types, such as the pentagrid converters, mixers, thyratrons, and voltage regulators listed below, is not a true and conclusive measurement of the tube condition and value. For a complete test of the following types of tubes, substitute known good tubes of the same type and evaluate results in terms of equipment performance.

OA2	1C21	6A8	6Q5	12SA7	1612
OA3	1B7	6AB5/6N5	6SA7	12SY7	1629
OA4	1LA6	6AC5	6SB7	14B8	1635
OB2	1LC6	6AD6	6T5	14J7 Heptode only	2050W
OB3	1R5	6AF6	6U5	14Q7	2051
OC3	2A4	6BA7	7A8	14S7 Heptode only	5643
OD3	2A7	6BE6	7B8		5651
OY4	2B4	6D4	7J7 Heptode only	25AC5	5663

\*These changes supersede C 1, 11 May 1954; C 2, 2 August 1955; C 3, 20 January 1956; and C 4, 16 February 1956.

HK24	2C4	6D8					26D6	5696
1A6	2C53	6E5	7Q7				313C	5722
1A7	2D21	6H5	787	Heptode only			837	5750
1B7	2E24	6J8	12A8	Heptode only			874	5763
1C6	2E26		12BA7				884	5783
1C7	3C24	6K8	12BE6	Hexode only			885	5787
1C8	6A7	6L7	12K8	Heptode only			1258	5915

2. Data Table. Where a crosshatch \* \* \* TV-7/U (fig. 8).

<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
1U5.....	1.5	BX6-2300	34	----	B	3	13	Pentode sect.
1U5.....	1.5	BX6-4300	0	----	A	2	34	Diode sect.
		*			*			*
3E6.....	3.0	JR6-2340	15	----	B	3	40	
3E29.....	6.3	HS4-5613	0	----	D	3	20	Plate No. 1.
								Use adapter E105
3E29.....	6.3	HS4-8613	0	----	D	3	20	Plate No. 2.
								Use adapter E105
		*			*			*
6AD4*.....	6.3	DV2-1050	28	----	B	3	18	C basing.
6AD4*.....	6.3	DW1-8050	28	----	B	3	18	F basing.
		*			*			*
6F5.....	6.3	HS0-4081	12	----	B	3	50	Cap connects to grid.
		*			*			*
6J4.....	6.3	ET1-7020	15	----	D	3	45	Gas test not reliable. Do not perform.
		*			*			*
6SQ7.....	6.3	HY0-5036	0	14	A	2	20	Diode No. 1.
6SQ7.....	6.3	HY0-4036	0	14	A	2	20	Diode No. 2.
		*			*			*
6SR7.....	6.3	HY0-5036	0	14	A	2	20	Diode No. 1.
6SR7.....	6.3	HY0-4036	0	14	A	2	20	Diode No. 2.
		*			*			*
12SQ7.....	12.6	HY0-5036	0	14	A	2	20	Diode No. 1.
12SQ7.....	12.6	HY0-4036	0	14	A	2	20	Diode No. 2.
		*			*			*
12SR7.....	12.6	HY0-5036	0	14	A	2	20	Diode No. 1.
12SR7.....	12.6	HY0-4036	0	14	A	2	20	Diode No. 2.
		*			*			*
26D6.....	25.0	ET1-6027	17	----	D	3	36	
26E6WG.....	25.0	HS5-3480	45	----	D	3	28	
		*			*			*
717A.....	6.3	HS4-8630	16	----	D	3	18	
		*			*			*
954.....	6.3	GR8-0374	30	----	B	3	18	Cap connects to plate.
		*			*			*
956.....	6.3	GR8.0374	30	----	B	3	31	Cap connects to plate.
		*			*			*
958.....	1.5	GR4-3000	41	----	B	3	30	
958A.....	1.1	GR4-3000	45	----	B	3	16	
		*			*			*
1247*.....	0.6	EVO-0000	0	0	A	2	40	F * * * plate.
1258.....	6.3	ET-6120	100	85	A	4	40	
		*			*			*

Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
5719*	6.3	OW1-8057	23	----	B	3	20	F basing.
5722	5.0	DU0-1000	----	20	A	2	68	
5783(Delete)	----	APO/3050	----	*	*	*	*	*
5840*	6.3	DW1-5740	22	----	C	3	31	F basing.
5842	6.3	DZ4-1060	20	----	E	3	15	This is only a partial indication of tube quality. Circuit usage is a complete test.
5844	6.3	ET6-1070	26	----	C	3	38	Triode No. 2.
5847	6.3	DZ1-6844	15	----	D	3	30	
5916*	25.0	DW1-5724	22	----	B	3	33	F basing.
5932	6.3	HS5-3481	23	----	D	3	25	
5933	6.3	FR3-0240	33	----	C	3	48	Cap connects to plate.
5998	6.3	HY1-2035	63	----	D	3	40	Triode No. 2.
6000	25.0	HS1-5830	16	----	D	3	40	
6012	6.3	HS3-5018	#	90	A	4	32	
#Should Strike Between Settings 40 and 30 of the Bias Dial.								
6021	6.3	GT7-8050	20	----	D	3	26	Triode No. 1. F basing.
6021	6.3	GT2-1040	20	----	D	3	26	Triode No. 2. F basing.
6072	12.6	EV2-1030	15	----	B	3	32	Triode No. 2.
6080	6.3	JY4-5062	100	----	C	3	36	Triode No. 1.
6080	6.3	HY1-2035	100	----	C	3	36	Triode No. 2.
6201	12.6	EV7-6080	10	----	C	3	50	Triode No. 2.
6216	6.3	EV2-1730	40	----	D	3	35	
6245	6.3	ET7-1625	18	----	D	3	17	

BY ORDER OF THE SECRETARIES OF THE ARMY AND THE AIR FORCE:

## OFFICIAL:

JOHN A. KLEIN,  
Major General, United States Army,  
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MDW (1)  
Armies (5)  
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Armd Bn (2)	5-525R (2)	8-500R (AA-AH) (2)
AAA Bn (2)	5 526R (2)	9-65R (2)
Armd Co (2)	6-100C (2)	9-66R (2)
AAA Btry (2)	6-101C (2)	11-7C (2)
Army Cml Cen (5)	6-115R (2)	11-15C (2)
Ft & Cp (2)	6-116R (2)	11-16C (2)
USMA (5)	6-125C (2)	11-17C (2)
US Army Tng Cen (2)	6-126C (2)	11-18C (2)
Sig Sch (10)	6-135C (2)	11-26C (2)
Gen Depots (2) except	6-136C (2)	11-57C (2)
Atlanta Gen Depot	6-200C (2)	11-95R (2)
(none)	6-201C (2)	11-96R (2)
Sig Sec Gen Depots (10)	6-225C (2)	11-97R (2)
Sig Depots (10) except	6-226C (2)	11-98R (2)
Sacramento Sig Depot	6-235C (2)	11-117R (2)
(20)	6-236C (2)	11-127R (2)
AH (2)	6-300C (2)	11-128C (2)
BAMC (2)	6-301C (2)	11-500R (2)
WRAMC (2)	6-315C (2)	11-557C (2)
POE (OS) (2)	6-316C (2)	11-587R (2)
Trans Terminal Comd (2)	6-325C (2)	11-592R (2)
Army Terminals (2)	6-326C (2)	11-597R (2)
OS Sup Agencies (2)	6-401C (2)	12-17R (2)
PG (2) except Aberdeen	6-415R (2)	19-27C (2)
PG (5)	6-416R (2)	19-35R (2)
Arsenals (2)	6-435R (2)	19-37C (2)
Plants & Works (2)	6-501C (2)	19-55R (2)
Sig Fld Maint Shops (3)	6-515R (2)	19-56R (2)
Lab (1) except Sig Lab	6-525C (2)	19-57R (2)
(15)	6-535R (2)	19-217R (2)
ACS (3)	6-536R (2)	19-500R (AA-AE) (2)
AFIP (2)	6-537R (2)	20-46R (2)
Mil Dist (1)	6-545C (2)	20-300R (2)
Units organized under fol	6-558C (2)	20-511R (2)
lowing TOE's:	6-575C (2)	20-512R (2)
1-207C (2)	6-576C (2)	32-51R (2)
3-266R (2)	6-577C (2)	32-55R (2)
5-15C (2)	6-615R (2)	32-56R (2)
5-16C (2)	6-616R (2)	32-57R (2)
5-17C (2)	6-626C (2)	32-500R (2)
5-35R (2)	7-2R (2)	33-2C (2)
5-36R (2)	7-11C (2)	33-56R (2)
5-37R (2)	7-12C (2)	33-58R (2)
5-192C (2)	7-15C (2)	33-67R (2)
5-215R (2)	7-16C (2)	33-77R (2)
5-216R (2)	7-25R (2)	55-16R (2)
5-217R (2)	7-26R (2)	55-56R (2)
5-225C (2)	7-27R (2)	55-57C (2)
5-226C (2)	7-31C (2)	55-68R (2)
5-227C (2)	7-32C (2)	55-116R (2)
5-278R (2)	7-35C (2)	55-500R (AA-AE) (2)
5-346R (2)	7-36C (2)	55-515R (2)
5-348R (2)	7-95R (2)	55-516R (2)
5-415R (2)	7-96R (2)	57-57C (2)
5-416R (2)	8-75C (2)	
5-500R (AA-AD) (2)	8-76C (2)	

NG: State AG (6); units—same as Active Army except allowance is one copy to each unit.

USAR: None.

For explanation of abbreviations used, see SR 320-50-1.

TB 11-5083-1  
TO 33AA21-5-1  
Changes No. 6

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN  
DEPARTMENT OF THE AIR FORCE TECHNICAL ORDER

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TEST DATA FOR ELECTRON TUBE TEST SET  
TV-7/U

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Departments of the Army and the Air Force  
2 January 1957

Washington 25, D. C.

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TB 11-5083-1/TO 33AA21-5-1, 29 September 1953, is changed as follows:

2. Data Table. Where a crosshatch \* \* \* TV-7/U (fig. 8).

<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
6245	6.3	ET7-1625	18	-----	D	3	17	*
6247	6.3	DW-18050	12	-----	D	3	16	*

BY ORDER OF THE SECRETARIES OF THE ARMY AND THE AIR FORCE:

MAXWELL D. TAYLOR,  
*General, United States Army,  
Chief of Staff.*

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HERBERT M. JONES,  
*Major General, United States Army,  
The Adjutant General.*

N. F. TWINING,  
*Chief of Staff, United States Air Force.*

OFFICIAL:  
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*Colonel, United States Air Force,  
Air Adjutant General.*

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Tec Svc, DA (1) except	Army Terminals (2)	11-18C (2)
CSIGO (30)	OS Sup Agencies (2)	11-26C (2)
Tec Svc Bd (1)	PG (2) except Aberdeen	11-57C (2)
Hq CONARC (5)	PG (5)	11-95R (2)
CONARC Bd (3) (ea test	Arsenal (2)	11-96R (2)
sec) (1)	Plants & Works (2)	11-97R (2)
Army AA Comd (2)	Sig Fld Maint Shops (3)	11-98R (2)
OS Maj Comd (5)	ACS (3)	11-117R (2)
OS Base Comd (5)	Lab (1) except Sig Lab	11-127R (2)
Log Comd (2)	(15)	11-128C (2)
MDW (1)	Mil Dist (1)	11-500R (2)
Armies (5)	Units org under fol TOE:	11-557C (2)
Corps (2)	1-207C (2)	11-587R (2)
Div (2)	3-266R (2)	11-592R (2)
FA Gp (2)	5-15C (2)	11-597R (2)
Inf Regt (2)	5-16C (2)	19-27C (2)
Armd Gp (2)	5-17C (2)	19-35R (2)
AAA Gp (2)	5-35R (2)	19-37C (2)
FA Bn (2)	5-36R (2)	19-55R (2)
Inf Bn (2)	5-37R (2)	19-56R (2)
Armd Bn (2)	5-192C (2)	19-57R (2)
AAA Bn (2)	5-215R (2)	19-217R (2)
FA Btry (2)	5-216R (2)	19-500R (AA-AE) (2)
Inf Co (2)	5-217R (2)	20-46R (2)
Armd Co (2)	5-225C (2)	20-300R (2)
AAA Btry (2)	5-226C (2)	20-511R (2)
US Army Tng Cen (2)	5-227C (2)	20-512R (2)
Army Cml Cen (5)	5-278R (2)	32-51R (2)
Ft & Cp (2)	5-346R (2)	32-55R (2)
USMA (2)	5-348R (2)	32-56R (2)
Sig Sch (10)	5-415R (2)	32-57R (2)
Gen Depots (2) except	5-416R (2)	32-500R (2)
Atlanta Gen Depot	5-500R (AA-AD) (2)	55-16R (2)
(none)	5-525R (2)	55-56R (2)
Sig Sec, Gen Depots (10)	5-526R (2)	55-57C (2)
Sig Depots (10) except	8-75C (2)	55-68R (2)
Sacramento Sig Depot	8-76C (2)	55-116R (2)
(20)	8-500R (AA-AH) (2)	55-500R (AA-AE) (2)
AH (2)	9-65R (2)	55-515R (2)
AFIP (2)	9-66R (2)	55-516R (2)
WRAMC (5)	11-7C (2)	57-57C (2)
BAMC (2)	11-15C (2)	

NG: State AG (6); units—same as Active Army except allowance is one copy per unit.

USAR: None.

For explanation of abbreviations used, see SR 320-50-1.



TECHNICAL BULLETIN }  
 No. 11-5083-1 }  
 TECHNICAL ORDER }  
 No. 16-35TV7-5 }

DEPARTMENTS OF THE ARMY AND  
 THE AIR FORCE  
 WASHINGTON 25, D. C., 29 September 1953

## TEST DATA FOR ELECTRON TUBE TEST SET TV-7/U

### I. Operation

The following instructions on operating Electron-Tube Test Set are keyed to the table of test data given in paragraph 2 below. For complete information on the various columns of the table see paragraph 20 of the technical publication covering the TV-7/U. See also paragraph 21 and 22.

- a. Locate the type number of the tube to be tested under the column heading *Tube type*.
- b. Set the FILAMENT VOLTAGE switch at the voltage shown under the heading *Fil*.
- c. Set the selector switches as indicated under the column headed *Selectors* in the following order FILAMENT (left), FILAMENT (right), GRID, PLATE, SCREEN, CATHODE, and SUPPRESSOR.
- d. Set the BIAS dial at the value listed in the *Bias* column.
- e. Set the SHUNT dial at the value listed under *Shunt*. If no setting is indicated for this dial, omit this step, and proceed with the next operations.
- f. Set the FUNCTION SWITCH to the No. 1 position.
- g. Insert the tube to be tested in the proper socket.
- h. Turn the POWER switch to the ON position.
- i. Press the 1—LINE ADJ. push button and hold it down. Slowly rotate the LINE ADJUST control knob until the pointer of the meter rests over the LINE TEST mark.
- j. Rotate the FUNCTION SWITCH through SHORTS positions 1, 2, 3, 4, and 5. If the neon lamp glows steadily, a short is indicated and the tube should be discarded, with the exception of tubes which normally show shorts in certain positions as indicated under the *Notations* column. Momentary flashes between switch positions should be disregarded. Multisection tubes must be tested for shorts for each section.
- k. Turn the FUNCTION SWITCH to the proper RANGE position as indicated under the column headed *Range*.
- l. Press the proper push button as indicated in the column headed *Press*. Refer to the *Notations* column for special information pertaining to specific types of tubes.
- m. Read the value indicated by the pointer of the meter. If the numerical value of the meter reading is less than the minimum acceptable value listed under the heading *Min. value*, reject the tube and replace it.
- n. Set all controls properly as indicated by the test data. To test amplifier tubes for gas content, rotate the BIAS dial until the meter indicates one large division or a reading of 10 on the scale. While push button 4—GAS 1 is held down, press push button 5—GAS 2. If the tube under test contains gas, the meter will move upscale. A movement of one small division indicates that the gas content is satisfactory. If the adjustment of the BIAS dial does not bring the pointer of the meter down to the first large division, turn the BIAS dial to 100; to test for gas hold down 4—GAS 1 and press 5—GAS 2. A movement of more than one small division indicates a gassy tube.
- o. For testing methods for special tube types such as tuning eye, thyatron, and voltage regulator tubes, refer to the publication covering Electron-Tube Test Set TV-7/U.

### 2. Data Table

Where a crosshatch sign (#) appears in the test data, read the notations carefully before the tube is tested. Where a star (★) follows the type number, refer to the basing diagrams for subminiature tubes given in the technical publication covering the TV-7/U (fig. 8).

