TUBE TEST DATA FOR USE WITH THE TUBE TESTERS I-177, I-177-A, AND I-177-B AND TUBE SOCKET ADAPTER KITS MX-949/A and MX-949A/U. See below for other models.

beta 1.08 July 5, 2002

This is a freely available file and my contribution to the hobby. If you paid for it, you got burned! In addition, if I catch some looser trying to SELL my free product or parts of it, I'll nuke their ass good. I've got enough hidden identifiers in the data to not make it worth their time. This is a FREE product, period!

There are errors in the original Govt. manuals and the Hickok manuals that I compiled into this file. In addition, I may or may nor have made a few errors myself. As a result, I take NO responsibility for any errors, incorrect data or omitted data contained within or missing from this file. Use this data at your own risk...

This document is organized into eight "pages" or sheets.The first is this cover that your reading. The second is the general instructions for operating the I-177 series tube tester without and with the MX-949 series adapter kit. The third contains the information on various socket adapters that were used with the I-177 series before the adoption of the MX-949. The fourth is the cross index of the old Army VT numbers and standard commercial tube numbers. The fifth contains the tube tester settings data for using the I-177 series tube tester **WITHOUT** the **MX-949** adapter. Sheet six contains tester settings data for use **WITH** the **MX-949** series adapter kits and Sheet 7 contains ballast tube test settings data for use **WITHOUT** the **MX-949** series adapter.Sheet 8 is a "shorts" list that allows you to determine which tube elements are shorted by looking at a chart.

I have the drawn on the following I-177 related publications as the basis for this project:

TM 11-2627 (August 3, 1944)
TM 11-2627 Change 1, also known as T.O. 16-40-I-177-5 (October 24, 1945)
TM 11-2627 Change 2, also known as T.O. 16-40-I-177-5 (August 1, 1949)
TM 11-2627 Temporary Supplement (March 18, 1952)
TM 11-2627 Change 3, also known as T.O. 16-40-I-177-5 (March 5, 1954)

Hickok Tube Data Book for AC-51-AC51X-T53-510X-530 (11-1943)
Undated 16 Page Settings Data Book from 1944 Contract I-177 Tester
TB 11-2627-2 (October 30, 1946)
TB 11-2627-2 (April 7, 1949)
TB 11-2627-2 (June 11, 1951)
TB 11-2627-2, also knwn as T0 16-40I 177-6 (October 16, 1952)
I-177 Data Book from Bigelow Electronics (July 18, 1954)
Hickok Data Book 3200-16 (April 1955 reprint)
TB 11-2627-2 Change 5, also known as TO 33AA21-1-3 (March 19, 1957)

In addition, the ballast tube data, shorts data, and a some of the tube settings information came from:
Hickok Manual for the 510X circa 1938
Hickok Manual for the 530B circa 1943
Hickok Manual for the 560 circa 1943

The following materials were used for adding listings for tube numbers not listed in any of the other materials and for verification of data:
Armed Forces Cross Index of Electron Tube Types (August 1950)
General Electric Tube Manual 14
Military settings data for the TV-2, TV-3, and TV-7 series testers.
Raytheon Tube Manual 1937
RCA Tube Manuals RC-10 , RC-11 , RC-13 , RC-23 , RC-29 , TT-3 , TT-4 , TT-5
Slyvania Tube Manuals 1943 , 1947 , 1955

An interesting thing that may come in handy to certain people, is that the settings data between the I-177 series military tube tester and the Hickok commercial models AC-51, 51X, T53, 510X, 530, 531, 540, 550X, 560, 560SPL, and KS9237 appear to be interchangable within the socket differences of the testers. I don't have access to any of these models so I'm not 100% sure that the data will freely interchange between these and/or other models but it looks like it should come close. Verify it for yourself before you try it though by comparing the socket numbers used and settings between this data and any existing data that you have. You're totally on your own as far as this is concerned, so if you blow a 45 or your tester or put an eye out or something, don't come bitching to me that I owe you an eye, a tube, tester, etc.

I would really like to hear from any of you that have had positive results with interchanging the data with other models and will update this file to reflect those results...

Surely there are other manuals containing data that I didn't include because I didn't have access to them. Please contact me if you other data and I'll include it in a later edition. All I need is a clear scan or photocopy of them, not the originals. Thanks!

I can be contacted either by email either of the two addresses listed below, or via conventional mail at the following address. If you have copies of additional data for me to add or if you just want to drop a few of bucks in the mail to me for the untold hundreds of hours of labor that went into this project, use the following address:

Nolan E. Lee
Post Office Box 860
Sun, Louisiana 70463-0860
United States of America

End of Sheet!

General Instructions for operating the I-177 series tube tester, both without and with the MX-949 series adapter kit.

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TM 11-2627 and it's various changes and supplements should be consulted on the safe use of the I-177 series tube tester and the MX-949 series adapter. This file is no substitute for the original manual. Get one!

Preliminary Instructions. Before handling Tube Tester I-177, read the operating instructions carefully, This is a delicate electrical instrument containing a meter and parts that can easily be damaged by mishandling. Pay particular attention to the notices. It also uses voltages sufficient to **KILL** you. If you don't know what you're doing, get help from someone that does. Remember, it's old and a lot can go wrong in that period of time. Be alert and be careful and stay alive...

CAUTION: After testing tubes, **always** set all controls to off or saftey positions as indicated in the following table. Tubes may be burned out if inserted in test sockets before the controls have been properly set.

Control	*Saftey Position*
POWER	OFF
SHORT-TUBE TEST	1
LINE ADJUSTMENT	Extreme counterclockwise
A	1
B	1
FIL	OFF
MICROMHOS	15000
L	80
R	80

SHORTS TEST.

a. Make sure that all controls are in the saftey positions, listed above.
b. Plug the power cord of the tester into a suitable a-c power outlet (105 to 125 volts).
c. Determine the type number of the tube to be tested and locate this type number in the column headed **Tube Type** on either the loose-leaf test data cards fastened inside the cover of the instrument or on Table II or Table III of this file.
d. Set selector switch A to the number indicated in column **A**.
e. Set selector switch B to the number indicated in column **B**.
f. Set selector switch FIL to the number indicated in the column headed either **Fil. Volts** or **Filament Volts**.
g. Insert the tube in the socket indicated in the column headed **Socket Lettter**.
   NOTE: When inserting or removing a loctal or acorn tube from a socket, handle the tube as gently as possible. Tube pins pass directly through the glass seals and excessive force will crack the glass. A slight sideways pressure applied to a loctal tube will release the lock and permit easy removal of the tube from the socket.
h. If the tube has a top cap, attach the clip of the CAP lead to the cap. For acorn tubes, use the ACORN CAP lead and clip. For tubes having a star in the **Notations** column (such as some listings for the 807, 871, etc.) connect the plate top cap of the tube to the upper left contact of the 6-pin socket C with the 12-inch lead having a clip and bananna plug. For some tube listings, other instructions may be present in the **Notations** column that may direct you to connect the 12-inch lead to other locations. **ALWAYS** read and pay attention to the **Notations** column bubba.
i. Set the POWER switch to the ON position.
j. To adjust the line voltage, press and hold down the LINE TEST button and turn the LINE ADJUSTMENT knob until the meter pointer is exactly at the LINE TEST position (at 1,500, not at the **?** on the scale); then release the LINE TEST button.
k. After allowing at least 30 seconds for the tube to warm up, turn the SHORT-TUBE TEST switch slowly from position 1 to positions 2, 3, 4, and 5 successively while tapping on the tube with a finger and watching the SHORTS neon lamp. If the lamp continuously or glows during tapping in any of the five positions, the tube contains shorted electrodes and should be discarded without further testing (to prevent damage to the meter) unless and exception is noted in the **Notations** column. Disregard a momentary flash of the neon lamp while this switch is being turned from one position to the next, since this is due to the charging of a capacitor in the lamp circuit.
   NOTE: Before discarding the tube, refer to the **Notations** column of the test data for the listing of that tube to see if the tube being tested normally appears to be shorted on certain postitons of the switch. Thus, for the 1LN5, the notation "Shorts on 4 and 5" in the **Notations** column means that the neon lamp will normally glow at positions 4 and 5 for

good tubes. This tube has no shorts if the neon lamp stays out for positions 1, 2, and 3.
NOTE: Tapping on certain tubes will damage them. Pay particular attention to the **Notations** column comments.

l. On tubes having several sections, the shorts test need to be made only once.

QUALITY TEST.

a. Test the tube for shorts by following the complete procedure listed above. If the tube is shorted, discard it without making further tests.
b. If the tube is not shorted, turn the SHORT-TUBE TEST switch to the TUBE TEST position. Do not change any of the other controls used for the shorts test.
c. Set potentiometer L to the number indicated in column **L** on the test data.
d. Set potentiometer R to the number indicated in column **R**.
e. Set the MICROMHOS range switch at 3,000.
f. Press the button indicated in the **Press** column of the test data, and read the meter on the RED-GREEN scale.
g. Normally, if the pointer stops in the GREEN sector the tube is good; if in the RED sector, the tube is defective and should be discarded. If the pointer stops in the **?** sector, the tube is usable for a few more hours but should be replaced soon. For tubes in the **Notations** column having a note such as "OK over 160" (for example, type 40), read the meter on the 0-3,000 micromhos scales. Tubes reading higher than the value given in the **Notations** column are good. Good diode sections may read in the portion of the RED scale marked DIODES O.K. Only diodes reading to the left of this section (to the left of A in REPLACE on the scale) should be considered defective.
CAUTION: Do not press the red AMPL.TEST button while testing rectifier tubes. When testing small diodes, do not press either the AMPL.TEST or a RECTIFIER TEST button, because the high voltagw would damage the delicate cathode. Press only the DIODE TEST button as called for in the test data.
h. If a tube is listed two or more times in the test data, it has two of more sections requiring individual tests, or has two input grids (for example, 6A8 pentagrid converter) requiring separate dynamic tests.
i. **Remove the tube from the socket after the first test is completed.** Then repeat the quality test for each additional listing in turn. The shorts test should be made **only** for the first listing, however The tube sectioned covered by a listing is identified in the **Notations** column in the test data.

MEASURING MUTUAL CONDUCTANCE. This procedure gives a mutual conductance reading in micromhos for an amplifier tube ot amplifier section, instead of a RED-GREEN reading.

a. Test the amplifier section or section for shorts by following the complete procedure given above. If it is shorted, discard it without making further tests.
b. If the tube is not shorted, turn the SHORT-TUBE TEST switch to the TUBE TEST position. Do not change any of the other controls used for the shorts test.
c. Set the potentiometer L at GM (replaces 60 on the dial).
d. Set the petentiometer R to the number indicated in column **R** on the test data.
e. Set the MICROMHOS range switch to an appropriate range for measuring the value listed for Mut.Cond. in the **Notations** column of the test data.
f. Press the button called for in the **Press** column, and read the meter on the scale to which the MICROMHOS switch is set. This reading is thew mutual conductance of the tube in micromhos under the element voltage conditions provided by the tube tester.
g. If a tube is listed two or more times in the test data, remove the tube from its socket after the first test. Then repeat all of the tests except the shorts test for the next listing as if testing another tube.

GAS TEST. This procedure determines whether or not an amplifier tube contains too much gas.

a. Carry out the shorts test procedure given above. If dealing with a multisection tube, the shorts test and the gas test must be made on an amplifier section. The gas test does not apply to diode sections or to rectifiers.
b. Set potentiometer L at GM (replaces 60 on dial).
c. Set the MICROMHOS range switch at 3000.
d. Hold down GAS NO.1 button and adjust potentiometer R until the meter reads 100 micromhos on the 0-3000 scale.
e. While holding down GAS NO.1 button, press GAS NO.2 button. If the pointer moves upward more than one scale division, the tube contains too much gas for satisfactory operation. If the pointer movement is less than one scale division, the tube can be considered sufficiently free from gas.
NOTE: If the pointer cannot be brought down to 100 micromhos by adjusting the potentiometer R with the GAS NO.1 button pressed, set R at 82, note the position of the pointer, and press GAS NO.2 button to see if the pointer moves upward more than one scale division. In some cases it may be necessary to let the tube warm up for a few minutes

before making the gas test, since the tubes may develope gas only after filament current has been on for a period of time.

NOISE TEST. This procedure detects intermittent contacts between tube electrodes during the shorts test, even though the shorts are too breif to be detected by the neon shorts lamp.

a. After completing the conventional shorts test explained above, connect the NOISE TEST jacks on the panel of the I-177 tube tester to the antenna and ground terminals of a radio receiver.
b. With the radio receiver turned on, with the volume advanced, and with the tube tester still set as in **SHORTS TEST** section k. above, tap the tube while turning the SHORT-TUBE TEST switch slowly from position 1 to 5. Loud static noises coming from the loudspeaker of the radio receiver indicate shorts between electrodes, and mean that the tube is bad.
   NOTE: This procedure was developed long before solid state receivers. There's no way in hell, even if the blocking capacitor in the tube tester IS good, that I'd use a solid state receiver for this test. It's not worth the risk.

TESTING CATHODE-RAY INDICATOR TUBES. Since the function of these tubes is to indicate rather than amplify, conventional mutual conductance or quality tests cannot be made. Test data is therefore given only for the purpose of checking the functioning of the eye. No shorts tests are made. The meter and controls L, R, and MICROMHOS are not used in this test. The procedure checks only the opening and closing action of the eye.

a. Turn on the tube tester and adjust the line voltage as outlined above.
b. Set the FIL switch at the correct filament voltage (2.5 for the 2E5 tube and 6.3 for tybe types starting with 6).
c. For the 2E5, 6AB5, 6E5, 6G5, 6H5, 6N5, and 6U5 tubes, set selector switch A at 12, set selector switch B at 3, and press the red AMPL.TEST button. The eye should open. Release the button, set selector switch B at 2, and again press the red AMPL.TEST button. The eye should now close if the tube is good.
d. For 6AD6 and 6AF6 tubes, set selector switch B at 8, set selector switch A at 2, and press the red AMPL.TEST button. Eye No.1 should open and eye No.2 should close. elease the button, set selector switch A at 3 and again press the AMPL.TEST button. Eye No.2 should open and eye No.1 should close if the tube is good.

USING THE MX-949 AND MX-949A ADAPTERS WITH THE I-177 SERIES TUBE TESTER.

a. Adjustment of the tube tester.
(1.) Set selector switch A to 4.
(2.) Set selector switch B to 2.
(3.) Set all other switches to OFF or saftey positions as either described above or in TM 11-2627.
(4.) Plug the power cable assembly into a suitable a-c (alternating current) power outlet (105-125 volts, 60 cycles); set the power switch on the ON position.
(5.) Depress the line test button and turn the LINE ADJUSTMENT control until the meter needle points to the LINE TEST or to the line test value indicated in the **Notations** column of Table III for the tube type under test.

b. Adjustments on the Tube Socket Adapter Kit MX-949 or MX-949A
(1.) Disconnect all plugs from receptacles.
(2.) Insert the 8-prong octal plug into socket E of the tube tester.
(3.) Determine the type number in the column headed **Tube Type** of Table III.
(4.) Set selector switch FIL of tube tester to the number in the column headed **Fil Volts.**
(5.) Make the patch cord connections for the type to be tested.
(6.) Insert the tube in the socket indicated in the column headed **Socket Number** in **Table III**.

c. Test.
(1.) Test for shorts by **slowly** rotating the SHORTS test switch from TUBE TEST position to position 1 and then back to TUBE TEST position.
(2.) Set potentiometer L of the tube tester to the number indicated in the **Potentiometer L** column of **Table III**.
(3.) Set potentiometer R of the tube tester to the number indicated in the **Potentiometer R** column of **Table III**.
(4.) Set the MICROMHOS range switch at 3000 except as indicated otherwise in the **Notations** column.
(5.) Press the tube tester button indicated in the Press column of **Table III**.
(6.) Good tubes will give a meter indication in the GREEN sector, except as indicated in the **Notations** column. The readings on tubes designated as "OK over ____" will be read on the 3000 scale indipendent of the settings of the MICROMHOS range switch.
NOTE: The LINE TEST adjustment should be repeated immediately before making either the SHORTS test or the QUALITY test. This means that the tube has already been placed in ther proper socket and that all settings

and/or connections have been made.

End of Sheet!

TUBE TEST DATA FOR USE WITH THE TUBE TESTERS I-177, I-177-A, AND I-177-B

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This page deals with the various tube socket adapters that are used for testing some types of tubes with the I-177 series of tube tester. In the event that you have the MX-949 series tube socket adapter kit, you shouldn't need any of the adapters that I've outlined the construction and use of below. The information on the adapters appears to have been dropped from all of the later issue Technical Manuals after the MX-949 series adapter kit was adopted. Since the actual tube testers themselves are a lot more common than the adapter kit, I'm hoping that this may be of help to someone. They're listed below.:

Adapter M-418: This was an early adapter used for testing the 829/829B/832 tubes. I have yet to find a pinout or diagram of it, sorry. If you have one, I'd love to get some details on it from you.

Adapter #1 (for testing 12L8GT) may be fabricated by interconnecting an 8-pin octal socket and an 8-pin octal plug (or tube base) in the following manner:

Socket	Plug
Lug #1	Pin #5
Lug #2	Pin #1
Lug #3	Pin #4
Lug #4	Pin #3
Lug #5	Pin #8
Lug #6	Pin #2
Lug #7	Pin #7
Lug #8	Pin #6

Adapter #2 (for testing 7F8) may be fabricated by unterconnecting an 8-pin loctal socket and an 8-pin octal plug (or tube base) in the following manner:

Socket	Plug
Lug #1	Pin #4
Lug #2	Pin #2
Lug #3	Pin #3
Lug #4	Pin #8
Lug #5	Pin #1
Lug #6	Pin #6
Lug #7	Pin #7
Lug #8	Pin #5

Adapter #3 (for testing 6AR6) may be fabricated by interconnecting an 8-pin octal socket and an 8-pin octal plug (or tube base) in the following manner:

Socket	Plug
Lug #1	Pin #8
Lug #2	No Connection
Lug #3	Pin #3
Lug #4	No Connection
Lug #5	Pin #4
Lug #6	Pin #2
Lug #7	Pin #5
Lug #8	Pin #7

Adapter #4 (for testing 3Q4) may be fabricated by interconnecting a 7-pin miniature socket and an 8-pin octal plug (or tube base) in the following manner:

Socket	Plug
Lug #1	Pin #2
Lug #2	Pin #8
Lug #3	Pin #4
Lug #4	Pin #6
Lug #5	No Connection
Lug #6	No Connection
Lug #7	Pin #7

Adapter #5 (for testing 12AT7 and 12AU7 #1 triode section) may be fabricated by interconnecting A 9-pin noval socket and an 8-pin octal plug (or tube base) in the following manner:

Socket	Plug
Lug #1	No Connection
Lug #2	No Connection
Lug #3	No Connection
Lug #4	Pin #2
Lug #5	Pin #7
Lug #6	Pin #8
Lug #7	Pin #4
Lug #8	Pin #5
Lug#9	No Connection

Adapter #6 (for testing 12AT7 and 12AU7 #2 triode section) may be fabricated by interconnecting A 9-pin noval socket and an 8-pin octal plug (or tube base) in the following manner:

Socket	Plug
Lug #1	Pin #8
Lug #2	Pin #4
Lug #3	Pin #5
Lug #4	Pin #2
Lug #5	Pin #7
Lug #6	No Connection
Lug #7	No Connection
Lug #8	No Connection
Lug #9	No Connection

Adapter #7 (for testing 12SW7, triode section only) may be fabricated by interconnecting an 8-pin octal socket and an 8-pin octal plug (or tube base) in the following manner:

Socket	Plug
Lug #1	No Connection
Lug #2	Pin #4
Lug #3	Pin #5
Lug #4	No Connection
Lug #5	No Connection
Lug #6	Pin #8
Lug #7	Pin #2
Lug #8	Pin #7

End of Sheet!

TABLE 1 CROSS INDEX OF ARMY VT NUMBERS AND COMMERCIAL NUMBERS

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VT-1 THRU VT-93A	VT-94 THRU VT-174	VT-175 THRU VT-289
VT-1 WE-203A	VT-94 6J5	VT-175 1613
VT-2 WE-205B	VT-94A 6J5G	VT-176 6AB7 / 1853
VT-3 WE- "P"	VT-94B 6J5 Spcl.Slect.	VT-177 1LH4
VT-4A WE-211A	VT-94C 6J5G Spcl.Sel.	VT-178 1LC6
VT-4B Commercial 211	VT-94D 6J5GT	VT-179 1LN5
VT-4C JAN 211	VT-95 2A3	VT-180* 3LF4
VT-5 WE-215A	VT-96 6N7	VT-181 7Z4
VT-6 212A	VT-96B 6N7 Spcl. Selec.	VT-182 3B7 / 1291
VT-7 WX-12	VT-97 5W4	VT-183 1R4 / 1294
VT-8 UV-204	VT-98 6U5 / 6G5	VT-184 VR90-30
VT-10 GE-"P"	VT-99 6F8G	VT-185 3D6 / 1299
VT-11 GE- "G"	VT-100 807	VT-186 Special Tube
VT-12 GE- "T"	VT-100A 807 Modified	VT-187 575A
VT-13 (obs)	VT-101 837	VT-188 7E6
VT-14 (obs)	VT-102 Canceled	VT-189 7F7
VT-16 (obs)	VT-103 6SQ7	VT-190 7H7
VT-17 860	VT-104 12SQ7	VT-191 316A
VT-18 GE- "U"	VT-105 6SC7	VT-192 7A4
VT-19 861	VT-106 803	VT-193 7C7
VT-20 (obs)	VT-107 6V6	VT-194 7J7
VT-21 (obs)	VT-107A 6V6GT	VT-195 1005
VT-22 204A	VT-107B 6V6G	VT-196 6W5G
VT-23 (obs)	VT-108 450TH	VT-197A 5Y3GT/G
VT-24 864	VT-109 2051	VT-198A 6G6G
VT-25 10	VT-111 5BP4, 1802P4	VT-199 6SS7
VT-25A 10 Special	VT-112 6AC7, 1852	VT-200 VR-105-30
VT-26 22	VT-114 5T4	VT-201 25L6
VT-27 30	VT-115 6L6	VT-201C 25L6GT
VT-28 24, 24A	VT-115A 6L6G	VT-202 9002
VT-29 27	VT-116 6SJ7	VT-203 9003
VT-30 01-A	VT-116A 6SJ7GT	VT-204 HK24G
VT-31 31	VT-116B 6SJ7Y	VT-205 6ST7
VT-32 (obs)	VT-117 6SK7	VT-206A 5V4G
VT-33 33	VT-117A 6SK7GT	VT-207 12AH7GT
VT-34 207	VT-118 832	VT-208 7B8
VT-35 35/51	VT-119 2X2 / 879	VT-209 12SG7
VT-36 36	VT-120 954	VT-210 1S4
VT-37 37	VT-121 955	VT-211 6SG7
VT-38 38	VT-122 530	VT-212 958
VT-39 869	VT-123 RCA A-5586	VT-213A 6L5G
VT-39A 869A	superceded by VT-128	VT-214 12H6
VT-40 40	VT-124 1A5GT	VT-215 6E5
VT-41 851	VT-125 1C5GT	VT-216 816
VT-42 872	VT-126 6X5	VT-217 811
VT-42A 872A (spec.fil)	VT-126A 6X5G	VT-218 100TH
VT-43 845	VT-126B 6X5GT	VT-219 Canceled
VT-44 32	VT-127 Special Tube	VT-220 250TH
VT-45 45	VT-127A Special Tube	VT-221 3Q5GT
VT-46 866	VT-128 1630 / A-5588	VT-222 884
VT-46A 866A	VT-129 304TL	VT-223 1H5GT
VT-47 47	VT-130 250TL	VT-224 RK-34
VT-48 41	VT-131 12SK7	VT-225 307A

VT-49____39/44
VT-50____50
VT-51____841
VT-52____45 Special
VT-53____canceled, superseded by VT-42A
VT-54____34
VT-55____865
VT-56____56
VT-57____57
VT-58____58
VT-60____850
VT-62____801, 801A
VT-63____46
VT-64____800
VT-65____6C5
VT-65A___6C5G
VT-66____6F6
VT-66A___6F6G
VT-67____30 Special
VT-68____6B7
VT-69____6D6
VT-70____6F7
VT-72____842
VT-73____843
VT-74____5Z4
VT-75____75
VT-76____76
VT-77____77
VT-78____78
VT-80____80
VT-83____83
VT-84____84 / 6Z4
VT-86____6K7
VT-86A___6K7G
VT-86B___6K7GT
VT-87____6L7
VT-87A___6L7G
VT-88____6R7
VT-88A___6R7G
VT-88B___6R7GT
VT-89____89
VT-90____6H6
VT-90A___6H6GT
VT-91____6J7
VT-91A___6J7GT
VT-92____6Q7
VT-92A*__6Q7G
VT-93____6B8
VT-93A___6B8G

VT-132___12K8 Special
VT-133___12SR7
VT-134___12A6
VT-135___12J5GT
VT-135A__12J5
VT-136___1625
VT-137___1626
VT-138___1629
VT-139___VR150-30
VT-140*__1628
VT-141___531
VT-142___WE-39DY1
VT-143___805
VT-144___813
VT-145___5Z3
VT-146___1N5GT
VT-147___1A7GT
VT-148___1D8GT
VT-149___3A8GT
VT-150___6SA7
VT-150A__6SA7GT
VT-151___6A8G
VT-151B__6A8GT
VT-152___6K6GT
VT-152A__6K6G
VT-153___12C8 Special
VT-154___814
VT-155___Special Tube
VT-156___Special Tube
VT-157___Special Tube
VT-158___Special Tube
VT-159___Special Tube
VT-160___Special Tube
VT-161___12SA7
VT-162___12SJ7
VT-163___6C8G
VT-164___1619
VT-165___1624
VT-166___371A
VT-167___6K8
VT-167A__6K8G
VT-168A__6Y6G
VT-169___12C8
VT-170___1E5-GP
VT-171___1R5
VT-171A__Loctal equivilent of 1R5
VT-172___1S5
VT-173___1T4
VT-174___3S4

VT-226___3EP1 / 1806P1
VT-227___7184
VT-228___8012
VT-229___6SL7GT
VT-230___350A
VT-231___6SN7GT
VT-232___E-1148
VT-233___6SR7
VT-234___HY-114B
VT-235___HY-615
VT-236___836
VT-237___957
VT-238___956
VT-239___1LE3
VT-240___710A
VT-241___7E5 / 1201
VT-243___7C4 / 1203A
VT-244___5U4G
VT-245___2050
VT-246___918
VT-247___6AG7
VT-248___1808P1
VT-249___1006
VT-250___EF50
VT-251___441
VT-252___923
VT-254___304TH
VT-255___705A
VT-256___ZP486
VT-257___K-7
VT-259___829
VT-260___VR75-30
VT-264___3Q4
VT-266___1616
VT-267___578
VT-268___12SC7
VT-269___717A
VT-277___417
VT-279___GY-2
VT-280*__C7063
VT-281*__HY-145ZT
VT-282___ZG489
VT-283*__QF-206
VT-284*__QF-197
VT-285*__QF-200C
VT-286___832A
VT-287___815
VT-288___12SH7
VT-289___12SL7GT

*Indicates that VT number has been canceled.
(obs) Indicates the tube is obsolete.
This chart was created using data from TB 11-2627-2 dated October 30th of 1946.

End of Sheet!

TABLE II. TUBE TEST DATA FOR USE WITH THE TUBE TESTERS I-177, I-177-A, AND I-177-B

beta 1.08 July 5, 2002

Note A: The plate cap of the tube under test should be connected to the upper left contact of the 6-pin (C) socket. A 12-inch lead with clip and bananna plug is provided for this purpose.