TB 11-5083-1/TO 16-35TV7-5

Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
O0A	5.0	ER3-2000	33	-----	B	3	17	
O1A	5.0	ER3-2000	48	-----	B	3	18	
OA2	BLST	AP0-5020	0	32	A	4	40	Short on 1, 2, 3, 4, and 5.
OA3	-----	HP0-5020	0	60	A	4	40	
OA4G	-----	KR0-5720	100	85	A	4	40	
OB2	-----	AP0-5020	0	40	A	4	40	Short on 1, 2, 3, 4, and 5.
OB3	-----	HP0-5020	0	65	A	4	40	
OC3	-----	HP0-5020	0	60	A	4	40	
OD3	-----	HP0-5020	0	40	A	4	40	
OY4	BLST	HY3-5010	0	53	A	6	40	Short on 1 and 2.
OZ4	-----	HS0-5080	0	70	A	6	40	Plate No. 1.
		Hold Down Push Button 6—OZ4 for 5 Seconds						
OZ4	-----	HS0-3080	0	70	A	6	40	Plate No. 2.
		Hold Down Push Button 6—OZ4 for 5 Seconds						
OZ4A	-----	HS0-5080	0	70	A	6	40	Plate No. 1.
		Hold Down Push Button 6—OZ4 for 5 Seconds						
OZ4A	-----	HS0-3080	0	70	A	6	40	Plate No. 2.
		Hold Down Push Button 6—OZ4 for 5 Seconds						
1A3	1.5	HR0-2030	0	0	A	2	28	
1A4	2.0	ER0-2300	18	-----	B	#	19	Cap connects to grid No. 4.
		#Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1A5	1.5	HS5-3400	43	-----	B	3	20	
1A6	2.0	GR4-5320	75	-----	B	3	11	Cap connects to grid No. 4.
1A7	1.5	HS5-4630	85	-----	B	3	9	Cap connects to grid No. 4.
1AB5	1.1	JR6-2300	0	-----	B	3	36	
1AC5★	1.1	EV2-7800	22	-----	B	#	10	F basing.
		#Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1AD4	1.1	DV4-1200	28	-----	B	3	35	
1AD5★	1.1	EV2-7800	0	-----	B	#	16	F basing.
		#Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1AE4	1.1	BX6-2300	22	-----	B	3	24	
1AF4	1.5	BX6-2300	21	-----	B	3	18	
1AF5	1.5	BX6-5400	0	-----	B	#	15	Pentode sect.
		#Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1AF5	1.5	BX0-3000	0	0	A	2	10	Diode sect.
1AX2	1.5	BS0-0000	0	30	A	4	40	Cap connects to plate.
1B3	1.1	HS0-0000	0	68	A	4	40	Cap connects to plate.
1B4	2.0	ER0-2300	18	-----	B	#	16	Cap connects to grid.
		#Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1B5	2.0	GR5-2000	28	-----	B	3	14	Triode sect.
1B5	2.0	GR5-4000	0	11	A	2	40	Diode No. 1.
1B5	2.0	GR5-3000	0	21	A	2	40	Diode No. 2.
1B7	1.5	HS5-4630	68	-----	B	#	23	Cap connects to grid No. 4.
		#Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						

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Tube type	Flt	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
1C3	1.5	BX4-2000	37	-----	B	3	19	
1C5	1.5	HS5-3400	37	-----	B	3	19	
1C6	2.0	GR4-5320	56	-----	B	#	25	Cap connects to grid No. 4.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1C7	2.0	HS5-4630	56	-----	B	#	25	Cap connects to grid No. 4.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1C8★	1.4	EV8-6702	45	-----	B	3	10	F basing. Short on 3.
1C21		BLST HP7-5020	0	83	A	4	40	
1D5	2.0	HS0-3400	18	-----	B	#	19	Cap connects to grid.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1D7	2.0	HS5-4630	75	-----	B	3	11	Connects to grid No. 4.
1D8	1.5	HS5-3460	50	-----	B	3	23	Pentode sect.
1D8	1.5	HS5-6430	11	-----	B	3	14	Triode sect. cap connects to grid.
1D8	1.5	HS5-8430	0	0	A	2	24	Diode sect.
1E3	1.4	EV1-8000	24	-----	C	3	38	
1E4	1.5	HS5-3000	37	-----	B	3	21	
1E5	2.0	HS0-3400	18	-----	B	#	16	Cap connects to grid.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1E7	2.0	HS5-6834	21	-----	B	3	29	Pentode No. 1.
1E7	2.0	HS4-3865	21	-----	B	3	29	Pentode No. 2.
1F4	2.0	FR3-2400	23	-----	B	3	35	
1F5	2.0	HS5-3400	23	-----	B	3	35	
1F6	2.0	GR0-2300	8	-----	B	#	16	Pentode sect. Cap connects to grid No. 1.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1F6	2.0	GR0-5300	0	0	A	2	19	Diode No. 1.
1F6	2.0	GR0-4300	0	0	A	2	22	Diode No. 2.
1F7	2.0	HS0-3600	8	-----	B	#	16	Pentode sect. Cap connects to grid No. 1.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1F7	2.0	HS0-4630	0	0	A	2	19	Diode No. 1.
1F7	2.0	HS0-5630	0	0	A	2	22	Diode No. 2.
1G4	1.5	HS5-3000	49	-----	B	3	21	
1G5	2.0	HS5-3400	37	-----	B	3	38	
1G6	1.5	HS5-6000	16	-----	B	3	17	Triode No. 1.
1G6	1.5	HS4-3000	16	-----	B	3	17	Triode No. 2.
1H4	2.0	HS5-3000	40	-----	B	3	23	
1H5	1.5	HS0-3000	16	-----	B	3	7	Triode sect. Cap connects to grid.
1H5	1.5	HS0-5000	0	0	A	2	40	Diode sect.
1H6	2.0	HS6-3000	23	-----	B	3	14	Triode sect.
1H6	2.0	HS6-5000	0	11	A	2	40	Diode No. 1.
1H6	2.0	HS6-4000	0	21	A	2	40	Diode No. 2.
1J5	2.0	HS5-3400	45	-----	B	3	24	
1J6	2.0	HS5-6000	15	-----	B	3	25	Triode No. 1.

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<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
1J6	2.0	HS4-3000	15	-----	B	3	25	Triode No. 2.
1L4	1.5	HR6-2300	19	-----	B	3	26	
1L6	1.5	BX4-5362	65	-----	B	3	16	
1LA4	1.5	JR6-2300	43	-----	B	3	20	
1LA6	1.5	JR4-5362	75	-----	B	3	14	
1LB4	1.5	JR6-2300	51	-----	B	3	23	
1LB6	1.5	JR6-2437	Short Test Only					
1LB6	1.5	JR6-4375	20	-----	B	3	19	
1LC5	1.5	JR6-2340	0	-----	B	#	19	
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1LC6	1.5	JR6-2534	Short Test Only					
1LC6	1.5	JR4-3526	30	-----	B	#	14	
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1LD5	1.5	JR6-2300	0	-----	B	#	15	Pentode sect.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1LD5	1.5	JR6-4300	0	0	A	2	25	Diode sect.
1LE3	1.5	JR6-2050	20	-----	B	3	30	
1LF3	1.5	JR6-2050	20	-----	B	3	30	
1LG5	1.5	JR6-2340	25	-----	B	3	26	
1LH4	1.5	JR6-2000	16	-----	B	3	7	Triode sect.
1LH4	1.5	JR6-4000	0	0	A	2	40	Diode sect.
1LN5	1.5	JR6-2340	11	-----	B	3	19	
1N5	1.5	HS0-3400	11	-----	B	3	19	Cap connects to grid.
1N6	1.5	HS5-3400	43	-----	B	3	20	Pentode sect.
1N6	1.5	HS0-6000	0	0	A	2	18	Diode sect.
1P5	1.5	HS0-3400	11	-----	B	3	20	Cap connects to grid.
1Q5	1.5	HS5-3400	37	-----	B	3	53	
1Q6★	1.1	EV2-7800	0	-----	B	#	8	F basing. Pentode sect.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1Q6★	1.1	EV0-6000	0	0	A	2	10	F basing. Diode sect.
1R4	1.5	JR0-4070	0	27	A	2	40	Diode.
1R5	1.5	BX4-3062	68	-----	B	3	13	
1S4	1.5	BX3-2400	31	-----	B	#	38	
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1S5	1.5	BX6-5400	13	-----	B	#	13	Pentode sect.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1S5	1.5	BX0-3400	0	0	A	2	34	Diode sect.
1S6★	1.1	EV3-1806	0	-----	B	#	9	F basing. Pentode sect.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1S6★	1.1	EV0-6000	0	0	A	2	10	F basing. Diode sect.
1SA6	1.5	HS4-8030	0	-----	B	#	20	
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
1SB6	1.5	HS8-3400	0	-----	B	#	16	Pentode sect.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
1SB6	1.5	HS8-5000	0	0	A	2	20	Diode sect.
1T4	1.5	BX6-2300	0	-----	B	#	19	
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
1T5	1.5	HS5-3400	45	-----	B	3	29	
1T6★	1.1	EV3-1860	0	-----	B	#	5	F basing, Pentode sect.
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
1T6★	1.1	EV0-6000	0	0	A	2	10	F basing, Diode sect.
1U4	1.5	BX6-2300	14	-----	B	3	22	
1U5	1.5	BX6-2300	34	-----	B	3	13	Pentode sect.
1U5	1.5	BX6-2300	0	0	A	2	34	Diode sect.
1U6	1.5	BX4-5362	65	-----	B	3	12	
1V	6.3	ERO-2030	0	53	A	7	40	
1V2	0.6	EV0-9000	0	49	A	4	40	
1V5★	1.1	EV2-7800	24	-----	B	#	18	F basing.
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
1W4	1.5	BX6-2300	49	-----	B	3	23	
1W5★	1.1	EV2-7800	33	-----	B	3	12	F basing.
1X2	1.5	BS0-0000	0	68	A	4	40	Cap connects to plate.
1Z2	1.5	BS0-0000	0	53	A	4	40	Cap connects to plate.
2A3	2.5	FR3-2000	67	-----	C	3	38	
2A4	2.5	HS5-3000	#	66	A	7	40	
# Should Strike Between Settings 86 and 76 of the Bias Dial.								
2A5	2.5	GR4-2350	29	-----	B	3	50	
2A6	2.5	GR0-2050	11	-----	B	3	19	Triode sect. Cap connects to grid.
2A6	2.5	GR0-4050	0	14	A	2	40	Diode No. 1.
2A6	2.5	GR0-3050	0	14	A	2	40	Diode No. 2.
2A7	2.5	HR5-3462	41	-----	B	3	29	Cap connects to grid No. 4.
2B4	2.5	FR3-2040	#	90	A	4	40	
# Should Strike Between Settings 82 and 72 of the Bias Dial.								
2B6	2.5	HR4-2360	15	-----	B	3	38	
2B7	2.5	HR0-2360	30	-----	B	3	25	Pentode sect. Cap connects to grid.
2B7	2.5	HR0-5360	0	14	A	2	40	Diode No. 1.
2B7	2.5	HR0-4360	0	14	A	2	40	Diode No. 2.
2B22	6.3	HS0-0080	0	50	A	7	40	Cap connects to plate.
2B23	6.3	HS0-3080	0	0	A	6	20	
2C4	2.5	HR3-5050	#	90	A	4	40	
# Should Strike Between Settings 81 and 71 of the Bias Dial.								
2C21	6.3	HR4-5060	38	-----	B	3	34	Triode No. 1.
2C21	6.3	HR0-3020	38	-----	B	3	34	Triode No. 2. Cap connects to grid.
2C22	6.3	HS0-0080	13	-----	C	3	38	Upper Cap connects to grid. Lower Cap connects to plate.

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
2C26	6.3	HS0-0080	18	-----	B	3	38	Right Cap connects to plate. Left Cap connects to grid.
2C39	6.3	HS6-5080	18	-----	E	3	50	
Use 2C39 Adapter								
2C40	6.3	HS0-0080	17	-----	C	3	35	Cap connects to plate. Ring connects to grid.
2C43	6.3	HS0-0080	17	-----	C	3	56	Cap connects to plate. Ring connects to grid.
2C45	7.5	ER3-2000	37	-----	B	3	55	
2C50	12.6	HY1-2030	41	-----	B	3	45	Triode No. 1.
2C50	12.6	HY4-5060	41	-----	B	3	45	Triode No. 2.
2C51	6.3	KR7-6082	17	-----	D	3	26	Triode No. 1.
2C51	6.3	KR3-4028	17	-----	D	3	26	Triode No. 2.
2C52	12.6	HY4-5062	15	-----	B	3	25	Triode No. 1.
2C52	12.6	HY1-2035	15	-----	B	3	25	Triode No. 2.
2C53	6.3	HS5-0080	0	-----	B	3	10	Cap connects to plate.
2D21	6.3	ET1-6025	#	90	A	4	40	
# Should Strike Between Settings 40 and 30 of the Bias Dial.								
2E5	2.5	GR5-4030	0	100	A	3	-----	Eye open.
2E5	2.5	GR5-4230	0	100	A	3	-----	Eye closed.
2E22	6.3	FR3-0240	0	-----	C	3	50	Cap connects to plate.
2E24	6.3	HS5-0300	35	-----	C	3	40	Cap=P. Short on 3.
2E25	6.3	HS5-0408	0	-----	C	3	38	Cap=P.
2E26	6.3	HS5-0318	37	-----	C	3	44	Cap=P.
2E30	6.3	ET1-5602	20	-----	C	3	38	
2E31	1.1	DV4-1200	0	-----	B	#	10	
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
2E32	1.1	DV4-1200	0	-----	B	#	10	
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
2E35	1.1	DV4-1200	18	-----	B	#	15	
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
2E36	1.1	DV4-1200	18	-----	B	#	15	
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
2E41	1.1	EW5-1200	20	-----	B	#	10	Pentode sect.
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
2E41	1.1	EW0-3000	0	0	A	2	5	Diode sect.
2E42	1.1	EW5-1200	20	-----	B	#	10	Pentode sect.
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
2E42	1.1	EW0-3000	0	0	A	2	5	Diode sect.
2V3	2.5	HS0-0000	0	68	A	4	40	Cap connects to plate.
2W3	2.5	JS0-4000	0	0	A	7	40	
2X2A	2.5	ER0-0000	0	78	A	4	40	Cap connects to plate.
2Z2	2.5	ER0-2000	0	0	A	7	34	
3A4	2.5	BX4-2300	33	-----	B	3	50	
3A5	3.0	BX5-6000	32	-----	B	3	50	Triode No. 1.
3A5	3.0	BX3-2000	22	-----	B	3	50	Triode No. 2.

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Mfm. value	Notations
3A8	2.5	HS0-3400	12	-----	B	3	19	Pentode sect. Cap connects to Grid No. 1. Short on 3.
3A8	2.5	HS5-6400	12	-----	B	3	13	Triode sect. Short on 3.
3A8	2.5	HS0-8400	0	0	A	2	40	Diode sect. Short on 3.
3B4	2.5	EV3-7100	55	-----	B	3	43	
3B5	2.5	HS5-3400	60	-----	B	3	38	
3B7	2.5	JR6-7000	12	-----	B	2	38	Triode No. 1.
3B7	2.5	JR3-2000	25	-----	B	3	38	Triode No. 2.
3B24	2.5	ER0-0000	0	84	A	4	40	Cap connects to plate.
<del>3B24</del>	<del>2.5</del>	<del>ER0-0000</del>	<del>0</del>	<del>84</del>	<del>A</del>	<del>4</del>	<del>40</del>	1st half of Fil.
3B24	2.5	CR0-0000	0	84	A	4	40	Cap connects to plate, 2d half of Fil.
BB25	2.5	ER0-0000	0	90	A	4	40	Cap connects to plate.
<del>3B28</del>	<del>2.5</del>	<del>ER0-0000</del>	<del>0</del>	<del>90</del>	<del>A</del>	<del>4</del>	<del>40</del>	<del>Cap connects to plate.</del>
3B29	3.0	ER0-0000	0	87	A	4	40	Cap connects to plate.
3C4	2.5	BX6-2300	44	-----	B	3	28	
3C6	2.5	BY5-6000	10	-----	B	3	28	Triode No. 1.
3C6	2.5	JR4-3000	10	-----	B	3	28	Triode No. 2.
3C22	6.3	HS0-0050	13	-----	D	3	25	Short on 3.
		Radiating Fins connect to Plate.			Center Ring connects to Grid.			
3C24	6.3	ER0-0000	0	-----	B	3	25	Top Cap connects to plate. Side Cap connects to grid.
3D6	2.5	JR6-2300	37	-----	B	3	52	
3E5	2.5	BX6-2350	29	-----	B	#	30	Short on 3.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
3E6	3.0	JR6-2340	15	-----	B	3	40	
3LE4	2.5	JR6-2300	55	-----	B	3	28	
3LF4	2.5	JR6-2300	30	-----	B	3	48	
3Q4	3.0	HR3-2400	24	-----	B	3	54	
3Q5	2.5	HS5-3400	38	-----	B	3	45	
3S4	2.5	HR3-2400	28	-----	B	#	38	
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
3V4	3.0	BX6-2300	31	-----	B	3	50	
4A6	3.0	HS5-6000	16	-----	B	3	25	Triode No. 1.
4A6	3.0	CX4-3000	16	-----	B	3	25	Triode No. 2.
5A6	5.0	EV7-1603	46	-----	C	3	38	
5AX4	5.0	JS0-6000	0	0	A	7	40	Plate No. 1.
5AX4	5.0	JS0-4000	0	0	A	7	40	Plate No. 2.
5AZ4	5.0	JS0-4006	0	0	A	7	40	Plate No. 1.
5AZ4	5.0	JS0-6004	0	0	A	7	40	Plate No. 2.
5R4	5.0	JS0-6000	0	39	A	7	40	Plate No. 1.
5R4	5.0	JS0-4000	0	36	A	7	40	Plate No. 2.
5T4	5.0	JS0-6000	0	54	A	7	40	Plate No. 1.
5T4	5.0	JS0-4000	0	47	A	7	40	Plate No. 2.

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<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
5U4	5.0	JS0-6000	0	47	A	7	40	Plate No. 1.
5U4	5.0	JS0-4000	0	42	A	7	40	Plate No. 2.
5V4	5.0	JS0-6000	0	60	A	7	40	Plate No. 1.
5V4	5.0	JS0-4000	0	60	A	7	40	Plate No. 2.
5W4	5.0	JS0-6000	0	16	A	7	40	Plate No. 1.
5W4	5.0	JS0-4000	0	0	A	7	40	Plate No. 2.
5X3	5.0	ER0-3000	0	0	A	7	40	Plate No. 1.
5X3	5.0	ER0-2000	0	0	A	7	40	Plate No. 2.
5X4	5.0	HY0-5000	0	47	A	7	40	Plate No. 1.
5X4	5.0	HY0-3000	0	42	A	7	40	Plate No. 2.
5Y3	5.0	JS0-6000	0	0	A	7	40	Plate No. 1.
5Y3	5.0	JS0-4000	0	0	A	7	40	Plate No. 2.
5Y4	5.0	HY0-5000	0	0	A	7	40	Plate No. 1.
5Y4	5.0	HY0-3000	0	0	A	7	40	Plate No. 2.
5Z3	5.0	ER0-3000	0	47	A	7	40	Plate No. 1.
5Z3	5.0	ER0-2000	0	42	A	7	40	Plate No. 2.
5Z4	5.0	JS0-6000	0	64	A	7	40	Plate No. 1.
5Z4	5.0	JS0-4000	0	64	A	7	40	Plate No. 2.
6A3	6.3	ER3-2000	67	-----	C	3	38	
6A4	6.3	FR3-2400	28	-----	B	3	50	
6A5	6.3	HS5-3000	67	-----	C	3	38	
6A6	6.3	HR5-6040	12	-----	B	3	38	Triode No. 1.
6A6	6.3	HR3-2040	12	-----	B	3	38	Triode No. 2.
6A7	6.3	HR5-3462	41	-----	B	3	29	Cap connects to grid No. 4.
6A8	6.3	HS5-4683	41	-----	B	3	29	Cap connects to grid No. 4.
6AB4	6.3	ET6-1070	10	-----	C	3	50	
6AB5	6.3	GR5-4030	0	100	A	3	-----	Eye open.
6AB5	6.3	GR5-4230	0	100	A	3	-----	Eye closed.
6AB6	6.3	HS5-3480	0	-----	B	3	37	
6AB7	6.3	HS4-8653	0	-----	C	3	44	
6AB8	6.3	EV9-6837	24	-----	C	3	35	Pentode sect.
6AB8	6.3	EV2-1030	35	-----	B	3	20	Triode sect.
6AC5	6.3	HS5-3080	0	-----	B	3	21	
6AC6	6.3	HS5-3480	0	-----	B	3	60	
6AC7	6.3	HS4-8653	10	-----	D	3	30	
6AD4★	6.3	DU2-1050	28	-----	B	3	18	C basing.
6AD6	6.3	HS4-3580	0	100	A	3	-----	Eye 1 open, Eye 2 closed.
6AD6	6.3	HS3-4580	0	100	A	3	-----	Eye 2 open, Eye 1 closed.
6AD7	6.3	HS5-3486	29	-----	B	3	50	Pentode sect.
6AD7	6.3	HS1-6083	0	-----	B	3	15	Triode sect.
6AE5	6.3	HS5-3080	68	-----	B	3	30	
6AE6	6.3	HS5-4083	0	-----	B	3	22	Triode No. 1.
6AE6	6.3	HS5-3084	0	-----	B	3	19	Triode No. 2.
6AE7	6.3	HS6-3084	33	-----	B	3	38	Triode No. 1.
6AE7	6.3	HS4-3056	33	-----	B	3	38	Triode No. 2.



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Tube type	Flt	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
6AF4	6.3	ET2-1050	36	-----	D	3	23	
6AF5	6.3	HS5-3080	51	-----	B	3	38	
6AF6	6.3	HS4-3580	0	100	A	3	-----	Eye 1 open. Eye 2 closed.
6AF6	6.3	HS3-4580	0	100	A	3	-----	Eye 2 open. Eye 1 closed.
6AG5	6.3	ET1-5620	10	-----	D	3	20	
6AG7	6.3	HS4-8651	10	-----	D	3	30	
6AH4	6.3	HS1-5080	47	-----	C	3	57	
6AH5	6.3	HS6-4180	23	-----	D	3	25	
6AH6	6.3	ET1-5672	10	-----	D	3	30	
6AH7	6.3	HY5-6043	20	-----	B	3	50	Triode No. 1.
6AH7	6.3	HY1-3026	20	-----	B	3	50	Triode No. 2.
6AJ4	6.3	JX1-6020	9	-----	D	3	50	
6AJ5	6.3	ET1-5620	12	-----	D	#	14	
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
6AJ7	6.3	HS4-8653	10	-----	D	3	30	
6AK4★	6.3	DW1-8057	24	-----	D	3	19	F basing.
6AK5	6.3	ET1-5620	10	-----	D	3	22	
6AK6	6.3	ET1-5672	23	-----	B	3	53	
6AK7	6.3	HS4-8651	30	-----	D	3	30	
6AL5	6.3	HT6-7010	0	70	A	2	40	Diode No. 1.
6AL5	6.3	HT6-2050	0	70	A	2	40	Diode No. 2.
6AL6	6.3	HS5-3080	23	-----	D	3	25	Cap connects to plate.
6AL7	6.3	HS5-3080	Vary	100	A	3	-----	Bias controls left pattern.
6AL7	6.3	HS5-3080	Vary	100	A	3	-----	Bias controls both patterns.
6AL7	6.3	HS4-3580	Vary	100	A	3	-----	Bias controls right pattern.
6AN4	6.3	ET2-1050	6	-----	D	3	40	
6AN5	6.3	ET1-5670	0	-----	D	#	30	
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
6AQ5	6.3	ET1-5620	21	-----	C	3	46	
6AQ6	6.3	ET1-7020	6	-----	B	3	29	Triode sect.
6AQ6	6.3	ET6-6020	0	0	A	2	40	Diode No. 1.
6AQ6	6.3	ET6-5020	0	0	A	2	40	Diode No. 2.
6AQ7	6.3	HY4-5026	13	-----	B	3	25	Triode sect.
6AQ7	6.3	HY4-1026	0	30	A	2	40	Diode No. 1.
6AQ7	6.3	HY4-3026	0	30	A	2	40	Diode No. 2.
6AR5	6.3	ET1-5620	34	-----	B	3	40	
6AR6	6.3	GY7-3510	34	-----	D	3	27	
6AS5	6.3	ET2-7610	25	-----	D	3	28	
6AS6	6.3	ET1-5627	14	-----	B	3	44	
6AS7	6.3	HY4-5062	100	-----	C	3	36	Triode No. 1.
6AS7	6.3	HY1-2035	100	-----	C	3	36	Triode No. 2.
6AT6	6.3	ET1-7020	18	-----	B	3	30	Triode sect.
6AT6	6.3	ET1-6020	0	0	A	2	40	Diode No. 1.
6AT6	6.3	ET1-5020	0	0	A	2	20	Diode No. 2.
6AU5	6.3	HS1-5830	41	-----	C	3	36	

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations	
6AU6	6.3	ET1-5672	16	-----	B	3	58		
6AV5	6.3	HS1-5830	50	-----	C	3	49		
6AV6	6.3	ET1-7025	12	-----	B	3	32	Triode sect.	
6AV6	6.3	ET1-6025	0	0	A	2	40	Diode No. 1.	
6AV6	6.3	ET1-5027	0	0	A	2	40	Diode No. 2.	
6AW7	6.3	HY2-6010	8	-----	B	3	23	Triode sect.	
6AW7	6.3	HY2-3050	0	65	A	2	40	Diode No. 1.	
6AW7	6.3	HY2-4010	0	65	A	2	40	Diode No. 2.	
6AX4	6.3	HY0-5030	0	54	A	7	40		
6AX5	6.3	HS0-5083	0	12	A	7	40	Plate No. 1.	
6AX5	6.3	HS0-3085	0	12	A	7	40	Plate No. 2.	
6AX6	6.3	HS0-5080	0	65	A	7	40	Plate No. 1.	
6AX6	6.3	HS0-3040	0	65	A	7	40	Plate No. 2.	
6AZ6★	6.3	DW0-2048	0	65	A	2	40	F basing.	
6AZ6★	6.3	DW0-7058	0	65	A	2	40	Diode No. 1. F basing. Diode No. 2.	
6B4	6.3	HS5-3000	67	-----	C	3	38		
6B5	6.3	GR4-2350	0	-----	B	3	38		
6B6	6.3	HS0-3080	11	-----	B	3	19	Triode sect.	
6B6	6.3	HS0-5080	0	14	A	2	40	Diode No. 1. Cap connects to grid.	
6B6	6.3	HS0-4080	0	14	A	2	40	Diode No. 2.	
6B7	6.3	HR0-2360	30	-----	B	3	25	Pentode sect. Cap connects to grid.	
6B7	6.3	HR0-5360	0	14	A	2	40	Diode No. 1.	
6B7	6.3	HR0-4360	0	14	A	2	40	Diode No. 2.	
6B8	6.3	HS0-3681	24	-----	B	3	29	Pentode sect. Cap connects to grid.	
6B8	6.3	HS0-5681	0	14	A	2	40	Diode No. 1.	
6B8	6.3	HS0-4681	0	14	A	2	40	Diode No. 2.	
6BA5★	6.3	DW1-5780	16	-----	B	3	54	F basing.	
6BA6	6.3	ET1-5672	9	-----	C	3	41		
6BA7	6.3	EV7-9136	Short test Only						
6BA7	6.3	EV2-1037	10	-----	D	3	40		
6BC5	6.3	ET1-5620	0	-----	C	3	40		
6BC7	6.3	EV0-8090	0	71	A	2	40	Diode No. 1.	
6BC7	6.3	EV0-6070	0	71	A	2	40	Diode No. 2.	
6BC7	6.3	EV0-2010	0	71	A	2	40	Diode No. 3.	
6BD5	6.3	HS1-5830	18	-----	D	3	25		
6BD6	6.3	ET1-5672	19	-----	B	3	50		
6BE6	6.3	ET7-5621	Short Test Only						
6BE6	6.3	ET1-6027	17	-----	D	3	36		
6BE7	6.3	EV7-1639	29	-----	B	3	25		
6BF5	6.3	ET1-5620	49	-----	C	3	43		
6BF6	6.3	ET1-7020	18	-----	B	3	48	Triode sect.	
6BF6	6.3	ET1-6020	0	0	A	2	40	Diode No. 1.	
6BF6	6.3	ET1-5020	0	0	A	2	40	Diode No. 2.	

## TB 11-5083-1/TO 16-35TV7-5

<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
6BF7★	6.3	DW7-8050	22	-----	C	3	31	F basing. Triode No. 1.
6BF7★	6.3	DW2-1040	22	-----	C	3	31	F basing. Triode No. 2.
6BG6	6.3	HS5-0830	18	-----	D	3	30	Cap connects to plate.
6BG7★	6.3	DW7-8050	22	-----	C	3	31	F basing. Triode No. 1.
6BG7★	6.3	DW2-1040	22	-----	C	3	31	F basing. Triode No. 2.
6BH6	6.3	ET1-5627	15	-----	B	3	50	
6BJ6	6.3	ET1-5627	0	-----	C	3	48	
6BK5	6.3	EV3-1860	0	-----	D	3	28	
6BK6	6.3	ET1-7025	6	-----	B	3	32	Triode sect.
6BK6	6.3	ET0-6025	0	40	A	2	40	Diode No. 1.
6BK6	6.3	ET0-5027	0	40	A	2	40	Diode No. 2.
6BK7	6.3	EV7-6089	8	-----	D	3	43	Triode No. 1.
6BK7	6.3	EV2-1039	8	-----	D	3	43	Triode No. 2.
6BL7	6.3	HY1-2C30	24	-----	D	3	25	Triode No. 1.
6BL7	6.3	HY4-5060	24	-----	D	3	25	Triode No. 2.
6BN6	6.3	ET2-7516	0	-----	B	3	18	Limiter Grid.
6BN6	6.3	ET6-7512	0	-----	B	3	23	Quadrature grid.
6BQ6	6.3	HS5-0480	50	-----	C	3	56	Cap connects to plate.
6BQ7	6.3	EV7-6080	17	-----	D	3	26	Triode No. 1.
6BQ7	6.3	EV2-1030	17	-----	D	3	26	Triode No. 2.
6BT6	6.3	ET1-7020	13	-----	B	3	33	Triode sect.
6BT6	6.3	ET1-6020	0	40	A	2	40	Diode No. 1.
6BT6	6.3	ET1-5020	0	40	A	2	40	Diode No. 2.
6BU6	6.3	ET1-7020	34	-----	B	3	38	Triode sect.
6BU6	6.3	ET1-6020	0	40	A	2	40	Diode No. 1.
6BU6	6.3	ET1-5020	0	40	A	2	40	Diode No. 2.
6BX6	6.3	EV2-7819	13	-----	C	3	38	
6BY5	6.3	HS0-4010	0	50	A	7	40	Plate No. 1.
6BY5	6.3	HS0-5080	0	50	A	7	40	Plate No. 2.
6BZ7	6.3	EV7-6089	17	-----	D	3	34	Triode No. 1.
6BZ7	6.3	EV2-1039	17	-----	D	3	34	Triode No. 2.
6C4	6.3	ET6-1070	24	-----	B	3	55	
6C5	6.3	HS5-3080	21	-----	B	3	50	
6C6	6.3	HR0-2334	21	-----	B	3	31	Cap connects to grid.
6C7	6.3	HR0-2060	29	-----	B	3	31	Triode sect. Cap connects to grid.
6C7	6.3	HR0-5060	0	0	A	2	40	Diode No. 1.
6C7	6.3	HR0-4060	0	0	A	2	40	Diode No. 2.
6C8	6.3	HS5-6080	17	-----	B	3	25	Triode No. 1.
6C8	6.3	HS0-3040	17	-----	B	3	25	Triode No. 2. Cap connects to grid.
6CB6	6.3	ET1-5627	11	-----	D	3	28	
6CD6	6.3	HS5-0830	42	-----	D	3	33	Cap connects to plate.
6CJ6	6.3	EV2-0731	54	-----	C	3	58	Cap connects to grid.
6CL6	6.3	EV2-6317	10	-----	D	3	30	

## TB 11-5083-1/TO 16-35TV7-5

Tube type	FU	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
6D4	6.3	ET1-7050	#	62	A	7	40	# Should Strike Between Settings 87 and 77 of the Bias Dial.
6D5	6.3	HS5-3080	57	-----	B	3	50	
6D6	6.3	GR0-2354	21	-----	B	3	40	Cap connects to grid.
6D7	6.3	HR0-2364	24	-----	B	3	31	Cap connects to grid.
6D8	6.3	HS5-4683	45	-----	B	3	31	Cap connects to grid.
6E5	6.3	GR5-4030	0	100	A	3	-----	Eye open.
6E5	6.3	GR5-4230	0	100	A	3	-----	Eye closed.
6E6	6.3	HR5-6040	54	-----	B	3	35	Triode No. 1.
6E6	6.3	HR3-2040	54	-----	B	3	35	Triode No. 2.
6E7	6.3	HR0-2364	24	-----	B	3	38	Cap connects to grid.
6F4	6.3	GR2-3070	30	-----	D	3	30	
6F5	6.3	HS0-4081	12	-----	B	3	25	Cap connects to plate.
6F6	6.3	HS5-3481	29	-----	B	3	50	
6F7	6.3	HR0-2365	28	-----	B	3	28	Pentode sect. Cap connects to grid.
6F7	6.3	HR5-4362	28	-----	B	3	13	Triode sect.
6F8	6.3	HS5-6080	23	-----	B	3	50	Triode No. 1.
6F8	6.3	HS0-3040	23	-----	B	3	50	Triode No. 2. Cap connects to grid.
6G5	6.3	GR5-4030	0	100	A	3	-----	Eye open.
6G5	6.3	GR5-4230	0	100	A	3	-----	Eye closed.
6G6	6.3	HS5-3480	23	-----	B	3	53	
6G7S	6.3	HR0-2354	36	-----	B	3	38	Pentode sect. Cap connects to grid.
6G7S	6.3	HR0-6030	0	62	A	2	40	Diode No. 1.
6G7S	6.3	HR0-4030	0	62	A	2	40	Diode No. 2.
6H4	6.3	HS0-4080	0	62	A	2	32	Diode.
6H5	6.3	GR5-4030	0	100	A	3	-----	Eye open.
6H5	6.3	GR5-4230	0	100	A	3	-----	Eye closed.
6H6	6.3	HS0-6080	0	63	A	2	40	Diode No. 1.
6H6	6.3	HS0-3040	0	63	A	2	40	Diode No. 2.
6H7M	6.3	HS5-3486	29	-----	B	3	50	Pentode sect.
6H7M	6.3	HS0-6083	0	-----	B	3	4	Triode sect. Cap connects to grid.
6J4	6.3	ET1-7020	15	-----	D	3	45	
6J5	6.3	HS5-3080	23	-----	B	3	50	
6J6	6.3	ET5-2070	15	-----	D	3	23	Triode No. 1.
6J6	6.3	ET6-1070	15	-----	D	3	23	Triode No. 2.
6J7	6.3	HS0-3485	22	-----	B	3	31	Cap connects to Grid No. 1.
6J8	6.3	HS5-3486	18	-----	B	3	25	Heptode sect. Cap connects to grid.
6J8	6.3	HS5-6483	30	-----	B	3	13	Triode sect.
6K4★	6.3	DU2-1050	31	-----	D	3	16	C basing.
6K5	6.3	HS0-3080	21	-----	B	3	25	Cap connects to grid.
6K6	6.3	HS5-3480	34	-----	B	3	40	
6K7	6.3	HS0-3485	19	-----	B	3	36	Cap connects to grid.

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<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
6K8	6.3	HS5-3486	11	-----	B	3	25	Hexode sect. Cap connects to grid.
6K8	6.3	HS5-6483	0	-----	C	3	30	Triode sect.
6L4	6.3	GR2-3070	25	-----	D	3	25	
6L5	6.3	HS5-3080	27	-----	B	3	38	
6L6	6.3	HS5-3481	23	-----	D	3	25	
6L7	6.3	HS0-3485	23	-----	B	3	16	Cap grid. Cap connects to grid.
6L7	6.3	HS5-3481	27	-----	B	3	16	Pin grid.
6N4	6.3	ET1-5020	18	-----	D	3	30	
6N5	6.3	GR5-4030	0	100	A	3	-----	Eye open.
6N5	6.3	GR5-4230	0	100	A	3	-----	Eye closed.
6N6	6.3	HS5-3480	0	-----	B	3	38	
6N7	6.3	HS5-6083	12	-----	B	3	38	Triode No. 1.
6N7	6.3	HS4-3086	12	-----	B	3	38	Triode No. 2.
6N8	6.3	EV2-6139	17	-----	B	3	55	Pentode sect.
6N8	6.3	HV2-7139	0	0	A	2	40	Diode No. 1.
6N8	6.3	EV2-8139	0	0	A	2	40	Diode No. 2.
6P5	6.3	HS5-3080	29	-----	B	3	36	
6P7	6.3	CT0-4586	28	-----	B	3	28	Pentode sect. Cap connects to grid.
6P7	6.3	CT7-6084	28	-----	B	3	13	Triode sect.
6Q4	6.3	EV1-9030	0	-----	D	3	50	
6Q5	6.3	HS5-3080	#	90	A	4	40	
		# Should Strike Between Settings 64 and 54 of the Bias Dial.						
6Q6	6.3	HS0-3080	17	-----	B	3	25	Triode sect. Cap connects to grid.
6Q6	6.3	HS0-5080	0	14	A	2	40	Diode No. 1.
6Q6	6.3	HS0-4080	0	14	A	2	40	Diode No. 2.
6Q7	6.3	HS0-3081	17	-----	B	3	20	Triode sect. Cap connects to grid.
6Q7	6.3	HS0-5083	0	14	A	2	40	Diode No. 1.
6Q7	6.3	HS0-4083	0	14	A	2	40	Diode No. 2.
6R4	6.3	EV1-8030	23	-----	C	3	50	
6R7	6.3	HS0-3081	18	-----	B	3	48	Triode sect. Cap connects to grid.
6R7	6.3	HS0-5083	0	14	A	2	40	Diode No. 1.
6R7	6.3	HS0-4083	0	14	A	2	40	Diode No. 2.
6R8	6.3	EV8-9072	13	-----	B	3	48	Triode sect.
6R8	6.3	EV0-1078	0	68	A	2	40	Diode No. 1.
6R8	6.3	EV0-6078	0	68	A	2	40	Diode No. 2.
6R8	6.3	EV0-2039	0	68	A	2	40	Diode No. 3.
6S4	6.3	EV6-9020	17	-----	C	3	52	
6S7	6.3	HS0-3485	27	-----	B	3	44	Cap connects to grid.
6S8	6.3	HY0-6020	10	-----	B	3	23	Triode sect. Cap connects to grid.
6S8	6.3	HY0-3050	0	14	A	2	40	Diode No. 1.
6S8	6.3	HY0-4020	0	14	A	2	40	Diode No. 2.
6S8	6.3	HY0-1020	0	14	A	2	40	Diode No. 3.