Note B: Connect the plate cap (nearest the operator) to the upper left contact of the 6-pin (C) socket; use the lead provided. Connect the grid lead to the remaining cap on the tube.

Note C: Set the MICROMHOS switch at 6000 when testing this section if the tube tester bears either Order No. 27613-Phila-44-52 or 52346-Phila-45-10 on the nomenclature plate.

Note D: This test is only a partial indication of a good tube. A complete test is only possible when using equipment.

Note E: Do not tap on this tube when testing for short because damage to the tube may result.

Note F: The Mutual Conductance values listed are averages for new tubes and only for a guide.

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
00A	2	10	5.0	23	27	A	AMPL	Mut.Cond.666.	TB 11-2627-2 10/16/52
01A	2	10	5.0	26	39	A	AMPL	Mut.Cond.725.	TB 11-2627-2 10/16/52
0A2	4	4	OFF	0	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
0A2	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 C5 3/19/57
0A3	7	1	OFF	50	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
0A4G	10	2	OFF	50	0	E	0Z4	See note D.	Hickok 3200-16 4/55
0B2	4	4	OFF	30	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
0B2	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 C5 3/19/57
0B3	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	TB 11-2627-2 C5 3/19/57
0C3	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
0D3	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
0Y4	8	4	BLST	70	0	E	0Z4	Shorts on 1, 2, 3, and 4.	Hickok 3200-16 4/55
0Z4	4	8	OFF	0	0	E	NOTHING	Check for shorts.	TB 11-2627-2 10/16/52
0Z4	2	9	OFF	60	0	E	0Z4		TB 11-2627-2 10/16/52
0Z4	10	2	OFF	60	0	E	0Z4		TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
0Z4A	4	8	OFF	0	0	E	NOTHING	Check for shorts.	TB 11-2627-2 10/16/52
0Z4A	2	9	OFF	60	0	E	0Z4	See note D.	TB 11-2627-2 10/16/52
0Z4A	10	2	OFF	60	0	E	0Z4	See note D.	TB 11-2627-2 10/16/52
0Z4G	4	8	OFF	0	0	E	NOTHING	Check for shorts.	TB 11-2627-2 10/16/52
0Z4G	2	9	OFF	64	0	E	0Z4	See note D.	TB 11-2627-2 10/16/52
0Z4G	10	2	OFF	64	0	E	0Z4	See note D.	TB 11-2627-2 10/16/52
DE1	1	6	2.5	40	34	B	AMPL	Mut.Cond.1000.	Nolan
RE1	2	7	5.0	35	0	A	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55
RE1	3	7	5.0	35	0	A	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55
RE2	2	7	7.5	33	0	A	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55
1A3	10	5	1.5	0	0	H	DIODE,also rectifier 117N7	May show shorts on 2,3,4, and 5.	TB 11-2627-2 10/16/52
1A4	2	5	2.0	27	24	A	AMPL	Mut.Cond.750.	Hickok 3200-16 4/55
1A4P	2	5	2.0	27	24	A	AMPL		TB 11-2627-2 10/16/52
1A5GT/G	8	5	1.5	32	35	E	AMPL	Mut.Cond.800.See note E.	TB 11-2627-2 10/16/52
1A6	1	5	2.0	0	29	C	AMPL	Mut.Cond.500.See note D.	TB 11-2627-2 10/16/52
1A6	9	7	2.0	60	29	C	AMPL	Mut.Cond.150.OK over 120.	TB 11-2627-2 10/16/52
1A7GT/G	7	7	1.5	32	20	E	AMPL	Mut.Cond.800. Pent.Section.See Note D.	Hickok 3200-16 4/55
1A7GT/G	12	7	1.5	60	38	E	AMPL	Mut.Cond.300. Osc.Sect. OK over 240 on 3000 scale. See notes D and E.	Hickok 3200-16 4/55
1AB5	6	2	1.1	28	20	F	AMPL	Short on 1.	TB 11-2627-2 10/16/52
1AD4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1AE4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1AF4	2	5	1.5	23	21	H	AMPL	Mut.Cond. 700. Shorts on 4 and 5.	Hickok 3200-16 4/55
1AF5	5	6	1.5	0	19	H	AMPL	Mut.Cond. 500. Pent. Section	Hickok 3200-16 4/55
1AF5	3	8	1.5	0	0	H	DIODE	Diode Section	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
1AH4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1B3GT	7	1	1.1	0	0	E	RECTIFIER STD.	Shorts on 3,4, and 5. See note A. OK over 300. See note D.	TB 11-2627-2 10/16/52
1B3GT / 8016	7	1	1.1	0	0	E	RECTIFIER STD.	OK over 300. See note D.	TB 11-2627-2 10/16/52
1B4	2	5	2.0	18	29	A	AMPL	Mut.Cond.640.	Hickok 3200-16 4/55
1B4P	2	5	2.0	18	29	A	AMPL		TB 11-2627-2 10/16/52
1B5	7	8	2.0	60	23	C	AMPL	Mut.Cond.475. OK over 380	TB 11-2627-2 10/16/52
1B5	10	8	2.0	0	0	C	DIODE		TB 11-2627-2 10/16/52
1B5	12	3	2.0	0	0	C	DIODE		TB 11-2627-2 10/16/52
1B5 / 25S	7	8	2.0	60	23	C	AMPL	OK over 380	TB 11-2627-2 10/16/52
1B5 / 25S	10	8	2.0	0	0	C	DIODE		TB 11-2627-2 10/16/52
1B5 / 25S	12	3	2.0	0	0	C	DIODE		TB 11-2627-2 10/16/52
1B7G	7	7	1.5	32	20	E	AMPL	Mut.Cond.800. Pent.Section.	Hickok 3200-16 4/55
1B7G	12	7	1.5	60	38	E	AMPL	Mut.Cond.300. Osc.Sect. OK over 240 on 3000 scale..	TB 11-2627-2 10/16/52
1C	4	5	2.5	40	0	A	RECTIFIER STD.	See note D.	Nolan
1C	1	5	2.5	40	0	A	RECTIFIER STD.	See note D.	Nolan
EL1C	4	5	2.5	40	0	A	RECTIFIER STD.	See note D.	Nolan
EL1C	1	5	2.5	40	0	A	RECTIFIER STD.	See note D.	Nolan
1C5GT/G	8	5	1.5	55	36	E	AMPL	Mut.Cond.1550. See note E.	TB 11-2627-2 10/16/52
1C6	1	5	2.0	20	24	C	AMPL	Mut.Cond.650. See note D.	Hickok 3200-16 4/55
1C6	9	7	2.0	60	41	C	AMPL	Mut.Cond.300. Osc.Sect. OK over 240 on 3000 scale. See note D.	Hickok 3200-16 4/55
1C7G	2	5	2.0	20	24	E	AMPL	Mut.Cond.650. See note D.	Hickok 3200-16 4/55
1C7G	12	7	2.0	60	41	E	AMPL	Mut.Cond.300. Osc.Sect. OK over 240 on 3000 scale. See note D.	Hickok 3200-16 4/55
1C8	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
1C21	10	2	OFF	0	0	E	DIODE	Meter indication is optained when FIL control is switched to 50. See note D.	TB 11-2627-2 10/16/52
1D5G	2	5	2.0	27	24	E	AMPL	Mut.Cond. 750.	Hickok 3200-16 4/55
1D5GP	2	5	2.0	27	24	E	AMPL		TB 11-2627-2 10/16/52
1D7G	2	5	2.0	0	29	E	AMPL	Mut.Cond.750. See note D.	TB 11-2627-2 10/16/52
1D7G	12	7	2.0	60	35	E	AMPL	Mut.Cond.200. OK over 160. See note D.	TB 11-2627-2 10/16/52
1D8GT	8	5	1.5	35	41	E	AMPL	Mut.Cond.925.	TB 11-2627-2 10/16/52
1D8GT	11	5	1.5	11	9	E	AMPL	Mut.Cond.575.	TB 11-2627-2 10/16/52
1D8GT	5	1	1.5	0	0	E	DIODE		TB 11-2627-2 10/16/52
1E4G	7	5	1.5	32	30	E	AMPL	Mut.Cond.825.	TB 11-2627-2 10/16/52
1E5G	2	5	2.0	18	29	E	AMPL	Mut.Cond.640.	Hickok 3200-16 4/55
1E5GP	2	5	2.0	35	29	E	AMPL		TB 11-2627-2 10/16/52
1E7G	8	8	2.0	45	17	E	AMPL	Mut.Cond.1150.	TB 11-2627-2 10/16/52
1E7G	11	6	2.0	45	17	E	AMPL	Mut.Cond.1150.	TB 11-2627-2 10/16/52
1F4	1	5	2.0	51	19	B	AMPL	Mut.Cond.1400.	TB 11-2627-2 10/16/52
1F5G	8	5	2.0	51	19	E	AMPL	Mut.Cond.1400.	TB 11-2627-2 10/16/52
1F6	1	7	2.0	20	21	C	AMPL	Mut.Cond.650.	TB 11-2627-2 10/16/52
1F6	11	1	2.0	0	0	C	DIODE	OK over 500.	TB 11-2627-2 10/16/52
1F6	5	5	2.0	0	0	C	DIODE	OK over 500.	TB 11-2627-2 10/16/52
1F7G	1	5	2.0	20	21	E	AMPL	Mut.Cond.650.	TB 11-2627-2 10/16/52
1F7G	4	5	2.0	0	0	E	DIODE		TB 11-2627-2 10/16/52
1F7G	7	1	2.0	0	0	E	DIODE		TB 11-2627-2 10/16/52
1G4GT/G	7	5	1.5	33	40	E	AMPL	Mut.Cond.825. See note E.	TB 11-2627-2 10/16/52
1G5G	8	5	2.0	54	30	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
1G6GT/G	2	9	1.5	22	13	E	AMPL	Mut.Cond.675. Plate #1.	TB 11-2627-2 10/16/52
1G6GT/G	12	5	1.5	22	13	E	AMPL	Mut.Cond.675. Plate #2. See note E.	TB 11-2627-2 10/16/52
1H4G	7	5	2.0	36	33	E	AMPL	Mut.Cond.900.	TB 11-2627-2 10/16/52
1H5GT/G	8	5	1.5	60	13	E	AMPL	Mut.Cond.275. OK over 220 on 3000 scale. See note E.	Hickok 3200-16 4/55
1H5GT/G	8	1	1.5	0	0	E	DIODE		Hickok 3200-16 4/55
1H6G	7	8	2.0	60	23	E	AMPL	Mut.Cond.475. OK over 380.	Hickok 3200-16 4/55
1H6G	10	3	2.0	0	0	E	DIODE		Hickok 3200-16 4/55
1H6G	10	8	2.0	0	0	E	DIODE		Hickok 3200-16 4/55
1J5G	8	5	2.0	37	37	E	AMPL	Mut.Cond.950.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
1J6G	8	8	2.0	42	12	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
1J6G	11	6	2.0	42	12	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
1L4	1	7	1.5	43	16	H	AMPL	Mut.Cond.1025. Shorts on 4 and 5. See note E.	TB 11-2627-2 10/16/52
1L6	1	5	1.5	32	18	H	AMPL	Mut.Cond.825. Pentode Section	Hickok 3200-16 4/55
1L6	10	5	1.5	60	33	H	AMPL	Osc. Section. OK above 240.	Hickok 3200-16 4/55
1LA4	6	2	1.5	32	35	F	AMPL	Mut.Cond.800. See note E.	TB 11-2627-2 10/16/52
1LA6	6	3	1.5	32	20	F	AMPL	Pentode Section. Mut.Cond. 800.See notes D and E.	Hickok 3200-16 4/55
1LA6	2	8	1.5	60	38	F	AMPL	Osc.Sect. Mut.Cond.300. OK over 240. See notes D and E.	Hickok 3200-16 4/55
1LB4	6	2	1.5	38	42	F	AMPL	Mut.Cond.925.See note E.	TB 11-2627-2 10/16/52
1LB6	6	4	1.5	60	0	F	AMPL	Mut.Cond.100. Hept. Section. OK above 80.	Hickok 3200-16 4/55
1LB6	1	8	1.5	45	16	F	AMPL	Mut.Cond.1500. Osc. Section	Hickok 3200-16 4/55
1LC5	6	2	1.5	30	24	F	AMPL	Mut.Cond.775. Shorts on 4 and 5.	TB 11-2627-2 10/16/52
1LC6	6	3	1.5	41	19	F	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
1LC6	2	8	1.5	10	19	F	AMPL	Mut.Cond.550. See note D.	TB 11-2627-2 10/16/52
1LD5	6	2	1.5	14	23	F	AMPL	Mut.Cond.600. See note E.	TB 11-2627-2 10/16/52
1LD5	4	9	1.5	0	0	F	DIODE		TB 11-2627-2 10/16/52
1LE3	5	2	1.5	49	22	F	AMPL	Mut.Cond.1300. See note E.	TB 11-2627-2 10/16/52
1LF3	5	2	1.5	49	22	F	AMPL	Mut.Cond.1200.	TB 11-2627-2 10/16/52
1LG5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1LH4	6	3	1.5	60	13	F	AMPL	Osc.Sect. Mut.Cond.275. Ok over 220. See note E.	Hickok 3200-16 4/55
1LH4	10	10	1.5	0	0	F	DIODE		Hickok 3200-16 4/55
1LN5	6	2	1.5	28	9	F	AMPL	Mut.Cond.750. Shorts on 4 and 5. See note E.	TB 11-2627-2 10/16/52
1N5GT/G	8	5	1.5	28	9	E	AMPL	Mut.Cond.750.	TB 11-2627-2 10/16/52
1N6G	8	5	1.5	31	35	E	AMPL	Mut.Cond. 800.	TB 11-2627-2 10/16/52
1P5GT/G	8	5	1.5	31	9	E	AMPL	Mut.Cond.800. See note E.	TB 11-2627-2 10/16/52
1Q5GT/G	8	5	1.5	61	30	E	AMPL	Mut.Cond.2100.See note E.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
1Q6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1R4	10	5	1.5	0	0	F	DIODE		TB 11-2627-2 10/16/52
1R5	7	7	1.5	19	29	H	AMPL	Mut.Cond.600. Shorts on 4 and 5. See note D.	TB 11-2627-2 C1 10/5/53
1R5	1	7	1.5	0	25	H	AMPL	Mut.Cond.500. See notes D and E.	TB 11-2627-2 C1 10/5/53
1S4	8	6	1.5	0	0	H	DIODE	Ok over 200. See note E. Shorts on 1, 4, and 5.	TB 11-2627-2 4/7/49
1S4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1S5	6	6	1.5	9	28	H	AMPL	Mut.Cond.525. See note E.	TB 11-2627-2 10/16/52
1S5	3	6	1.5	0	0	H	DIODE		TB 11-2627-2 10/16/52
1S6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1SA6GT	3	4	1.5	39	19	E	AMPL	Mut.Cond.950.	TB 11-2627-2 10/16/52
1SB6GT	2	5	1.5	20	22	E	AMPL	Mut.Cond.650.	TB 11-2627-2 10/16/52
1T4	1	7	1.5	28	28	H	AMPL	Mut.Cond.750. Shorts on 4 and 5. See note E.	TB 11-2627-2 10/16/52
1T5GT	8	5	1.5	46	37	E	AMPL	Mut.Cond.1150. See note E.	TB 11-2627-2 10/16/52
1U4	2	5	1.5	35	12	H	AMPL	Shorts on 4 and 5. See note E.	TB 11-2627-2 10/16/52
1U5	2	5	1.5	9	28	H	AMPL	Mut.Cond.525. See note E.	TB 11-2627-2 10/16/52
1U5	8	1	1.5	0	0	H	DIODE		TB 11-2627-2 10/16/52
1U6	1	5	1.5	32	18	H	AMPL	Mut.Cond.825. Pentode Section	Hickok 3200-16 4/55
1V	1	5	6.3	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
1V5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1W4	2	5	1.5	40	37	H	AMPL	Mut.Cond.925.	Hickok 3200-16 4/55
1W5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1Z2	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
HA2	9	7	6.3	59	18	M	AMPL	Mut.Cond.1900. See note D.	Nolan
H2-10	7	1	2.5	0	0	A	RECTIFIER STD.	OK over 1000. See notes A and D.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
KR2	1	5	2.5	40	0	A	RECTIFIER STD.		Hickok 3200-16 4/55
ZA2	6	7	6.3	44	17	M	AMPL	Mut.Cond.1100.	Nolan
2A3	2	10	2.5	67	55	A	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
2A3H	2	10	2.5	67	55	A	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
2A4G	7	5	2.5	36	80	E	RECTIFIER STD.	Good tubes strikes between 35 and 45 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
2A5	8	5	2.5	60	24	C	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
2A6	7	6	2.5	28	9	C	AMPL	Mut.Cond.750.Triode Sect.	Hickok 3200-16 4/55
2A6	10	6	2.5	0	0	C	DIODE		Hickok 3200-16 4/55
2A6	10	3	2.5	0	0	C	DIODE		Hickok 3200-16 4/55
2A7	7	6	2.5	41	18	D	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
2A7	10	6	2.5	60	25	D	AMPL	Mut.Cond.400.Good over 320. See Note D.	TB 11-2627-2 10/16/52
2B4	1	6	2.5	40	80	B	RECTIFIER STD.	Good tubes strikes between 45 and 55 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
2B6	3	2	2.5	15	30	D	AMPL	Mut.Cond.600.	TB 11-2627-2 10/16/52
2B6	7	6	2.5	64	12	D	AMPL	Mut.Cond.2500. Shorts on 3.	TB 11-2627-2 10/16/52
2B7	7	6	2.5	41	25	D	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
2B7	10	6	2.5	0	0	D	DIODE		TB 11-2627-2 10/16/52
2B7	10	3	2.5	0	0	D	DIODE		TB 11-2627-2 10/16/52
2B21	7	1	2.5	0	0	A	RECTIFIER STD.	OK over 1000. See notes A and D.	Nolan
2B23	7	5	6.3	66	0	E	0Z4	See note D.	TB 11-2627-2 10/16/52
2B26	2	7	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
2C4	11	9	2.5	40	80	H	RECTIFIER STD.	Tube strikes at approximately 60 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
2C21	10	3	6.3	51	14	D	AMPL	Mut.Cond.1350. Plate #1.	TB 11-2627-2 10/16/52
2C21	3	3	6.3	51	14	D	AMPL	Mut.Cond.1350. Plate #2.	TB 11-2627-2 10/16/52
2C22	7	2	6.3	67	11	E	AMPL	Mut.Cond.3000. See note B.	TB 11-2627-2 10/16/52
2C23	2	10	7.5	50	32	A	AMPL	Mut.Cond.1250.	Nolan
2C26	7	2	6.3	54	15	E	AMPL	Mut.Cond.1500. See note A.	TB 11-2627-2 10/16/52
2C26A	7	2	6.3	54	15	E	AMPL	See note A.	TB 11-2627-2 10/16/52
2C34	1	5	6.3	50	30	D	AMPL	Connect right plate cap to upper right contact on A socket with lead provided.	TB 11-2627-2 10/16/52
2C34	7	5	6.3	50	30	D	AMPL	Connect left plate cap to upper right contact on A socket with lead provided.	TB 11-2627-2 10/16/52
2C45	2	10	7.5	62	30	A	AMPL	Mut.Cond.2200.	Hickok 3200-16 4/55
2C50	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2C51	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2C52	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2C53	9	5	6.3	0	0	E	AMPL	Connect plate cap to upper center contact on D socket with lead provided. OK over 900. See bote D.	TB 11-2627-2 10/16/52
2D21	4	8	6.3	40	80	K	RECTIFIER STD.	Good tube strikes between 25 and 30 on R when this control is rotated counterclockwise. Shorts on 2 and 3. See note D.	TB 11-2627-2 10/16/52
2E5	12	3	2.5	0	0	C	AMPL	Eye open.	Nolan
2E5	12	2	2.5	0	0	C	AMPL	Eye closed.	Nolan
2E22	12	1	6.3	71	0	B	AMPL	Mut.Cond.4000. See note A.	TB 11-2627-2 10/16/52
2E24	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2E25	8	5	6.3	67	0	E	AMPL	Mut.Cond.3000. Connect cap to upper right-hand contact of B socket with lead provided.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
2E26	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2E30	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2E31	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2E32	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2E35	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2E41	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
2G5	12	3	6.3	0	0	C	AMPL	Eye open.	Nolan
2G5	12	2	6.3	0	0	C	AMPL	Eye closed.	Nolan
G2S	7	7	2.5	25	0	B	RECTIFIER STD.	Plate Number 1.	Hickok 3200-16 4/55
G2S	5	1	2.5	25	0	B	RECTIFIER STD.	Plate Number 2.	Hickok 3200-16 4/55
2V3G	7	1	2.5	0	0	E	RECTIFIER STD.	OK over 500. See notes A and D.	TB 11-2627-2 10/16/52
2W3	4	11	2.5	33	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
2X2	7	1	2.5	0	0	A	RECTIFIER STD.	OK over 1000. See notes A and D.	TB 11-2627-2 10/16/52
2X2A	7	1	2.5	0	0	A	RECTIFIER STD.	OK over 1000. See notes A and D.	TB 11-2627-2 10/16/52
2Z2	2	7	2.5	35	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
3A4	10	2	2.5	40	0	H	DIODE	Shorts on 2, 3, 4, and 5. See note E.	TB 11-2627-2 4/7/49
3A4	11	2	1.5	0	82	H	DIODE	Shorts on 3, 4, and 5.	Hickok 3200-16 4/55
3A4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
3A5	8	8	3.0	60	12	H	AMPL	Mut.Cond.2000. Shorts on 4 and 5. See note E.	TB 11-2627-2 10/16/52
3A5	6	2	3.0	60	18	H	AMPL	Mut.Cond.2000. Shorts on 4 and 5.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
3A8GT	8	5	2.5	28	10	E	AMPL	Mut.Cond.750.Shorts on 1. See note E.	Hickok 3200-16 4/55
3A8GT	11	5	2.5	0	0	E	AMPL	Mut.Cond.500.OK over 400.	Hickok 3200-16 4/55
3A8GT	5	1	2.5	0	0	E	DIODE		Hickok 3200-16 4/55
3AL5	12	2	3.0	50	0	K	DIODE	Diode Section 1.Short on 2.	Hickok 3200-16 4/55
3AL5	1	1	3.0	50	0	K	DIODE	Diode Section 2.Short on 2.	Hickok 3200-16 4/55
3AU6	1	9	3.0	62	16	K	AMPL	Mut.Cond.2300.	Hickok 3200-16 4/55
3AV6	12	2	3.0	50	10	K	AMPL	Mut.Cond.1250.Triode Section.	Nolan
3AV6	3	8	3.0	0	0	K	DIODE	Diode No. 1	Nolan
3AV6	2	8	3.0	0	0	K	DIODE	Diode No. 2	Nolan
3AV6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
3B4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
3B5GT	8	5	2.5	54	49	E	AMPL	Mut.Cond.1500. Shorts on 4 and 5.	TB 11-2627-2 10/16/52
3B7	6	6	2.5	35	25	F	DIODE	Shorts on 4 and 5. Plate No. 1. Reads in Green Sector	TB 11-2627-2 4/7/49
3B7	1	6	2.5	35	25	F	DIODE	Shorts on 4 and 5. Plate No. 2. Reads in Green Sector	TB 11-2627-2 4/7/49
3B7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
3B22	4	5	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
3B22	1	5	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
3B23	10	4	2.5	55	0	A	DIODE	Connect tube cap nearest operator. See notes A and D.	TB 11-2627-2 10/16/52
3B23	10	4	2.5	55	0	A	DIODE	Connect tube cap away from operator. See notes A and D.	TB 11-2627-2 10/16/52
3B24	7	1	2,5	5	0	A	RECTIFIER STD.	Shorts on 4 and 5. See notes A and D.	TB 11-2627-2 10/16/52
3B26	7	2	2,5	20	0	E	DIODE	See notes A and D.	TB 11-2627-2 10/16/52
3B28	7	1	2,5	40	0	A	RECTIFIER STD.	See notes A and D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
3B29	7	2	2,5	20	0	A	DIODE	See notes A and D.	TB 11-2627-2 10/16/52
3BA6	7	9	3.0	70	0	K	AMPL	Mut.Cond.4300.	Hickok 3200-16 4/55
3BC5	7	9	3.0	55	19	K	AMPL	Mut.Cond.1600. Shorts on 4 and 5.	Hickok 3200-16 4/55
3BE6	7	9	3.0	55	23	K	AMPL	Mut.Cond.1600.	Nolan
3BN6	10	4	3.0	0	0	K	AMPL	Mut.Cond.500.	Hickok 3200-16 4/55
3BN6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
3BY6	4	9	3.0	47	28	K	AMPL	Mut.Cond.1200.	Hickok 3200-16 4/55
3BZ6	1	9	3.0	64	17	K	AMPL	Mut.Cond.2500.	Hickok 3200-16 4/55
3C23	9	2	3.0	40	80	A	RECTIFIER STD.	Tube strikes at approximately 26 when R control is rotated counterclockwise. See notes A and D.	TB 11-2627-2 10/16/52
3C24	3	2	6.3	30	20	A	AMPL	Connect top terminal of tube under test to upper contact of 5 pin (B) socket. Use separate lead provided. Connect side terminal of tube under test to cap lead. See note D.	TB 11-2627-2 C5 3/19/57
3CB6	1	9	3.0	62	18	K	AMPL	Mut.Cond.2200.	Hickok 3200-16 4/55
3CF6	1	9	3.0	62	18	K	AMPL	Mut.Cond.2200.	Nolan
3CS6	4	9	3.0	30	33	K	AMPL	Mut.Cond.800.	Hickok 3200-16 4/55
3D6	6	2	2.5	61	30	F	AMPL	Mut.Cond.2100. Shorts on 1. See note E.	TB 11-2627-2 10/16/52
3E6	6	2	3.0	55	16	F	AMPL	Mut.Cond.1600. Shorts on 4 and 5.	TB 11-2627-2 10/16/52
3E29	7	2	12.6	70	14	E	AMPL	Plate No. 1. Use Adapter M-418.	TM 11-2627 **C1** 10/24/45
3E29	4	2	12.6	70	14	E	AMPL	Plate No. 2. Use Adapter M-418.	TM 11-2627 **C1** 10/24/45
3E29	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
3LE4	6	2	2.5	45	45	F	AMPL	Mut.Cond.1100. Short on 1.	Hickok 3200-16 4/55
3LF4	6	2	3.0	62	20	F	AMPL	Mut.Cond.1500. Shorts on 1. See note E.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
3Q4	4	2	3.0	50	35	E	AMPL	Mut.Cond.850. See note E. Use adapter #4.	TB 11-2627-2 4/7/49
3Q4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
3Q5GT/G	8	5	3.0	58	31	E	AMPL	Mut.Cond.1800. Shorts on 4 and 5. See note E.	TB 11-2627-2 10/16/52
3S4	4	6	3.0	31	0	H	DIODE	Mut.Cond.750. Shorts on 3, 4, and 5. See note E.	TB 11-2627-2 4/7/49
3S4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
3V4	1	7	3.0	56	28	H	AMPL	Mut.Cond.1650. Shorts on 4 and 5. See note E.	TB 11-2627-2 10/16/52
4A6G	2	9	3.0	41	0	E	AMPL	Mut.Cond.1000. Plate #1.	TB 11-2627-2 10/16/52
4A6G	12	5	3.0	41	13	E	AMPL	Mut.cond.1000. Plate #2.	TB 11-2627-2 10/16/52
4AU6	1	9	4.3	62	16	K	AMPL	Mut.Cond.2300.	Nolan
4AV6	12	2	4.3	50	10	K	AMPL	Mut.Cond.1250. Triode Section.	Nolan
4AV6	3	8	4.3	0	0	K	DIODE	Diode No. 1	Nolan
4AV6	2	8	4.3	0	0	K	DIODE	Diode No. 2	Nolan
4AV6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
4BN6	10	4	4.3	0	0	K	AMPL	Mut.Cond.500.	Nolan
4BN6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
4BZ6	1	9	4.3	64	17	K	AMPL	Mut.Cond.2500.	Nolan
4CB6	1	9	4.3	62	18	K	AMPL	Mut.Cond.2200.	Nolan
4CS6	4	9	4.3	30	33	K	AMPL	Mut.Cond.800.	Nolan
4DE6	1	9	4.3	62	18	K	AMPL	Mut.Cond.2200.	Nolan
G4S	7	7	2.5	25	0	B	RECTIFIER STD.	Plate Number 1.	Hickok 3200-16 4/55
G4S	5	1	2.5	25	0	B	RECTIFIER STD.	Plate Number 2.	Hickok 3200-16 4/55
KR5	1	5	6.3	60	23	B	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
5A6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
5AQ5	8	5	5.0	70	17	L	AMPL	Mut.Cond.3700.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
5AU4	4	11	5.0	40	0	E	RECTIFIER STD.	Plate No. 1.	Hickok 3200-16 4/55
5AU4	5	11	5.0	40	0	E	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
5AW4	4	11	5.0	40	0	E	RECTIFIER STD.	Plate No. 1.	Hickok 3200-16 4/55
5AW4	5	11	5.0	40	0	E	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
5AX4	4	11	5.0	40	0	E	RECTIFIER STD.	Plate No. 1.	Hickok 3200-16 4/55
5AX4	5	11	5.0	40	0	E	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
5AZ4	11	9	5.0	40	0	E	RECTIFIER STD.	Plate No. 1.	Hickok 3200-16 4/55
5AZ4	10	9	5.0	40	0	E	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
5J6	1	2	5.0	72	0	K	AMPL	Mut.Cond.5000. Triode No.1.	Hickok 3200-16 4/55
5J6	11	8	5.0	72	0	K	AMPL	Mut.Cond.5000. Triode No.2.	Hickok 3200-16 4/55
5R4GY	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5R4GY	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5T4	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5T4	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5U4G	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5U4G	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5V4G	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5V4G	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5V6	8	5	5.0	67	25	E	AMPL	Mut.Cond.3000.	Hickok 3200-16 4/55
5W4GT/G	4	11	5.0	33	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
5W4GT/G	5	11	5.0	33	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5X3	2	7	5.0	26	0	E	RECTIFIER STD.	Plate No. 1.	Hickok 3200-16 4/55
5X3	3	7	5.0	26	0	E	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
5X4G	7	9	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5X4G	12	4	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5Y3GT/G	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5Y3GT/G	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5Y4G	7	9	5.0	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5Y4G	12	4	5.0	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5Z3	2	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5Z3	3	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5Z4GT/G	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5Z4GT/G	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6A3	2	10	6.3	67	55	A	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
6A4	1	5	6.3	60	23	B	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
6A4/LA	1	5	6.3	60	23	B	AMPL	Mut.Cont.3000.	TB 11-2627-2 10/16/52
6A5G	7	5	6.3	67	55	E	AMPL	Mut.Cond.3000. Shorts on 4 and 5	TB 11-2627-2 10/16/52
6A6	1	5	6.3	53	10	D	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6A6	12	5	6.3	53	10	D	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6A7	7	6	6.3	41	18	D	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
6A7	10	6	6.3	60	25	D	AMPL	Mut.Cond.400. OK over 320. See note D.	TB 11-2627-2 10/16/52
6A8	7	7	6.3	41	18	E	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6A8	12	7	6.3	60	30	E	AMPL	Mut.Cond.300. OK over 240. See note D.	TB 11-2627-2 10/16/52
6AB4	11	9	6.3	70	8	K	AMPL	Mut.Cond.4000.	Hickok 3200-16 4/55
6AB4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AB5	12	3	6.3	0	0	C	AMPL	Eye open.	TB 11-2627-2 10/16/52
6AB5	12	2	6.3	0	0	C	AMPL	Eye closed.	TB 11-2627-2 10/16/52
6AB6G	8	5	6.3	53	0	E	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
6AB7	4	2	6.3	69	8	E	AMPL	Mut.Cond.3500.	TB 11-2627-2 10/16/52
6AC5GT/G	8	5	6.3	40	0	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6AC6G	8	5	6.3	63	0	E	AMPL	Mut.Cond.2400.	TB 11-2627-2 10/16/52
6AC7	4	2	6.3	71	10	E	AMPL	Mut.Cond.3500.	Hickok 3200-16 4/55
6AD5	7	5	6.3	43	10	E	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
6AD6G	2	8	6.3	0	0	E	AMPL	Eye No.1 open. Eye No.2 closed.	TB 11-2627-2 10/16/52
6AD6G	3	8	6.3	0	0	E	AMPL	Eye no.2 open. Eye No.1 closed.	TB 11-2627-2 10/16/52
6AD7G	8	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
6AD7G	5	5	6.3	60	65	E	DIODE	Mut.Cond.325. OK over 260.	TB 11-2627-2 10/16/52
6AE5	7	5	6.3	47	56	E	AMPL	Mut.Cond.1200.	TB 11-2627-2 10/16/52
6AE6G	7	5	6.3	34	0	E	AMPL	Mut.Cond.850.	TB 11-2627-2 10/16/52
6AE6G	10	5	6.3	28	0	E	AMPL	Mut.Cond.750.	TB 11-2627-2 10/16/52
6AE7GT	1	8	6.3	54	27	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6AE7GT	8	8	6.3	54	27	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6AF5G	8	5	6.3	53	42	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6AF6G	2	8	6.3	0	0	E	AMPL	Eye No.1 open. Eye No.2 closed.	TB 11-2627-2 10/16/52
6AF6G	3	8	6.3	0	0	E	AMPL	Eye No.2 open. Eye No.1 closed.	TB 11-2627-2 10/16/52
6AG5	1	9	6.3	67	0	K	AMPL	Mut.Cond.3000. Shorts on 4 and 5	Hickok 3200-16 4/55
6AG5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AG7	4	2	6.3	72	15	E	AMPL	Mut.Cond.5000.	TB 11-2627-2 10/16/52
6AH6	7	9	6.3	68	15	K	AMPL	Mut.Cond.5000.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6AH7GT	7	9	6.3	60	35	E	Gas No. 1	Mut.Cond.2000. Shorts on 2 and 3.	TB 11-2627-2 10/16/52
6AH7GT	11	9	6.3	60	35	E	Gas No. 1	Mut.Cond.2000. Shorts on 3, 4, and 5.	TB 11-2627-2 10/16/52
6AJ5	1	9	6.3	65	22	K	AMPL	Mut.Cond.2750. Shorts on 4 and 5.	Hickok 3200-16 4/55
6AJ5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AK5	1	9	6.3	55	20	K	AMPL	Mut.Cond.1500. Shorts on 4 and 5.	Hickok 3200-16 4/55
6AK5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AK6	1	9	6.3	66	24	K	AMPL	Mut.Cond.2100.	TB 11-2627-2 10/16/52
6AL5	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	TB 11-2627-2 10/16/52
6AL5	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	TB 11-2627-2 10/16/52
6AL6G	8	5	6.3	73	19	E	AMPL	Mut.Cond.5000. Connect cap of tube to upper center contact of 5 pin (B) socket. Use special lead provided.	TB 11-2627-2 10/16/52
6AL7	1	8	6.3	60	VARY	E	AMPL	Potentiometer R controls left pattern.	TB 11-2627-2 10/16/52
6AL7	2	8	6.3	60	VARY	E	AMPL	Potentiometer R controls right pattern.	TB 11-2627-2 10/16/52
6AL7	7	7	6.3	60	VARY	E	AMPL	Potentiometer R controls both patterns.	TB 11-2627-2 10/16/52
6AN5	1	9	6.3	75	9	K	AMPL	Mut.Cond.8000. Shorts on 4 and 5.	Hickok 3200-16 4/55
6AN5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AN6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AQ5	8	5	6.3	70	17	L	AMPL	Mut.Cond.3700.	TB 11-2627-2 10/16/52
6AQ6	12	2	6.3	45	5	K	AMPL	Mut.Cond.1150.	TB 11-2627-2 10/16/52
6AQ6	4	8	6.3	0	82	K	DIODE		TB 11-2627-2 10/16/52
6AQ6	1	8	6.3	0	82	K	DIODE		TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6AQ7	9	2	6.3	40	0	G	AMPL	Mut.Cond.1000. Triode Section.	Hickok 3200-16 4/55
6AQ7	2	8	6.3	0	0	G	DIODE	Diode Section.	Hickok 3200-16 4/55
6AQ7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AR5	1	9	6.3	48	35	K	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52
6AR6	8	5	6.3	71	36	E	AMPL	Use Adapter # 3.	TB 11-2627-2 10/30/46
6AR6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AS6	1	9	6.3	42	15	K	AMPL	Mut.Cond.1750.	TB 11-2627-2 10/16/52
6AS7G	>	>	6.3	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AT6	11	4	6.3	47	15	K	AMPL	Mut.Cond.1200.	TB 11-2627-2 10/16/52
6AT6	4	8	6.3	0	0	K	DIODE		TB 11-2627-2 10/16/52
6AT6	1	8	6.3	0	0	K	DIODE		TB 11-2627-2 10/16/52
6AU4	12	4	6.3	40	0	G	RECTIFIER STD.		Hickok 3200-16 4/55
6AU6	1	9	6.3	62	16	K	AMPL	Mut.Cond.2300.	Hickok 3200-16 4/55
6AU6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AV6	12	2	6.3	50	10	K	AMPL	Mut.Cond.1250. Triode Section.	Hickok 3200-16 4/55
6AV6	3	8	6.3	0	0	K	DIODE	Diode No. 1	Hickok 3200-16 4/55
6AV6	2	8	6.3	0	0	K	DIODE	Diode No. 2	Hickok 3200-16 4/55
6AV6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6AX4	7	1	6.3	40	0	G	RECTIFIER STD.		Hickok 3200-16 4/55
6AX5	2	9	6.3	33	0	E	RECTIFIER STD.	Plate No. 1.	Hickok 3200-16 4/55
6AX5	10	2	6.3	33	0	E	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
6AX6	7	2	6.3	40	0	E	RECTIFIER STD.	Plate No. 1.	Hickok 3200-16 4/55
6AX6	8	7	6.3	40	0	E	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
6B4G	7	5	6.3	67	55	E	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
6B5	8	5	6.3	52	0	C	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6B6	7	5	6.3	28	9	E	AMPL	Mut.Cond.750.	Hickok 3200-16 4/55
6B6	10	5	6.3	0	0	E	DIODE		Hickok 3200-16 4/55
6B6	10	2	6.3	0	0	E	DIODE		Hickok 3200-16 4/55
6B6G	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6B7	7	6	6.3	41	25	D	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6B7	10	6	6.3	0	0	D	DIODE		TB 11-2627-2 10/16/52
6B7	10	3	6.3	0	0	D	DIODE		TB 11-2627-2 10/16/52
6B8	7	5	6.3	42	25	E	AMPL	Mut.Cond.1000. Pent.Sect.	Hickok 3200-16 4/55
6B8	10	5	6.3	0	0	E	DIODE		Hickok 3200-16 4/55
6B8	10	2	6.3	0	0	E	DIODE		Hickok 3200-16 4/55
6B8	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6B8G	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6BA6	7	9	6.3	70	0	K	AMPL	Mut.Cond.4300.	TB 11-2627-2 10/16/52
6BC5	7	9	6.3	55	19	K	AMPL	Mut.Cond.1600. Shorts on 4 and 5.	Hickok 3200-16 4/55
6BD6	7	9	6.3	49	22	K	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
6BE6	7	9	6.3	55	23	K	AMPL	Mut.Cond.1600.	T.O. 33AA21-1-4 5/20/55
6BF5	8	5	6.3	60	40	L	AMPL	Ok over 1200.	TB 11-2627-2 10/16/52
6BF6	11	2	6.3	59	20	K	AMPL	Mut.Cond.1900.	Hickok 3200-16 4/55
6BF6	4	8	6.3	0	0	K	DIODE	Diode No. 1.	Hickok 3200-16 4/55
6BF6	1	8	6.3	0	0	K	DIODE	Diode No. 2.	Hickok 3200-16 4/55
6BF6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6BG6G	9	6	6.3	44	12	E	AMPL	Set MICROMHOS switch to 15,000. Connect cap of tube to upper right-hand contact of 6 pin (C) socket. Use special lead provided.	TB 11-2627-2 10/16/52
6BH6	1	9	6.3	60	12	A	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
6BH6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6BJ6	7	9	6.3	70	10	K	AMPL	Mut.Cond.3800.	TB 11-2627-2 10/16/52
6BK6	11	2	6.3	47	5	K	AMPL	Mut.Cond.1250.	Hickok 3200-16 4/55
6BK6	9	10	6.3	40	0	K	DIODE	Diode No. 1.	Hickok 3200-16 4/55
6BK6	8	10	6.3	40	0	K	DIODE	Diode No. 2.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6BL7	4	1	6.3	70	26	G	AMPL	Mut.Cond.4000. Shorts on 2 and 3. Triode No. 1.	Hickok 3200-16 4/55
6BL7	10	4	6.3	70	26	G	AMPL	Mut.Cond.4000. Shorts on 2 and 3. Triode No. 2.	Hickok 3200-16 4/55
6BN6	10	4	6.3	0	0	K	AMPL	Mut.Cond.500.	Hickok 3200-16 4/55
6BN6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6BQ6	8	5	6.3	71	41	E	AMPL	Mut.Cond.4500. Connect cap to upper right contact of 4-pin socket.	Hickok 3200-16 4/55
6BY5	7	2	6.3	40	0	E	RECTIFIER STD.	Plate No. 1. Shorts on 1, 4, and 5.	Hickok 3200-16 4/55
6BY5	3	9	6.3	40	0	E	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
6BY6	4	9	6.3	47	28	K	AMPL	Mut.Cond.1200.	Hickok 3200-16 4/55
6BZ6	1	9	6.3	64	17	K	AMPL	Mut.Cond.2500.	Hickok 3200-16 4/55
6C4	2	9	6.3	67	20	L	AMPL	Mut.Cond.2200. See note D.	TB 11-2627-2 10/16/52
6C5	7	5	6.3	60	17	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
6C6	1	7	6.3	49	17	C	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
6C7	7	6	6.3	49	24	D	AMPL	Mut.Cond.1250.	TB 11-2627-2 10/16/52
6C7	10	6	6.3	0	0	D	DIODE		TB 11-2627-2 10/16/52
6C7	10	3	6.3	0	0	D	DIODE		TB 11-2627-2 10/16/52
6C8G	8	7	6.3	42	14	E	AMPL	Mut.Cond.1000. No.1. Plate	TB 11-2627-2 10/16/52
6C8G	11	7	6.3	42	14	E	AMPL	Mut.Cond.1000. No.2. Plate	TB 11-2627-2 10/16/52
6CB6	1	9	6.3	62	18	K	AMPL	Mut.Cond.2200.	Hickok 3200-16 4/55
6CD6	9	6	6.3	74	34	E	AMPL	Mut.Cond.6500. Connect top cap to upper right contact of 6-pin socket.	Hickok 3200-16 4/55
6CF6	1	9	6.3	62	18	K	AMPL	Mut.Cond.2200.	Hickok 3200-16 4/55
6CR6	7	7	6.3	60	18	K	AMPL	Mut.Cond.1950.	Hickok 3200-16 4/55
6CR6	5	1	6.3	0	18	K	DIODE	Diode Section	Hickok 3200-16 4/55
6CS6	4	9	6.3	30	33	K	AMPL	Mut.Cond.800.	Hickok 3200-16 4/55
6CU6	8	5	6.3	71	41	E	AMPL	Mut.Cond.4500. Connect cap to upper right contact of 4-pin socket.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6D4	11	2	6.3	40	80	K	RECTIFIER STD.	Strikes between 56 and 64 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
6D5	7	5	6.3	60	47	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
6D6	1	7	6.3	56	17	C	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52
6D7	7	6	6.3	48	20	D	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
6D8G	7	7	6.3	41	22	E	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
6D8G	12	7	6.3	60	20	E	AMPL	Mut.Cond.300. OK over 240. See note D.	TB 11-2627-2 10/16/52
6DB6	4	9	6.3	53	17	K	AMPL	Mut.Cond.1500.	Hickok 3200-16 4/55
6DC6	7	9	6.3	64	21	K	AMPL	Mut.Cond.2500.	Hickok 3200-16 4/55
6DE6	1	9	6.3	62	18	K	AMPL	Mut.Cond.2200.	Hickok 3200-16 4/55
6E5	12	3	6.3	0	0	C	AMPL	Eye open.	TB 11-2627-2 10/16/52
6E5	12	2	6.3	0	0	C	AMPL	Eye closed.	TB 11-2627-2 10/16/52
6E6	1	5	6.3	52	23	D	AMPL	Mut.Cond.1400.	TB 11-2627-2 10/16/52
6E6	12	5	6.3	52	23	D	AMPL	Mut.Cond.1400.	TB 11-2627-2 10/16/52
6E7	7	6	6.3	55	20	D	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6F4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6F5	10	5	6.3	43	10	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6F6GT/G	8	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
6F7	7	6	6.3	45	23	D	AMPL	Mut.Cond.1100.	TB 11-2627-2 10/16/52
6F7	10	6	6.3	60	23	D	AMPL	Mut.Cond.450. OK over 360.	TB 11-2627-2 10/16/52
6F8G	8	7	6.3	60	13	E	AMPL	Mut.Cond.2000. Plate No. 1.	TB 11-2627-2 10/16/52
6F8G	11	7	6.3	60	13	E	AMPL	Mut.Cond.2000. Plate No. 2.	TB 11-2627-2 10/16/52
6G5	12	3	6.3	0	0	C	AMPL	Eye open.	TB 11-2627-2 10/30/46
6G5	12	2	6.3	0	0	C	AMPL	Eye closed.	TB 11-2627-2 10/30/46
6G6G	8	5	6.3	61	19	E	AMPL	Mut.Cond.2100.	TB 11-2627-2 10/16/52
6H46T	4	8	6.3	50	0	E	DIODE		TB 11-2627-2 10/16/52
6H6	7	2	6.3	50	0	E	DIODE		TB 11-2627-2 10/16/52
6H6	7	5	6.3	50	0	E	DIODE		TB 11-2627-2 10/16/52
6J4	8	4	6.3	74	0	L	AMPL	Mut.Cond.6000. Short on 3.	Hickok 3200-16 4/55
6J4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6J5GT/G	7	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
6J6	1	2	6.3	69	11	K	AMPL	Mut.Cond.5000. See note D.	TB 11-2627-2 10/16/52
6J6	11	8	6.3	69	11	K	AMPL	Mut.Cond.5000. See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6J7	1	9	6.3	48	18	E	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
6J8G	8	5	6.3	41	15	E	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
6J8G	11	5	6.3	0	25	E	AMPL	Mut.Cond.500. See note D.	TB 11-2627-2 10/16/52
6K4	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6K5GT/G	7	5	6.3	40	17	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6K6GT/G	8	5	6.3	55	28	E	AMPL	Mut.Cond.1600.	Hickok 3200-16 4/55
6K7	8	5	6.3	54	16	E	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
6K8	8	5	6.3	41	9	E	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
6K8	11	5	6.3	63	9	E	AMPL	Mut.Cond.2400. See note D.	TB 11-2627-2 10/16/52
6L5G	7	5	6.3	56	22	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6L6	8	5	6.3	63	20	E	AMPL	Mut.Cond.5000. Set MICROMHOS switch to 6000.	TB 11-2627-2 C1 10/5/53
6L7	1	9	6.3	20	19	E	AMPL	Mut.Cond.650. See note D.	TB 11-2627-2 10/16/52
6L7	8	5	6.3	20	22	E	AMPL	Mut.Cond.650. See note D.	TB 11-2627-2 10/16/52
6N4	7	5	6.3	71	17	L	AMPL		TB 11-2627-2 10/16/52
6N5	12	3	6.3	0	0	C	AMPL	Eye open.	TB 11-2627-2 10/16/52
6N5	12	2	6.3	0	0	C	AMPL	Eye closed.	TB 11-2627-2 10/16/52
6N6G	8	5	6.3	52	0	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6N7	2	9	6.3	53	10	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6N7	12	5	6.3	53	10	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
6P5GT/G	7	5	6.3	53	24	E	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
6P7G	3	12	6.3	45	23	E	AMPL	Mut.Cond.1100.	TB 11-2627-2 10/16/52
6P7G	6	12	6.3	60	23	E	AMPL	Mut.Cond.450. OK over 360.	TB 11-2627-2 10/16/52
6Q5G	7	5	6.3	40	80	E	RECTIFIER STD.	Good tube indicates between 40 and 50 when R is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
6Q6G	7	5	6.3	40	14	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6Q6G	7	2	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52
6Q7	7	5	6.3	33	14	E	AMPL	Mut.Cond.800.	TB 11-2627-2 10/16/52
6Q7	10	5	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52
6Q7	10	2	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52
6R7GT/G	7	5	6.3	60	17	E	AMPL	Mut.Cond.1900.	TB 11-2627-2 10/16/52
6R7GT/G	10	5	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52
6R7GT/G	10	2	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6S7	8	5	6.3	57	22	E	AMPL	Mut.Cond.1750.	TB 11-2627-2 10/16/52
6S7G	8	5	6.3	57	22	E	AMPL	Mut.Cond.1750.	TB 11-2627-2 10/16/52
6S8	5	9	6.3	36	8	G	AMPL	Mut.Cond.900. Triode Section	Hickok 3200-16 4/55
6S8	2	9	6.3	0	0	G	DIODE	Diode No.1.	Hickok 3200-16 4/55
6S8	3	9	6.3	0	0	G	DIODE	Diode No.2.	Hickok 3200-16 4/55
6S8	1	2	6.3	0	0	G	DIODE AND 117N7	Diode No.3.	Hickok 3200-16 4/55
6SA7GT/G	1	7	6.3	28	17	E	AMPL	Mut.Cond.750. See note D.	TB 11-2627-2 10/16/52
6SA7GT/G	7	7	6.3	28	17	E	AMPL	Mut.Cond.750. See note D.	TB 11-2627-2 10/16/52
6SB7	1	7	6.3	52	13	E	AMPL	Mut.Cond.750. See note D.	TB 11-2627-2 10/16/52
6SB7	7	7	6.3	60	33	E	AMPL	Mut.Cond.300. OK over 240. See note D.	TB 11-2627-2 10/16/52
6SC7	10	3	6.3	42	0	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6SC7	1	3	6.3	42	0	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6SD7GT	4	2	6.3	64	13	E	AMPL	Mut.Cond.2500.	TB 11-2627-2 10/16/52
6SF5	7	4	6.3	56	13	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6SF7	6	7	6.3	60	0	G	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
6SF7	8	1	6.3	0	0	G	DIODE		Hickok 3200-16 4/55
6SG7	4	2	6.3	68	10	E	AMPL	Mut.Cond.3300.	TB 11-2627-2 10/16/52
6SH7	4	2	6.3	69	0	E	AMPL	Mut.Cond.3400.	TB 11-2627-2 10/16/52
6SJ7	4	2	6.3	56	18	E	AMPL	Mut.Cond.1575	TB 11-2627-2 10/16/52
6SK7GT/G	4	2	6.3	59	18	E	AMPL	Mut.Cond.1900.	TB 11-2627-2 10/16/52
6SL7GT	4	1	6.3	53	0	G	AMPL	Mut.Cond.1400. Shorts on 2 and 3.	Nolan
6SL7GT	10	4	6.3	53	0	G	AMPL	Mut.Cond.1400. Shorts on 2 and 3.	Nolan
6SL7GT	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6SN7GT	4	1	6.3	56	24	G	AMPL	Mut.Cond.1650.Shorts on 2 and 3.	Hickok 3200-16 4/55
6SN7GT	10	4	6.3	56	24	G	AMPL	Mut.Cond.1650. Shorts on 2 and 3.	Hickok 3200-16 4/55
6SN7GT	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6SQ7	6	6	6.3	42	0	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6SQ7	3	7	6.3	0	0	G	DIODE		TB 11-2627-2 10/16/52
6SQ7	7	1	6.3	0	0	G	DIODE		TB 11-2627-2 10/16/52
6SR7	6	6	6.3	59	15	G	AMPL	Mut.Cond.1900. Triode Section	Hickok 3200-16 4/55
6SR7	3	7	6.3	0	0	G	DIODE	Diode No. 1.	Hickok 3200-16 4/55
6SR7	7	1	6.3	0	0	G	DIODE	Diode No. 2.	Hickok 3200-16 4/55
6SR7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6SS7	4	2	6.3	58	16	E	AMPL	Mut.Cond.1850.	TB 11-2627-2 10/16/52
6ST7	6	7	6.3	59	12	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6ST7	3	7	6.3	0	0	G	DIODE	Diode #1.	TB 11-2627-2 10/16/52
6ST7	7	1	6.3	0	0	G	DIODE	Diode #2.	TB 11-2627-2 10/16/52
6SU7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
6SV7	6	7	6.3	61	9	G	AMPL	Mut.Cond.2100. Pentode Section	Hickok 3200-16 4/55
6SV7	8	1	6.3	40	0	G	DIODE	Diode Section.	Hickok 3200-16 4/55
6SZ7	6	7	6.3	45	5	G	AMPL	Mut.Cond.1200. Triode Section.	Hickok 3200-16 4/55
6SZ7	8	1	6.3	0	0	G	DIODE	Diode No. 1.	Hickok 3200-16 4/55
6SZ7	3	6	6.3	0	0	G	DIODE	Diode No. 2.	Hickok 3200-16 4/55
6T7G	7	5	6.3	40	14	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6T7G	10	5	6.3	0	0	E	DIODE	Diode #1.	TB 11-2627-2 10/16/52
6T7G	10	2	6.3	0	0	E	DIODE	Diode #2.	TB 11-2627-2 10/16/52
6U4	12	3	6.3	40	0	G	RECTIFIER STD.		Hickok 3200-16 4/55
6U5	12	3	6.3	0	0	C	AMPL	Eye open.	TB 11-2627-2 10/16/52
6U5	12	2	6.3	0	0	C	AMPL	Eye closed.	TB 11-2627-2 10/16/52
6U5/6G5	12	3	6.3	0	0	C	AMPL	Eye open.	TB 11-2627-2 10/16/52
6U5/6G5	12	2	6.3	0	0	C	AMPL	Eye closed.	TB 11-2627-2 10/16/52
6U66T	8	5	6.3	73	27	E	AMPL	Mut.Cond.6200.	TB 11-2627-2 10/16/52
6U7G	8	5	6.3	56	17	E	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52
6V6GT/G	8	5	6.3	67	25	E	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
6V7G	7	5	6.3	40	32	E	AMPL	Mut.Cond.975.	TB 11-2627-2 10/16/52
6V7G	10	5	6.3	0	0	E	DIODE	Diode #1.	TB 11-2627-2 10/16/52
6V7G	10	2	6.3	0	0	E	DIODE	Diode #2.	TB 11-2627-2 10/16/52
6W4	12	4	6.3	40	0	G	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6W5G	2	9	6.3	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6W5G	10	2	6.3	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6W6GT	8	5	6.3	67	46	E	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
6W7G	1	9	6.3	41	20	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6X4	3	5	6.3	35	0	K	RECTIFIER STD.	Plate No. 1. See note D.	TB 11-2627-2 10/16/52
6X4	6	5	6.3	35	0	K	RECTIFIER STD.	Plate No. 2. See note D.	TB 11-2627-2 10/16/52
6X5GT/G	2	9	6.3	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6X5GT/G	10	2	6.3	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6Y5	9	8	6.3	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6Y5	12	8	6.3	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6Y6G	8	5	6.3	60	42	E	AMPL	Set MICROMHOS switch at 6000.	TB 11-2627-2 C1 10/5/53
6Y7G	2	9	6.3	39	12	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6Y7G	12	5	6.3	39	12	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
6Z3	1	5	6.3	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6Z4	7	7	6.3	40	0	B	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6Z4	5	1	6.3	40	0	B	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6Z5	9	12	6.3	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6Z5	12	12	6.3	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6Z7G	2	9	6.3	45	9	E	AMPL	Mut.Cond.1200.	TB 11-2627-2 10/16/52
6Z7G	12	5	6.3	45	9	E	AMPL	Mut.Cond.1200.	TB 11-2627-2 10/16/52
6ZY5G	7	2	6.3	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
6ZY5G	7	5	6.3	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
PJ-7	2	8	5.0	25	12	A	AMPL	Mut.Cond.750.	Hickok 3200-16 4/55
7A4	6	2	6.3	66	14	F	AMPL	Mut.Cond.2600.	TB 11-2627-2 10/16/52
7A5	6	2	6.3	71	23	F	AMPL	Mut.Cond.6000.	TB 11-2627-2 10/16/52
7A6	8	5	6.3	40	0	F	DIODE	Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7A6	11	5	6.3	40	0	F	DIODE		TB 11-2627-2 10/16/52
7A7	6	2	6.3	58	22	F	AMPL	Mut.Cond.1750.	TB 11-2627-2 10/16/52
7A8	5	3	6.3	41	20	F	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
7A8	8	10	6.3	0	21	F	AMPL	Mut.Cond.500. See note D.	TB 11-2627-2 10/16/52
7AB7	3	9	6.3	58	0	N	AMPL	Shorts on 4 and 5.	TB 11-2627-2 4/7/49
7AB7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
7AD7	5	4	6.3	74	8	F	AMPL	Mut.Cond.6200.	Hickok 3200-16 4/55
7AF7	12	5	6.3	64	0	F	AMPL	Mut.Cond.2600.	TB 11-2627-2 10/16/52
7AF7	2	9	6.3	64	0	F	AMPL	Mut.Cond.2600. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7AG7	6	2	6.3	67	0	F	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
7AH7	5	4	6.3	68	0	F	AMPL	Mut.Cond.3300.	Hickok 3200-16 4/55
7AJ7	5	4	6.3	62	7	F	AMPL	Mut.Cond.2275.	Hickok 3200-16 4/55
7AK7	5	4	6.3	77	0	F	AMPL	Mut.Cond.3200.	Hickok 3200-16 4/55
7B4	6	2	6.3	43	10	F	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
7B5	6	2	6.3	56	28	F	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52
7B6	2	3	6.3	28	9	F	AMPL	Mut.Cond.750. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7B6	8	3	6.3	0	0	F	DIODE	Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7B6	6	10	6.3	0	0	F	DIODE	Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7B7	5	4	6.3	57	22	F	AMPL	Mut.Cond.1700.	TB 11-2627-2 10/16/52
7B8	5	3	6.3	40	22	F	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
7B8	8	10	6.3	0	15	F	AMPL	Mut.Cond.500.	TB 11-2627-2 10/16/52
7C4	9	5	6.3	25	0	F	DIODE		TB 11-2627-2 10/16/52
7C4	9	5	6.3	25	0	F	DIODE		TB 11-2627-2 10/16/52
7C5	6	2	6.3	67	25	F	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
7C6	2	3	6.3	15	8	F	AMPL	Mut.Cond.600. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7C6	8	3	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
7C6	6	10	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
7C7	6	2	6.3	49	18	F	AMPL	Mut.Cond.1300.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
7E5	12	4	6.3	67	0	N	AMPL	Shorts on 1, 2, and 5.	TB 11-2627-2 4/7/49
7E5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
7E6	2	3	6.3	59	15	F	AMPL	Mut.Cond.1900.Shorts on 1, 4, and 5.	Hickok 3200-16 4/55
7E6	8	3	6.3	0	0	F	DIODE	Shorts on 1, 4, and 5.	Hickok 3200-16 4/55
7E6	12	10	6.3	0	0	F	DIODE	Shorts on 1, 4, and 5.	Hickok 3200-16 4/55
7E6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
7E7	6	3	6.3	49	18	F	AMPL	Mut.Cond.1300.	TB 11-2627-2 10/16/52
7E7	1	8	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
7E7	4	8	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
7F7	2	9	6.3	56	0	F	AMPL	Mut.Cond.1600. Plate #1.Shorts on 1, 4, and 5.	Hickok 3200-16 4/55
7F7	12	5	6.3	56	0	F	AMPL	Mut.Cond.1600. Plate #2.	Hickok 3200-16 4/55
7F8	11	6	6.3	56	20	E	AMPL	Use adapter #2.	TB 11-2627-2 4/7/49
7F8	8	8	6.3	56	20	E	AMPL	Use adapter #2.	TB 11-2627-2 4/7/49
7F8	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
7G7	5	4	6.3	60	15	F	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
7G8	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
7H7	6	2	6.3	67	0	F	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
7J7	6	3	6.3	31	15	F	AMPL	Mut.Cond.800. See note D.	TB 11-2627-2 10/16/52
7J7	2	8	6.3	42	15	F	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
7K7	2	8	6.3	41	0	F	AMPL	Mut.Cond.1000. Shorts on 1, 4, and 5.	TM 11-2627 8/3/44
7K7	9	2	6.3	0	0	F	DIODE		TM 11-2627 8/3/44
7K7	5	9	6.3	0	0	F	DIODE		TM 11-2627 8/3/44
7K7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
7L7	6	2	6.3	60	10	F	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
7N7	2	9	6.3	60	13	F	AMPL	Mut.Cond.2000. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7N7	12	5	6.3	60	13	F	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
7Q7	6	2	6.3	33	17	F	AMPL	Mut.Cond.800. See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
7R7	6	3	6.3	67	8	F	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
7R7	1	8	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
7R7	4	8	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
7S7	6	3	6.3	53	15	F	AMPL	Mut.Cond.1500. See note D.	TB 11-2627-2 10/16/52
7S7	2	8	6.3	53	0	F	AMPL	Mut.Cond.1500. See note D.	TB 11-2627-2 10/16/52
7T7	6	2	6.3	69	0	F	AMPL	Mut.Cond.3400.	Hickok 3200-16 4/55
7V7	6	2	6.3	70	5	F	AMPL	Mut.Cond.4000.	Hickok 3200-16 4/55
7W7	6	2	6.3	67	9	F	AMPL	Mut.Cond.3000. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7X6	6	9	6.3	40	0	F	RECTIFIER STD.	Plate No. 1.	Hickok 3200-16 4/55
7X6	1	9	6.3	40	0	F	RECTIFIER STD.	Plate No. 2.	Hickok 3200-16 4/55
7X7	1	2	6.3	30	0	F	AMPL	Mut.Cond.700. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
7X7	12	8	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
7X7	7	3	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
7Y4	1	6	6.3	40	0	F	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
7Y4	6	6	6.3	40	0	F	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
7Z4	1	6	6.3	40	0	F	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
7Z4	6	6	6.3	40	0	F	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
PJ-8	2	10	5.0	49	21	A	AMPL	Mut.Cond.1300	Hickok 3200-16 4/55
D-10	7	2	6.3	54	15	E	AMPL	Mut.Cond.1500. See note A.	Nolan
10	2	10	7.5	50	32	A	AMPL	Mut.Cond.1250.	TB 11-2627-2 10/16/52
10Y	2	10	7.5	50	32	A	AMPL	(AKA 10 Special)	TB 11-2627-2 10/16/52
WD11	2	10	1.5	60	35	A	AMPL	Mut.Cond.425. MICROMHOS only. OK over 340 on 3000 Scale	Hickok 3200-16 4/55
GU12 (Brit.)	7	1	2.5	40	0	A	RECTIFIER STD.	See notes A and D.	Nolan
WX12	2	10	1.5	60	36	A	AMPL	Mut.Cond.425. MICROMHOS only. OK over 340 on 3000 Scale	Hickok 3200-16 4/55
12A	2	10	5.0	57	36	A	AMPL	Mut.Cond.1650.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
12A5	1	12	6.3	0	0	D	NOTHING	Check for shorts	TB 11-2627-2 10/16/52
12A5	2	10	12.6	58	42	D	AMPL	Mut.Cond.1800.	TB 11-2627-2 10/16/52
12A6	8	5	12.6	67	10	E	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
12A7	7	6	12.6	39	39	D	AMPL	Mut.Cond.975.	TB 11-2627-2 10/16/52
12A7	7	3	12.6	40	0	D	RECTIFIER STD.		TB 11-2627-2 10/16/52
12A8GT	7	7	12.6	41	18	E	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
12A8GT	12	7	12.6	60	30	E	AMPL	Mut.cond.300. OK over 240. See note D.	TB 11-2627-2 10/16/52
12AH7GT	11	7	12.6	50	19	G	AMPL	Mut.Cond.2000.	TB 11-2627-2 4/7/49
12AH7GT	7	10	12.6	50	19	G	AMPL	Mut.Cond.2000.	TB 11-2627-2 4/7/49
12AH7GT	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12AL5	9	2	12.6	60	0	K	DIODE		TB 11-2627-2 10/16/52
12AL5	4	2	12.6	60	0	K	DIODE		TB 11-2627-2 10/16/52
12AQ5	8	5	12.6	70	17	L	AMPL	Mut.Cond.3700.	Hickok 3200-16 4/55
12AT6	11	4	12.6	47	15	K	AMPL	Mut.Cond.1200.	TB 11-2627-2 10/16/52
12AT6	4	8	12.6	0	0	K	DIODE		TB 11-2627-2 10/16/52
12AT6	1	8	12.6	0	0	K	DIODE		TB 11-2627-2 10/16/52
12AT7	4	2	12.6	15	25	E	AMPL	Use adapter #5 for triode #1.	TB 11-2627-2 4/7/49
12AT7	4	2	12.6	15	25	E	AMPL	Use adapter #6 for triode #2.	TB 11-2627-2 4/7/49
12AT7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12AU6	7	9	12.6	63	12	K	AMPL	Mut.Cond.2300.	Hickok 3200-16 4/55
12AU6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12AU7	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	TB 11-2627-2 4/7/49
12AU7	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	TB 11-2627-2 4/7/49
12AU7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12AV6	12	2	12.6	50	10	K	AMPL	Mut.Cond.1250. Triode Section	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
12AV6	3	8	12.6	0	0	K	DIODE	Diode No.1.	Hickok 3200-16 4/55
12AV6	2	8	12.6	0	0	K	DIODE	Diode No.2.	Hickok 3200-16 4/55
12AV6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12AV7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12AW6	1	9	12.6	67	0	K	AMPL	Mut.Cond.3000.	Hickok 3200-16 4/55
12AX4	7	1	12.6	40	0	G	RECTIFIER STD.		Hickok 3200-16 4/55
12AX7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12AY7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
12B7	6	2	12.6	59	18	F	AMPL	Mut.Cond.1900.	TB 11-2627-2 10/16/52
12B8GT	7	7	12.6	0	0	E	NOTHING	Test for shorts.	TB 11-2627-2 10/16/52
12B8GT	1	7	12.6	58	18	E	AMPL	Pentode Section. Mut.Cond.1800.	TB 11-2627-2 10/16/52
12B8GT	11	1	12.6	60	0	E	AMPL	Triode Section. Mut.Cond.2000.	TB 11-2627-2 10/16/52
12BA6	7	9	12.6	70	0	K	AMPL	Mut.Cond.4300.	TB 11-2627-2 10/16/52
12BD6	1	9	12.6	60	33	K	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
12BE6	8	5	12.6	52	9	K	AMPL	Mut.Cond.1425.	TB 11-2627-2 10/16/52
12BE6	7	9	12.6	55	23	K	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52
12BF6	11	2	12.6	59	20	K	AMPL	Mut.Cond.1900.	Hickok 3200-16 4/55
12BF6	4	8	12.6	0	0	K	DIODE	Diode No.1.	Hickok 3200-16 4/55
12BF6	1	8	12.6	0	0	K	DIODE	Diode No.2.	Hickok 3200-16 4/55
12BK6	11	2	12.6	47	5	K	AMPL	Mut.Cond.1250.	Hickok 3200-16 4/55
12BK6	9	10	12.6	40	0	K	DIODE	Diode No.1.	Hickok 3200-16 4/55
12BK6	8	10	12.6	40	0	K	DIODE	Diode No.2.	Hickok 3200-16 4/55
12BN6	10	4	12.6	0	0	K	AMPL	Mut.Cond.500.	Hickok 3200-16 4/55
12BQ6	8	5	12.6	71	41	E	AMPL	Mut.Cond.4500. Connect cap to upper right contact of 4-pin socket	Hickok 3200-16 4/55
12BZ6	1	9	12.6	64	17	K	AMPL	Mut.Cond.2500.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
12C8	7	5	12.6	45	20	E	AMPL	Mut.Cond.1150. Pentode Section.	Hickok 3200-16 4/55
12C8	10	5	12.6	0	0	E	DIODE	Diode #1.	Hickok 3200-16 4/55
12C8	10	2	12.6	0	0	E	DIODE	Diode #2.	Hickok 3200-16 4/55
12CR6	7	7	12.6	60	18	K	AMPL	Mut.Cond.1950.	Nolan
12CR6	5	1	12.6	0	18	K	DIODE	Diode Section	Nolan
12CS6	4	9	12.6	30	33	K	AMPL	Mut.Cond. 800.	Nolan
12CU6	8	5	12.6	71	41	E	AMPL	Mut.Cond.4500. Connect cap to upper right contact of 4-pin socket	Hickok 3200-16 4/55
12F5GT	10	5	12.6	41	10	E	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
12G4	8	9	12.6	60	23	L	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
12H6	7	2	12.6	50	0	E	DIODE		TB 11-2627-2 10/16/52
12H6	7	5	12.6	50	0	E	DIODE		TB 11-2627-2 10/16/52
12J5GT	7	5	12.6	60	24	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
12J7GT	1	9	12.6	48	18	E	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
12K7GT/G	8	5	12.6	54	20	E	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
12K8	8	5	12.6	41	9	E	AMPL	Mut.Cond.1000. Hexode Section. See note D.	TB 11-2627-2 10/16/52
12K8	11	5	12.6	63	9	E	AMPL	Mut.Cond.2400. Triode Section. See note D.	TB 11-2627-2 10/16/52
12L6	8	5	12.6	74	25	E	AMPL	Mut.Cond.7500.	Hickok 3200-16 4/55
12L8GT	11	6	12.6	58	15	E	AMPL	Use adapter #1.	TB 11-2627-2 4/7/49
12L8GT	8	8	12.6	58	15	E	AMPL	Use adapter #1.	TB 11-2627-2 4/7/49
12L8GT	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12Q7GT/G	7	5	12.6	33	14	E	AMPL	Mut.Cond.800.	TB 11-2627-2 10/16/52
12Q7GT/G	10	5	12.6	0	0	E	DIODE		TB 11-2627-2 10/16/52
12Q7GT/G	10	2	12.6	0	0	E	DIODE		TB 11-2627-2 10/16/52
12SA7GT/G	1	7	12.6	28	17	E	AMPL	Mut.Cond.750. See note D.	TB 11-2627-2 10/16/52
12SA7GT/G	7	7	12.6	28	17	E	AMPL	Mut.Cond.750. See note D.	TB 11-2627-2 10/16/52
12SC7	10	3	12.6	42	0	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
12SC7	1	3	12.6	42	0	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
12SF5	7	2	12.6	40	13	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
12SF7	6	7	12.6	60	0	G	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
12SF7	8	1	12.6	0	0	G	DIODE		Hickok 3200-16 4/55
12SG7	4	2	12.6	68	10	E	AMPL	Mut.Cond.3300.	TB 11-2627-2 10/16/52
12SH7	4	2	12.6	69	0	E	AMPL	Mut.Cond.3400.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
12SJ7	4	2	12.6	56	18	E	AMPL	Mut.Cond.1575.	TB 11-2627-2 10/16/52
12SK7GT/G	4	2	12.6	59	18	E	AMPL	Mut.Cond.1900.	TB 11-2627-2 10/16/52
12SL7GT	4	1	12.6	53	0	G	AMPL	Mut.Cond.1400. Shorts on 2 and 3.	Hickok 3200-16 4/55
12SL7GT	10	4	12.6	53	0	G	AMPL	Mut.Cond.1400. Shorts on 2 and 3.	Hickok 3200-16 4/55
12SL7GT	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12SN7GT	4	1	12.6	67	0	G	AMPL	Mut.Cond.3000. Shorts on 2 and 3.	Hickok 3200-16 4/55
12SN7GT	10	4	12.6	67	0	G	AMPL	Mut.Cond.3000. Shorts on 2 and 3.	Hickok 3200-16 4/55
12SN7GT	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12SQ7GT/G	6	6	12.6	42	0	G	AMPL	Mut.Cond.1125.	TB 11-2627-2 10/16/52
12SQ7GT/G	3	7	12.6	0	0	G	DIODE		TB 11-2627-2 10/16/52