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
6SA7	6.3	HS8-3465			Short Test Only			
6SA7	6.3	HS5-4068	0	-----	C	3	50	
6SB7	6.3	HS8-3465			Short Test Only			
6SB7	6.3	HS5-4068	10	-----	D	3	40	
6SC7	6.3	HY4-5062	0	-----	B	3	25	Triode No. 1.
6SC7	6.3	HY3-2065	0	-----	B	3	25	Triode No. 2.
6SD7	6.3	HS4-8653	10	-----	D	3	15	
6SF5	6.3	HY3-5021	12	-----	B	3	25	
6SF7	6.3	HY2-6431	0	-----	B	3	50	Pentode sect.
6SF7	6.3	HY0-5436	0	14	A	2	40	Diode sect.
6SG7	6.3	HS4-8651	0	-----	C	3	42	
6SH7	6.3	HS4-8651	0	-----	C	3	43	
6SJ7	6.3	HS4-8653	22	-----	B	3	40	
6SK7	6.3	HS4-8653	22	-----	B	3	48	
6SL7	6.3	HY4-5062	0	-----	B	3	32	Triode No. 1.
6SL7	6.3	HY1-2035	0	-----	B	3	32	Triode No. 2.
6SN7	6.3	HY4-5062	23	-----	B	3	50	Triode No. 1.
6SN7	6.3	HY1-2035	23	-----	B	3	50	Triode No. 2.
6SQ7	6.3	HS2-6031	11	-----	B	3	19	Triode sect.
6SQ7	6.3	HY0-5036	0	14	A	2	40	Diode No. 1.
6SQ7	6.3	HY0-4036	0	14	A	2	40	Diode No. 2.
6SR7	6.3	HY2-6031	18	-----	B	3	48	Triode sect.
6SR7	6.3	HY0-5036	0	14	A	2	40	Diode No. 1.
6SR7	6.3	HY0-4036	0	14	A	2	40	Diode No. 2.
6SS7	6.3	HS4-8653	19	-----	B	3	46	
6ST7	6.3	HY2-6031	15	-----	B	3	48	Triode sect.
6ST7	6.3	HY0-5036	0	0	A	2	30	Diode No. 1.
6ST7	6.3	HY0-4036	0	0	A	2	50	Diode No. 2.
6SU7	6.3	HY4-5062	5	-----	B	3	30	Triode No. 1.
6SU7	6.3	HY1-2035	5	-----	B	3	30	Triode No. 2.
6SV7	6.3	HY2-6430	12	-----	B	3	53	Pentode sect.
6SV7	6.3	HY2-5430	0	62	A	2	40	Diode sect.
6SZ7	6.3	HY2-6031	10	-----	B	3	30	Triode sect.
6SZ7	6.3	HY0-5031	0	0	A	2	30	Diode No. 1.
6SZ7	6.3	HY0-4031	0	0	A	2	30	Diode No. 2.
6T5	6.3	GR5-4030	0	100	A	3	-----	Eye open.
6T5	6.3	GR5-4230	0	100	A	3	-----	Eye closed.
6T7	6.3	HS0-3080	17	-----	B	3	25	Triode sect.
Cap connects to grid.								
6T7	6.3	HS0-5080	0	14	A	2	40	Diode No. 1.
6T7	6.3	HS0-4080	0	14	A	2	40	Diode No. 2.
6T8	6.3	EV8-9076	11	-----	B	3	30	Triode sect.
6T8	6.3	EV0-6071	0	70	A	2	40	Diode No. 1.
6T8	6.3	EV0-2036	0	70	A	2	40	Diode No. 2.
6T8	6.3	EV0-1078	0	70	A	2	40	Diode No. 3.
6U3	6.3	EV0-9030	0	63	A	7	40	
6U4	6.3	HY0-5030	0	61	A	7	40	
6U5	6.3	GR5-4050	0	100	A	3	-----	Eye open.
6U5	6.3	GR5-4230	0	100	A	3	-----	Eye closed.

## TB 11-5083-1/TO 16-35TV7-5

Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
6U6	6.3	HS5-3480	30	-----	D	3	32	
6U7	6.3	HS0-3485	21	-----	B	3	40	Cap connects to grid No. 1.
6U8	6.3	EV2-6370	15	-----	B	3	57	Pentode sect.
6U8	6.3	EV9-1080	16	-----	C	3	57	Triode sect.
6V3	6.3	EV0-0020	0	65	A	#	40	Cap connects to plate.
# Hold Down Push Button 8--Meter Rev. and Press Push Button 7--Rect.								
6V4	6.3	EV0-7031	0	23	A	7	40	Plate No. 1.
6V4	6.3	EV0-1037	0	23	A	7	40	Plate No. 2.
6V5	6.3	HY5-3400	31	-----	C	3	52	
6V6	6.3	HS5-3481	21	-----	C	3	46	
6V7	6.3	HS0-3080	39	-----	B	3	24	Triode sect. Cap connects to grid.
6V7	6.3	HS0-5080	0	14	A	2	40	Diode No. 1.
6V7	6.3	HS0-4080	0	14	A	2	40	Diode No. 2.
6V8	6.3	EV6-1038	11	-----	B	3	30	Triode sect.
6V8	6.3	EV0-9032	0	0	A	2	30	Diode No. 1.
6V8	6.3	EV0-7086	0	72	A	2	40	Diode No. 2.
6V8	6.3	EV0-2038	0	72	A	2	40	Diode No. 3.
6W4	6.3	HY0-5030	0	63	A	7	40	
6W5	6.3	HS0-5080	0	40	A	7	40	Plate No. 1.
6W5	6.3	HS0-3080	0	40	A	7	40	Plate No. 2.
6W6	6.3	HS5-3480	56	-----	C	3	38	
6W7	6.3	HS0-3485	22	-----	B	3	31	Cap connects to grid No. 1.
6X4	6.3	ET0-6070	0	30	A	7	40	Plate No. 1.
<del>6X4</del>	<del>6.3</del>	<del>ET0-1070</del>	<del>0</del>	<del>30</del>	<del>A</del>	<del>7</del>	<del>40</del>	<del>Plate No. 2.</del>
6X5	6.3	HS0-5081	0	40	A	7	40	Plate No. 1.
6X5	6.3	HS0-3081	0	40	A	7	40	Plate No. 2.
6X8	6.3	EV7-9861	9	-----	D	3	23	Pentode sect.
6X8	6.3	EV2-3861	15	-----	D	3	23	Triode sect.
6Y5	6.3	GR0-5040	0	63	A	7	40	Plate No. 1.
6Y5	6.3	GR0-3040	0	63	A	7	40	Plate No. 2.
6Y6	6.3	HS5-3480	33	-----	D	3	30	
6Y7	6.3	HS5-6083	15	-----	B	3	25	Triode No. 1.
6Y7	6.3	HS4-3086	15	-----	B	3	25	Triode No. 2.
6Z4	6.3	FR0-3040	0	46	A	7	40	Plate No. 1.
6Z4	6.3	FR0-2040	0	46	A	7	40	Plate No. 2.
6Z5	12.6	GS0-5040	0	38	A	7	40	Plate No. 1. Short on 3.
6Z5	12.6	GS0-3040	0	38	A	7	40	Plate No. 2. Short on 3.
6Z7	6.3	HS5-6080	0	-----	B	3	30	Triode No. 1.
6Z7	6.3	HS4-3080	0	-----	B	3	30	Triode No. 2.
6ZY5	6.3	HS0-5080	0	30	A	7	40	Plate No. 1.
6ZY5	6.3	HS0-3080	0	30	A	7	40	Plate No. 2.
7A4	6.3	JR6-2070	23	-----	B	3	50	
7A5	6.3	JR6-2370	25	-----	D	3	30	
7A6	6.3	JR0-6075	0	60	A	2	40	Diode No. 1.

## TB 11-5083-1/TO 16-35TV7-5

<i>Tube type</i>	<i>Fl</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
7A6	6.3	JR0-3025	0	60	A	2	40	Diode No. 2.
7A7	6.3	JR6-2374	27	-----	B	3	44	
7A8	6.3	JR6-2574			Short Test Only			
7A8	6.3	JR4-5376	40	-----	B	3	31	
7AB7	6.3	HS5-3140	10	-----	B	3	46	
7AD7	6.3	JR6-2374	0	-----	D	3	31	
7AF7	6.3	JR5-6070	21	-----	C	3	33	Triode No. 1
7AF7	6.3	JR4-3020	21	-----	C	3	33	Triode No. 2.
7AG7	6.3	JR6-2374	0	-----	C	3	38	
7AH7	6.3	JR6-2374	0	-----	C	3	42	
7AJ7	6.3	JR6-2374	0	-----	D	3	11	
7AK7	6.3	JR6-2374	0	-----	C	3	50	
7B4	6.3	JR6-2070	12	-----	B	3	25	
7B5	6.3	JR6-2370	34	-----	B	3	40	
7B6	6.3	JR3-2070	0	-----	B	3	28	Triode sect.
7B6	6.3	JR0-6072	0	14	A	2	40	Diode No. 1.
7B5	6.3	JR0-5072	0	14	A	2	40	Diode No. 2.
7B7	6.3	JR6-2374	27	-----	B	3	43	
7B8	6.3	JR6-2574			Short Test Only			
7B8	6.3	JR4-5376	44	-----	B	3	29	
7C4	6.3	JR0-4070	0	52	A	2	40	Diode.
7C5	6.3	JR6-2370	30	-----	C	3	38	
7C6	6.3	JR3-2070	10	-----	B	3	15	Triode sect.
7C6	6.3	JR0-6072	0	0	A	2	30	Diode No. 1.
7C6	6.3	JR0-5072	0	0	A	2	30	Diode No. 2.
7C7	6.3	JR6-2374	22	-----	B	3	33	
7E5	6.3	JS1-3040	15	-----	C	3	38	
7E6	6.3	JR3-2070	12	-----	B	3	55	Triode sect.
7E6	6.3	JR0-6072	0	14	A	2	40	Diode No. 1.
7E6	6.3	JR0-5072	0	14	A	2	40	Diode No. 2.
7E7	6.3	JR6-2570	22	-----	B	3	33	Pent. sect.
7E7	6.3	JR0-4072	0	0	A	2	30	Diode No. 1.
7E7	6.3	JR0-3072	0	0	A	2	30	Diode No. 2.
7F7	6.3	JR5-6073	0	-----	B	3	33	Triode No. 1.
7F7	6.3	JR4-3026	0	-----	B	3	33	Triode No. 2.
7F8	6.3	HS8-6050	10	-----	D	3	25	Triode No. 1.
7F8	6.3	HS1-3040	10	-----	D	3	25	Triode No. 2.
7G7	6.3	JR6-2374	18	-----	B	3	50	
7G8	6.3	JR5-7362	10	-----	B	3	53	Tetrode No. 1.
7G8	6.3	JR4-2367	10	-----	B	3	53	Tetrode No. 2.
7H7	6.3	JR6-2374	10	-----	D	3	19	
7J7	6.3	JR6-2574	18	-----	B	3	20	Heptode sect.
7J7	6.3	JR4-3576	18	-----	B	3	25	Triode sect.
7K7	6.3	JR4-3020	0	-----	B	3	25	Triode sect.
7K7	6.3	JR0-5070	0	20	A	2	40	Diode No. 1.
7K7	6.3	JR0-6070	0	20	A	2	40	Diode No. 2.
7L7	6.3	JR6-2374	12	-----	B	3	50	
7N7	6.3	JR5-6073	23	-----	B	3	50	Triode No. 1.
7N7	6.3	JR4-3026	23	-----	B	3	50	Triode No. 2.



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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
7Q7	6.3	JR6-2375			Short Test Only			
7Q7	6.3	JR4-3076	20	-----	C	3	57	
7R7	6.3	JR6-2570	10	-----	C	3	38	Pentode sect.
7R7	6.3	JR0-4072	0	0	A	2	30	Diode No. 1.
7R7	6.3	JR0-3072	0	0	A	2	30	Diode No. 2.
7S7	6.3	JR6-2574	18	-----	B	3	38	Heptode sect.
7S7	6.3	JR4-3576	0	-----	B	3	38	Triode sect.
7T7	6.3	JR6-2374	9	-----	C	3	38	
7V7	6.3	JR6-2374	6	-----	C	3	50	
7W7	6.3	JR6-2375	10	-----	D	3	18	
7X6	6.3	JR0-6075	0	57	A	7	40	Plate No. 1.
7X6	6.3	JR0-3025	0	57	A	7	40	Plate No. 2.
7X7	6.3	JR3-2040	0	-----	B	3	23	Triode sect.
7X7	6.3	JR0-5040	0	67	A	2	40	Diode No. 1.
7X7	6.3	JR0-6070	0	67	A	2	40	Diode No. 2.
7Y4	6.3	JR0-6070	0	42	A	7	40	Plate No. 1.
7Y4	6.3	JR0-3070	0	42	A	7	40	Plate No. 2.
7Z4	6.3	JR0-6070	0	12	A	7	40	Plate No. 1.
7Z4	6.3	JR0-3070	0	12	A	7	40	Plate No. 2.
10	7.5	ER3-2000	39	-----	B	3	32	
10Y	7.5	ER3-2000	12	-----	B	3	38	
12A	5.0	ER3-2000	44	-----	B	3	42	
12A4	12.6	EV2-9010	25	-----	D	3	39	
12A5	12.6	HR4-2350	51	-----	B	3	45	
12A6	12.6	HS5-3481	12	-----	C	3	38	
12A7	12.6	HR0-2365	48	-----	B	3	24	Pentode sect. Cap connects to grid.
12A7	12.6	HR0-5042	0	50	A	7	40	Rect. sect.
12A8	12.6	HS5-4683	41	-----	B	3	29	Cap connects to grid No. 4.
12AH7	12.6	HY5-6043	20	-----	B	3	50	Triode No. 1.
12AH7	12.6	HY1-3026	20	-----	B	3	50	Triode No. 2.
12AL5	12.6	ET0-7010	0	70	A	2	40	Diode No. 1.
12AL5	12.6	ET0-2050	0	70	A	2	40	Diode No. 2.
12AT6	12.6	ET1-7020	18	-----	B	3	30	Triode sect.
12AT6	12.6	ET1-6020	0	0	A	2	40	Diode No. 1.
12AT6	12.6	ET1-5020	0	0	A	2	40	Diode No. 2.
12AT7	12.6	EV7-6080	10	-----	C	3	50	Triode No. 1.
12AT7	12.6	EV2-1030	10	-----	C	3	50	Triode No. 2.
12AV6	12.6	ET1-5072	16	-----	B	3	58	
12AU7	12.6	EV7-6080	24	-----	B	3	56	Triode No. 1.
12AU7	12.6	EV2-1030	24	-----	B	3	56	Triode No. 2.
12AV6	12.6	ET1-7025	12	-----	B	3	32	Triode sect.
12AV6	12.6	ET1-6025	0	0	A	2	40	Diode No. 1.
12AV6	12.6	ET1-5026	0	0	A	2	40	Diode No. 2.
12AV7	12.6	EV7-6080	18	-----	D	3	21	Triode No. 1.
12AV7	12.6	EV2-1030	18	-----	D	3	21	Triode No. 2.
12AW6	11.6	ET1-5627	10	-----	D	3	20	
12AX4	12.6	HY0-5030	0	54	A	7	40	

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<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
12A X7	12.6	EV7-6080	12	-----	B	3	32	Triode No. 1.
12A X7	12.6	EV2-1030	12	-----	B	3	32	Triode No. 2.
12A Y7	12.6	EV7-6080	15	-----	B	3	32	Triode No. 1.
12A Y7	12.6	EV2-1030	15	-----	B	3	32	Triode No. 2.
12AZ7	12.6	EV7-6080	10	-----	C	3	50	Triode No. 1.
12AZ7	12.6	EV2-1030	10	-----	C	3	50	Triode No. 2.
12B4	12.6	EV2-9010	50	-----	D	3	32	
12B7	12.6	JR6-2374	22	-----	B	3	48	
12B8	12.6	HS0-3410	22	-----	B	3	46	Pentode sect. Cap connects to grid.
12B8	12.6	HS8-5060	0	-----	B	3	50	Triode sect.
12BA6	12.6	ET1-5672	9	-----	C	3	41	
12BA7	12.6	EV7-9136			Short Test Only			
12BA7	12.6	EV2-1037	10	-----	D	3	40	
12BD6	12.6	ET1-5672	19	-----	B	3	50	
12BE6	12.6	ET7-5621			Short Test Only			
12BE6	12.6	ET1-6027	17	-----	D	3	36	
12BF6	12.6	ET1-7020	14	-----	B	3	48	Triode sect.
12BF6	12.6	ET1-6020	0	0	A	2	40	Diode No. 1.
12BF6	12.6	ET1-5020	0	0	A	2	40	Diode No. 2.
12BH7	12.6	EV7-6082	29	-----	C	3	30	Triode No. 1.
12BH7	12.6	EV2-1037	29	-----	C	3	30	Triode No. 2.
12BK6	12.6	ET1-7025	6	-----	B	3	32	Triode sect.
12BK6	12.6	ET0-6025	0	40	A	2	40	Diode No. 1.
12BK6	12.6	ET0-5027	0	40	A	2	40	Diode No. 2.
12BN6	12.6	ET2-7516	0	-----	B	3	18	Limiter grid.
12BN6	12.6	ET6-7512	0	-----	B	3	23	Quadature grid.
12BT6	12.6	ET1-7020	13	-----	B	3	33	Triode sect.
12BT6	12.6	ET1-6020	0	40	A	2	40	Diode No. 1.
12BT6	12.6	ET1-5020	0	40	A	2	40	Diode No. 2.
12BU6	12.6	ET1-7020	34	-----	B	3	38	Triode sect.
12BU6	12.6	ET1-6020	0	40	A	2	40	Diode No. 1.
12BU6	12.6	ET1-5020	0	40	A	2	40	Diode No. 2.
12BY7	12.6	EV2-7813	9	-----	D	3	46	
12BZ7	12.6	EV7-6080	8	-----	D	3	18	Triode No. 1.
12BZ7	12.6	EV2-1030	8	-----	D	3	18	Triode No. 2.
12C8	12.6	HS0-3681	24	-----	B	3	29	Pentode sect. Cap connects to grid No. 1.
12C8	12.6	HS0-5083	0	0	A	2	40	Diode No. 1.
12C8	12.6	HS0-4083	0	0	A	2	40	Diode No. 2.
12F5	12.6	HS0-4080	12	-----	B	3	25	Cap connects to grid.
12H6	12.6	HS0-5081	0	63	A	2	40	Diode No. 1.
12H6	12.6	HS0-3041	0	63	A	2	40	Diode No. 2.
12J5	12.6	HS5-3081	23	-----	B	3	50	
12J7	12.6	HS0-3485	22	-----	B	3	31	Cap connects to grid.
12K7	12.6	HS0-3485	19	-----	B	3	36	Cap connects to grid.