12SQ7GT/G	7	1	12.6	0	0	G	DIODE		TB 11-2627-2 10/16/52
12SR7	6	6	12.6	59	15	G	AMPL	Mut.Cond.1900.	TB 11-2627-2 4/7/49
12SR7	3	7	12.6	0	0	G	DIODE		TB 11-2627-2 4/7/49
12SR7	7	1	12.6	0	0	G	DIODE		TB 11-2627-2 4/7/49
12SR7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12SW7	4	2	12.6	59	15	E	AMPL	Use adapter # 7 to test triode section only.	TB 11-2627-2 4/7/49
12SW7	3	7	12.6	0	0	G	DIODE		TB 11-2627-2 4/7/49
12SW7	7	1	12.6	0	0	G	DIODE		TB 11-2627-2 4/7/49
12SW7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
12SX7	4	1	12.6	67	0	G	AMPL	May show shorts on 2 and 3.	TB 11-2627-2 10/16/52
12SX7	10	4	12.6	67	0	G	AMPL	Shorts on 2 and 3.	TB 11-2627-2 10/16/52
12SY7	1	7	12.6	28	17	E	AMPL	Mut.Cond.750. See note D.	TB 11-2627-2 10/16/52
12SY7	7	7	12.6	28	17	E	AMPL	Mut.Cond.750. See note D.	TB 11-2627-2 10/16/52
12V6	8	5	12.6	67	25	E	AMPL	Mut.Cond.3000.	Hickok 3200-16 4/55
12W6	8	5	12.6	74	25	E	AMPL	Mut.Cond.7500.	Hickok 3200-16 4/55
12X4	3	5	12.6	35	0	K	RECTIFIER STD.	Plate No.1.	Hickok 3200-16 4/55
12X4	6	5	12.6	35	0	K	RECTIFIER STD.	Plate No.2.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
12Z3	1	5	12.6	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
12Z5	6	1	6.3	40	0	D	NOTHING	Check for shorts.	TB 11-2627-2 10/16/52
12Z5	1	8	12.6	40	0	D	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
12Z5	12	8	12.6	40	0	D	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
14	7	6	12.6	42	20	B	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
14A4	6	2	12.6	66	14	F	AMPL	Mut.Cond.2600.	TB 11-2627-2 10/16/52
14A5	6	2	12.6	60	15	F	AMPL	Set MICROMHOS switch to 6000. OK over 800.	TB 11-2627-2 10/16/52
14A7	6	2	12.6	59	18	F	AMPL	Mut.Cond.1900.	TB 11-2627-2 10/16/52
14AF7	12	5	12.6	64	0	F	AMPL	Mut.Cond.2500.	TB 11-2627-2 10/16/52
14AF7	2	9	12.6	64	0	F	AMPL	Mut.Cond.2500. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
14B6	2	3	12.6	44	0	F	AMPL	Mut.Cond.1100. Shorts on 1, 4, and 5. See note D.	TB 11-2627-2 10/16/52
14B6	8	3	12.6	0	0	F	DIODE	Shorts on 1, 4, and 5. See note D.	TB 11-2627-2 10/16/52
14B6	12	10	12.6	0	0	F	DIODE	Shorts on 1, 4, and 5. See note D.	TB 11-2627-2 10/16/52
14B8	5	3	12.6	40	22	F	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
14B8	8	10	12.6	0	15	F	AMPL	Mut.Cond.500.	TB 11-2627-2 10/16/52
14C5	6	2	12.6	69	19	F	AMPL	Mut.Cond.3700.	TB 11-2627-2 10/16/52
14C7	6	2	12.6	63	9	F	AMPL	Mut.Cond.2275	TB 11-2627-2 10/16/52
14E6	2	3	12.6	58	10	F	AMPL	Mut.Cond.1800. Shorts on 1, 4, and 5.	Hickok 3200-16 4/55
14E6	8	3	12.6	0	0	F	DIODE	Diode No.1.	Hickok 3200-16 4/55
14E6	6	10	12.6	0	0	F	DIODE	Diode No.2.	Hickok 3200-16 4/55
14E6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
14E7	6	3	12.6	49	18	F	AMPL	Mut.Cond.1300.	TB 11-2627-2 10/16/52
14E7	1	8	12.6	0	0	F	DIODE		TB 11-2627-2 10/16/52
14E7	4	8	12.6	0	0	F	DIODE		TB 11-2627-2 10/16/52
14F7	2	9	12.6	56	0	F	AMPL	Mut.Cond.1600. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
14F7	12	5	12.6	56	0	F	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
14F8	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
14H7	6	2	12.6	67	0	F	AMPL	Mut.Cond.3000.	Hickok 3200-16 4/55
14J7	6	3	12.6	31	15	F	AMPL	Mut.Cond.800. See note D.	TB 11-2627-2 10/16/52
14J7	2	8	12.6	42	15	F	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
14N7	2	9	12.6	60	13	F	AMPL	Mut.Cond.3000. Triode #1. Shorts on 1, 4, and 5.	Hickok 3200-16 4/55
14N7	12	5	12.6	60	13	F	AMPL	Mut.Cond.3000. Triode #2.	Hickok 3200-16 4/55
14Q7	6	2	12.6	31	14	F	AMPL	Mut.Cond.800. See note D.	TB 11-2627-2 10/16/52
14R7	6	3	12.6	67	8	F	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
14R7	1	8	12.6	0	0	F	DIODE		TB 11-2627-2 10/16/52
14R7	4	8	12.6	0	0	F	DIODE		TB 11-2627-2 10/16/52
14S7	6	3	12.6	53	15	F	AMPL	Mut.Cond.1500. See note D.	TB 11-2627-2 10/16/52
14S7	2	8	12.6	53	0	F	AMPL	Mut.Cond.1500. See note D.	TB 11-2627-2 10/16/52
14V7	6	2	12.6	70	5	F	AMPL	Mut.Cond.4000.	Hickok 3200-16 4/55
14W7	6	2	12.6	67	9	F	AMPL	Mut.Cond.3000. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
14X7	2	3	12.6	30	0	F	AMPL	Mut.Cond.900. Shorts on 1, 4, and 5.	Hickok 3200-16 4/55
14X7	8	3	12.6	45	0	F	DIODE	Diode No.1.	Hickok 3200-16 4/55
14X7	6	10	12.6	45	0	F	DIODE	Diode No.2.	Hickok 3200-16 4/55
14Y4	1	6	12.6	40	0	F	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
14Y4	6	6	12.6	40	0	F	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
14Z3	1	5	12.6	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
15	7	6	2.0	16	18	B	AMPL	Mut.Cond.625.	TB 11-2627-2 10/16/52
17	1	6	12.6	40	34	A	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
VC17	11	2	6.3	40	80	K	RECTIFIER STD.	Strikes between 56 and 64 on R when this control is rotated counterclockwise. See note D.	Nolan
18	8	5	12.6	57	28	C	AMPL	Mut.Cond.1750.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
CV18 (Brit.)	1	5	6.3	50	30	D	AMPL	Connect right plate cap to upper right contact on A socket with lead provided.	Nolan
CV18 (Brit.)	7	5	6.3	50	30	D	AMPL	Connect left plate cap to upper right contact on A socket with lead provided.	Nolan
19	8	8	2.0	42	12	C	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
19	11	6	2.0	42	12	C	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
20	2	10	3.0	0	68	A	AMPL	Mut.Cond.525.	Hickok 3200-16 4/55
KR20	8	8	2.5	2	30	C	AMPL	Mut.Cond.500. No.1 Grid.	Hickok 3200-16 4/55
KR20	8	6	2.5	2	30	C	AMPL	Mut.Cond.500. No.2 Grid.	Hickok 3200-16 4/55
RK20A	4	7	7.5	64	0	B	AMPL	Mut Cond.2500. Connect plate cap to upper right contact of 6-pin socket	Hickok 3200-16 4/55
KR22	8	8	6.3	2	30	C	AMPL	Mut.Cond.500. No.1 Grid.	Hickok 3200-16 4/55
KR22	8	6	6.3	2	30	C	AMPL	Mut.Cond.500. No.2 Grid.	Hickok 3200-16 4/55
RK-22	10	4	2.5	55	0	A	DIODE	Connect tube cap nearest operator. See notes A and D.	Nolan
RK-22	10	4	2.5	55	0	A	DIODE	Connect tube cap away from operator. See notes A and D.	Nolan
22	2	5	3.0	0	37	A	AMPL	Mut.Cond.500.	TB 11-2627-2 10/16/52
24	7	6	2.5	42	10	B	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
24A	7	6	2.5	42	10	B	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
24G	7	6	2.5	42	10	B	AMPL		T.O. 33AA21-1-4 5/20/55
HK24G	3	2	6.3	30	20	A	AMPL	Connect top terminal of tube under test to upper contact of 5 pin (B) socket. Use separate lead provided. Connect side terminal of tube under test to cap lead. See note D.	Nolan
D25	8	5	6.3	67	0	E	AMPL	Mut.Cond.3000. Connect cap to upper right-hand contact of B socket with lead provided.	Nolan
KR25	8	5	2.5	57	28	C	AMPL	Mut.Cond. 1750.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
VT25A	2	10	6.3	60	25	A	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
25A6GT/G	8	5	25.0	62	35	E	AMPL	Mut.Cond.2300.	TB 11-2627-2 10/16/52
25A7GT/G	11	5	25.0	40	0	E	NOTHING	Check for shorts.	TB 11-2627-2 10/16/52
25A7GT/G	11	5	25.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25A7GT/G	8	5	25.0	58	35	E	AMPL	Mut.Cond.1800. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
25AC5G	7	5	25.0	52	0	E	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
25AX4	7	1	25.0	40	0	G	RECTIFIER STD.		Nolan
25B5	8	5	25.0	64	0	C	AMPL	Mut.Cond.2500.	TB 11-2627-2 10/16/52
25B6	8	5	25.0	71	43	E	AMPL	Mut.Cond.4000.	TB 11-2627-2 10/16/52
25B8GT	1	7	25.0	60	18	E	AMPL	Pentode Section. Mut.Cond.2000.	TB 11-2627-2 10/16/52
25B8GT	11	1	25.0	54	8	E	AMPL	Triode Section. Mut.Cond.1500.	TB 11-2627-2 10/16/52
25BQ6	8	5	25.0	71	41	E	AMPL	Mut.Cond.4500. Connect plate cap to upper right contact of 4-pin socket.	Hickok 3200-16 4/55
25C6G	8	5	25.0	74	36	E	AMPL	Mut.Cond.7000.	TB 11-2627-2 10/16/52
25CD6	9	6	25.0	74	34	E	AMPL	Mut.Cond.6500. Connect cap to upper right contact of 6-pin socket.	Hickok 3200-16 4/55
25CU6	8	5	25.0	71	41	E	AMPL	Mut.Cond.4500. Connect cap to upper right contact of 4-pin socket.	Hickok 3200-16 4/55
25D8G	8	5	25.0	59	15	E	AMPL	Mut.Cond.1900.	TB 11-2627-2 10/16/52
25D8G	11	5	25.0	45	0	E	AMPL	Mut.Cond.1100.	TB 11-2627-2 10/16/52
25D8G	5	1	25.0	0	0	E	DIODE		TB 11-2627-2 10/16/52
25L6GT/G	8	5	25.0	75	15	E	AMPL	Mut.Cond.8000.	TB 11-2627-2 10/16/52
25N6G	8	5	25.0	64	0	E	AMPL	Mut.Cond.2500.	TB 11-2627-2 10/16/52
25S	7	8	2.0	60	23	C	AMPL	OK over 380	Nolan
25S	10	8	2.0	0	0	C	DIODE		Nolan
25S	12	3	2.0	0	0	C	DIODE		Nolan
25T	2	10	6.3	41	0	A	AMPL	Mut.Cond.1000. Connect cap to plate contact of 5-pin socket.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
25W4	12	4	25.0	40	0	G	RECTIFIER STD.		Hickok 3200-16 4/55
25W6	8	5	25.0	67	46	E	AMPL	Mut. Cond.3000.	Hickok 3200-16 4/55
25X6	7	2	25.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25X6	7	5	25.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Y5	7	8	25.0	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Y5	12	8	25.0	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Z3	1	5	25.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Z4	7	2	25.0	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Z5	7	8	25.0	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Z5	12	8	25.0	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Z5MG	7	2	25.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Z5MG	7	5	25.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Z6GT/G	7	2	25.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
25Z6GT/G	7	5	25.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
26	2	10	1.5	46	35	A	AMPL	Mut.Cond.1150.	TB 11-2627-2 10/16/52
26A6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
26A7	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
26C6	11	2	25.0	57	9	K	AMPL	Mut.Cond.1700. Triode Section	Hickok 3200-16 4/55
26C6	7	10	25.0	0	0	K	DIODE	Diode No.1.	Hickok 3200-16 4/55
26C6	3	8	25.0	0	0	K	DIODE	Diode No.2.	Hickok 3200-16 4/55
26C6	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
26D6	8	5	25.0	55	15	K	AMPL	Mut.Cond.1600. Ampl. Section.	Hickok 3200-16 4/55
26D6	7	9	25.0	52	9	K	AMPL	Mut.Cond.1425. Osc. Section	Hickok 3200-16 4/55
26E6	8	5	25.0	74	36	E	AMPL	Mut.Cond.6000. Read in good scale.	T.O. 33AA21-1-4 5/20/55
26E6WG	8	5	25.0	60	42	E	AMPL	Allow 60 seconds warm-up time. Set MICROMHOS switch at 6000.	TB 11-2627-2 C5 3/19/57
26Z5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
D27	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
D27	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
27	1	6	2.5	40	34	B	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
27HM	1	6	2.5	53	29	B	AMPL	Mut.Cond.1450.	Hickok 3200-16 4/55
27 Special	1	6	2.5	40	34	B	AMPL	Mut.Cond.1000.	Unknown Origin Photocopy.
D28	12	2	6.3	45	5	K	AMPL	Mut.Cond.1150.	Nolan
D28	4	8	6.3	0	82	K	DIODE		Nolan
KR28	7	7	6.3	40	0	B	RECTIFIER STD.	Plate No.1.	Hickok 3200-16 4/55
KR28	5	1	6.3	40	0	B	RECTIFIER STD.	Plate No.2.	Hickok 3200-16 4/55
28D7	8	1	25.0	60	12	F	AMPL	Mut.Cond.2000. Plate #1.	TB 11-2627-2 10/16/52
28D7	3	6	25.0	60	12	F	AMPL	Mut.Cond.2000. Plate #2.	TB 11-2627-2 10/16/52
29	8	8	2.5	0	19	C	AMPL	Mut.Cond.500. No. 1. Grid.	Hickok 3200-16 4/55
29	8	6	2.5	0	19	C	AMPL	Mut. Cont.500. No. 2. Grid.	Hickok 3200-16 4/55
HD30	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
30	2	10	2.0	36	33	A	AMPL	Mut.Cond.900.	TB 11-2627-2 10/16/52
30 Special	2	10	2.0	43	30	A	AMPL	Mut.Cond.1025.	TM 11-2627 8/3/44
31	2	10	2.0	35	53	A	AMPL	Mut.Cond.925.	TB 11-2627-2 10/16/52
32	2	5	2.0	19	30	A	AMPL	Mut.Cond.640.	TB 11-2627-2 10/16/52
32L7GT	11	5	35.0	0	0	E	NOTHING	Test for shorts.	TB 11-2627-2 10/16/52
32L7GT	8	5	35.0	71	18	E	AMPL	Mut.Cond.4800.	TB 11-2627-2 10/16/52
32L7GT	11	5	35.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
RY32 (Russian)	7	2	12.6	67	14	E	AMPL	Mut.Cond.~3000. Plate No.1. Use adapter M-418	Nolan
RY32 (Russian)	4	2	12.6	67	14	E	AMPL	Mut.Cond.~3000. Plate No.2. Use adapter M-418	Nolan
RY32 (Russian)	>	>	>	>	>	>	>	See table III.	Nolan
33	1	5	2.0	50	29	B	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
RK33	3	3	6.3	42	28	D	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
RK33	9	3	6.3	42	28	D	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
34	2	5	2.0	14	27	A	AMPL	Mut.Cond.600.	TB 11-2627-2 10/16/52
RK34	1	5	6.3	50	30	D	AMPL	Connect right plate cap to upper right contact on A socket with lead provided.	Nolan
RK34	7	5	6.3	50	30	D	AMPL	Connect left plate cap to upper right contact on A socket with lead provided.	Nolan
35	7	6	2.5	42	20	B	AMPL	Mut.Cond.1020.	TB 11-2627-2 10/16/52
35A5	6	2	35.0	74	27	F	AMPL	Mut.Cond.5900.	TB 11-2627-2 10/16/52
35B5	8	5	35.0	70	28	L	AMPL	Mut.Cond.4500.	Hickok 3200-16 4/55
35B5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
35C5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
35L6GT/G	8	5	35.0	71	32	E	AMPL	Mut.Cond.5800.	TB 11-2627-2 10/16/52
35S	7	6	2.5	42	20	B	AMPL	Mut.Cond.1020.	Hickok 3200-16 4/55
35W4	1	5	BLST	0	0	L	NOTHING	Shorts on 1, 2, 3, 4, and 5.	TB 11-2627-2 10/16/52
35W4	1	5	35.0	40	0	L	RECTIFIER STD.	Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
35Y4	3	4	BLST	0	0	F	NOTHING	Shorts on 1, 2, 3, 4, and 5.	TB 11-2627-2 10/16/52
35Y4	1	1	35.0	40	0	F	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
35Z3	1	1	35.0	35	0	F	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
35Z4GT/G	10	2	35.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
35Z5GT/G	1	3	BLST	40	0	E	NOTHING	Shorts on 1, 2, 3, 4, and 5.	TB 11-2627-2 10/16/52
35Z5GT/G	11	1	35.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
35Z6G	7	2	35.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
35Z6G	7	5	35.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
36	7	6	6.3	43	20	B	AMPL	Mut.Cond.1050.	TB 11-2627-2 10/16/52
37	1	6	6.3	36	34	B	AMPL	Mut.Cond.900.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
38	7	6	6.3	41	32	B	AMPL	Mut.Cond.1050.	TB 11-2627-2 10/16/52
38MG	8	5	6.3	41	32	?	AMPL	Mut.Cond.1050.	Hickok 3200-16 4/55
39/44	7	6	6.3	41	23	B	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
40	2	10	5.0	60	26	A	AMPL	Mut.Cond.200. OK over 160.	TB 11-2627-2 10/16/52
40Z5/45Z5GT	11	1	35.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
40Z5/45Z5GT	1	3	BLST	40	0	E	RECTIFIER STD.	Shorts on 1, 2, 3, 4, and 5. See note D.	TB 11-2627-2 10/16/52
41	8	5	6.3	55	28	C	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52
42	8	5	6.3	60	24	C	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
RK43	2	10	1.5	36	17	C	AMPL	Mut.Cond.900. Plate No.1.	Hickok 3200-16 4/55
RK43	12	6	1.5	36	17	C	AMPL	Mut.Cond.900. Plate No.2.	Hickok 3200-16 4/55
43	8	5	25.0	62	35	C	AMPL	Mut.Cond.2300.	TB 11-2627-2 10/16/52
43MG	8	5	25.0	62	35	E	AMPL	Mut.Cond.2300.	Hickok 3200-16 4/55
45	2	10	2.5	59	50	A	AMPL	Mut.Cond.1850.	TB 11-2627-2 10/16/52
45Z3	10	2	35.0	40	0	H	117N7 AND RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
45Z5GT	11	1	35.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
45Z5GT	1	3	BLST	40	0	E	NOTHING	Shorts on 1, 2, 3, 4, and 5.	TB 11-2627-2 10/16/52
46	1	5	2.5	60	25	B	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
47	1	5	2.5	60	18	B	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
48	8	5	25.0	60	48	C	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
49	1	5	2.0	45	40	B	AMPL	MutCond.1125.	TB 11-2627-2 10/16/52
50	2	10	7.5	53	50	A	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
50A5	6	2	50.0	74	25	F	AMPL	Mut.Cond.7500.	TB 11-2627-2 10/16/52
50B5	8	5	50.0	74	19	L	AMPL	Mut.Cond.7500.	Hickok 3200-16 4/55
50B5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
50C5	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
50C6	8	5	50.0	74	36	E	AMPL	Mut.Cond.7000.	TB 11-2627-2 10/16/52
50L6GT	8	5	50.0	74	25	E	AMPL	Mut.Cond.7500.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
50X6	6	9	50.0	40	0	F	RECTIFIER STD.		Hickok 3200-16 4/55
50X6	1	9	50.0	40	0	F	RECTIFIER STD.		Hickok 3200-16 4/55
50Y6GT/G	7	2	50.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
50Y6GT/G	7	5	50.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
50Y7	7	2	50.0	45	0	E	RECTIFIER STD.	Shorts on 2, 3, 4, and 5. Plate No.1.	Hickok 3200-16 4/55
50Y7	7	5	50.0	45	0	E	RECTIFIER STD.	Shorts on 2, 3, 4, and 5. Plate No.2.	Hickok 3200-16 4/55
50Z7G	7	6	50.0	40	0	E	RECTIFIER STD.	Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
50Z7G	10	2	50.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
HD51	4	4	OFF	0	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	Nolan
HD51	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
51	7	6	2.5	42	20	B	AMPL	Mut.Cond.1020.	TB 11-2627-2 10/16/52
51S	7	6	2.5	42	20	B	AMPL	Mut.Cond.1020.	TB 11-2627-2 10/16/52
HD52	4	4	OFF	30	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	Nolan
HD52	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
52	1	5	6.3	63	27	B	AMPL	Mut.Cond.2400.	TB 11-2627-2 10/16/52
53	1	5	2.5	53	10	D	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
53	12	5	2.5	53	10	D	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
VR53 (Brit.)	8	5	6.3	54	16	E	AMPL	Mut.Cond.1450.	Nolan
55	7	6	2.5	40	32	C	AMPL	Mut.Cond.975.	TB 11-2627-2 10/16/52
55	10	6	2.5	0	0	C	DIODE	OK over 500.	TB 11-2627-2 10/16/52
55	10	3	2.5	0	0	C	DIODE	OK over 500.	TB 11-2627-2 10/16/52
VR55 (Brit.)	7	5	6.3	60	17	E	AMPL	Mut.Cond.1900.	Nolan
VR55 (Brit.)	10	5	6.3	0	0	E	DIODE		Nolan
VR55 (Brit.)	10	2	6.3	0	0	E	DIODE		Nolan
56	1	6	2.5	53	26	B	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
VR57 (Brit.)	1	9	6.3	48	18	E	AMPL	Mut.Cond.1225.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
57	2	5	2.5	48	17	C	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
57A	2	5	6.3	48	17	C	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
57AS	2	5	6.3	48	17	C	AMPL	Mut.Cond.1225.	Unknown Origin Photocopy.
VR57 (Brit.)	7	7	6.3	41	22	E	AMPL	Mut.Cond.1000. See note D.	Nolan
VR57 (Brit.)	12	7	6.3	60	20	E	AMPL	Mut.Cond.300. OK over 240. See note D.	Nolan
57S	2	5	2.5	48	17	C	AMPL	Mut.Cond.1225.	Unknown Origin Photocopy.
58	2	5	2.5	54	20	C	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
58A/58AS	2	5	6.3	54	20	C	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
HD59	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
59	8	8	2.5	60	18	D	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
DF62	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
DH63 (Brit.)	7	5	6.3	33	14	E	AMPL	Mut.Cond.800.	Nolan
DH63 (Brit.)	10	5	6.3	0	0	E	DIODE		Nolan
DH63 (Brit.)	10	2	6.3	0	0	E	DIODE		Nolan
KT63	8	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	Nolan
64/64A	7	6	6.3	42	26	B	AMPL	Mut.Cond.1050.	Hickok 3200-16 4/55
65/65A	7	6	6.3	41	23	B	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
KT66	8	5	6.3	74	18	E	AMPL	Mut.Cond.6300.	Hickok 3200-16 4/55
VR-67 (Brit.)	7	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	Nolan
VT67	2	10	2.0	43	30	A	AMPL	Mut.Cond.1025.	TB 11-2627-2 10/16/52
67/67A	1	6	6.3	40	34	B	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
68/68A	7	6	6.3	41	32	B	AMPL	Mut.Cond.1050.	Hickok 3200-16 4/55
NR68 (Brit.)	7	5	6.3	33	14	E	AMPL	Mut.Cond.800.	Nolan
NR68 (Brit.)	10	5	6.3	0	0	E	DIODE		Nolan
NR68 (Brit.)	10	2	6.3	0	0	E	DIODE		Nolan
HY69	4	7	6.3	70	27	B	AMPL	Mut.Cond.3500. Connect plate to top contact of 7-pin socket.	Hickok 3200-16 4/55
69	8	8	6.3	0	19	B	AMPL	Mut.Cond.500. No. 1. Grid.	Hickok 3200-16 4/55
69	8	6	6.3	0	19	B	AMPL	Mut.Cond.500. No. 2. Grid.	Hickok 3200-16 4/55
TS-70	12	1	6.3	71	0	B	AMPL	Mut.Cond.4000. See note A.	Nolan
DT-70	12	1	6.3	71	0	B	AMPL	Mut.Cond.4000. See note A.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
70	8	8	6.3	60	25	C	AMPL	Mut.Cond.300. MICROMHOS only. OK over 240 on 3000 scale.	Hickok 3200-16 4/55
70	8	6	6.3	60	25	C	AMPL	Mut.Cond.300. MICROMHOS only. OK over 240 on 3000 scale.	Hickok 3200-16 4/55
70A7GT	8	5	75.0	71	17	E	AMPL	Mut.Cond.5800. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
70A7GT	11	5	75.0	0	0	E	DIODE	OK over 300.	TB 11-2627-2 10/16/52
70L7GT	6	12	75.0	71	34	E	NOTHING	Check for shorts.	TB 11-2627-2 10/16/52
70L7GT	7	7	75.0	71	34	E	AMPL	Mut.Cond.5000.	TB 11-2627-2 10/16/52
70L7GT	5	1	75.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
71A	2	10	5.0	56	60	A	AMPL	Mut.Cond.1650.	TB 11-2627-2 10/16/52
72	7	1	2.5	10	0	A	RECTIFIER STD.	See notes A and D.	TB 11-2627-2 10/16/52
VR75-30	7	1	OFF	50	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	Nolan
75	7	6	6.3	28	9	C	AMPL	Mut.Cond.750.	TB 11-2627-2 10/16/52
75	10	6	6.3	0	0	C	DIODE		TB 11-2627-2 10/16/52
75	10	3	6.3	0	0	C	DIODE		TB 11-2627-2 10/16/52
75MG	9	5	6.3	28	9	E	AMPL	Mut.Cond.750.	TB 11-2627-2 10/16/52
75MG	12	2	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52
75MG	12	5	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52
76	1	6	6.3	53	24	B	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
77	2	5	6.3	48	17	C	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
78	2	5	6.3	54	20	C	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
NR78 (Brit.)	7	5	6.3	60	17	E	AMPL	Mut.Cond.2000.	Nolan
NR78A (Brit.)	7	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	Nolan
79	2	10	6.3	39	12	C	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
79	5	10	6.3	39	12	C	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
80	2	7	5.0	35	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
80	3	7	5.0	35	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
80M	2	7	5.0	40	0	A	RECTIFIER STD.		560 Hickok Roll Chart
80M	3	7	5.0	40	0	A	RECTIFIER STD.		560 Hickok Roll Chart
81	2	7	7.5	33	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
NR81 (Brit.)	8	5	6.3	54	16	E	AMPL	Mut.Cond.1450.	Nolan
E82CC	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
E82CC	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
E82CC	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
82	2	7	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
82	3	7	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
82V	2	7	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
82V	3	7	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
E83CC	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
ECC83	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
83	2	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
83	3	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
83V	2	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
83V	3	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
G84	2	7	2.5	40	0	A	RECTIFIER STD.		Hickok 3200-16 4/55
84	7	7	6.3	40	0	B	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
84	5	1	6.3	40	0	B	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
85	7	6	6.3	40	32	C	AMPL	Mut.Cond.975.	TB 11-2627-2 10/16/52
85	10	6	6.3	0	0	C	DIODE		TB 11-2627-2 10/16/52
85	10	3	6.3	0	0	C	DIODE		TB 11-2627-2 10/16/52
85A	7	6	6.3	49	24	C	AMPL	Mut.Cond.1250. Ampl. Section.	Hickok 3200-16 4/55
85A	10	6	6.3	0	0	C	DIODE	No.1.Diode.	Hickok 3200-16 4/55
85A	10	3	6.3	0	0	C	DIODE	No.2.Diode.	Hickok 3200-16 4/55
87	2	5	6.3	48	20	?	AMPL	Mut.Cond.1225.	Hickok 3200-16 4/55
88	2	5	6.3	56	19	A	AMPL	Mut.Cond.1600.	Hickok 3200-16 4/55
89	2	5	6.3	54	30	C	AMPL	Mut.Cond.1550.	TB 11-2627-2 10/16/52
89Y	2	5	6.3	54	30	C	AMPL	Mut.Cond.1550.	TB 11-2627-2 10/16/52
E90Z	3	5	6.3	35	0	K	RECTIFIER STD.	Plate No. 1. See note D.	Nolan
E90Z	6	5	6.3	35	0	K	RECTIFIER STD.	Plate No. 2. See note D.	Nolan
EC90	2	9	6.3	67	20	L	AMPL	Mut.Cond.2200. See note D.	Nolan
VR90-30	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	Nolan
90	8	8	2.5	2	30	C	AMPL	Mut.Cond.500.No.1.Grid.	Hickok 3200-16 4/55
90	8	6	2.5	2	30	C	AMPL	Mut.Cond.500.No.2.Grid.	Hickok 3200-16 4/55
EAA91	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
EAA91	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
ECC91	1	2	6.3	69	11	K	AMPL	Mut.Cond.5000. See note D.	Nolan
ECC91	11	8	6.3	69	11	K	AMPL	Mut.Cond.5000. See note D.	Nolan
92	8	8	6.3	2	30	C	AMPL	Mut.Cond.500.No.1 Grid.	Hickok 3200-16 4/55
92	8	6	6.3	2	30	C	AMPL	Mut.Cond.500.No.2.Grid.	Hickok 3200-16 4/55
95	8	5	2.5	57	28	C	AMPL	Mut.Cond.1750.	Hickok 3200-16 4/55
96	1	5	12.6	40	0	A	RECTIFIER STD.		Hickok 3200-16 4/55
98	7	7	6.3	40	0	B	RECTIFIER STD.	Plate Number 1.	Hickok 3200-16 4/55
98	5	1	6.3	40	0	B	RECTIFIER STD.	Plate Number 2.	Hickok 3200-16 4/55
99	2	10	3.0	60	45	A	AMPL	Mut.Cond.425. OK over 340.	TB 11-2627-2 10/16/52
100-A Boonton	7	6	2.5	28	9	C	AMPL	Mut.Cond.750.Triode Sect.	Nolan
100-A Boonton	10	6	2.5	0	0	C	DIODE	Diode #1.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
100-A Boonton	10	3	2.5	0	0	C	DIODE	Diode #2.	Nolan
100-C Boonton	7	6	2.5	28	9	C	AMPL	Mut.Cond.750.Triode Sect.	Nolan
100-C Boonton	10	6	2.5	0	0	C	DIODE	Diode #1.	Nolan
100-C Boonton	10	3	2.5	0	0	C	DIODE	Diode #2.	Nolan
101D	2	10	4.3	39	25	A	AMPL	Insert tube in socket with pin on base away from operator.	TB 11-2627-2 10/16/52
101F	2	10	4.3	41	26	A	AMPL	Insert tube in socket with pin on base away from operator.	TB 11-2627-2 10/16/52
101FA	2	10	4.3	60	35	A	AMPL	Minimum value of 1100.	TB 1671-4 12/26/42 (560)
101J	2	10	4.3	41	26	A	AMPL	Insert tube in socket with pin on base away from operator.	TB 1671-4 12/26/42 (560)
102-A Boonton	2	10	2.5	59	50	A	AMPL	Mut.Cond.1850.	Nolan
102D	2	10	2.0	40	23	A	AMPL	Minimum value of 360.	TB 1671-4 12/26/42 (560)
102E	2	10	2.0	40	23	A	AMPL	Minimum value of 360.	TB 1671-4 12/26/42 (560)
102F	2	10	2.0	40	23	A	AMPL	Minimum value of 430.	TB 1671-4 12/26/42 (560)
102G	2	10	2.0	40	23	A	AMPL	Minimum value of 360.	TB 1671-4 12/26/42 (560)
104D	2	10	4.3	60	60	A	AMPL	Minimum value of 830.	TB 1671-4 12/26/42 (560)
VR105-30	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	Nolan
112A	2	10	5.0	57	36	A	AMPL	Mut.Cond.1650.	TB 11-2627-2 10/16/52
HY113	7	5	1.5	0	40	O	AMPL	Mut.Cond.500.	TB 11-2627-2 10/16/52
114B	7	5	1.5	43	25	F	AMPL	See Note D. Connect right cap to upper right contact of A socket with lead provided. Connect grid lead to left cap.	TB 11-2627-2 4/7/49
HY114B	10	5	1.5	43	15	E	AMPL	Mut.Cond.1100.Connect grid to upper left contact of 6-pin socket. Connect plate to upper right contact of 6-pin socket.	Hickok 3200-16 4/55
HY115	7	5	1.5	60	32	O	AMPL	Mut.cond.370.OK over 290.	TB 11-2627-2 10/16/52
117L7/M7GT	2	8	117.0	72	30	E	AMPL	Mut.Cond.6000.Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
117L7/M7GT	5	8	117.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
117M7/GT	2	8	117.0	73	28	E	AMPL	Mut.Cond.6000. Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
117M7/GT	5	8	117.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
117N7GT	8	10	117.0	74	25	E	AMPL	Mut.Cond.7000.	TB 11-2627-2 10/16/52
117N7GT	4	3	117.0	40	0	E	117N7 AND RECTIFIER STD.	Shorts on 2 and 3. See note D.	TB 11-2627-2 10/16/52
117P7GT	8	10	117.0	70	25	E	AMPL	Mut.Cond.4000.	TB 11-2627-2 10/16/52
117P7GT	4	3	117.0	40	0	E	117N7 AND RECTIFIER STD.	Shorts on 2 and 3. See note D.	TB 11-2627-2 10/16/52
117Z3	2	6	117.0	41	0	L	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
117Z4GT	10	2	117.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
117Z6GT/G	2	7	117.0	75	0	E	GAS No.1.	See note D.	TB 11-2627-2 10/16/52
117Z6GT/G	10	2	117.0	75	0	E	GAS No.1.	Early tubes show shorts on 1 and 3; late tubes show shorts on 3. See note D.	TB 11-2627-2 10/16/52
HY123	7	5	1.5	0	45	?	AMPL	Mut.Cond.370.OK over 290.	560 Hickok Roll Chart
HY125	7	5	1.5	60	45	O	AMPL	Mut.Cond.450.OK over 360.	TB 11-2627-2 10/16/52
HY145	7	5	1.5	60	32	O	AMPL	Mut.Cond.370.OK over 290.	TB 11-2627-2 10/16/52
VTR150-30	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	Nolan
DT153	2	5	1.5	35	12	H	AMPL	Shorts on 4 and 5. See note E.	Nolan
VT153	7	5	12.6	45	20	E	AMPL		TB 11-2627-2 10/16/52
VT153	10	5	12.6	0	0	E	DIODE		TB 11-2627-2 10/16/52
VT153	10	2	12.6	0	0	E	DIODE		TB 11-2627-2 10/16/52
HY155	7	5	1.5	60	45	O	AMPL	Mut.Cond.450.OK over 360.	TB 11-2627-2 10/16/52
C171	2	10	3.0	38	68	A	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
181	2	10	3.0	38	68	A	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
C182	2	10	5.0	38	68	A	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
C182A	2	10	5.0	53	65	A	AMPL	Mut.Cond.1500.	Hickok 3200-16 4/55
182B	2	10	5.0	53	48	A	AMPL	Mut.Cond.1500.	Hickok 3200-16 4/55
183	2	10	5.0	50	65	A	AMPL	Mut.Cond.1350.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
205D	2	10	5.0	60	28	A	AMPL	Use Alden No. 978WEB Adapter. Mut.Cond.1200.	TB 1671-4 12/26/42 (560)
205E	2	10	5.0	60	28	A	AMPL	Use Alden No. 978WEB Adapter. Mut.Cond.1200.	TB 1671-4 12/26/42 (560)
215A	2	10	1.1	60	45	A	AMPL	Use Alden No.972 Adapter. Minimum value of 320.	TB 1671-4 12/26/42 (560)
231D	2	10	3.0	19	15	A	AMPL		TB 11-2627-2 10/16/52
239A	2	10	1.1	60	40	A	AMPL	Minimum value of 320.	TB 1671-4 12/26/42 (560)
244A	1	6	2.0	43	10	B	AMPL		TB 11-2627-2 10/16/52
245A	7	6	2.0	60	35	B	AMPL	Minimum Value of 525.	TB 1671-4 12/26/42 (560)
247A	1	6	2.0	60	28	B	AMPL	Minimum Value of 400.	TB 1671-4 12/26/42 (560)
257	1	5	5.0	49	41	A	AMPL	Mut.Cond.1250.	Hickok 3200-16 4/55
257A	2	5	3.0	0	40	A	AMPL	Attach clip of cap lead to the top cap of the tube under test. OK over 200.	TB 11-2627-2 10/16/52
259A	7	6	2.0	28	26	B	AMPL		TB 11-2627-2 10/16/52
259B	7	6	2.0	28	26	B	AMPL		Nolan
262A	2	6	10.0	15	25	A	AMPL		Nolan
262B	2	6	10.0	15	25	A	AMPL		TB 11-2627-2 10/16/52
271A	1	6	5.0	60	30		AMPL	Minimum Value of 1580.	TB 1671-4 12/26/42 (560)
272A	1	6	10.0	46	26	B	AMPL		TB 11-2627-2 10/16/52
274A	3	7	5.0	35	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
274A	2	7	5.0	35	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
274B	5	11	5.0	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
274B	4	11	5.0	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
DT275	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
275A	2	10	5.0	54	70	A	AMPL		TB 11-2627-2 10/16/52
283A	7	6	2.0	49	10	B	AMPL		TB 11-2627-2 10/16/52
285A	7	6	2.0	60	30	B	AMPL	Minimum Value of 660.	TB 1671-4 12/26/42 (560)
293A	8	5	10.0	43	31	C	AMPL		TB 11-2627-2 10/16/52
300B	2	8	5.0	60	48	A	AMPL	Set MICROMHOS switch at 6000. OK over 1600.	TB 11-2627-2 10/16/52
307A	12	1	5.0	69	30	B	AMPL	See note A.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
310A	2	5	10.0	50	16	C	AMPL		TB 11-2627-2 10/16/52
310B	2	5	10.0	44	20	C	AMPL		TB 11-2627-2 10/16/52
311A	7	6	10.0	61	33	B	AMPL		TB 11-2627-2 10/16/52
313C	2	10	50.0	0	0	A	DIODE	Good tube gives meter reading. May read in red sector. See note D.	TB 11-2627-2 10/16/52
313CC	2	10	50.0	0	0	A	DIODE	Good tube gives meter reading. May read in red sector. See note D.	TB 11-2627-2 10/16/52
313CD	2	10	50.0	0	0	A	DIODE	Good tube gives meter reading. May read in red sector. See note D.	TB 11-2627-2 10/16/52
328A	8	5	7.5	54	16	C	AMPL		TB 11-2627-2 10/16/52
329A	7	6	7.5	62	33	B	AMPL		TB 11-2627-2 10/16/52
SD329F	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
336A	8	5	10.0	60	20	C	AMPL	Allow tube 60 seconds to warm up. Set MICROMHOS switch at 6000. OK over 750.	TB 11-2627-2 10/16/52
337A	2	5	10.0	50	16	C	AMPL		TB 11-2627-2 10/16/52
338A	1	6	10.0	40	80	B	RECTIFIER STD.	Tube strikes at approximately 35 on R when this control is turned counterclockwise. See note D.	TB 11-2627-2 10/16/52
339A	12	1	5.0	60	45	B	AMPL	Set MICROMHOS switch to 6000. OK over 1250. See notes A and D.	TB 11-2627-2 10/16/52
345A	4	3	6.3	40	0	B	RECTIFIER STD.	Allow tube 60 seconds to warm up. See note D.	TB 11-2627-2 10/16/52
345A	7	7	6.3	40	0	B	RECTIFIER STD.	Allow tube 60 seconds to warm up. See note D.	TB 11-2627-2 10/16/52
348A	1	9	6.3	48	18	E	AMPL		TB 11-2627-2 10/16/52
349A	8	5	6.3	67	30	E	AMPL		TB 11-2627-2 10/16/52
350A	12	1	6.3	73	27	B	AMPL	See note A.	TB 11-2627-2 10/16/52
350B	8	5	6.3	73	27	E	AMPL		TB 11-2627-2 10/16/52
352A	7	6	10.0	28	20	C	AMPL		TB 11-2627-2 10/16/52
352A	10	6	10.0	0	0	C	DIODE		TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
352A	10	3	10.0	0	0	C	DIODE		TB 11-2627-2 10/16/52
C373	2	10	3.0	42	41	?	AMPL	Mut.Cond.1000.	Hickok 3200-16 4/55
381A	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
385A	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
393A	2	10	3.0	40	80	E	RECTIFIER STD.	Connect plate cap to upper right contact of A socket. Good tube strikes between 30 and 35 on R when this control is rotated counterclockwise. See note D. Shorts on 1, 2, 3, 4, and 4.	TB 11-2627-2 10/16/52
394A	2	10	2.5	40	80	E	RECTIFIER STD.	Connect plate cap to upper right contact of A socket. Good tube strikes between 30 and 35 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
WE396A	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
401	2	10	3.0	42	41	A	AMPL	Mut.Cond. 1000.	Hickok 3200-16 4/55
401A DeForest	2	10	5.0	26	39	A	AMPL	Mut.Cond. 725.	Nolan
403	2	10	3.0	46	72	A	AMPL	Mut.Cond.1200.	Hickok 3200-16 4/55
403A	1	9	6.3	55	20	K	AMPL	Mut.Cond.1500. Shorts on 4 and 5.	Hickok 3200-16 4/55
482A	2	10	5.0	50	65	A	AMPL	Mut.Cond.1500.	Hickok 3200-16 4/55
482B	2	10	5.0	58	57	A	AMPL	Mut.Cond.1500.	Hickok 3200-16 4/55
483	2	10	5.0	50	65	A	AMPL	Mut.Cond.1350.	Hickok 3200-16 4/55
484	1	6	3.0	49	30	B	AMPL	Mut.Cond.1300.	Hickok 3200-16 4/55
484A	1	6	3.0	49	30	B	AMPL	Mut.Cond.1300.	Hickok 3200-16 4/55
485	1	6	3.0	49	30	B	AMPL	Mut.Cond.1300.	Hickok 3200-16 4/55
486	1	6	3.0	60	35	B	AMPL	Mut.Cond.450. MICROMHOS only. OK over 360 on 3000 scale.	Hickok 3200-16 4/55
501-A Boonton	7	6	2.5	28	9	C	AMPL	Mut.Cond.750.Triode Sect.	Nolan
501-A Boonton	10	6	2.5	0	0	C	DIODE	Diode #1.	Nolan
501-A Boonton	10	3	2.5	0	0	C	DIODE	Diode #2.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
CK502AX	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
GL502A	7	5	6.3	45	See Notation	?	RECTIFIER STD.	Strikes at 26 on R.	Hickok 3200-16 4/55
CK503AX	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
CK506AX	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
CK512AX	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
535-B Boonton	7	6	2.5	28	9	C	AMPL	Mut.Cond.750.Triode Sect.	Nolan
535-B Boonton	10	6	2.5	0	0	C	DIODE	Diode #1.	Nolan
535-B Boonton	10	3	2.5	0	0	C	DIODE	Diode #2.	Nolan
536-B Boonton	2	10	2.5	59	50	A	AMPL	Mut.Cond.1850.	Nolan
551	7	6	2.5	42	20	?	AMPL	Mut.Cond.1020.	Hickok 3200-16 4/55
CK551AX	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
CK553AX	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
CK553AY	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
585	2	10	7.5	53	50	A	AMPL	Mut.Cond.1500.	Hickok 3200-16 4/55
586	2	10	7.5	53	50	A	AMPL	Mut.Cond.1500.	Hickok 3200-16 4/55
CK611	7	5	6.3	71	17	L	AMPL		Nolan
CK612	1	9	6.3	75	9	K	AMPL	Mut.Cond.8000. Shorts on 4 and 5.	Nolan
CK612	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
R612G	7	1	2.5	0	0	A	RECTIFIER STD.	OK over 1000. See notes A and D.	Nolan
615	7	5	6.3	36	25	E	AMPL	Connect right cap to upper right contact on A socket with lead provided. Connect grid lead to left cap.	TB 11-2627-2 10/16/52
629	1	6	2.5	40	See Notation	?	RECTIFIER STD.	Strikes at 32 on R.	Hickok 3200-16 4/55
SC651	3	9	6.3	58	0	N	AMPL	Shorts on 4 and 5.	Nolan
SC651	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
C686	1	6	3.0	60	35	?	AMPL	Mut.Cond.450. MICROMHOS only. OK over 360 on 3000 scale.	Hickok 3200-16 4/55
SD706	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
713A	4	2	6.3	42	24	E	AMPL	See note A.	TB 11-2627-2 10/16/52
717A	4	2	6.3	44	23	E	AMPL	Mut.Cond.3500.	TB 11-2627-2 10/16/52
WE731A	1	9	6.3	55	20	K	AMPL	Mut.Cond.1500.Shorts on 4 and 5.	Nolan
WE731A	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
ECC801S	4	2	12.6	15	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
ECC801S	4	2	12.6	15	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
ECC801S	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
801A	2	10	7.5	53	0	A	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
ECC802S	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
ECC802S	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
ECC802S	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
802	10	3	6.3	60	18	D	AMPL	Mut.Cond.2000.See note A.	TB 11-2627-2 10/16/52
ECC803S	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
807	12	1	6.3	70	27	B	AMPL	Mut.Cond.3500.Connect plate to top left contact of 6 pin socket.	Hickok 3200-16 4/55
809	8	8	6.3	56	0	A	AMPL	Mut.Cond.1700.Connect plate cap to right center contact of B socket with lead provided. See note D.	T.O. 33AA21-1-4 5/20/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
811	3	2	6.3	50	0	A	AMPL	Mut.Cond.1400.Connect cap to upper contact of 5 pin (B) socket. Use special lead provided.	TB 11-2627-2 10/16/52
812	9	2	6.3	59	0	A	AMPL	Mut.Cond.2200. See note A.	TB 11-2627-2 10/16/52
816	7	1	2.5	20	0	A	RECTIFIER STD.	See notes A and D.	TB 11-2627-2 10/16/52
829/829B	7	2	12.6	70	14	E	AMPL	Plate No.1. Use adapter M-418.	TM 11-2627 C1 10/24/45
829/829B	4	2	12.6	70	14	E	AMPL	Plate No.2. Use adapter M-418	TM 11-2627 C1 10/24/45
829/829B	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
832/832A	7	2	12.6	67	14	E	AMPL	Mut.Cond.3000. Plate No.1. Use adapter M-418	TB 11-2627-2 10/30/46
832/832A	4	2	12.6	67	14	E	AMPL	Mut.Cond.3000. Plate No.2. Use adapter M-418	TB 11-2627-2 10/30/46
832/832B	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
834	10	2	7.5	57	0	A	AMPL	Mut.Cond.1800. Far cap = Plate. Near cap = grid. See note A.	Hickok 3200-16 4/55
SD834	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
836	7	1	3.0	30	0	A	RECTIFIER STD.	See notes A and D. OK over 1500.	T.O. 33AA21-1-4 5/20/55
837	10	3	12.6	71	0	D	AMPL	See note A.	TB 11-2627-2 10/16/52
840	4	7	2.0	60	20	B	AMPL	Mut.Cond.400. Connect plate cap to top contact of 7-pin socket. OK over 320.	Hickok 3200-16 4/55
841	2	10	7.5	42	0	A	AMPL	Mut.Cond.350. Ok over 280 on 3000 scale.	Hickok 3200-16 4/55
842	2	10	7.5	46	50	A	AMPL	Mut.Cond.1150.	TB 11-2627-2 10/16/52
843	1	6	2.5	56	10	B	AMPL	Mut.Cond.1625.	TB 11-2627-2 10/16/52
S856	4	4	OFF	0	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	Nolan
S856	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
S860	4	4	OFF	30	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	Nolan
S860	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
P861	7	7	6.3	40	0	B	RECTIFIER STD.		Hickok 3200-16 4/55
P861	5	1	6.3	40	0	B	RECTIFIER STD.		Hickok 3200-16 4/55
864	2	10	1.1	18	37	A	AMPL	Mut.Cond.650.	TB 11-2627-2 10/16/52
865	10	4	7.5	16	28	A	AMPL	Mut.Cond.625.See note A.	TB 11-2627-2 10/16/52
866A/866	7	1	2.5	40	0	A	RECTIFIER STD.	See notes A and D.	TB 11-2627-2 10/16/52
866Jr.	2	7	2.5	40	0	A	RECTIFIER STD.		Hickok 3200-16 4/55
871	7	1	2.5	20	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
874	4	5	OFF	30	0	A	GAS No.1.	See note D.	TB 11-2627-2 10/16/52
878	5	12	2.5	0	0	A	RECTIFIER STD.	Connect plate cap to left hand contact of 5-pin socket.	Hickok 3200-16 4/55
879	7	1	2.5	0	0	A	RECTIFIER STD.	OK over 1000. See note D.	TB 11-2627-2 10/16/52
884	1	6	6.3	40	80	E	RECTIFIER STD.	Good tube strikes between 55 and 65 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 C5 3/19/57
885	1	6	2.5	40	80	B	RECTIFIER STD.	Good tube strikes between 55 and 65 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
EAA901S	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
EAA901S	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
950	1	5	2.0	37	37	B	AMPL	Mut.Cond.950.	TB 11-2627-2 10/16/52
951	2	5	2.0	18	29	A	AMPL	Mut.Cond.640.	TB 11-2627-2 10/16/52
954	6	7	6.3	44	17	M	AMPL	Mut.Cond.1100.	TB 11-2627-2 10/16/52
955	9	7	6.3	59	18	M	AMPL	Mut.Cond.1900. See note D.	TB 11-2627-2 10/16/52
956	6	7	6.3	53	14	M	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
957	9	7	1.1	19	23	M	AMPL	Mut.Cond.650. Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
958	9	7	1.1	32	34	M	AMPL	Mut.Cond.1200. Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
958A	9	7	1.1	32	34	M	AMPL	Shorts on 4 and 5.	TB 11-2627-2 10/16/52
959	6	7	1.1	10	30	M	AMPL	Mut.Cond.600. Shorts on 4 and 5.	TB 11-2627-2 10/16/52
FM1000	3	6	6.3	53	10	F	AMPL	Mut.Cond.1500. Grid 1.	TB 11-2627-2 10/16/52
FM1000	10	10	6.3	53	10	F	AMPL	Mut.Cond.1500. Grid 2.	TB 11-2627-2 10/16/52
1003	4	8	OFF	0	0	E	NOTHING	Check for shorts.	TB 11-2627-2 10/30/46
1003	2	9	OFF	60	0	E	0Z4	See note D.	TB 11-2627-2 10/30/46
1003	10	2	OFF	60	0	E	0Z4	See note D.	TB 11-2627-2 10/30/46
1005	1	12	6.3	68	0	G	0Z4	See note D.	TB 11-2627-2 10/16/52
1005	12	1	OFF	68	0	G	0Z4	See note D.	TB 11-2627-2 10/16/52
1006	2	7	1.5	68	0	A	0Z4	See note D.	TB 11-2627-2 10/16/52
1006	3	7	1.5	68	0	A	0Z4	See note D.	TB 11-2627-2 10/16/52
1007	8	2	1.1	62	0	E	0Z4	Shorts on 4 and 5.	TB 11-2627-2 10/16/52
1007	8	3	OFF	62	0	E	0Z4	Shorts on 4 and 5.	TB 11-2627-2 10/16/52
R1045	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
E1148	7	2	6.3	62	10	?	AMPL	Mut.Cond.2200.Upper cap = plate. Lower cap = grid.	Hickok 3200-16 4/55
M1060	9	5	6.3	0	0	E	AMPL	Connect plate cap to upper center contact on D socket with lead provided. OK over 900. See bote D.	Nolan
1201	12	4	6.3	67	0	N	AMPL	Shorts on 1, 2, and 5.	TB 11-2627-2 10/16/52
1201	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1203 / 1203A	9	5	6.3	25	0	F	DIODE		TB 11-2627-2 10/16/52
1204	3	9	6.3	58	0	N	AMPL	Shorts on 4 and 5.	TB 11-2627-2 10/16/52
1204	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
1206	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
1221	1	7	6.3	49	17	C	AMPL	Mut.Cond.1225.	1943 Slyvania Manual
1231	5	4	6.3	71	10	F	AMPL	Mut.Cond.4000.	TB 11-2627-2 10/16/52
1232	5	4	6.3	60	15	F	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
1237	1	6	2.5	32	0	?	DIODE	Plate No.1. Shorts on 1, 2, 3, 4, and 5.	Hickok 3200-16 4/55
1237	6	6	2.5	32	0	?	DIODE	Plate No.1. Shorts on 1, 2, 3, 4, and 5.	Hickok 3200-16 4/55
HY1269	12	1	12.6	70	24	B?	AMPL	Mut.Cond.4000. See note A. Shorts on 2 and 5.	Hickok 3200-16 4/55
1273	6	2	6.3	63	9	F	AMPL	Mut.Cond.2275.	Hickok 3200-16 4/55
1274	10	2	6.3	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
1274	2	9	6.3	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
1280	6	2	12.6	63	9	F	AMPL	Mut.Cond.2275.	Hickok 3200-16 4/55
1282	6	2	6.3	67	9	F	AMPL	Mut.Cond.3000. Shorts on 1, 4, and 5.	Nolan
1284	6	2	12.6	60	23	F	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
1285	8	5	25.0	72	31	F	AMPL	Mut.Cond.5800.	TB 11-2627-2 10/16/52
1291	6	6	2.5	35	25	F	DIODE	Shorts on 4 and 5. Reads in Green. Plate 1.	TM 11-2627 **C1** 10/24/45
1291	1	6	2.5	35	25	F	DIODE	Shorts on 4 and 5. Reads in Green. Plate 2.	TM 11-2627 **C1** 10/24/45
1291	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
1293	6	2	1.5	50	25	F	AMPL	Mut.Cond.1300. See note D.	TB 11-2627-2 10/16/52
1294	10	5	1.5	0	0	F	DIODE		TB 11-2627-2 10/16/52
1299	6	2	2.5	61	30	F	AMPL	Mut.Cond.2100. Short on 1. See note E.	TB 11-2627-2 10/16/52
1602	2	10	7.5	50	32	A	AMPL	Mut.Cond.1250.	Nolan
1603	1	7	6.3	49	17	C	AMPL		TB 11-2627-2 10/16/52
1609	1	5	1.5	26	18	B	AMPL	Mut.Cond.725.	TB 11-2627-2 10/16/52
1611	8	5	6.3	60	24	E	AMPL		TB 11-2627-2 10/16/52
1612	1	9	6.3	20	19	E	AMPL	Mut.Cond.650. See note D.	TB 11-2627-2 10/16/52
1612	8	5	6.3	20	22	E	AMPL	Mut.Cond.650. See note D.	TB 11-2627-2 10/16/52
1613	8	5	6.3	60	24	E	AMPL	Mut.Cond.2250.	TB 11-2627-2 10/16/52
1614	8	5	6.3	73	20	E	AMPL		TB 11-2627-2 10/16/52
1616	7	1	2.5	35	0	A	RECTIFIER STD.	See notes A and D.	TB 11-2627-2 10/16/52
1619	8	5	2.5	69	24	E	AMPL	Mut.Cond.3400.	TB 11-2627-2 10/16/52
1620	1	9	6.3	48	18	E	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
1621	8	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
1622	8	5	6.3	73	20	E	AMPL	Mut.Cond.5000.	TB 11-2627-2 10/16/52
1623	12	1	6.3	61	0	A	AMPL	Mut.Cond. 2200. See note A.	Hickok 3200-16 4/55
1624	12	1	2.5	71	14	B	AMPL	Mut.Cond.4000. See note A.	TB 11-2627-2 10/16/52
1625	4	3	12.6	0	56	D	AMPL	Mut.Cond.3800. Special cap lead to right center contact of 6 pin (C) socket. OK over 500.	TB 11-2627-2 10/16/52
1626	8	5	12.6	61	43	E	AMPL	Mut.Cond.2100. See note D.	TB 11-2627-2 10/16/52
1629	4	8	12.6	0	0	E	AMPL	Eye open.	TB 11-2627-2 10/16/52
1629	4	9	12.6	0	0	E	AMPL	Eye closed.	TB 11-2627-2 10/16/52
1631	8	5	12.6	73	19	E	AMPL	Mut.Cond.5000.	TB 11-2627-2 10/16/52
1632	8	5	12.6	75	15	E	AMPL	Mut.Cond.8000.	TB 11-2627-2 10/16/52
1633	4	1	25.0	75	0	G	AMPL	Mut.Cond.8500.	TB 11-2627-2 10/16/52
1633	10	4	25.0	69	0	G	AMPL	Mut.Cond.3400. Shorts on 2 and 3.	TB 11-2627-2 10/16/52
1634	10	3	12.6	42	0	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
1634	1	3	12.6	42	0	G	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
1635	12	5	6.3	35	0	E	AMPL	Mut.Cond.850.	TB 11-2627-2 10/16/52
1635	2	9	6.3	35	0	E	AMPL	Mut.Cond.850.	TB 11-2627-2 10/16/52
1641	7	1	5.0	40	0	A	RECTIFIER STD.	Connect clip lead to right plate cap. Left plate cap of tube under test should be connected to the upper left contact of the 6-pin (C) socket. A 12-inch lead with clip and banna plug is provided for that purpose. See note D.	TB 11-2627-2 10/16/52
1641	7	1	5.0	40	0	A	RECTIFIER STD.	Connect clip lead to left plate cap. Right plate cap of tube under test should be connected to the upper left contact of the 6-pin (C) socket. A 12-inch lead with clip and banna plug is provided for that purpose. See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
1644	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
1659	7	6	2.5	28	9	C	AMPL	Mut.Cond.750.Triode Sect.	Nolan
1659	10	6	2.5	0	0	C	DIODE	Diode #1.	Nolan
1659	10	3	2.5	0	0	C	DIODE	Diode #2.	Nolan
CK1800	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
1851	8	5	6.3	71	10	E	AMPL	Mut.Cond.4000.	TB 11-2627-2 10/16/52
1852	4	2	6.3	71	10	E	AMPL	Mut.Cond.3500.	Hickok 3200-16 4/55
1853	4	2	6.3	71	10	E	AMPL	Mut.Cond.3500.	TB 11-2627-2 10/16/52
2050	8	5	6.3	40	80	E	RECTIFIER STD.	Good tubes strike between 30 and 35 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
2051	8	5	6.3	40	80	E	RECTIFIER STD.	Good tubes strike between 30 and 35 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
A2209	8	4	6.3	74	0	L	AMPL	Mut.Cond.6000. Short on 3.	Nolan
A2209	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
A2227	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
A4273B	4	1	6.3	56	24	G	AMPL	Mut.Cond.1650.Shorts on 2 and 3.	Nolan
A4273B	10	4	6.3	56	24	G	AMPL	Mut.Cond.1650. Shorts on 2 and 3.	Nolan
A4273B	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
A4375A	12	2	6.3	45	5	K	AMPL	Mut.Cond.1150.	Nolan
A4375A	4	8	6.3	0	82	K	DIODE		Nolan
A4434	1	2	6.3	69	11	K	AMPL	Mut.Cond.5000. See note D.	Nolan
A4434	11	8	6.3	69	11	K	AMPL	Mut.Cond.5000. See note D.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
A-4442	11	2	6.3	59	20	K	AMPL	Mut.Cond.1900.	Nolan
A-4442	4	8	6.3	0	0	K	DIODE	Diode No. 1.	Nolan
A-4442	1	8	6.3	0	0	K	DIODE	Diode No. 2.	Nolan
A-4442	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
A4450	8	5	6.3	70	17	L	AMPL	Mut.Cond.3700.	Nolan
A4475	>	>	6.3	>	>	>	>	See table III for testing with MX-949*.	Nolan
A4498	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
A4498	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
A4498	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
A4524A	1	9	6.3	60	12	A	AMPL	Mut.Cond.2000.	Nolan
A4524A	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
5517	10	2	OFF	64	0	H	0Z4	Connect plate cap of tube to upper left contact of 6-pin (C) siocket. Use special lead provided. Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
5556	2	10	5.0	49	21	A	AMPL	Mut.Cond.1300.	Hickok 3200-16 4/55
A5581A	1	7	6.3	52	13	E	AMPL	Mut.Cond.750. See note D.	Nolan
A5581A	7	7	6.3	60	33	E	AMPL	Mut.Cond.300. OK over 240. See note D.	Nolan
5610	8	10	6.3	70	22	L	AMPL	Mut.Cond.4000.	Hickok 3200-16 4/55
5633 / SN944	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5634 / SD828E	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5635 / SN955B	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5636 / SN1007B	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5637 / SD917A	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5638 / SD828A	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5640 / SN947C	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5641 / SN977C	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5643	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5645	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
5646	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5647 / SN978B	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5651	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5654	1	9	6.3	55	20	K	AMPL	Mut.Cond.1500. Shorts on 4 and 5.	Nolan
5654	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5656	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5663	12	2	6.3	40	80	K	RECTIFIER STD.	Tube strikes at approximately 25 on R when this control is turned counter clockwise. See note D.	TB 11-2627-2 10/16/52
5670	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5672	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5676 / CK556AX	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5677 / CK568AX	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5678 / CK569AX	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5679	8	5	6.3	40	0	F	DIODE	Diode No.1. Shorts on 1, 2, 3, 4, and 5.	Hickok 3200-16 4/55
5679	11	5	6.3	40	0	F	DIODE	Diode No.2. Shorts on 2, 3, 4, and 5.	Hickok 3200-16 4/55
5687	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5691	4	1	6.3	36	0	G	AMPL	Mut.Cond.900. Triode No.1.	Hickok 3200-16 4/55
5691	10	4	6.3	53	0	G	AMPL	Mut.Cond.1400. Triode No.2. Shorts on 2 and 3.	Hickok 3200-16 4/55
5692	4	1	6.3	56	24	G	AMPL	Mut.Cond.1650.Triode No.1.	Hickok 3200-16 4/55
5692	10	4	6.3	56	24	G	AMPL	Mut.Cond.1650.Triode No.2. Shorts on 2 and 3.	Hickok 3200-16 4/55
5694	2	9	6.3	60	0	E	AMPL	Mut.Cond.2000.Triode No.1. Shorts on 4 and 5.	Hickok 3200-16 4/55
5694	12	5	6.3	60	0	E	AMPL	Mut.Cond.2000.Triode No.2. Shorts on 1,4, and 5.	Hickok 3200-16 4/55
5696	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5702	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5703	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5704	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5725	1	9	6.3	42	15	K	AMPL		TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
5726	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	TB 11-2627-2 10/16/52
5726	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	TB 11-2627-2 10/16/52
5729	4	8	6.3	40	80	K	RECTIFIER STD.	Good tube strikes between 25 and 30 on R when this control is rotated counterclockwise. Shorts on 2 and 3. See note D.	Nolan
5731	9	6	6.3	52	24	M	AMPL	Mut.Cond.1500.	Hickok 3200-16 4/55
5732	8	5	6.3	54	16	E	AMPL	Mut.Cond.1450.	Hickok 3200-16 4/55
5742	2	8	5.0	25	12	A	AMPL	Mut.Cond.750.	Hickok 3200-16 4/55
5744	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5749	7	9	6.3	70	0	K	AMPL		TB 11-2627-2 10/16/52
5750	7	9	6.3	55	23	K	AMPL	Mut.Cond.1600.	T.O. 33AA21-1-4 5/20/55
5751	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5783	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5787	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5812	7	9	6.3	70	38	K	AMPL	Mut.Cond.4300. Shorts on 4 and 5.	Hickok 3200-16 4/55
5814	4	2	12.6	60	25	E	AMPL	Use adapter #5 for Triode #1.	TB 11-2627-2 4/7/49
5814	4	2	12.6	60	25	E	AMPL	Use adapter #6 for Triode #2.	TB 11-2627-2 4/7/49
5814	>	>	>	>	>	>	>	See table III for testing with MX-949*.	TB 11-2627-2 10/16/52
5824	8	5	25.0	71	43	E	AMPL	Mut.Cond.4000.	Nolan
CK5829	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5839	7	2	25.0	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 C5 3/19/57
5839	7	5	25.0	35	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 C5 3/19/57
5844	1	2	6.3	66	13	K	AMPL	Mut.Cond.3000.Triode No.1.	Hickok 3200-16 4/55
5844	11	8	6.3	66	13	K	AMPL	Mut.Cond.3000.Triode No.2.	Hickok 3200-16 4/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
5852	8	5	6.3	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5852	10	2	6.3	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5854	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5881	8	5	6.3	63	20	E	AMPL	Mut.Cond.5000.Set MICROMHOS switch to 6000.	Nolan
5896	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5903	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
5930	2	10	2.5	57	55	A	AMPL		TB 11-2627-2 C5 3/19/57
5931	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5931	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
5932	8	5	6.3	63	20	E	AMPL	Set MICROMHOS switch at 6000.	TB 11-2627-2 C5 3/19/57
5933	1	6	6.3	0	56	B	AMPL	Special cap lead to right center of 6 pin (C) socket. OK over 500	TB 11-2627-2 C5 3/19/57
5961	1	7	6.3	28	17	E	AMPL	Mut.Cond.750. See note D.	Nolan
5961	7	7	6.3	28	17	E	AMPL	Mut.Cond.750. See note D.	Nolan
5992	8	5	6.3	67	25	E	AMPL	Mut.Cond.3000.	Hickok 3200-16 4/55
6005	8	5	6.3	70	17	L	AMPL		T.O. 33AA21-1-4 5/20/55
6006	4	2	6.3	68	10	E	AMPL	Mut.Cond.3300.	Nolan
6012	7	2	6.3	62	See Notation	E	GAS No.1.	Strikes at 29 on R.	Hickok 3200-16 4/55
6057	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6060	4	2	12.6	15	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
6060	4	2	12.6	15	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
6060	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6063	3	5	6.3	35	0	K	RECTIFIER STD.	Plate No. 1. See note D.	Nolan
6063	6	5	6.3	35	0	K	RECTIFIER STD.	Plate No. 2. See note D.	Nolan
6066	11	4	6.3	47	15	K	AMPL	Mut.Cond.1200.	Nolan
6066	4	8	6.3	0	0	K	DIODE		Nolan
6066	1	8	6.3	0	0	K	DIODE		Nolan
6067	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
6067	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
6067	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6072	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6073	4	4	OFF	0	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	Nolan
6073	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6074	4	4	OFF	30	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	Nolan
6074	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6080	1	7	6.3	28	17	E	AMPL	Mut.Cond.750. See note D.	Nolan
6080	7	7	6.3	28	17	E	AMPL	Mut.Cond.750. See note D.	Nolan
6080	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6087	4	11	5.0	30	0	E	RECTIFIER STD.	Plate No.1.	Hickok 3200-16 4/55
6087	5	11	5.0	30	0	E	RECTIFIER STD.	Plate No.2.	Hickok 3200-16 4/55
6095	8	5	6.3	70	17	L	AMPL		T.O. 33AA21-1-4 5/20/55
6096	1	9	6.3	55	20	K	AMPL	Mut.Cond.1500.Shorts on 4 and 5.	Nolan
6096	>	>	>	>	>	>	>	See table III for testing with MX-949*.	T.O. 33AA21-1-4 5/20/55