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<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
12K8	12.6	HS5-3486	11	-----	B	3	25	Heptode sect. Cap connects to grid No. 3 Hexode.
12K8	12.6	HS5-6483	0	-----	C	3	30	Triode sect.
12L8	12.6	HW1-8523	10	-----	B	3	54	Pentode No. 1.
12L8	12.6	HW3-4521	10	-----	B	3	54	Pentode No. 2.
12Q7	12.6	HS0-3080	17	-----	B	3	20	Triode sect. Cap connects to grid.
12Q7	12.6	HS0-5083	0	14	A	2	40	Diode No. 1.
12Q7	12.6	HS0-4083	0	14	A	2	40	Diode No. 2.
12S8	12.6	HY0-6020	10	-----	B	3	23	Triode sect. Cap connects to grid.
12S8	12.6	HY0-3050	0	14	A	2	40	Diode No. 1.
12S8	12.6	HY0-4020	0	14	A	2	40	Diode No. 2.
12S8	12.6	HY0-1020	0	14	A	2	40	Diode No. 3.
12SA7	12.6	HS8-3465	Short Test Only					
12SA7	12.6	HS5-4068	0	-----	C	3	50	
12SC7	12.6	HY4-5062	0	-----	B	3	25	Triode No. 1.
12SC7	12.6	HY3-2065	0	-----	B	3	25	Triode No. 2.
12SF5	12.6	HY3-5020	12	-----	B	3	25	
12SF7	12.6	HY2-6431	0	-----	B	3	50	Pentode sect.
12SF7	12.6	HY0-5036	0	14	A	2	40	Diode sect.
12SG7	12.6	HS4-8651	0	-----	C	3	42	
12SH7	12.6	HS4-8651	0	-----	C	3	43	
12SJ7	12.6	HS4-8653	22	-----	B	3	40	
12SK7	12.6	HS4-8653	22	-----	B	3	48	
12SL7	12.6	HY4-5062	0	-----	B	3	32	Triode No. 1.
12SL7	12.6	HY1-2035	0	-----	B	3	32	Triode No. 2.
12SN7	12.6	HY4-5062	23	-----	B	3	50	Triode No. 1.
12SN7	12.6	HY1-2035	23	-----	B	3	50	Triode No. 2.
12SQ7	12.6	HY2-6031	11	-----	B	3	19	Triode sect.
12SQ7	14.6	HY0-5036	0	14	A	2	40	Diode No. 1.
12SQ7	12.6	HY0-4036	0	14	A	2	40	Diode No. 2.
12SR7	12.6	HY2-6031	18	-----	B	3	48	Triode sect.
12SR7	12.6	HY0-5036	0	14	A	2	40	Diode No. 1.
12SR7	12.6	HY0-4036	0	14	A	2	40	Diode No. 2.
12SW7	12.6	HY2-6031	14	-----	B	3	48	Triode sect.
12SW7	12.6	HY0-5036	0	14	A	2	40	Diode No. 1.
12SW7	12.6	HY0-4036	0	14	A	2	40	Diode No. 2.
12SX7	12.6	HY4-5062	14	-----	C	3	33	Triode No. 1.
12SX7	12.6	HY1-2035	14	-----	C	3	33	Triode No. 2.
12SY7	12.6	HS8-3465	Short Test Only					
12SY7	12.6	HS5-4068	15	-----	D	3	23	
12V6	12.6	HS5-3480	21	-----	C	3	46	
12X4	12.6	ET0-6070	0	30	A	7	40	Plate No. 1.
12X4	12.6	ET0-1070	0	30	A	7	40	Plate No. 2.
12Z3	12.6	ER0-2030	0	52	A	7	40	
12Z5	12.6	GS0-5040	0	38	A	7	40	Plate No. 1.
12Z5	12.6	GS0-3040	0	38	A	7	40	Plate No. 2.

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
14A4	12.6	JR6-2070	23	-----	B	3	50	
14A5	12.6	JR6-2370	12	-----	C	3	38	
14A7	12.6	JR6-2374	22	-----	B	3	48	
14A F7	12.6	JR5-6070	21	-----	C	3	33	Triode No. 1.
14A F7	12.6	JR4-3020	21	-----	C	3	33	Triode No. 2.
14B6	12.6	JR3-2070	0	-----	B	3	28	Triode sect.
14B6	12.6	JR0-6072	0	14	A	2	40	Diode No. 1.
14B6	12.6	JR0-5072	0	14	A	2	40	Diode No. 2.
14B8	12.6	JR6-2574			Short Test Only			
14B8	12.6	JR4-5376	44	-----	B	3	29	
14C5	12.6	JR6-2370	23	-----	C	3	46	
14C7	12.6	JR6-2374	22	-----	B	3	33	
14E6	12.6	JR3-2070	12	-----	B	3	55	Triode sect.
14E6	12.6	JR0-6072	0	14	A	2	40	Diode No. 1.
14E6	12.6	JR0-5072	0	14	A	2	40	Diode No. 2.
14E7	12.6	JR6-2570	24	-----	B	3	33	Pentode sect.
14E7	12.6	JR0-4072	0	0	A	2	30	Diode No. 1.
14E7	12.6	JR0-3072	0	0	A	2	30	Diode No. 2.
14F7	12.6	JR5-6073	0	-----	B	3	40	Triode No. 1.
14F7	12.6	JR4-3026	0	-----	B	3	40	Triode No. 2.
14F8	12.6	HS8-6050	10	-----	D	3	25	Triode No. 1.
14F8	12.6	HS1-3040	10	-----	D	3	25	Triode No. 2.
14H7	12.6	JR6-2374	10	-----	D	3	19	
14J7	12.6	JR6-2574	18	-----	B	3	20	Heptode sect.
14J7	12.6	JR4-3576	18	-----	B	3	25	Triode sect.
14N7	12.6	JR5-6073	23	-----	B	3	50	Triode No. 1.
14N7	12.6	JR4-3026	23	-----	B	3	50	Triode No. 2.
14Q7	12.6	JR6-2375			Short Test Only			
14Q7	12.6	JR4-3076	20	-----	C	3	57	
14R7	12.6	JR6-2570	10	-----	C	3	38	Pentode sect.
14R7	12.6	JR0-4072	0	0	A	2	30	Diode No. 1.
14R7	12.6	JR0-3072	0	0	A	2	30	Diode No. 2.
14S7	12.6	JR6-2574	18	-----	B	3	38	Heptode sect.
14S7	12.6	JR4-3576	0	-----	B	3	38	Triode sect.
14V7	12.6	JR6-2374	6	-----	C	3	50	
14W7	12.6	JR6-2375	10	-----	D	3	18	
14X7	12.6	JR3-2040	0	-----	B	3	23	Triode sect.
14X7	12.6	JR0-5040	0	67	A	2	40	Diode No. 1.
14X7	12.6	JR0-6070	0	67	A	2	40	Diode No. 2.
14Y4	12.6	JR0-6070	0	30	A	7	40	Plate No. 1.
14Y4	12.6	JR0-3070	0	30	A	7	40	Plate No. 2.
14Z3	12.6	ER0-2030	0	52	A	7	40	
15	2.0	FR0-2340	10	-----	B	#	16	Cap connects to grid.
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
15A6	12.6	EV2-7136	7	-----	D	3	50	
19	2.0	GR4-5000	15	-----	B	3	25	Triode No. 1.
19	2.0	GR3-2000	15	-----	B	3	25	Triode No. 2.
19BG6	20.0	HS5-0830	18	-----	D	3	30	Cap connects to plate.
19C8	20.0	EV8-9070	23	-----	B	3	13	Triode sect.

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
19C8	20.0	EV8-6070	0	70	A	2	40	Diode No. 1.
19C8	20.0	EV8-2030	0	70	A	2	40	Diode No. 2.
19C8	20.0	EV8-1070	0	70	A	2	40	Diode No. 3.
19J6	20.0	ET5-2076	17		D	3	27	Triode No. 1.
19J6	20.0	ET6-1075	17		D	3	27	Triode No. 2.
19T8	20.0	EV8-9076	11		B	3	30	Triode sect.
19T8	20.0	EV0-6071	0	70	A	2	40	Diode No. 1.
19T8	20.0	EV0-2036	0	70	A	2	40	Diode No. 2.
19T8	20.0	EV0-1078	0	70	A	2	40	Diode No. 3.
19V8	20.0	EV6-1038	11		B	3	30	Triode sect.
19V8	20.0	EV0-9032	0	0	A	2	30	Diode No. 1.
19V8	20.0	EV0-7086	0	72	A	2	40	Diode No. 2.
19V8	20.0	EV0-2038	0	72	A	2	40	Diode No. 3.
19X3	20.0	EV0-9030	0	63	A	7	40	
19X8	20.0	EV7-9861	9		D	3	23	Pentode sect.
19X8	20.0	EV2-3861	15		D	3	23	Triode sect.
19Y3	20.0	EV0-9030	0	63	A	7	40	
20	3.0	ER3-2000	77		B	3	13	
RK20A	7.5	FR3-0240	0		C	3	32	Cap connects to plate.
VX21	1.1	CX0-4000	0	0	A	2	10	Pins: F- = 2, F+ = 7, P = 4.
21A6	20.0	EV2-0839	45		D	3	30	Cap connects to plate.
22	3.0	ER0-2300	20		B	#	13	Cap connects to grid.
# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.								
24	2.5	FR0-2340	12		B	3	25	Cap connects to grid.
24A	2.5	FR0-2340	12		B	3	25	Cap connects to grid.
VT25A	7.5	ER3-2000	30		B	3	50	
25A6	25.0	HS5-3480	43		B	3	58	
25A7	25.0	HS5-3486	50		B	3	45	Pentode sect.
25A7	25.0	HS0-6013	0	57	A	7	40	Rectifier sect.
25A C5	25.0	HS5-3080	0		B	3	38	
25A V5	25.0	HS1-5830	50		C	3	49	
25B5	25.0	GR4-2350	0		B	3	63	
25B6	25.0	HS5-3480	52		C	3	50	
25B8	25.0	HS0-3410	22		B	3	50	Pentode sect.
25B8	25.0	HS8-5060	10		B	3	38	Cap connects to grid.
25BK5	25.0	EV3-1860	0		D	3	28	Triode sect.
25BQ6	25.0	HS5-0480	50		C	3	56	Cap connects to plate.
25C6	25.0	HS5-3480	33		D	3	30	
25D8	25.0	HS0-3410	18		B	3	48	Pentode sect.
25D8	25.0	HS5-6010	0		B	3	28	Cap connects to grid.
25D8	25.0	HS5-8010	0	33	A	2	40	Triode sect.
25L6	25.0	HS5-3481	10		D	#	45	Diode sect.
# Hold Down Push Button 2—Diode and Press Push Button 3— Mut. Cond.								
25N6	25.0	HS5-3480	0		B	3	63	
25T	6.3	ER3-0000	0		B	3	25	Cap connects to plate.
25W4	25.0	HY0-5030	0	63	A	7	40	

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
25W6	25.0	HS5-3480	56	-----	C	3	38	
25Y5	25.0	GR0-5040	0	33	A	7	40	Plate No. 1.
25Y5	25.0	GR0-2030	0	33	A	7	40	Plate No. 2.
25Z5	25.0	GR0-5040	0	60	A	7	40	Plate No. 1.
25Z5	25.0	GR0-2030	0	60	A	7	40	Plate No. 2
25Z5MG	25.0	HS0-5080	0	60	A	7	40	Plate No. 1.
25Z5MG	25.0	HS0-3040	0	60	A	7	40	Plate No. 2.
25Z6	25.0	HS0-5081	0	60	A	7	40	Plate No. 1.
25Z6	25.0	HS0-3041	0	60	A	7	40	Plate No. 2.
26	1.5	ER3-2000	43	-----	B	3	29	
26A6	25.0	ET1-5672	9	-----	C	3	50	
26A7	25.0	HW1-8523	11	-----	D	#	28	Pentode No. 1.
	# Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.							
26A7	25.0	HW3-4521	11	-----	D	#	28	Pentode No. 2.
	# Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.							
26BK6	25.0	ET1-7025	6	-----	B	3	32	Triode sect.
26BK6	25.0	ET0-6025	0	40	A	2	40	Diode No. 1.
26BK6	25.0	ET0-5027	0	40	A	2	40	Diode No. 2.
26C6	25.0	ET1-7020	18	-----	B	3	48	Triode sect.
26C6	25.0	ET1-6020	0	14	A	2	40	Diode No. 1.
26C6	25.0	ET1-5020	0	14	A	2	40	Diode No. 2.
26D6	25.0	ET7-5621						Short Test Only
26D6	25.0	ET1-6027	17	-----	D	3	36	
26Z5W	25.0	EV0-6080	0	50	A	7	40	Plate No. 1.
26Z5W	25.0	EV0-1030	0	50	A	7	40	Plate No. 2.
27	2.5	FR3-2040	41	-----	B	3	25	
27S	2.5	FR3-2040	41	-----	B	3	25	
28D7	25.0	JR7-5362	20	-----	D	#	17	Pentode No. 1.
	# Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.							
28D7	25.0	JR2-4367	20	-----	D	#	17	Pentode No. 2.
	# Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.							
30	2.0	ER3-2000	40	-----	B	3	23	
31	2.0	ER3-2000	65	-----	B	3	23	
32	2.0	ER0-2300	19	-----	B	#	16	Cap connects to grid.
	# Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.							
32L7	35.0	HS5-3480	34	-----	C	3	60	Amplifier sect.
32L7	35.0	HS0-6013	0	60	A	7	40	Rectifier sect.
33	2.0	FR3-2400	35	-----	B	3	36	
RK33	6.3	HR4-5060	38	-----	B	3	34	Triode No. 1.
RK33	6.3	HR0-3020	38	-----	B	3	34	Triode No. 2.
	Cap connects to grid.							
34	2.0	ER0-2300	17	-----	B	#	15	Cap connects to grid.
	# Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.							
RK34	6.3	HR3-0040	18	-----	C	3	33	Triode No. 1. Right cap connects to plate.
RK34	6.3	HR5-0040	18	-----	C	3	33	Triode No. 2. Left cap connects to plate.
35	2.5	FR0-2340	24	-----	B	3	26	Cap connects to grid.
35A5	35.0	JR6-2370	33	-----	D	3	30	

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<i>Tube type</i>	<i>FL</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
35B5	35.0	ET1-5620	32	-----	D	3	23	
35C5	35.0	ET2-7610	32	-----	D	3	23	
35L6	35.0	HS5-3480	33	-----	D	3	30	
35W4	BLST	ET0-1670	-----	-----	-----	-----	-----	Short on 1, 2, 3, 4, and 5.
35W4	35.0	ET0-5070	0	65	A	7	40	Rectifier sect.
35Y4	BLST	JR0-2470	-----	-----	-----	-----	-----	Short on 1, 2, 3, 4, and 5.
35Y4	35.0	JR0-2070	0	65	A	7	40	Rectifier sect.
35Z3	35.0	JR0-2070	0	65	A	7	40	
35Z4	35.0	HS0-5080	0	65	A	7	40	
35Z5	BLST	HS0-5380	-----	-----	-----	-----	-----	Short on 1, 2, 3, 4, and 5.
35Z5	35.0	HS0-5080	0	65	A	7	40	Rectifier sect.
35Z6	35.0	HS0-5080	0	65	A	7	40	Plate No. 1.
35Z6	35.0	HS0-3040	0	65	A	7	40	Plate No. 2.
36	6.3	FR0-2340	24	-----	B	3	26	Cap connects to grid.
37	6.3	FR3-2040	41	-----	B	3	23	
38	6.3	FR0-2340	39	-----	B	3	26	Cap connects to grid.
39/44	6.3	FR0-2340	28	-----	B	3	25	Cap connects to grid.
T40	7.5	ER3-0000	0	-----	B	3	30	Cap connects to plate.
40	5.0	ER3-2000	32	-----	B	3	5	
40Z5	BLST	HS0-5380	-----	-----	-----	-----	-----	Short on 1, 2, 3, 4, and 5.
40Z5	50.0	HS0-5080	0	65	A	7	40	
41	6.3	GR4-2350	34	-----	B	3	40	
42	6.3	GR4-2350	29	-----	B	3	50	
43	25.0	GR4-2350	43	-----	B	3	58	
45	2.5	ER3-2000	61	-----	B	3	47	
45Z3	50.0	HR0-2040	0	58	A	7	40	
45Z5	BLST	HS0-5380	-----	-----	-----	-----	-----	Short on 1, 2, 3, 4, and 5.
45Z5	50.0	HS0-5080	0	65	A	7	40	Rectifier sect.
46	2.5	FR3-2400	30	-----	B	3	50	
47	2.5	FR3-2400	22	-----	B	3	50	
48	25.0	GR4-2350	58	-----	B	3	50	
49	2.0	FR3-2400	49	-----	B	3	28	
50	7.5	ER3-2000	61	-----	B	3	38	
50A5	50.0	JR6-2370	10	-----	D	#	45	
		# Hold Down Push Button 2-			Diode and Press Push Button 3-			Mut. Cond.
50B5	50.0	ET1-5620	10	-----	D	#	45	
		# Hold Down Push Button 2-			Diode and Press Push Button 3-			Mut. Cond.
50C5	50.0	ET2-7610	10	-----	D	#	45	
		# Hold Down Push Button 2-			Diode and Press Push Button 3-			Mut. Cond.
50C6	50.0	HS5-3481	33	-----	D	3	30	
50L6	50.0	HS5-3480	10	-----	D	#	45	
		# Hold Down Push Button 2-			Diode and Press Push Button 3-			Mut. Cond.
50X6	50.0	JR0-6075	0	60	A	7	40	Plate No. 1.
50X6	50.0	JR0-3025	0	60	A	7	40	Plate No. 2.
50Y6	50.0	HS0-5080	0	60	A	7	40	Plate No. 1.
50Y6	50.0	HS0-3040	0	60	A	7	40	Plate No. 2.
50Y7	BLST	HS0-0600	-----	-----	-----	-----	-----	Short on 1, 2, 3, 4, and 5.
50Y7	50.0	HS0-5080	0	60	A	7	40	Plate No. 1.
50Y7	50.0	HS0-3040	0	60	A	7	40	Plate No. 2.

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<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
50Z7	BLST	HS0-0600						Short on 1, 2, 3, 4, and 5.
50Z7	50.0	HS0-5080	0	60	A	7	40	Plate No. 1.
50Z7	50.0	HS0-3040	0	60	A	7	40	Plate No. 2.
HD51	BLST	AP0-1020	0	32	A	4	40	Short on 1, 2, 3, 4, and 5.
51/51S	2.5	FR0-2340	24		B	3	26	Cap connects to grid.
52	6.3	FR3-2400	33		C	3	30	
53	2.5	HR5-6042	12		B	3	38	Triode No. 1.
53	2.5	HR3-2046	12		B	3	38	Triode No. 2.
55	2.5	GR0-2050	39		B	3	24	Triode sect. Cap connects to grid.
55	2.5	GR0-4050	0	14	A	2	40	Diode No. 1.
55	2.5	GR0-3050	0	14	A	2	40	Diode No. 2.
56	2.5	FR3-2040	29		B	3	37	
57	2.5	GR0-2354	21		B	3	31	Cap connects to grid No. 1.
57A	6.3	GR0-2354	21		B	3	31	Cap connects to grid.
58	2.5	GR0-2354	24		B	3	36	Cap connects to grid No. 1.
58A/58AS	6.3	GR0-2354	24		B	3	36	Cap connects to grid.
59	2.5	HR1-2365	22		B	3	50	
HY65	6.3	HS5-0408	0		C	3	38	Cap connects to plate.
VT67	2.0	ER3-2000	40		B	3	23	
HY69	6.3	FR3-0240	0		C	3	38	Cap connects to plate.
70A7	75.0	HS5-3480	50		C	3	38	Pentode sect.
70A7	75.0	HS0-1000	0	65	A	#	40	Rectifier sect.
		# Hold Down Push Button 8—Meter Rev. and Press Push Button 7—Rect.						
70L7	75.0	HS5-3460	41		C	3	63	Pentode sect.
70L7	75.0	HS0-8013	0	65	A	7	40	Rectifier sect.
71A	5.0	ER3-2000	73		B	3	42	
72	2.5	ER0-0000	0	80	A	4	40	Cap connects to plate.
75	6.3	GR0-2050	11		B	3	19	Triode sect. Cap connects to grid.
75	6.3	GR0-4052	0	14	A	2	40	Diode No. 1.
75	6.3	GR0-3052	0	14	A	2	40	Diode No. 2.
75MG	6.3	HS0-4080	11		B	3	19	Triode sect. Cap connects to grid.
75MG	6.3	HS0-5080	0	14	A	2	40	Diode No. 1.
75MG	6.3	HS0-6080	0	14	A	2	40	Diode No. 2.
76	6.3	FR3-2040	29		B	3	36	
77	6.3	GR0-2354	21		B	3	31	Cap connects to grid.
78	6.3	GR0-2354	24		B	3	36	Cap connects to grid No. 1.
79	6.3	GR0-5040	15		B	3	25	Triode No. 1. Cap connects to grid
79	6.3	GR3-2040	15		B	3	25	Triode No. 2.
80	5.0	ER0-3000	0	0	A	7	40	Plate No. 1.
80	5.0	ER0-2000	0	0	A	7	40	Plate No. 2.
81	7.5	ER0-2000	0	40	A	6	40	
82	2.5	ER0-3000	0	70	A	7	40	Plate No. 1.



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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
82	2.5	ER0-2000	0	70	A	7	40	Plate No. 2.
83	5.0	ER0-3000	0	66	A	7	40	Plate No. 1.
83	5.0	ER0-2000	0	63	A	7	40	Plate No. 2.
83V	5.0	ER0-3000	0	60	A	7	40	Plate No. 1.
83V	5.0	ER0-2000	0	60	A	7	40	Plate No. 2.
84	6.3	FR0-3040	0	46	A	7	40	Plate No. 1.
84	6.3	FR0-2040	0	46	A	7	40	Plate No. 2.
85	6.3	GR0-2050	39	.....	B	3	25	Triode sect. Cap connects to grid.
85	6.3	GR0-4052	0	14	A	2	40	Diode No. 1.
85	6.3	GR0-3052	0	14	A	2	40	Diode No. 2.
85AS	6.3	GR0-2050	28	.....	B	3	28	Triode sect. Cap connects to grid.
85AS	6.3	GR0-4052	0	14	A	2	40	Diode No. 1.
85AS	6.3	GR0-3052	0	14	A	2	40	Diode No. 2.
89/89Y	6.3	GR0-2354	37	.....	B	3	39	Cap connects to grid.
99	3.0	ER3-2000	55	.....	B	3	11	
101D	4.3	ER3-2000	55	.....	B	3	28	
101F	4.3	ER3-2000	53	.....	B	3	28	
102D	2.0	ER3-2000	25	.....	B	3	13	
102F	2.0	ER3-2000	25	.....	B	3	14	
104D	4.3	ER3-2000	75	.....	B	3	28	
CK108	6.3	GR0-2354	21	.....	B	3	31	Cap connects to grid.
112A	5.0	ER3-2000	44	.....	B	3	42	
CK113	50.0	HS5-3486	48	.....	B	3	45	Pentode sect.
CK113	50.0	HS0-6010	0	57	A	7	40	Rectifier sect.
HY114	1.5	HS0-0000	19	.....	B	3	28	Right cap connects to plate. Left cap connects to grid.
117L7	117.0	HS4-3580	37	.....	C	3	50	Pentode sect.
117L7	117.0	HS0-6010	0	65	A	7	40	Rectifier sect.
117M7	117.0	HS4-3580	37	.....	C	3	50	Pentode sect.
117M7	117.0	HS0-6010	0	65	A	7	40	Rectifier sect.
117N7	117.0	HS4-3560	37	.....	D	3	25	Pentode sect.
117N7	117.0	HS0-8000	0	71	A	#	40	Rectifier sect.
		# Hold Down Push Button 8—Meter Rev. and Press Push Button 7—Rect.						
117P7	117.0	HS4-3560	37	.....	C	3	50	Pentode sect.
117P7	117.0	HS0-8000	0	71	A	#	40	Rectifier sect.
		# Hold Down Push Button 8—Meter Rev. and Press Push Button 7—Rect.						
117Z3	117.0	ET0-5060	0	65	A	7	40	
117Z4	117.0	HS0-5080	0	65	A	7	40	
117Z6	117.0	HS0-5080	0	65	A	7	40	Plate No. 1.
117Z6	117.0	HS0-3040	0	65	A	7	40	Plate No. 2.
C182	5.0	ER3-2000	83	.....	B	3	25	
C182A	5.0	ER3-2000	79	.....	B	3	38	
182B	5.0	ER3-2000	58	.....	B	3	38	
183	5.0	ER3-2000	79	.....	B	3	38	
205F	5.0	ER3-2000	34	.....	B	3	37	
231D	3.0	ER3-2000	49	.....	B	3	14	

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<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
244A	2.0	FR3-2040	42	-----	B	3	23	
245A	2.0	FR0-2340	55	-----	B	3	18	Cap connects to grid.
247A	2.0	FR3-2040	33	-----	B	3	23	
TS251	50.0	HS5-3486	50	-----	B	3	45	Pentode sect.
TS251	50.0	HS0-6013	0	57	A	7	40	Rectifier sect.
257A	3.0	ER0-2000	49	-----	B	3	14	Cap connects to grid.
259A	2.0	FR0-2340	33	-----	B	3	28	Cap connects to grid.
262B	10.0	ER0-2030	31	-----	B	3	25	Cap connects to grid.
264B	1.5	ER3-2000	49	-----	B	3	14	
264C	1.5	ER3-2000	54	-----	B	3	14	
271A	5.0	FR3-2040	32	-----	C	3	36	
272A	10.0	FR3-2040	51	-----	B	3	24	
274A	5.0	ER0-2000	0	26	A	7	40	Plate No. 1.
274A	5.0	ER0-3000	0	26	A	7	40	Plate No. 2.
274B	5.0	JS0-6000	0	26	A	7	40	Plate No. 1.
274B	5.0	JS0-4000	0	26	A	7	40	Plate No. 2.
275A	5.0	ER3-2000	68	-----	C	3	34	
283A	2.0	FR0-2340	28	-----	B	3	25	Cap connects to grid.
285A	2.0	FR0-2304	40	-----	B	3	23	Cap connects to grid.
286A	2.0	GR0-2354	31	-----	B	3	23	Cap connects to grid.
290A	10.0	GR0-2354	31	-----	B	3	26	Cap connects to grid.
291A	10.0	HR5-3462	44	-----	B	3	25	Cap connects to grid.
292A	10.0	GR0-2050	36	-----	B	3	16	Triode sect. Cap connects to grid.
292A	10.0	GR0-4052	0	28	A	2	40	Diode No. 1.
292A	10.0	GR0-3052	0	28	A	2	40	Diode No. 2.
293A	10.0	GR4-2350	43	-----	B	3	26	
294A	10.0	FR0-2340	43	-----	B	3	26	Cap connects to grid.
300B	5.0	ER3-2000	60	-----	C	3	58	
303A	2.0	GR0-2050	36	-----	B	3	16	Triode sect. Cap connects to grid.
303A	2.0	GR0-4052	0	0	A	2	40	Diode No. 1.
303A	2.0	GR0-3052	0	0	A	2	40	Diode No. 1.
307A	5.0	FR3-0204	32	-----	B	3	64	Cap connects to plate.
309A	10.0	FR0-2340	31	-----	B	3	23	Cap connects to grid.
310A	10.0	GR0-2354	26	-----	B	3	30	Cap connects to grid.
310B	10.0	GR0-2354	26	-----	B	3	30	Cap connects to grid.
311A	10.0	FR0-2340	38	-----	C	3	30	Cap connects to grid.
313CA	-----	AP4-2010	0	80	A	4	40	
328A	7.5	GR0-2354	16	-----	B	3	44	Cap connects to grid.
329A	7.5	FR0-2340	38	-----	C	3	31	Cap connects to grid.
336A	10.0	GR4-2350	10	-----	D	3	16	
337A	10.0	GR0-2354	30	-----	B	3	21	Cap connects to grid.
339A	5.0	FR3-0240	0	-----	C	3	40	Cap connects to plate.
347A	6.3	HS0-4080	30	-----	B	3	23	Cap connects to grid.
348A	6.3	HS0-3485	13	-----	B	3	45	Cap connects to grid.
349A	6.3	HS5-3480	10	-----	D	3	20	
350A	6.3	FR3-0240	21	-----	D	3	32	Cap connects to plate.
350B	6.3	HS5-3480	25	-----	D	3	31	

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<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
351A	6.3	HS0-5081	0	55	A	7	40	Plate No. 1.
351A	6.3	HS0-3081	0	55	A	7	40	Plate No. 2.
352A	10.0	GR0-2050	36		B	3	16	Triode sect. Cap connects to grid.
352A	10.0	GR0-4050	0	28	A	2	40	Diode No. 1.
352A	10.0	GR0-3050	0	28	A	2	40	Diode No. 2.
367A	6.3	HV6-2480	28		D	3	30	
373A	2.0	HS4-8603	13		B	3	25	
374A	3.0	HS4-8603	40		D	3	14	
375A	20.0	HS5-3480	53		C	3	47	
381A	6.3	JS0-5010	0	49	A	2	40	Diode.
383A	6.3	JS4-6010	25		D	3	14	
385A	6.3	JS5-0318	15		D	3	12	Cap connects to plate.
387A	6.3	JS5-0318	15		D	3	16	Cap connects to plate.
393A	3.0	JR4-0000	#	90	A	4	40	Cap connects to plate.
		# Should Strike Between Settings 36 and 26 of the Bias Dial.						
396A	6.3	KR7-6082	17		D	3	26	Triode No. 1.
396A	6.3	KR3-4028	17		D	3	26	Triode No. 2.
398A	6.3	HS4-8603	35		D	3	27	
399A	1.1	BX6-2300	9		B	#	18	
		# Hold Down Push Button 2 - Diode and Press Push Button 3 - Mut. Cond.						
400A	1.1	BX4-3062	50		B	3	25	
401A	6.3	ET1-5670	12		B	#	50	
		# Hold Down Push Button 2 - Diode and Press Push Button 3 - Mut. Cond.						
403A	6.3	ET1-5620	10		D	3	22	
403B	6.3	ET1-5620	10		D	3	21	
409A	6.3	ET1-5627	14		B	3	44	
412A	6.3	EV0-9070	0	59	A	7	40	Plate No. 1.
412A	6.3	EV0-1030	0	59	A	7	40	Plate No. 2.
420	2.5	ER0-3000	0	70	A	47	40	Plate No. 1.
420	2.5	ER0-2000	0	70	A	7	40	Plate No. 2.
420A	12.6	EV6-8073	0		B	3	25	Triode No. 1.
420A	12.6	EV3-1026	0		B	3	25	Triode No. 2.
421A	6.3	HY4-5062	63		D	3	40	Triode No. 1.
421A	6.3	HY1-2035	63		D	3	40	Triode No. 2.
422A	5.0	JS0-6000	0	63	A	7	40	Plate No. 1.
422A	5.0	JS0-4000	0	63	A	7	40	Plate No. 2.
446A	6.3	HS0-0080	0		C	3	30	Cap connects to plate. Ring connects to grid.
482A	5.0	ER3-2000	79		B	3	38	
482B	5.0	ER3-2000	57		B	3	38	
483	5.0	ER3-2000	79		B	3	34	
484	3.0	FR3-2040	37		B	3	33	
484A	3.0	FR3-2040	37		B	3	33	
485	3.0	FR3-2040	37		B	3	33	
486	3.0	FR3-2040	43		B	3	11	
GL502	6.3	HS5-3680	#	62	A	7	40	
		# Should Strike Between Settings 80 and 70 of the Bias Dial.						

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
CK502AX	1.1	DV4-1200	18	-----	B	#	15	
		# Hold Down Push Button 2			Diode and Press Push Button 3			Mut. Cond.
CK503AX	1.1	DV4-1200	30	-----	B	#	6	
		# Hold Down Push Button 2			Diode and Press Push Button 3			Mut. Cond.
CK505AX	0.6	DV4-1200	0	-----	B	#	4	
		# Hold Down Push Button 2			Diode and Press Push Button 3			Mut. Cond.
CK506AX	1.1	DV4-1200	33	-----	B	#	13	
		# Hold Down Push Button 2			Diode and Press Push Button 3			Mut. Cond.
CK510AX	0.6	EX1-2300	0	0	A	4	4	Section No. 1.
CK510AX	0.6	EX6-5300	0	0	A	4	4	Section No. 2.
CK512AX	0.6	DV4-1200	30	0	A	4	20	
CK518AX	1.1	DV4-1200	45	0	A	4	40	
CK522AX	1.1	DV4-1200	38	0	A	4	40	
CK523AX	1.1	DV4-1200	47	0	A	4	40	
CK524AX	1.1	DV4-1200	76	0	A	4	40	
CK525AX	1.1	DV4-1200	48	0	A	4	40	
CK526AX	1.1	DV4-1200	59	0	A	4	40	
CK527AX	1.1	DV4-1200	32	0	A	4	20	
CK528AX	1.1	DV4-1200	37	0	A	4	40	
CK529AX	1.1	DV4-1200	67	0	A	4	40	
CK543DX	0.6	DV4-2100	0	0	A	2	15	
CK544DX	1.1	DV4-1200	30	0	A	4	20	
GL546	6.3	ET1-7520	#	60	A	7	40	
		#Should Strike Between Settings 80 and 70 of the Bias Dial.						
CK551AX	1.1	EW5-1200	20	-----	B	#	10	Pentode sect.
		#Hold Down Push Button 2			Diode and Press Push Button 3			Mut. Cond.
CK551AX	1.1	EW0-3000	0	0	A	2	6	Diode sect.
CK553AX	1.1	DV4-1200	0	-----	B	#	10	
		#Hold Down Push Button 2			Diode and Press Push Button 3			Mut. Cond.
CK556AX	1.1	ES3-1000	37	-----	B	3	25	
559	6.3	HS0-0080	0	63	A	2	40	Diode. Cap connects to plate.
CK568AX	1.1	ES3-1000	40	-----	B	3	11	
CK569AX	1.1	DV4-1200	24	-----	B	3	19	
CK571AX	1.1	DU7-1200	92	-----	B	3	4	
CK573AX	1.1	CU3-1000	34	-----	B	3	50	
CK574AX	0.6	DV4-2100	0	0	A	2	11	
CK605CX	6.3	DU7-1265	10	-----	D	3	22	
CK606BX	6.3	CT0-1040	0	69	A	2	40	Diode.
CK608CX	6.3	DU5-1060	20	-----	D	3	25	
CK619CX	6.3	CT4-1050	5	-----	D	3	20	
629	2.5	FR3-2040	#	87	A	4	40	
		#Should Strike Between Settings 37 and 27 of the Bias Dial.						
713A	6.3	HS4-8630	0	-----	C	3	44	
717A	6.3	HS4-8630	0	-----	C	3	44	
801A	7.5	ER3-2000	0	-----	B	3	38	
802A	6.3	HR4-0365	22	-----	B	3	50	Cap connects to plate.
807	6.3	FR3-0240	33	-----	C	3	48	Cap connects to plate.
809	6.3	ER3-0000	0	-----	B	3	42	Cap connects to plate.