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6097	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	T.O. 33AA21-1-4 5/20/55
6097	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	T.O. 33AA21-1-4 5/20/55
6098	8	5	6.3	71	36	E	AMPL	Use Adapter # 3.	Nolan
6098	>	>	>	>	>	>	>	See table III for testing with MX-949*.	T.O. 33AA21-1-4 5/20/55
6099	1	2	6.3	69	11	K	AMPL	Mut.Cond.5000. See note D.	Nolan
6099	11	8	6.3	69	11	K	AMPL	Mut.Cond.5000. See note D.	Nolan
6100	2	9	6.3	67	20	L	AMPL	See note D.	T.O. 33AA21-1-4 5/20/55
6101	1	2	6.3	69	11	K	AMPL	See note D.	T.O. 33AA21-1-4 5/20/55
6101	11	8	6.3	69	11	K	AMPL	See note D.	T.O. 33AA21-1-4 5/20/55
6113	4	1	6.3	36	0	G	AMPL	Mut.Cond.900.	Nolan
6113	10	4	6.3	53	0	G	AMPL	Mut.Cond.1400. Shorts on 2 and 3.	Nolan
6113	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6134	4	2	6.3	71	10	E	AMPL	Mut.Cond.3500.	Hickok 3200-16 4/55
6135	2	9	6.3	62	28	L	AMPL	Mut.Cond.2200.	Hickok 3200-16 4/55
6136	1	9	6.3	62	18	K	AMPL	Mut.Cond.2300	Hickok 3200-16 4/55
6136	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6137	4	2	6.3	59	18	E	AMPL	Mut.Cond.1900.	Nolan
6145	5	4	6.3	74	8	F	AMPL		Nolan
R-6175B	4	11	5.0	40	0	E	RECTIFIER STD.	See note D.	Nolan
R-6175B	5	11	5.0	40	0	E	RECTIFIER STD.	See note D.	Nolan
6185	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6186	1	9	6.3	67	0	K	AMPL	Mut.Cond.3000. Shorts on 4 and 5	Nolan
6186	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6187	1	9	6.3	42	15	K	AMPL		Nolan
6188	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6189	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6189	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
6189	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
R-6200	4	8	6.3	40	80	K	RECTIFIER STD.	Good tube strikes between 25 and 30 on R when this control is rotated counterclockwise. Shorts on 2 and 3. See note D.	Nolan
6201	4	2	12.6	15	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
6201	4	2	12.6	15	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
6201	>	>	>	>	>	>	>	See table III for testing with MX-949*.	T.O. 33AA21-1-4 5/20/55
6202	3	5	6.3	33	0	K	RECTIFIER STD.	Plate No.1.	Hickok 3200-16 4/55
6202	6	5	6.3	33	0	K	RECTIFIER STD.	Plate No.2.	Hickok 3200-16 4/55
6265	1	9	6.3	60	12	K	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
R-6269	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
R-6269	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
R6272	2	9	6.3	33	0	E	RECTIFIER STD.	Plate No. 1.	Nolan
R6272	10	2	6.3	33	0	E	RECTIFIER STD.	Plate No. 2.	Nolan
R6277	3	5	6.3	35	0	K	RECTIFIER STD.	Plate # 1. See note D.	Nolan
R6277	6	5	6.3	35	0	K	RECTIFIER STD.	Plate # 2. See note D.	Nolan
6485	7	9	6.3	68	15	K	AMPL	Mut.Cond.5000.	Nolan
6626	4	4	OFF	0	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	Nolan
6626	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6627	4	4	OFF	30	0	H	GAS No. 1	OK over 200. Shorts on 4 and 5. See note D.	Nolan
6627	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6660	7	9	6.3	70	0	K	AMPL	Mut.Cond.4300.	Nolan
6661	1	9	6.3	60	12	A	AMPL	Mut.Cond.2000.	Nolan
6661	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6662	7	9	6.3	70	10	K	AMPL	Mut.Cond.3800.	Nolan
6663	9	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
6663	4	2	6.3	60	0	K	DIODE	Shorts on 2 and 3.	Nolan
6664	11	9	6.3	70	8	K	AMPL	Mut.Cond.4000.	Nolan
6664	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6669	8	5	6.3	70	17	L	AMPL	Mut.Cond.3700.	Nolan
6670	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
6670	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
6670	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6671	4	2	12.6	15	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
6671	4	2	12.6	15	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
6671	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6676	1	9	6.3	62	18	K	AMPL	Mut.Cond.2200.	Nolan
6679	4	2	12.6	15	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
6679	4	2	12.6	15	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
6679	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
6680	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
6680	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
6680	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
6681	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7000	1	9	6.3	48	18	E	AMPL	Mut.Cond.1225.	Nolan
7025	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
7055	9	2	12.6	60	0	K	DIODE		Nolan
7055	4	2	12.6	60	0	K	DIODE		Nolan
7056	1	9	12.6	62	18	K	AMPL	Mut.Cond.2200.	Nolan
7058	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7193	7	2	12.6	57	25	E	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
7316	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
7316	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
7316	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7489	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
7489	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
7489	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7494	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7543	12	2	6.3	50	10	K	AMPL	Mut.Cond.1250. Triode Section.	Nolan
7543	3	8	6.3	0	0	K	DIODE	Diode No. 1	Nolan
7543	2	8	6.3	0	0	K	DIODE	Diode No. 2	Nolan
7543	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7693	1	9	6.3	60	12	A	AMPL	Mut.Cond.2000.	Nolan
7693	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7694	7	9	6.3	70	10	K	AMPL	Mut.Cond.3800.	Nolan
7700	1	7	6.3	49	17	C	AMPL	Mut.Cond.1225.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
7728	4	2	12.6	15	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
7728	4	2	12.6	15	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
7728	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7729	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7730	4	2	12.6	60	25	E	AMPL	Use adapter #5 for triode #1.	Nolan
7730	4	2	12.6	60	25	E	AMPL	Use adapter #6 for triode #2.	Nolan
7730	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7732	1	9	6.3	62	18	K	AMPL	Mut.Cond.2200.	Nolan
7752	1	9	6.3	42	15	K	AMPL	Mut.Cond.1750.	Nolan
7755	1	9	6.3	65	22	K	AMPL	Mut.Cond.2750.Shorts on 4 and 5.	Nolan
7755	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7756	8	5	6.3	71	36	E	AMPL	Use Adapter # 3.	Nolan
7756	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
7758	8	5	6.3	71	36	E	AMPL	Use Adapter # 3.	Nolan
7758	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
8016	7	1	1.1	0	0	E	RECTIFIER STD.	Shorts on 3, 4, and 5. OK over 200. See notes A and D.	TB 11-2627-2 10/16/52
8020	7	1	5.0	6	0	A	RECTIFIER STD.	See notes A and D.	TB 11-2627-2 10/16/52
8425	1	9	6.3	62	16	K	AMPL	Mut.Cond.2300.	Nolan
8425	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
8426	7	9	12.6	63	12	K	AMPL	Mut.Cond. 2300.	Nolan

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
8426	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
8532	8	4	6.3	74	0	L	AMPL	Mut.Cond.6000. Short on 3.	Nolan
8532	>	>	>	>	>	>	>	See table III for testing with MX-949*.	Nolan
9001	1	9	6.3	44	17	K	AMPL	Mut.Cond.1100. Shorts on 4 and 5.	TM 11-2627 8/3/44
9001	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
9002	2	9	6.3	59	18	L	AMPL	Mut.Cond.1900. Shorts on 4 and 5.	TM 11-2627 8/3/44
9002	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
9003	1	9	6.3	54	14	K	AMPL	Mut Cond.1500. Shorts on 4 and 5.	TM 11-2627 8/3/44
9003	>	>	>	>	>	>	>	See table III.	TB 11-2627-2 10/16/52
9004	9	12	6.3	44	0	M	DIODE	Good tube reads in green sector.	TB 11-2627-2 10/16/52
9005	9	1	3.0	20	0	M	DIODE	Shorts on 2, 3, 4, and 5. Good tube reads in green sector.	TB 11-2627-2 10/16/52
9006	2	9	6.3	20	0	L	DIODE	Shorts on 4 and 5.	TB 11-2627-2 10/16/52
A30870	7	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	Nolan
38001	2	10	5.0	26	39	A	AMPL	Mut.Cond.725.	TB 11-2627-2 10/16/52
38112	2	10	5.0	57	36	A	AMPL	Mut.Cond.1650.	TB 11-2627-2 10/16/52
38019	8	8	2.0	42	12	C	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38019	11	6	2.0	42	12	C	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38022	2	5	3.0	0	37	A	AMPL	Mut.Cond.500.	TB 11-2627-2 10/16/52
38024	7	6	2.5	42	10	B	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38027	1	6	2.5	40	34	B	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38030	2	10	2.0	36	33	A	AMPL	Mut.Cond.900.	TB 11-2627-2 10/16/52
38031	2	10	2.0	35	53	A	AMPL	Mut.Cond.925.	TB 11-2627-2 10/16/52
38032	2	5	2.0	19	30	A	AMPL	Mut.Cond.640.	TB 11-2627-2 10/16/52
38032A	2	5	2.0	18	29	A	AMPL		TB 11-2627-2 10/16/52
38033	1	5	2.0	50	29	B	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
38034	2	5	2.0	14	27	A	AMPL	Mut.Cond.600.	TB 11-2627-2 10/16/52
38035	7	6	2.5	42	20	B	AMPL	Mut.Cond.1020.	TB 11-2627-2 10/16/52
38036	7	6	6.3	43	20	B	AMPL	Mut.Cond.1050.	TB 11-2627-2 10/16/52
38037	1	6	6.3	36	34	B	AMPL	Mut.Cond.900.	TB 11-2627-2 10/16/52
38038	7	6	6.3	41	32	B	AMPL	Mut.Cond.1050.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
38039	7	6	6.3	41	23	B	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38040	2	10	5.0	60	26	A	AMPL	Mut.Cond.200. OK over 160.	TB 11-2627-2 10/16/52
38041	8	5	6.3	55	28	C	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52
38042	8	5	6.3	60	24	C	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
38045	2	10	2.5	59	50	A	AMPL	Mut.Cond.1850.	TB 11-2627-2 10/16/52
38047	1	5	2.5	60	18	B	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
38050	2	10	7.5	53	50	A	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
38053	12	5	2.5	53	10	D	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
38056	1	6	2.5	53	26	B	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
38057	2	5	2.5	48	17	C	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
38058	2	5	2.5	54	20	C	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
38059	8	8	2.5	60	18	D	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
38064	2	10	1.1	18	37	A	AMPL	Mut.Cond.650.	TB 11-2627-2 10/16/52
38071	2	10	5.0	56	60	A	AMPL	Mut.Cond.1650.	TB 11-2627-2 10/16/52
38075	7	6	6.3	28	9	C	AMPL	Mut.Cond.750.	TB 11-2627-2 10/16/52
38075	10	6	6.3	0	0	C	DIODE	Diode #1.	TB 11-2627-2 10/16/52
38075	10	3	6.3	0	0	C	DIODE	Diode #2.	TB 11-2627-2 10/16/52
38076	1	6	6.3	53	24	B	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
38077	2	5	6.3	48	17	C	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
38078	2	5	6.3	54	20	C	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
38085	7	6	6.3	40	32	C	AMPL	Mut.Cond.975.	TB 11-2627-2 10/16/52
38085	10	6	6.3	0	0	C	DIODE	Diode #1.	TB 11-2627-2 10/16/52
38085	10	3	6.3	0	0	C	DIODE	Diode #2.	TB 11-2627-2 10/16/52
38089	2	5	6.3	54	30	C	AMPL	Mut.Cond.1550.	TB 11-2627-2 10/16/52
38102	2	10	5.0	57	36	A	AMPL		Nolan
38110	2	10	7.5	50	32	A	AMPL	Mut.Cond.1250.	TB 11-2627-2 10/16/52
38142	2	10	7.5	62	30	A	AMPL	Mut.Cond.2200.	TB 11-2627-2 10/16/52
38143	1	6	2.5	56	10	B	AMPL	Mut.Cond.1625.	TB 11-2627-2 10/16/52
38165	10	4	7.5	16	28	A	AMPL	Mut.Cond.625.See note A.	TB 11-2627-2 10/16/52
38166A	7	1	2.5	40	0	A	RECTIFIER STD.	See notes A and D.	TB 11-2627-2 10/16/52
38171	7	1	2.5	20	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38180	2	7	5.0	35	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38180	3	7	5.0	35	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
38181	2	7	7.5	33	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38182	2	7	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38182	3	7	2.5	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38183	2	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38183	3	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38184	7	7	6.3	40	0	B	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38184	5	1	6.3	40	0	B	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38205	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
38213	2	10	2.5	67	55	A	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52
38215	8	5	2.5	60	24	C	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
38227	7	6	2.5	41	25	D	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38227	10	6	2.5	0	0	D	DIODE	Diode #1.	TB 11-2627-2 10/16/52
38227	10	3	2.5	0	0	D	DIODE	Diode #2.	TB 11-2627-2 10/16/52
38233	3	3	6.3	42	28	D	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38233	9	3	6.3	42	28	D	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38236	1	5	2.0	20	24	C	AMPL	Mut.Cond.650. See note D.	Hickok 3200-16 4/55
38236	9	7	2.0	60	41	C	AMPL	Mut.Cond.300. Osc.Sect. OK over 240 on 3000 scale. See note D.	Hickok 3200-16 4/55
38250	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
38255	7	8	25.0	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38255	12	8	25.0	40	0	C	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38266A	7	1	3.0	30	0	A	RECTIFIER STD.	See notes A and D. OK over 1500.	T.O. 33AA21-1-4 5/20/55
38267	7	1	2.5	35	0	A	RECTIFIER STD.	See notes A and D.	TB 11-2627-2 10/16/52
38274	4	5	OFF	30	0	A	GAS No.1.	See note D.	TB 11-2627-2 10/16/52