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
811	6.3	ER3-0000	0	-----	B	3	36	Cap connects to plate.
812	6.3	ER3-0000	0	-----	B	3	56	Cap connects to plate.
814	10.0	FR3-0240	0	-----	C	3	38	Cap connects to plate.
815	6.3	BV2-0437	31	-----	C	3	50	Pentode No. 1. Right cap connects to plate.
815	6.3	JV7-0432	31	-----	C	3	50	Pentode No. 2. Left cap connects to plate. Short on 3.
816	2.5	ER0-0000	0	69	A	7	40	Cap connects to plate.
SD828A★	6.3	EW3-1520	18	-----	D	3	16	E basing.
SD828E★	6.3	EW3-0512	17	-----	D	3	15	E basing. Top lead connects to plate.
829B	6.3	HS4-5613	0	-----	D	3	20	Plate No. 1.
					Use Adapter E 105			
829B	6.3	HS4-8613	0	-----	D	3	20	Plate No. 2.
					Use Adapter E 105			
832A	6.3	HS4-5613	0	-----	C	3	44	Plate No. 1.
					Use Adapter E 105			
832A	6.3	HS4-8613	0	-----	C	3	44	Plate No. 2.
					Use Adapter E 105			
834	7.5	ER0-0000	0	-----	B	3	46	Near Cap connects to grid. Far Cap connects to plate.
836	3.0	ER0-0000	0	56	A	7	40	Cap connects to plate.
837	12.6	HR4-0365	0	-----	C	3	50	Cap connects to plate.
841	7.5	ER3-2000	0	-----	B	3	25	
842	7.5	ER3-2000	61	-----	B	3	30	
843	2.5	FR3-2040	12	-----	B	3	42	
864	1.1	ER3-2000	45	-----	B	3	16	
865	7.5	ER3-0200	34	-----	B	3	16	Cap connects to plate.
866A	3.0	ER0-0000	0	67	A	7	40	Cap connects to plate.
871	2.5	ER0-0000	0	65	A	7	40	Cap connects to plate.
874	-----	AP0-3010	0	53	A	4	40	
879	2.5	FR0-0000	0	78	A	4	40	Cap connects to plate.
884	6.3	HS5-3080	#	90	A	4	40	
					#Should Strike Between Settings 82 and 72 of the Bias Dial.			
885	2.5	FR3-2040	#	90	A	4	40	
					#Should Strike Between Settings 82 and 72 of the Bias Dial.			
SD917A★	6.3	DU2-1050	31	-----	B	3	12	C basing.
SN944★	6.3	EW3-0512	26	-----	B	3	33	E basing. Top lead connects to plate.
SN946★	6.3	CT0-1040	0	70	A	2	40	A basing. Diode.
SN947C★	6.3	CU6-1350	54	-----	C	3	38	E basing.
SN947D★	6.3	DW1-5780	54	-----	C	3	38	F basing.
SN949C★	6.3	DW7-1250	#	58	A	7	40	F basing.
					#Should Strike Between Settings 80 and 70 of the Bias Dial.			

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
950	2.0	FR3-2400	45	-----	B	3	24	
951	2.0	ER0-2300	18	-----	B	#	16	Cap connects to grid.
#Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.								
SN953D★	6.3	DW1-5720	25	-----	D	3	21	F basing.
954	6.3	GR8-0374	21	-----	B	3	28	Cap connects to plate.
SN954★	6.3	ES0-1030	0	40	A	7	40	B basing.
SN954B★	6.3	DW0-2050	0	40	A	7	40	F basing.
955	6.3	GR4-3070	22	-----	B	3	48	
SN955B★	6.3	DW1-7084	28	-----	B	3	33	F basing. Triode No. 1.
SN955B★	6.3	DW2-5084	28	-----	B	3	33	F basing. Triode No. 2.
956	6.3	GR8-0374	17	-----	B	3	38	Cap connects to plate.
SN956B	1.1	BS0-0000	0	0	A	7	4	Top lead connects to plate.
957	1.5	GR4-3000	28	-----	B	3	16	
SN957A★	6.3	FT4-1020	36	-----	B	3	30	D basing.
958	1.5	GR4-3000	41	-----	B	3	30	
959	1.5	GR8-0300	25	-----	B	#	15	Cap connects to plate.
#Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.								
SN972D★	6.3	DW1-5740	21	-----	B	3	50	F basing.
SN973B★	6.3	GT1-5740	22	-----	C	3	31	F basing.
SN976C★	6.3	DW1-5740	49	-----	C	3	50	F basing.
SD993C★	6.3	DW1-8050	20	-----	D	3	29	F basing.
SD995B★	6.3	DW1-5740	21	-----	B	3	50	F basing.
FM1000	6.3	JR2-4536	12	-----	B	3	38	Grid No. 1.
FM1000	6.3	JR6-4532	12	-----	B	3	38	Grid No. 2.
1003	-----	HS0-5080	0	70	A	6	40	Plate No. 1.
Hold Down Push Button 6--0Z4 for 5 Seconds.								
1003	-----	HS0-3080	0	70	A	6	40	Plate No. 2.
Hold Down Push Button 6--0Z4 for 5 Seconds.								
CK1005	6.3	GY0-3050	0	89	A	4	40	Plate No. 1.
CK1005	6.3	GY0-5030	0	89	A	4	40	Plate No. 2.
SN1006★	6.3	FT4-1020	28	-----	B	3	12	D basing.
1007	1.1	HY0-3010	0	48	A	6	40	Plate No. 1.
1007	1.1	HY0-5010	0	48	A	6	40	Plate No. 2.
CK1027	-----	AP0-4070	0	83	A	4	40	Cap connects to plate.
CK1042	-----	AP0-1050	0	35	A	6	40	
E1148	6.3	HS0-0080	14	-----	B	3	56	Right Cap connects to plate. Left Cap connects to grid.
1201	6.3	JS1-3040	15	-----	B	3	38	
1203	6.3	JR0-4070	0	52	A	2	40	Diode.
1204	6.3	HS5-3140	10	-----	B	3	46	
1206	6.3	JR5-7362	10	-----	B	3	53	Tetrode No. 1.
1206	6.3	JR4-2367	10	-----	B	3	53	Tetrode No. 2.
1229	2.0	ER0-2300	19	-----	B	#	16	Cap connects to grid.
# Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.								

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Tube type	Fil	Selectors	Bias	Skunt	Range	Press	Min. value	Notations
1230	2.0	ER3-2000	40	-----	B	3	23	
1231	6.3	JR6-2374	0	-----	C	3	32	
1232	6.3	JR6-2374	18	-----	B	3	50	
1237	2.5	HS0-3000	0	76	A	7	40	Plate No. 1.
1237	2.5	HS0-6000	0	76	A	7	40	Short on 1, 2, 3, 4, and 5. Plate No. 2.
1247★	0.6	EV0-0000	0	0	A	2	40	Short on 1, 2, 3, 4, and 5. F basing.
HY1269	12.6	FR3-0240	0	-----	C	3	50	Top lead connects to plate. Cap connects to plate. Short on 3.
1273	6.3	JR6-2374	11	-----	B	3	58	
1274	6.3	HS0-5083	0	42	A	7	40	Plate No. 1.
1274	6.3	HS0-3085	0	42	A	7	40	Plate No. 2.
1280	12.6	JR6-2374	22	-----	B	3	33	
1282	6.3	JR6-2375	10	-----	D	3	18	
1284	12.6	JR6-2374	28	-----	B	3	50	
1285	25.0	HS5-3480	36	-----	D	3	29	
1291	2.5	JR6-7000	12	-----	B	3	38	Triode No. 1.
1291	2.5	JR3-2000	25	-----	B	3	38	Triode No. 2.
1293	1.5	JR6-2000	30	-----	B	3	33	
1294	1.5	JR0-4070	0	27	A	2	40	Diode.
1299	2.5	JR6-2300	37	-----	B	3	52	
SR1553D	6.3	ET2-1050	0	-----	D	3	38	
1602	7.5	ER3-2000	39	-----	B	3	32	
1603	6.3	GR0-2354	21	-----	B	3	31	Cap connects to grid.
1609	1.1	FR3-2400	0	-----	B	#	18	
1610	2.5	FR3-2400	22	-----	B	3	50	# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.
1611	6.3	HS5-3481	29	-----	B	3	50	
1612	6.3	HS0-3485	23	-----	B	3	16	Cap Grid. Cap connects to grid.
1612	6.3	HS5-3481	27	-----	B	3	16	Pin grid.
1613	6.3	HS5-3480	0	-----	B	3	56	
1614	6.3	HS5-3481	23	-----	D	3	25	
1616	3.0	ER0-0000	0	46	A	6	40	Cap connects to plate.
1619	2.5	HS5-3408	12	-----	C	3	43	
1620	6.3	HS0-3485	22	-----	B	3	31	Cap connects to grid.
1621	6.3	HS5-3480	29	-----	B	3	50	
1622	6.3	HS5-3480	23	-----	D	3	25	
1623	6.3	ER3-0000	0	-----	B	3	56	Cap connects to plate.
1624	2.5	FR3-0200	17	-----	C	3	50	Cap connects to plate.
1625	12.6	HR4-0360	33	-----	C	3	40	Cap connects to plate.
1626	12.6	HS5-3080	52	-----	B	3	53	
1629	12.6	HS5-4080	0	100	A	3	-----	Eye open.
1629	12.6	HS5-4380	0	100	A	3	-----	Eye closed.
1631	12.6	HS5-3481	23	-----	D	3	25	

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Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Mfn. value	Notations
1632	12.6	HS5-3480	10	-----	D	#	45	
	# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.							
1633	25.0	HY4-5060	23	-----	B	3	50	Triode No. 1.
1633	25.0	HY1-2030	23	-----	B	3	50	Triode No. 2.
1634	12.6	HY4-5061	0	-----	B	3	25	Triode No. 1.
1634	12.6	HY3-2061	0	-----	B	3	25	Triode No. 2.
1635	6.3	HS4-3080	0	-----	B	3	22	Triode No. 1.
1635	6.3	HS5-6080	0	-----	B	3	22	Triode No. 2.
1642	6.3	HR4-5060	38	-----	B	3	34	Triode No. 1.
1642	6.3	HR0-3020	38	-----	B	3	34	Triode No. 2.
	Cap connects to grid.							
1644	12.6	HW1-8523	10	-----	B	3	54	Pentode No. 1.
1644	12.6	HW3-4521	10	-----	B	3	54	Pentode No. 2.
1650	6.3	GR4-3070	22	-----	B	3	48	
1654	1.5	BX0-0000	0	56	A	4	32	Cap connects to plate.
1655	6.3	HY4-5062	0	-----	B	3	25	Triode No. 1.
1655	6.3	HY3-2065	0	-----	B	3	25	Triode No. 2.
1657	6.3	HS5-3068	#	90	A	4	40	
	# Should Strike Between Settings 43 and 33 of the Bias Dial.							
1658	2.0	ER3-2000	40	-----	B	3	23	
1659	2.5	GR0-2050	11	-----	B	3	19	Triode sect.
	Cap connects to grid.							
1659	2.5	GR0-4050	0	14	A	2	40	Diode No. 1.
1659	2.5	GR0-3050	0	14	A	2	40	Diode No. 2.
1662	2.5	BX4-2300	33	-----	B	3	50	
1851	6.3	HS0-3485	10	-----	D	3	25	Cap connects to grid.
1852	6.3	HS4-8653	10	-----	D	3	30	
1853	6.3	HS4-8653	0	-----	C	3	44	
2050	6.3	HS5-3068	#	90	A	4	40	
	# Should Strike Between Settings 43 and 33 of the Bias Dial.							
2051	6.3	HS5-3068	#	90	A	4	40	
	# Should Strike Between Settings 43 and 33 of the Bias Dial.							
5516	6.3	HS5-0310	20	-----	C	3	50	Cap connects to plate. Short on 3.
5517	BLST	APO-4070	0	44	A	6	40	Cap connects to plate.
5556	4.3	ER3-2000	26	-----	B	3	25	
5590	6.3	ET1-5670	12	-----	B	#	50	
	# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.							
5591	6.3	ET1-5620	10	-----	D	3	21	
5603	6.3	HS4-8603	35	-----	D	3	27	
5608A	2.5	HR5-6042	12	-----	B	3	38	Triode No. 1.
5608A	2.5	HR3-2046	12	-----	B	3	38	Triode No. 2.
5610	6.3	ET6-1020	27	-----	C	3	50	
5618	6.3	BX6-2340	24	-----	C	3	38	
5633★	6.3	EW3-0512	26	-----	B	3	33	E basing. Top lead connects to plate.
5634★	6.3	EW3-0512	17	-----	D	3	15	E basing. Top lead connects to plate.



TB 11-5083-1/TO 16-35TV7-5

Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
5635★	6.3	DW1-7084	28	-----	B	3	33	F basing. Triode No. 1.
5635★	6.3	DW2-5084	28	-----	B	3	33	F basing. Triode No. 2.
5637★	6.3	DU2-1050	31	-----	B	3	12	C basing.
5638★	6.3	EW3-1520	18	-----	D	3	16	E basing.
5639★	6.3	DW1-5720	25	-----	D	3	21	F basing.
5640★	6.3	DW1-5780	54	-----	C	3	38	F basing.
5641★	6.3	DW0-2050	0	40	A	7	40	B basing.
5642	1.1	BS0-0000	0	0	A	7	4	Top lead connects to plate.
5643★	6.3	DW7-1250	#	58	A	7	40	F basing. # Should Strike Between Settings 80 and 70 of the Bias Dial.
5645★	6.3	FT4-1020	36	-----	B	3	30	D basing.
5646★	6.3	FT4-1020	28	-----	B	3	12	D basing.
5647★	6.3	CT0-1040	0	70	A	2	40	A basing. Diode.
5651	-----	AP0-1070	0	50	A	4	40	
5654	6.3	ET1-5620	10	-----	D	3	22	
5656	6.3	EV2-8193	0	-----	C	#	43	Tetrode No. 1.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
5656	6.3	EV3-7192	0	-----	C	#	43	Tetrode No. 2.
		# Hold Down Push Button 2—Diode and Press Push Button 3—Mut. Cond.						
5659	12.6	HS5-3480	22	-----	C	3	38	
5660	12.6	HS0-3680	8	-----	B	3	34	Pentode sect. Cap connects to grid.
5660	12.6	HS0-5680	0	23	A	2	40	Diode No. 1.
5660	12.6	HS0-4680	0	23	A	2	40	Diode No. 2.
5661	6.3	HS4-8653	21	-----	B	3	50	
5662	6.3	ET1-7050	#	90	A	4	40	
		# Should Strike Between Settings 40 and 30 of the Bias Dial.						
5663	6.3	ET1-7520	#	66	A	7	40	
		# Should Strike Between Settings 80 and 70 of the Bias Dial.						
5670	6.3	KR7-6080	17	-----	D	3	26	Triode No. 1.
5670	6.3	KR3-4020	17	-----	D	3	26	Triode No. 2.
5672	1.1	DV4-1200	50	-----	B	3	16	
5676	1.1	ES3-1000	37	-----	B	3	25	
5677	1.1	ES3-1000	40	-----	B	3	11	
5678	1.1	DV4-1200	24	-----	B	3	19	
5679	6.3	JR0-6075	0	60	A	2	40	Diode No. 1.
5679	6.3	JR0-3025	0	60	A	2	40	Diode No. 2.
5686	6.3	EV2-7630	18	-----	C	3	39	
5687	12.6	EV7-9061	23	-----	D	3	38	Triode No. 1.
5687	12.6	EV2-1039	23	-----	D	3	38	Triode No. 2.
5691	6.3	HY4-5062	0	-----	B	3	32	Triode No. 1.
5691	6.3	HY1-2035	0	-----	B	3	32	Triode No. 2.
5692	6.3	HY4-5062	23	-----	B	3	50	Triode No. 1.
5692	6.3	HY1-2035	23	-----	B	3	50	Triode No. 2.
5693	6.3	HS4-8653	22	-----	B	3	40	

TB 11-5083-1/TO 16-35TV7-5

Tube type	Fil	Selectors	Bias	Shunt	Range	Press	Min. value	Notations
5694	6.3	HS4-3010	0	-----	B	3	50	Triode No. 1.
5694	6.3	HS5-6080	0	-----	B	3	50	Triode No. 2.
5696	6.3	ET1-6025	#	68	A	7	40	
# Should Strike Between Settings 80 and 70 of the Bias Dial.								
5702	6.3	DU7-1265	10	-----	D	3	22	
5703	6.3	DU5-1060	20	-----	D	3	25	
5704	6.3	CT0-1040	0	69	A	2	40	Diode.
5718★	6.3	DW1-8057	22	-----	D	3	28	F basing.
5719★	6.3	ET1-8057	23	-----	B	3	20	F basing.
5725	6.3	ET1-5627	14	-----	B	3	44	
A5726	6.3	ET7-5621	20	-----	B	3	30	Amplifier sect.
A5726	6.3	ET1-5627	10	-----	B	3	38	Oscillator sect.
5726	6.3	ET0-7010	0	70	A	2	40	Diode No. 1.
5726	6.3	ET0-2050	0	70	A	2	40	Diode No. 2.
5727	6.3	ET1-6025	#	90	A	4	40	
# Should Strike Between Settings 40 and 30 of the Bias Dial.								
5731	6.3	GR4-3070	25	-----	B	3	38	
5732	6.3	HS0-3485	19	-----	B	3	36	Cap connects to grid.
5742	4.3	ER3-2000	10	-----	B	3	21	
5744	6.3	CT4-1050	5	-----	D	3	20	
5749	6.3	ET1-5672	9	-----	C	3	41	
5750	6.3	ET7-5621	Short Test Only					
5750	6.3	ET1-6027	17	-----	D	3	36	
5751	12.6	EV7-6080	12	-----	B	3	32	Triode No. 1.
5751	12.6	EV2-1030	12	-----	B	3	32	Triode No. 2.
5755	12.6	EV6-8073	0	-----	B	3	25	Triode No. 1.
5755	12.6	EV3-1026	0	-----	B	3	25	Triode No. 2.
5753	6.3	EV9-1073	8	-----	D	3	35	
5783	-----	AP0-3050	0	67	A	4	40	
5784	6.3	DU7-1265	20	-----	B	3	45	
5785	1.1	GN0-1000	0	0	A	2	20	
5787	BLST	AP0-3050	0	54	A	4	40	
5812	6.3	ET1-5602	34	-----	C	3	54	
5814	12.6	EV7-6080	24	-----	B	3	56	Triode No. 1.
5814	12.6	EV2-1030	24	-----	B	3	56	Triode No. 2.
5823	BLST	AP4-1030	100	84	A	4	40	Short on 1, 2, 3, 4, and 5.
5824	25.0	HS5-3480	52	-----	C	3	50	
5825	1.5	ER0-0000	0	0	A	4	10	Cap connects to plate.
5829	6.3	DV0-6070	0	63	A	2	40	Diode No. 1.
5829	6.3	DV0-1020	0	63	A	2	40	Diode No. 2.
5840★	6.3	DW1-5740	22	-----	C	3	31	F basing.
5844	6.3	ET5-2070	26	-----	C	3	38	Triode No. 1.
5844	6.3	ET6-1070	26	-----	C	3	38	Triode No. 2.
5879	6.3	EV1-8739	21	-----	B	3	25	
5881	6.3	HS5-3481	23	-----	D	3	25	
5886	1.1	DU7-2100	34	0	A	2	15	
5896★	6.3	DW0-5074	0	57	A	7	40	F basing. Plate No. 1.
5896★	6.3	DW0-1024	0	57	A	7	40	F basing. Plate No. 2.
5897★	6.3	DW1-8050	20	-----	D	3	23	F basing.