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
38275	7	1	OFF	50	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
38290	7	1	OFF	30	0	G	GAS No. 1	Shorts on 4 and 5. See note D.	TB 11-2627-2 C5 3/19/57
38405	1	5	2.5	40	0	A	RECTIFIER STD.	See note D.	Nolan
38565J	7	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
38566H	7	2	6.3	50	0	E	DIODE		TB 11-2627-2 10/16/52
38566H	7	5	6.3	50	0	E	DIODE		TB 11-2627-2 10/16/52
38567K	8	5	6.3	54	16	E	AMPL	Mut.Cond.1450.	TB 11-2627-2 10/16/52
38567R	7	5	6.3	60	17	E	AMPL	Mut.Cond.1900.	TB 11-2627-2 10/16/52
38567R	10	5	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52
38567R	10	2	6.3	0	0	E	DIODE		TB 11-2627-2 10/16/52
38568K	8	5	6.3	41	9	E	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
38568K	11	5	6.3	63	9	E	AMPL	Mut.Cond.2400. See note D.	TB 11-2627-2 10/16/52
38593	2	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38593	3	7	5.0	40	0	A	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
38616	1	5	6.3	53	10	D	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
38616	12	5	6.3	53	10	D	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
38617	7	6	6.3	41	18	D	AMPL	Mut.Cond.1000. See note D.	TB 11-2627-2 10/16/52
38617	10	6	6.3	60	25	D	AMPL	Mut.Cond.400. OK over 320. See note D.	TB 11-2627-2 10/16/52
38627	7	6	6.3	41	25	D	AMPL	Mut.Cond.1000.	TB 11-2627-2 10/16/52
38627	10	6	6.3	0	0	D	DIODE		TB 11-2627-2 10/16/52
38627	10	3	6.3	0	0	D	DIODE		TB 11-2627-2 10/16/52
38636	1	7	6.3	49	17	C	AMPL	Mut.Cond.1225.	TB 11-2627-2 10/16/52
38646	1	7	6.3	56	17	C	AMPL	Mut.Cond.1600.	TB 11-2627-2 10/16/52
38655	12	3	6.3	0	0	C	AMPL	Eye open.	TB 11-2627-2 10/16/52
38655	12	2	6.3	0	0	C	AMPL	Eye closed.	TB 11-2627-2 10/16/52
38667	7	6	6.3	45	23	D	AMPL	Mut.Cond.1100.	TB 11-2627-2 10/16/52
38667	10	6	6.3	60	23	D	AMPL	Mut.Cond.450. OK over 360.	TB 11-2627-2 10/16/52
38717E	8	8	2.0	45	17	E	AMPL	Mut.Cond.1150.	TB 11-2627-2 10/16/52
38717E	11	6	2.0	45	17	E	AMPL	Mut.Cond.1150.	TB 11-2627-2 10/16/52
38765J	7	5	6.3	60	24	E	AMPL	Mut.Cond.2000.	TB 11-2627-2 10/16/52
38766Y	8	5	6.3	60	42	E	AMPL	Set MICROMHOS switch at 6000.	TB 11-2627-2 C1 10/5/53

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
38768F	8	7	6.3	60	13	E	AMPL	Mut.Cond.2000. Plate No. 1.	TB 11-2627-2 10/16/52
38768F	11	7	6.3	60	13	E	AMPL	Mut.Cond.2000. Plate No. 2.	TB 11-2627-2 10/16/52
38807	12	1	6.3	70	27	B	AMPL	Mut.Cond. 3500. Connect plate to top left contact of 6 pin socket.	Hickok 3200-16 4/55
38837	10	3	12.6	71	0	D	AMPL	See note A.	TB 11-2627-2 10/16/52
38842	2	10	7.5	46	50	A	AMPL	Mut.Cond.1150.	TB 11-2627-2 10/16/52
38853	4	2	6.3	71	10	E	AMPL	Mut.Cond.3500.	TB 11-2627-2 10/16/52
38884	1	6	6.3	40	80	E	RECTIFIER STD.	Good tube strikes between 55 and 65 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 C5 3/19/57
38954	6	7	6.3	44	17	M	AMPL	Mut.Cond.1100.	TB 11-2627-2 10/16/52
38955	9	7	6.3	59	18	M	AMPL	Mut.Cond.1900. See note D.	TB 11-2627-2 10/16/52
38956	6	7	6.3	53	14	M	AMPL	Mut.Cond.1500.	TB 11-2627-2 10/16/52
38959	6	7	1.1	10	30	M	AMPL	Mut.Cond.600. Shorts on 4 and 5.	TB 11-2627-2 10/16/52
38968	9	7	1.1	32	34	M	AMPL	Mut.Cond.1200. Shorts on 4 and 5. See note D.	TB 11-2627-2 10/16/52
D86326	2	10	4.3	39	25	A	AMPL	Insert tube in socket with pin on base away from operator.	Nolan
D86327	2	10	4.3	60	60	A	AMPL	Minimum value of 830.	TB 1671-4 12/26/42 (560)
AD	1	5	6.3	40	0	A	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55
AF	2	7	2.5	40	0	A	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55
AF	3	7	2.5	40	0	A	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55
AG	2	7	5.0	40	0	A	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55
AG	3	7	5.0	40	0	A	RECTIFIER STD.	See note D.	Hickok 3200-16 4/55
GA	1	5	5.0	60	16	?	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
LA	1	5	6.3	60	23	B	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
PZ	1	5	2.5	60	18	B	AMPL	Mut.Cond.2000.	Hickok 3200-16 4/55
PZH	8	8	2.5	63	25	C	AMPL	Mut.Cond.2400.	Hickok 3200-16 4/55
WUN-A	8	8	2.5	11	37	?	AMPL	Mut.Cond.600.Grid #1.	560 Hickok Roll Chart

Tube Type	Selector Switch		Filament	Potentiometers		Socket Letter	Press	Notations	Data Source
	A	B		L	R				
WUN-A	8	6	2.5	11	37	?	AMPL	Mut.Cond.600.Grid #2.	560 Hickok Roll Chart
XXB	2	10	2.5	30	30	F	AMPL		TB 11-2627-2 10/16/52
XXB	12	6	2.5	31	60	F	AMPL	OK over 320.	TB 11-2627-2 10/16/52
XXD	12	5	12.6	64	0	F	AMPL	Mut.Cond.2500.Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
XXD	2	9	12.6	64	0	F	AMPL	Mut.Cond.2500.	TB 11-2627-2 10/16/52
XXFM	1	2	6.3	30	0	F	AMPL	Shorts on 1, 4, and 5.	TB 11-2627-2 10/16/52
XXFM	12	8	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
XXFM	7	3	6.3	0	0	F	DIODE		TB 11-2627-2 10/16/52
XXL	6	2	6.3	67	0	F	AMPL	Mut.Cond.3000.	TB 11-2627-2 10/16/52

TABLE III. TUBE TEST DATA FOR USE WITH THE TUBE TESTER I-177(*) AND TUBE SOCKET ADAPTER KIT MX-949(*).

beta 1.08 July 5, 2002

Note A: The plate cap of the tube under test should be connected to the upper left contact of the 6-pin (C) socket. A 12-inch lead with clip and bananna plug is provided for this purpose.

Note B: Connect the plate cap (nearest the operator) to the upper left contact of the 6-pin (C) socket; use the lead provided. Connect the grid lead to the remaining cap on the tube.

Note C: Set the MICROMHOS switch at 6000 when testing this section if the tube tester bears either Order No. 27613-Phila-44-52 or 52346-Phila-45-10 on the nomenclature plate.

Note D: This test is only a partial indication of a good tube. A complete test is only possible when using equipment.

Note E: Do not tap on these tubes when testing for shots because damage to the tube may result.

Note F: The Mutual Conductance values listed are averages for new tubes and only for a guide.