TB 11-5083-1/TO 16-35TV7-5

<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
5899★	6.3	DW1-5740	21	-----	B	3	50	F basing.
5900★	6.3	DW1-5740	21	-----	B	3	50	F basing.
5902★	6.3	DW1-5720	43	-----	C	3	53	F basing.
5903★	25.0	DW0-5074	0	57	A	7	40	F basing. Plate No. 1.
5903★	25.0	DW0-1024	0	57	A	7	40	F basing. Plate No. 2.
5904★	25.0	DW1-8050	43	-----	B	3	25	F basing.
5906★	25.0	DW1-5720	6	-----	D	3	25	F basing.
5907★	25.0	DW1-5720	28	-----	B	#	30	F basing.
# Hold Down Push Button 2--Diode and Press Push Button 3--Mut. Cond.								
5910	1.5	BX6-2300	19	-----	B	3	18	
5915	6.3	ET7-5621	20	-----	B	3	30	Amplifier sect.
5915	6.3	ET1-5627	10	-----	B	3	38	Oscillator sect.
5916★	25.0	DW1-5724	22	-----	B	3	33	F basing.
5963	12.6	EV7-6080	30	-----	B	3	50	Triode No. 1.
5963	12.6	EV2-1030	30	-----	B	3	50	Triode No. 2.
5971	1.1	FT2-1000	20	-----	B	3	33	
5975	6.3	EV3-1020	29	-----	D	3	20	
5977★	6.3	DW1-8053	29	-----	D	3	23	F basing.
5987★	6.3	DW1-2050	74	-----	B	3	46	F basing.
5998	6.3	HY4-5062	63	-----	D	3	40	Triode No. 1.
5998	6.3	HY1-2035	63	-----	D	3	40	Triode No. 2.
6005	6.3	ET1-5620	21	-----	C	3	46	
6012	6.3	HS3-5018	#	90	A	4	32	
# Should Strike Between Settings 40 and 30 of the Bias Dial.								
6026★	6.3	EV7-8030	21	-----	D	3	30	F basing.
6052★	6.3	DW0-5074	0	57	A	7	40	F basing. Plate No. 1.
6052★	6.3	DW0-1024	0	57	A	7	40	F basing. Plate No. 2.
6055★	25.0	DW1-8050	43	-----	B	3	25	F basing.
6072	12.6	EV7-6080	15	-----	B	3	32	Triode No. 1.
6072	12.6	EV2-1030	15	-----	B	3	32	Triode No. 2.
6084	6.3	EV9-6138	20	-----	B	3	33	
6085	12.6	EV7-6080	11	-----	C	3	32	Triode No. 1.
6085	12.6	EV2-1030	11	-----	C	3	32	Triode No. 2.
6110★	6.3	DW0-5074	0	62	A	2	40	F basing. Diode No. 1.
6110★	6.3	DW0-1024	0	62	A	2	40	F basing. Diode No. 2.
6111★	6.3	DW7-8050	24	-----	D	3	25	F basing. Triode No. 1.
6111★	6.3	DW2-1040	24	-----	D	3	25	F basing. Triode No. 2.
6113	6.3	HY4-5062	0	-----	B	3	32	Triode No. 1.
6113	6.3	HY1-2035	0	-----	B	3	32	Triode No. 2.
6135	6.3	ET6-1070	24	-----	B	3	55	
6136	6.3	ET1-5672	16	-----	B	3	58	
6137	6.3	HS4-8653	22	-----	B	3	48	
6145	6.3	JR6-2374	0	-----	D	3	33	
6146	6.3	HS5-0318	30	-----	D	3	35	Cap connects to plate.
6152	6.3	EV3-1020	29	-----	D	3	20	
6159	25.0	HS5-0318	30	-----	D	3	35	Cap connects to plate.
6169★	6.3	DW1-2040	12	-----	D	3	30	F basing.
6184★	6.3	DW0-2048	0	65	A	2	40	F basing. Diode No. 1.
6184★	6.3	DW0-7058	0	65	A	2	40	F basing. Diode No. 2.

**TB 11-5083-1/TO 16-35TV7-5**

<i>Tube type</i>	<i>Fil</i>	<i>Selectors</i>	<i>Bias</i>	<i>Shunt</i>	<i>Range</i>	<i>Press</i>	<i>Min. value</i>	<i>Notations</i>
6201	12.6	EV7-6080	10	-----	C	3	50	Triode No. 1.
6201	12.6	EV2-1030	10	-----	C	3	50	Triode No. 2.
7193	6.3	HS0-0080	13	-----	C	3	38	Upper cap connects to grid. Lower cap connects to plate.
8005	10.0	ER3-0000	22	-----	B	3	50	Cap connects to plate.
8016	1.1	HS0-0000	0	68	A	4	50	Cap connects to plate.
8020	5.0	ER0-0000	0	85	A	4	40	Cap connects to plate.
9001	6.3	ET1-5670	21	-----	B	3	28	
9002	6.3	ET6-1070	22	-----	B	3	48	
9003	6.3	ET1-5620	17	-----	B	3	38	
9004	6.3	GR0-3040	0	65	A	2	40	Diode.
9005	4.3	GR0-4030	0	52	A	2	40	Diode.
9006	6.3	ET0-1070	0	52	A	2	40	Diode.
38142	7.5	ER3-2000	37	-----	B	3	55	
XXB	2.5	BY5-6000	10	-----	B	3	28	Triode No. 1.
XXB	2.5	JR4-3000	10	-----	B	3	28	Triode No. 2.
XXD	12.6	JR5-6070	21	-----	C	3	33	Triode No. 1.
XXD	12.6	JR4-3020	21	-----	C	3	33	Triode No. 2.
XXFM	6.3	JR3-2040	0	-----	B	3	23	Triode sect.
XXFM	6.3	JR0-5040	0	67	A	2	40	Diode No. 1.
XXFM	6.3	JR0-6070	0	67	A	2	40	Diode No. 2.
XXL	6.3	JR6-2070	23	-----	B	3	50	
4B31		Requires special socket.						
5C22		Requires special socket.						
371B		Requires special socket.						

**3. Conversion Table**

The table below lists Army VT numbers of tubes and their commercial numbers.

<i>VT No. Coml No.</i>	<i>VT No. Coml No.—Con.</i>	<i>VT No. Coml No.—Con.</i>
VT-1..... WE-203A (obsolete)	VT-12..... Obsolete	VT-28..... 24, 24A
VT-2..... WE-205B	VT-13..... Obsolete	VT-29..... 27
VT-3..... Obsolete	VT-14..... Obsolete	VT-30..... 01-A
VT-4A..... Obsolete	VT-16..... Obsolete	VT-31..... 31
VT-4B..... Coml 211	VT-17..... 860	VT-32..... Obsolete
VT-4C..... JAN 211	VT-18..... Obsolete	VT-33..... 33
VT-5..... WE-215A	VT-19..... 861	VT-34..... 207
VT-6..... 212A	VT-20..... Obsolete	VT-35..... 35/51
(obsolete)	VT-21..... Obsolete	VT-36..... 36
VT-7..... WX-12	VT-22..... 204A	VT-37..... 37
(obsolete)	VT-23..... Obsolete	VT-38..... 38
VT-8..... UV-204	VT-24..... 864	VT-39..... 869
(obsolete)	VT-25..... 10	VT-39A..... 869A
VT-10..... Obsolete	VT-25A..... 10 special	VT-40..... 40
VT-11..... Obsolete	VT-26..... 22	VT-41..... 851
	VT-27..... 30	VT-42..... 872

## 3. Conversion Table—Continued

The table below lists Army VT numbers of tubes and their commercial numbers.

VT No. Coml No.—Con.	VT No. Coml No.—Con.	VT No. Coml No.—Con.
VT-42A ..... 872A (special fil)	VT-86B ..... 6K7GT	VT-115 ..... 6L6
VT-43 ..... 845	VT-87 ..... 6L7	VT-115A ..... 6L6G
VT-44 ..... 32	VT-87A ..... 6L7G	VT-116 ..... 6SJ7
VT-45 ..... 45	VT-88 ..... 6R7	VT-116A ..... 6SJ7GT
VT-46 ..... 866	VT-88A ..... 6R7G	VT-116B ..... 6SJ7Y
VT-46A ..... 866A	VT-88B ..... 6R7GT	VT-117 ..... 6SK7
VT-47 ..... 47	VT-89 ..... 89	VT-117A ..... 6SK7GT
VT-48 ..... 41	VT-90 ..... 6H6	VT-118 ..... 832
VT-49 ..... 39/44	VT-90A ..... 6H6GT	VT-119 ..... 2X2/879
VT-50 ..... 50	VT-91 ..... 6J7	VT-120 ..... 954
VT-51 ..... 841	VT-91A ..... 6J7GT	VT-121 ..... 955
VT-52 ..... 45 special	VT-92 ..... 6Q7	VT-122 ..... 530
VT-53 ..... Canceled (superseded by VT-42-A)	VT-92A* ..... 6Q7G	VT-123 ..... RCA A-5586 (superseded by VT-128)
VT-54 ..... 34	VT-93 ..... 6B8	VT-124 ..... 1A5GT
VT-55 ..... 865	VT-93A ..... 6B8G	VT-125 ..... 1C5GT
VT-56 ..... 56	VT-94 ..... 6J5	VT-126 ..... 6X5
VT-57 ..... 57	VT-94A ..... 6J5G	VT-126A ..... 6X5G
VT-58 ..... 58	VT-94B ..... 6J5 special selection	VT-126B ..... 6X5GT
VT-60 ..... 850	VT-94C ..... 6J5G special selection	VT-127 ..... Special tube
VT-62 ..... 801, 801A	VT-94D ..... 6J5GT	VT-127A ..... Special tube
VT-63 ..... 46	VT-95 ..... 2A3	VT-128 ..... 1630 (A-5588)
VT-64 ..... 800	VT-96 ..... 6N7	VT-129 ..... 304TL
VT-65 ..... 6C5	VT-96B ..... 6N7 special selection	VT-130 ..... 250TL
VT-65A ..... 6C5G	VT-97 ..... 5W4	VT-131 ..... 12SK7
VT-66 ..... 6F6	VT-98 ..... 6U5/6G5	VT-132 ..... 12K8 special
VT-66A ..... 6F6G	VT-99 ..... 6F8G	VT-133 ..... 12SR7
VT-67 ..... 30 special	VT-100 ..... 807	VT-134 ..... 12A6
VT-68 ..... 6B7	VT-100A ..... 807 modified	VT-135 ..... 12J5GT
VT-69 ..... 6D6	VT-101 ..... 837	VT-135A ..... 12J5
VT-70 ..... 6F7	VT-102 ..... Canceled	VT-136 ..... 1625
VT-72 ..... 842	VT-103 ..... 6SQ7	VT-137 ..... 1626
VT-73 ..... 843	VT-104 ..... 12SQ7	VT-138 ..... 1629
VT-74 ..... 5Z4	VT-105 ..... 6SC7	VT-139 ..... VR150-30
VT-75 ..... 75	VT-106 ..... 803	VT-140* ..... 1628
VT-76 ..... 76	VT-107 ..... 6V6	VT-141 ..... 531
VT-77 ..... 77	VT-107A ..... 6V6GT	VT-142 ..... WE-39DY1
VT-78 ..... 78	VT-107B ..... 6V6G	VT-143 ..... 805
VT-80 ..... 80	VT-108 ..... 450TH	VT-144 ..... 813
VT-83 ..... 83	VT-109 ..... 2051	VT-145 ..... 5Z3
VT-84 ..... 84/6Z4	VT-111 ..... 5BP4/-1802F4	VT-146 ..... 1N5GT
VT-86 ..... 6K7	VT-112 ..... 6AC7/-1852	VT-147 ..... 1A7GT
VT-86A ..... 6K7G	VT-114 ..... 5T4	VT-148 ..... 1D8GT
		VT-149 ..... 3A8GT

\* Indicates VT number has been canceled.

**3. Conversion Table—Continued**

The table below lists Army VT numbers of tubes and their commercial numbers.

<i>VT No. Coml No.—Con.</i>	<i>VT No. Coml No.—Con.</i>	<i>VT No. Coml No.—Con.</i>
VT-150..... 6SA7	VT-188..... 7E6	VT-231..... 6SN7GT
VT-150A..... 6SA7GT	VT-189..... 7F7	VT-232..... E-1148
VT-151..... 6A8G	VT-190..... 7H7	VT-233..... 6SR7
VT-151B..... 6A8GT	VT-191..... 316A	VT-234..... HY-114B
VT-152..... 6K6GT	VT-192..... 7A4	VT-235..... HY-615
VT-152A..... 6K6G	VT-193..... 7C7	VT-236..... 836
VT-153..... 12C8 special	VT-194..... 7J7	VT-237..... 957
VT-154..... 814	VT-195..... 1005	VT-238..... 956
VT-155..... Special tube	VT-196..... 6W5G	VT-239..... 1LE3
VT-156..... Special tube	VT-197A..... 5Y3GT/G	VT-240..... 710A
VT-157..... Special tube	VT-198A..... 6G6G	VT-241..... 7E5/1201
VT-158..... Special tube	VT-199..... 6SS7	VT-243..... 7C4/-1203A
VT-159..... Special tube	VT-200..... VR-105-30	VT-244..... 5U4G
VT-160..... Special tube	VT-201..... 25L6	VT-245..... 2050
VT-161..... 12SA7	VT-201C..... 25L6GT	VT-246..... 918
VT-162..... 12SJ7	VT-202..... 9002	VT-247..... 6A G7
VT-163..... 6C8G	VT-203..... 9003	VT-248..... 1808P1
VT-164..... 1619	VT-204..... HK24G	VT-249..... 1006
VT-165..... 1624	VT-205..... 6ST7	VT-250..... EF50
VT-166..... 371A	VT-206A..... 5V4G	VT-251..... 441
VT-167..... 6K8	VT-207..... 12AH7GT	VT-252..... 923
VT-167A..... 6K8G	VT-208..... 7B8	VT-254..... 304TH
VT-168A..... 6Y6G	VT-209..... 12SG7	VT-255..... 705A
VT-169..... 12C8	VT-210..... 184	VT-256..... ZP486
VT-170..... 1E5-GP	VT-211..... 6SG7	VT-257..... K-7
VT-171..... 1R5	VT-212..... 958	VT-259..... 829
VT-171A..... Loctal equivalent of 1R5	VT-213A..... 6L5G	VT-260..... VR75-30
VT-172..... 185	VT-214..... 12H6	VT-264..... 3Q4
VT-173..... 1T4	VT-215..... 6E5	VT-266..... 1616
VT-174..... 3S4	VT-216..... 816	VT-267..... 578
VT-175..... 1613	VT-217..... 811	VT-268..... 12SC7
VT-176..... 6A B7/-1853	VT-218..... 100TH	VT-269..... 717A
VT-177..... 1LH4	VT-219..... Canceled	VT-277..... 417
VT-178..... 1LC6	VT-220..... 250TH	VT-279..... GY-2
VT-179..... 1LN5	VT-221..... 3Q5GT	VT-280*..... C7063
VT-180*..... 3LF4	VT-222..... 884	VT-281*..... HY-145ZT
VT-181..... 7Z4	VT-223..... 1H5GT	VT-282..... ZG489
VT-182..... 3B7/1291	VT-224..... RK34	VT-283*..... QF-206
VT-183..... 1R4/1294	VT-225..... 307A	VT-284*..... QF-197
VT-184..... VR90-30	VT-226..... 2EP1/-1806P1	VT-285*..... QF-200C
VT-185..... 3D6/1299	VT-227..... 7184	VT-286..... 832A
VT-186..... Special tube	VT-228..... 8012	VT-287..... 815
VT-187..... 575A	VT-229..... 6SL7GT	VT-288..... 12SH7
	VT-230..... 350A	VT-289..... 12SL7GT

\* Indicates VT number has been canceled.

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