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
0A2	0	32	0	2	**to**	K	X8	GAS No.1.	OK over 500. See note D.	TB 11-2627-2 C5 3/19/57
				5		P				
0B2	0	30	0	2	**to**	K	X8	GAS No.1.	OK over 600. See note D.	TB 11-2627-2 C5 3/19/57
				5		P				
1AD4	1.5	55	20	1	**to**	P	X5 OR X6 if short leads.	AMPL	Set LINE TEST to 1250.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
1AE4	1.1	40	21	1	**to**	FIL	X8	AMPL	OK over 850	TB 11-2627-2 10/16/52
				2		P				
				3		SC				
				6		G				
				7		FIL				
1AH4	1.1	0	20	1	**to**	P	X5	AMPL	Red dot indicates pin No.1. Set MICROMHOS switch to 6000. OK over 700. See note D.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
1C8	1.1	0	40	2	to	K	X5 OR X6 if short leads.	AMPL	Converter Section. OK over 350. See note D.	TB 11-2627-2 10/16/52
				4		FIL				
				5		FIL				
				6		P				
				7		SC				
				8		G				
1C8	1.1	0	60	2	to	G	X5 OR X6 if short leads.	AMPL	Oscillator Section. OK over 950 See note D.	TB 11-2627-2 10/16/52
				4		FIL				
				5		FIL				
				6		P				
				7		P				
				8		K				
1LG5	1.5	0	28	1	to	FIL	X4	AMPL		TB 11-2627-2 10/16/52
				2		P				
				3		SC				
				5		FIL				
				6		G				
1Q6	1.1	5	25	2	to	G	X5 OR X6 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.	TB 11-2627-2 10/16/52
				4		FIL				
				5		FIL				
				7		P				
				8		SC				
1Q6	1.1	0	0	4	to	FIL	X5 OR X6 if short leads.	DIODE	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.	TB 11-2627-2 10/16/52
				5		FIL				
				6		P				
1S4	1.5	50	45	1	to	FIL	X8	AMPL	See note E.	TB 11-2627-2 10/16/52
				2		P				
				3		G				
				4		SC				
				7		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
1S6	1.1	5	25	1	to	P	X5 OR X6 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.	TB 11-2627-2 10/16/52
				3		G				
				4		FIL				
				5		FIL				
				8		SC				
1S6	1.1	0	0	4	to	FIL	X5 OR X6 if short leads.	DIODE	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.	TB 11-2627-2 10/16/52
				5		FIL				
				6		P				
1V5	1.1	0	24	2	to	G	X5	AMPL	OK over 440. See note D.	TB 11-2627-2 10/16/52
				4		FIL				
				5		FIL				
				7		P				
				8		SC				
1W5	1.1	0	28	2	to	G	X5 OR X6 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.	TB 11-2627-2 10/16/52
				4		FIL				
				5		FIL				
				7		P				
				8		SC				
1Z2	1.1	0	0	1	to	FIL	X8	RECTIFIER STD.	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. OK OVER 500. See note D.	TB 11-2627-2 10/16/52
				2		FIL				
				CAP		PLATE				
2C50	12.6	48	39	1	to	K	X3	AMPL	Section No.1.	TB 11-2627-2 10/16/52
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
2C50	12.6	48	39	1	to	G	X3	AMPL	Section No.2.	TB 11-2627-2 10/16/52
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
2C51	6.3	64	22	1	to	FIL	X9	AMPL	Section No.1.	TB 11-2627-2 C5 3/19/57
				2		K				
				3		G				
				4		P				
				9		FIL				
2C51	6.3	64	22	1	to	FIL	X9	AMPL	Section No.2.	TB 11-2627-2 10/16/52
				6		P				
				7		G				
				8		K				
				9		FIL				
2C52	12.6	15	20	1	to	K	X3	AMPL	Section No.1	TB 11-2627-2 10/16/52
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
2C52	12.6	15	20	1	to	G	X3	AMPL	Section No.2	TB 11-2627-2 10/16/52
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				
2E24	6.3	48	30	1	to	K	X3	AMPL	Shorts on 4 and 5. Set MICROMHOS switch to 6000.	TB 11-2627-2 C1 10/5/53
				2		FIL				
				3		SC				
				4		K				
				5		G				
				7		FIL				
				CAP		P				
2E26	6.3	54	35	1	to	K	X3	AMPL	Shorts on 4 and 5. Set MICROMHOS switch to 6000.	TB 11-2627-2 C1 10/5/53
				2		FIL				
				3		SC				
				5		G				
				7		FIL				
				8		K				
				CAP		P				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
2E30	6.3	52	25	1	to	G	X8	AMPL	Shorts on 4 and 5. Set MICROMHOS switch to 6000.	TB 11-2627-2 C1 10/5/53
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
2E31	1.1	10	30	1	to	P	X5 OR X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
2E32	1.1	10	30	1	to	P	X5 OR X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
2E35	1.1	0	18	1	to	P	X5	AMPL	Red dot indicates pin No.1. Depress AMPL only momentarily. Good tube reads on green.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
2E41	1.1	10	30	1	to	P	X5 OR X7 if short leads.	AMPL	Pentode section. Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		SC				
				4		FIL				
				5		G				
				6		FIL				
2E41	1.1	0	0	3	to	P	X5 OR X7 if short leads.	DIODE	Diode section. Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.	TB 11-2627-2 10/16/52
				4		FIL				
				6		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
3A4	3.0	60	39	1	to	FIL	X8	AMPL	See note E.	TB 11-2627-2 10/16/52
				2		P				
				3		SC				
				4		G				
				6		P				
				7		FIL				
3AU6	3.0	45	20	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
3AV6	3.0	53	10	1	to	G	X8	AMPL	Triode section.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				7		P				
3AV6	3.0	0	0	2	to	K	X8	DIODE	Diode No.1.	Nolan
				3		FIL				
				4		FIL				
				6		P				
3AV6	3.0	0	0	2	to	K	X8	DIODE	Diode No.2.	Nolan
				3		FIL				
				4		FIL				
				5		P				
3B4	3.0	54	50	1	to	SC	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		G				
				4		FIL				
				5		FIL				
				6		K				
				7		P				
3B7	2.5	40	25	1	to	FIL	X4	AMPL	Triode No.1. See Notes D and E.	TB 11-2627-2 C1 10/5/53
				6		G				
				7		P				
				8		FIL				
3B7	2.5	40	25	1	to	FIL	X4	AMPL	Triode No.2. See Notes D and E.	TB 11-2627-2 C1 10/5/53
				2		P				
				3		G				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
3BN6	3.0	10	0	1	to	K	X8	AMPL	Limiter grid.	Nolan
				2		G				
				3		FIL				
				4		FIL				
				5		SC				
				6		K				
				7		P				
3BN6	3.0	25	0	1	to	K	X8	AMPL	Quadrature grid.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		SC				
				6		G				
				7		P				
3C33	12.6	60	32	1	to	FIL	X1	AMPL	Section No.1. Set MICROMHOS switch to 15,000. See note D.	TB 11-2627-2 C5 3/19/57
				4		K				
				5		P				
				6		G				
				7		FIL				
3C33	12.6	60	32	1	to	FIL	X1	AMPL	Section No.2. Set MICROMHOS switch to 15,000. See note D.	TB 11-2627-2 C5 3/19/57
				2		G				
				3		P				
				4		K				
				7		FIL				
3E29	12.6	65	24	1	to	FIL	X1	AMPL	Section No.1. Use tube contact assembly to make plate connection. See note D.	TB 11-2627-2 10/16/52
				2		G				
				3		SC				
				4		K				
				6		G				
				7		FIL				
				Top lead of tube nearest operator to P.						
3E29	12.6	65	24	1	to	FIL	X1	AMPL	Section No.2. Use tube contact assembly to make plate connection. See note D.	TB 11-2627-2 10/16/52
				2		G				
				3		SC				
				4		4				
				6		G				
				7		FIL				
				Top lead away from operator to P.						

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
3Q4GT/G	2.5	62	20	1	to	FIL	X8	AMPL	See note E.	TB 11-2627-2 10/16/52
				2		P				
				3		G				
				4		SC				
				6		P				
				7		FIL				
3S4	3.0	50	45	1	to	FIL	X8	AMPL	See note E.	TB 11-2627-2 10/16/52
				2		P				
				3		G				
				4		SC				
				7		FIL				
4AU6	4.3	45	20	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
4AV6	4.3	53	10	1	to	G	X8	AMPL	Triode section.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				7		P				
4AV6	4.3	0	0	2	to	K	X8	DIODE	Diode No.1.	Nolan
				3		FIL				
				4		FIL				
				6		P				
4AV6	4.3	0	0	2	to	K	X8	DIODE	Diode No.2.	Nolan
				3		FIL				
				4		FIL				
				5		P				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
4BN6	4.3	10	0	1	to	K	X8	AMPL	Limiter grid.	Nolan
				2		G				
				3		FIL				
				4		FIL				
				5		SC				
				6		K				
				7		P				
4BN6	4.3	25	0	1	to	K	X8	AMPL	Quadrature grid.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		SC				
				6		G				
				7		P				
5A6	5.0	55	32	1	to	P	X9	AMPL	Shorts on 4 and 5.	TB 11-2627-2 10/16/52
				3		K				
				4		FIL				
				5		FIL				
				6		SC				
				7		G				
				9		K				
6AB4	6.3	72	11	1	to	P	X8	AMPL		TB 11-2627-2 10/16/52
				3		FIL				
				4		FIL				
				6		G				
				7		K				
6AG5	6.3	59	15	1	to	G	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6AJ5	6.3	71	21	1	to	G	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6AK5	6.3	53	23	1	to	G	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6AK6	6.3	59	24	1	to	G	X8	AMPL		TB 11-2627-2 C5 3/19/57
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6AN5	6.3	65	16	1	to	G	X8	AMPL	Reads in green sector. Set MICROMHOS switch at 6000.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6AN6	6.3	40	0	1	to	FIL	X8	DIODE	See note D.	TB 11-2627-2 10/16/52
				2		P				
				6		K				
				7		FIL				
6AN6	6.3	40	0	1	to	FIL	X8	DIODE	See note D.	TB 11-2627-2 10/16/52
				3		P				
				6		K				
				7		FIL				
6AN6	6.3	40	0	1	to	FIL	X8	DIODE	See note D.	TB 11-2627-2 10/16/52
				4		P				
				6		K				
				7		FIL				
6AN6	6.3	40	0	1	to	FIL	X8	DIODE	See note D.	TB 11-2627-2 10/16/52
				5		P				
				6		K				
				7		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6AQ7	6.3	0	22	4	to	G	X3	AMPL	Triode. OK over 1100. See note D.	TB 11-2627-2 10/16/52
				5		P				
				6		K				
				7		FIL				
				8		FIL				
6AQ7	6.3	0	0	1	to	P	X3	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				2		K				
				3		K				
				7		FIL				
				8		FIL				
6AQ7	6.3	0	0	1	to	K	X3	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				2		K				
				3		P				
				7		FIL				
				8		FIL				
6AR6	6.3	71	36	1	to	K	X3	AMPL		TB 11-2627-2 10/16/52
				3		P				
				5		SC				
				6		FIL				
				7		G				
				8		FIL				
6AS5	6.3	72	33	1	to	K	X8	AMPL		T.O. 33AA21-1-4 5/20/55
				2		G				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		P				
6AS7G	6.3	70	82	4	to	G	X3	AMPL	Triode No.1. Depress AMPL TEST switch only momentarily.	TB 11-2627-2 10/16/52
				5		P				
				6		K				
				7		FIL				
				8		FIL				
6AS7G	6.3	70	82	1	to	G	X3	AMPL	Depress AMPL TEST switch only momentarily.	TB 11-2627-2 10/16/52
				2		P				
				3		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6AT6	6.3	0	22	1	to	G	X8	AMPL	Triode Section.	TB 11-2627-2 C1 10/5/53
				2		K				
				3		FIL				
				4		FIL				
				7		P				
6AT6	6.3	0	0	2	to	K	X8	DIODE	Diode No.1.	TB 11-2627-2 C1 10/5/53
				3		FIL				
				4		FIL				
				6		P				
6AT6	6.3	0	0	2	to	K	X8	DIODE	Diode No.2.	TB 11-2627-2 C1 10/5/53
				3		FIL				
				4		FIL				
				5		P				
6AU6	6.3	45	20	1	to	G	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6AV6	6.3	53	10	1	to	G	X8	AMPL	Triode section.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				7		P				
6AV6	6.3	0	0	2	to	K	X8	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				3		FIL				
				4		FIL				
				6		P				
6AV6	6.3	0	0	2	to	K	X8	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				3		FIL				
				4		FIL				
				5		P				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6B6G	6.3	30	12	2	to	FIL	X3	AMPL	Triode. Connect clip lead to top of tube	TB 11-2627-2 10/16/52
				3		P				
				7		FIL				
				8		K				
				CAP		G				
6B6G	6.3	0	0	2	to	FIL	X3	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				4		P				
				7		FIL				
				8		K				
6B6G	6.3	0	0	2	to	FIL	X3	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				5		P				
				7		FIL				
				8		K				
6B8	6.3	49	20	1	to	K	X3	AMPL	Pentode Section	TB 11-2627-2 10/16/52
				2		FIL				
				3		P				
				6		SC				
				7		FIL				
				8		K				
				CAP		G				
6B8	6.3	0	0	1	to	K	X3	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				2		FIL				
				5		P				
				7		FIL				
				8		K				
6B8	6.3	0	0	1	to	K	X3	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				2		FIL				
				4		P				
				7		FIL				
				8		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6B8G	6.3	43	20	2	to	FIL	X3	AMPL	Pentode Section	TB 11-2627-2 10/16/52
				3		P				
				6		SC				
				7		FIL				
				8		K				
				CAP		G				
6B8G	6.3	0	0	2	to	FIL	X3	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				5		P				
				7		FIL				
				8		K				
6B8G	6.3	0	0	2	to	FIL	X3	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				4		P				
				7		FIL				
				8		K				
6BA7	6.3	60	16	1	to	SC	X9	AMPL	Amplifier Section. OK over 500. See note D.	TB 11-2627-2 C1 10/5/53
				3		K				
				4		FIL				
				5		FIL				
				6		K				
				7		G				
				9		P				
6BA7	6.3	25	25	1	to	SC	X9	AMPL	OK over 500. See note D.	TB 11-2627-2 C1 10/5/53
				2		G				
				3		K				
				4		FIL				
				5		FIL				
				6		K				
				9		P				
6BF6	6.3	50	23	1	to	G	X8	AMPL	Triode	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				7		P				
6BF6	6.3	0	0	2	to	K	X8	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				3		FIL				
				4		FIL				
				6		P				
6BF6	6.3	0	0	2	to	K	X8	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				3		FIL				
				4		FIL				
				5		P				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6BF7	6.3	54	25	3	to	FIL	X5	AMPL	Section No.1.	TB 11-2627-2 C5 3/19/57
				5		K				
				6		FIL				
				7		G				
				8		P				
6BF7	6.3	54	25	1	to	P	X5	AMPL	Section No.2.	TB 11-2627-2 C5 3/19/57
				2		G				
				3		FIL				
				4		K				
				6		FIL				
6BH6	6.3	58	15	1	to	G	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6BN6	6.3	10	0	1	to	K	X8	AMPL	Limiter grid.	TB 11-2627-2 10/16/52
				2		G				
				3		FIL				
				4		FIL				
				5		SC				
				6		K				
				7		P				
6BN6	6.3	25	0	1	to	K	X8	AMPL	Quadrature grid.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		SC				
				6		G				
				7		P				
6F4	6.3	63	29	1	to	FIL	X2	AMPL	Set. MICROMHOS switch to 6000.	TB 11-2627-2 C1 10/5/53
				2		G				
				3		P				
				6		FIL				
				7		K				
6J4	6.3	60	20	1	to	G	X8	AMPL	Set. MICROMHOS switch to 6000. Reads OK over 800.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				7		P				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6K4	6.3	60	35	1	to	P	X5 or X6 if short leads.	AMPL	Green arrow on tube indicates No. 1 lead. See note D.	TB 11-2627-2 10/16/52
				2		G				
				3		FIL				
				4		FIL				
				5		K				
6SL7GT	6.3	34	13	1	to	K	X3	AMPL	Section No.1.	TB 11-2627-2 10/16/52
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
6SL7GT	6.3	34	13	1	to	G	X3	AMPL	Section No.2.	TB 11-2627-2 10/16/52
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				
6SN7GT	6.3	56	24	1	to	K	X3	AMPL	Section No.1. See note D.	TB 11-2627-2 10/16/52
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
6SN7GT	6.3	56	24	1	to	G	X3	AMPL	Section No.2. See note D.	TB 11-2627-2 10/16/52
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6SQ7	6.3	42	0	1	to	K	X3	AMPL	Triode section.	TB 11-2627-2 C5 3/19/57
				2		G				
				3		K				
				6		P				
				7		FIL				
				8		FIL				
6SQ7	6.3	0	0	3	to	K	X3	DIODE	Diode No.1.	TB 11-2627-2 C5 3/19/57
				4		P				
				7		FIL				
				8		FIL				
6SQ7	6.3	0	0	3	to	K	X3	DIODE	Diode No.2.	TB 11-2627-2 C5 3/19/57
				5		P				
				7		FIL				
				8		FIL				
6SR7	6.3	53	25	2	to	G	X3	AMPL	Triode	TB 11-2627-2 10/16/52
				3		K				
				6		P				
				7		FIL				
				8		FIL				
6SR7	6.3	0	0	3	to	K	X3	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				5		P				
				7		FIL				
				8		FIL				
6SR7	6.3	0	0	3	to	K	X3	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				4		P				
				7		FIL				
				8		FIL				
6SU7	6.3	32	13	1	to	K	X3	AMPL	Section No.1.	TB 11-2627-2 C5 3/19/57
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
6SU7	6.3	32	13	1	to	G	X3	AMPL	Section No.2.	TB 11-2627-2 C5 3/19/57
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
7AB7	6.3	58	0	1	to	SC	X4	AMPL		TB 11-2627-2 10/16/52
				2		FIL				
				3		P				
				4		K				
				5		G				
				6		K				
				7		FIL				
7E5	6.3	67	0	1	to	G	X4	AMPL	See Note D.	TB 11-2627-2 C1 10/5/53
				2		FIL				
				3		P				
				4		K				
				5		G				
				6		K				
				7		P				
				8		FIL				
7E6	6.3	47	25	1	to	FIL	X4	AMPL	Triode section.	TB 11-2627-2 10/16/52
				2		P				
				3		K				
				7		G				
				8		FIL				
7E6	6.3	0	0	1	to	FIL	X4	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				6		P				
				7		K				
				8		FIL				
7E6	6.3	0	0	1	to	FIL	X4	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				5		P				
				7		K				
				8		FIL				
7F8	6.3	62	20	1	to	K	X4	AMPL	Section No.1. See note D.	TB 11-2627-2 10/16/52
				2		FIL				
				5		K				
				6		P				
				7		FIL				
				8		G				
7F8	6.3	60	20	1	to	G	X4	AMPL	Section No.2. See note D.	TB 11-2627-2 10/16/52
				2		FIL				
				3		P				
				4		K				
				7		FIL				
				8		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
7G8	6.3	0	27	1	to	FIL	X5	AMPL	Section No.1. OK OVER 1050. See note D.	TB 11-2627-2 10/16/52
				3		SC				
				4		G				
				5		G				
				6		K				
				7		P				
				8		FIL				
7G8	6.3	0	27	1	to	FIL	X5	AMPL	Section No.2. OK OVER 1050. See note D.	TB 11-2627-2 10/16/52
				2		P				
				3		SC				
				4		G				
				5		G				
				6		K				
				8		FIL				
7K7	6.3	0	20	1	to	FIL	X4	AMPL	Triode section.	TB 11-2627-2 10/16/52
				2		K				
				3		P				
				4		G				
				8		FIL				
7K7	6.3	0	0	1	to	FIL	X4	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				6		P				
				7		K				
				8		FIL				
7K7	6.3	0	0	1	to	FIL	X4	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				5		P				
				7		K				
				8		FIL				
12AH7GT	12.6	57	25	1	to	K	X3	AMPL	Section No.1.	TB 11-2627-2 10/16/52
				4		K				
				5		G				
				6		P				
				7		FIL				
				8		FIL				
12AH7GT	12.6	57	25	1	to	G	X3	AMPL	Section No.2.	TB 11-2627-2 10/16/52
				2		K				
				3		P				
				5		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
12AT6	12.6	0	22	1	to	G	X8	AMPL	Triode section.	TB 11-2627-2 C1 10/5/53
				2		K				
				3		FIL				
				4		FIL				
				7		P				
12AT6	12.6	0	0	2	to	K	X8	DIODE	Diode No.1.	TB 11-2627-2 C1 10/5/53
				3		FIL				
				4		FIL				
				6		P				
12AT6	12.6	0	0	2	to	K	X8	DIODE	Diode No.2.	TB 11-2627-2 C1 10/5/53
				3		FIL				
				4		FIL				
				5		P				
12AT7	12.6	63	18	4	to	FIL	X9	AMPL	Section No.1.	T.O. 33AA21-1-4 5/20/55
				5		FIL				
				6		P				
				7		G				
				8		K				
12AT7	12.6	63	18	1	to	P	X9	AMPL	Section No.2.	T.O. 33AA21-1-4 5/20/55
				2		G				
				3		K				
				4		FIL				
				5		FIL				
12AU6	12.6	45	20	1	to	G	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
12AU7	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	TB 11-2627-2 10/16/52
				5		FIL				
				6		P				
				7		G				
				8		K				
12AU7	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	TB 11-2627-2 10/16/52
				2		G				
				3		K				
				4		FIL				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
12AV6	12.6	53	10	1	to	G	X8	AMPL	Triode section.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				7		P				
12AV6	12.6	0	0	2	to	K	X8	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				3		FIL				
				4		FIL				
				6		P				
12AV6	12.6	0	0	2	to	K	X8	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				3		FIL				
				4		FIL				
				5		P				
12AV7	12.6	60	15	4	to	FIL	X9	AMPL	Section No.1. Shorts on 4 and 5. Set MICROMHOS switch to 15000. OK over 400.	TB 11-2627-2 10/16/52
				5		FIL				
				6		P				
				7		G				
				8		K				
				9		K				
12AV7	12.6	60	15	1	to	P	X9	AMPL	Section No.2. Shorts on 4 and 5. Set MICROMHOS switch to 15000. OK over 400.	TB 11-2627-2 10/16/52
				2		G				
				3		K				
				4		FIL				
				5		FIL				
				9		K				
12AX7	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	TB 11-2627-2 10/16/52
				5		FIL				
				6		P				
				7		G				
				8		K				
12AX7	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	TB 11-2627-2 10/16/52
				2		G				
				3		K				
				4		FIL				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
12AY7	12.6	10	24	4	to	FIL	X9	AMPL	Section No.1.	T.O. 33AA21-1-4 5/20/55
				5		FIL				
				6		P				
				7		G				
				8		K				
12AY7	12.6	10	24	1	to	P	X9	AMPL	Section No.2.	T.O. 33AA21-1-4 5/20/55
				2		G				
				3		K				
				4		FIL				
				5		FIL				
12BH7	12.6	63	30	4	to	FIL	X9	AMPL	Section No.1.	T.O. 33AA21-1-4 5/20/55
				5		FIL				
				6		P				
				7		G				
				8		K				
12BH7	12.6	63	30	1	to	P	X9	AMPL	Section No.2.	T.O. 33AA21-1-4 5/20/55
				2		G				
				3		K				
				4		FIL				
				5		FIL				
12L8GT	12.6	58	15	1	to	G	X4	AMPL	Section No.1.	TB 11-2627-2 10/16/52
				2		K				
				3		K				
				5		SC				
				6		FIL				
				7		FIL				
				8		P				
12L8GT	12.6	58	15	1	to	K	X4	AMPL	Section No.2.	TB 11-2627-2 10/16/52
				2		K				
				3		G				
				4		P				
				5		SC				
				6		FIL				
				7		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
12SL7	12.6	34	13	1	to	G	X3	AMPL	Section No.1.	TB 11-2627-2 10/16/52
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				
12SL7	12.6	34	13	1	to	K	X3	AMPL	Section No.2.	TB 11-2627-2 10/16/52
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
12SN7	12.6	56	24	1	to	K	X3	AMPL	Section No.1. See note D.	TB 11-2627-2 C1 10/5/53
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
12SN7	12.6	56	24	1	to	G	X3	AMPL	Section No.2. See note D.	TB 11-2627-2 C1 10/5/53
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				
12SQ7	12.6	42	0	1	to	K	X3	AMPL	Triode section.	TB 11-2627-2 C5 3/19/57
				2		G				
				3		K				
				6		P				
				7		FIL				
				8		FIL				
12SQ7	12.6	0	0	3	to	K	X3	DIODE	Diode No.1.	TB 11-2627-2 C5 3/19/57
				4		P				
				7		FIL				
				8		FIL				
12SQ7	12.6	0	0	3	to	K	X3	DIODE	Diode No.2.	TB 11-2627-2 C5 3/19/57
				5		P				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
12SR7	12.6	53	25	2	to	G	X3	AMPL	Triode section.	TB 11-2627-2 10/16/52
				3		K				
				6		P				
				7		FIL				
				8		FIL				
12SR7	12.6	0	0	3	to	K	X3	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				5		P				
				7		FIL				
				8		FIL				
12SR7	12.6	0	0	3	to	K	X3	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				4		P				
				7		FIL				
				8		FIL				
12SW7	12.6	56	23	2	to	G	X3	AMPL	Triode section.	TB 11-2627-2 10/16/52
				3		K				
				6		P				
				7		FIL				
				8		FIL				
12SW7	12/6	20	0	3	to	K	X3	DIODE	Diode No.1. OK over 800.	TB 11-2627-2 10/16/52
				5		P				
				7		FIL				
				8		FIL				
12SW7	12.6	20	0	3	to	K	X3	DIODE	Diode No.2. OK. Over 800.	TB 11-2627-2 10/16/52
				4		P				
				7		FIL				
				8		FIL				
14E6	12.6	47	25	1	to	FIL	X4	AMPL	Triode section.	TB 11-2627-2 10/16/52
				2		P				
				3		G				
				7		K				
				8		FIL				
14E6	12.6	0	0	1	to	FIL	X4	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				6		P				
				7		K				
				8		FIL				
14E6	12.6	0	0	1	to	FIL	X4	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				5		P				
				7		K				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
14F8	12.6	60	20	1	to	K	X4	AMPL	Section No.1. See note D.	TB 11-2627-2 C1 10/5/53
				2		FIL				
				5		K				
				6		P				
				7		FIL				
				8		G				
14F8	12.6	60	20	1	to	G	X4	AMPL	Section No.2. See note D.	TB 11-2627-2 C1 10/5/53
				2		FIL				
				3		P				
				4		K				
				7		FIL				
				8		K				
26A6	25.0	60	9	1	to	G	X8	AMPL	Set the MICROMHOS switch at 6000. Allow 60 seconds warm-up time. OK over 1250. See note D.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
26A7	25.0	60	10	1	to	G	X3	GAS No.1.	Section No.1. Allow 60 seconds warm-up time. Set the MICROMHOS switch at 6000. OK over 1000. See note D.	TB 11-2627-2 10/16/52
				2		K				
				6		FIL				
				7		FIL				
				8		P				
26A7	25.0	60	10	2	to	K	X3	GAS No.1.	Section No.2. Allow 60 seconds warm-up time. Set the MICROMHOS switch at 6000. OK over 1000. See note D.	TB 11-2627-2 10/16/52
				3		G				
				4		P				
				6		FIL				
				7		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
26C6	25.0	60	18	1	to	G	X8	AMPL	Triode Section. Allow 60 seconds warm-up time. OK over 1200. See note D.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				7		P				
26C6	25.0	0	0	1	to	G	X8	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				6		P				
26C6	25.0	0	0	1	to	G	X8	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
26Z5	25.0	60	0	1	to	P	X9	DIODE	Diode No.1.	TB 11-2627-2 10/16/52
				3		K				
				4		FIL				
				5		FIL				
26Z5	25.0	60	0	4	to	FIL	X9	DIODE	Diode No.2.	TB 11-2627-2 10/16/52
				5		FIL				
				6		P				
				8		K				
HD30	3.0	54	50	1	to	SC	X8	AMPL		Nolan
				2		K				
				3		G				
				4		FIL				
				5		FIL				
				6		K				
				7		P				
RY32 (Russian) Plate # 1	12.6	52	30	1	to	FIL	X1	AMPL	Use tube contact clip assembly to make plate connection. See note D.	Nolan
				2		G				
				3		SC				
				4		K				
				6		G				
				7		FIL				
				Top lead of tube nearest operator to P.						
RY32 (Russian) Plate	12.6	52	30	1	to	FIL	X1	AMPL	Use tube contact clip assembly to make plate	Nolan
				2		G				
				3		SC				
				4		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
(Russian) Plate # 2	12.6	32	30	6		G	X1	AMPL	assembly to make plate connection. See note D.	Nolan
				7		FIL				
				Top lead of tube away from operator to P.						
35B5	35.0	63	32	1	**to**	G	X8	AMPL	Set the MICROMHOS switch at 6000.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		G				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
35C5	35.0	63	32	1	to	K	X8	AMPL	Set. MICROMHOS switch to 6000.	TB 11-2627-2 10/16/52
				2		G				
				3		FIL				
				4		FIL				
				5		G				
				6		SC				
				7		P				
50B5	50.0	65	32	1	to	G	X8	AMPL	Set. MICROMHOS switch to 6000.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		G				
50C5	50.0	65	32	1	to	K	X8	AMPL	Set the MICROMHOS switch at 6000.	TB 11-2627-2 10/16/52
				2		G				
				3		FIL				
				4		FIL				
				5		G				
				6		SC				
				7		P				
HD51	0	32	0	2	to	K	X8	GAS No.1.	OK over 500. See note D.	Nolan
				5		P				
HD59	6.3	52	25	1	to	G	X8	AMPL	Shorts on 4 and 5. Set MICROMHOS switch to 6000.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
DF62	1.5	55	20	1	to	P	X5 OR X6 if short leads.	AMPL	Set LINE TEST to 1250.	Nolan
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
E82CC	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
E82CC	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
E83CC	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
E83CC	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
ECC83	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
ECC83	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
DT275	5.0	55	32	1	to	P	X9	AMPL	Shorts on 4 and 5.	Nolan
				3		K				
				4		FIL				
				5		FIL				
				6		SC				
				7		G				
				9		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
SD329F	1.1	0	28	2	to	G	X5 OR X6 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.	Nolan
				4		FIL				
				5		FIL				
				7		P				
				8		SC				
381A	6.3	48	0	1	to	K	X3	DIODE		TB 11-2627-2 10/16/52
				2		FIL				
				5		P				
				8		FIL				
383A	6.3	60	23	1	to	K	X3	AMPL	Set the MICROMHOS switch at 6000 OK over 900.	TB 11-2627-2 C5 3/19/57
				2		FIL				
				4		G				
				6		P				
				8		FIL				
385A	6.3	48	22	1	to	K	X3	AMPL		TB 11-2627-2 10/16/52
				2		FIL				
				3		SC				
				5		G				
				7		K				
				8		FIL				
				CAP		P				
WE396A	6.3	64	22	1	to	FIL	X9	AMPL	Section No.1.	Nolan
				2		K				
				3		G				
				4		P				
				9		FIL				
WE396A	6.3	64	22	1	to	FIL	X9	AMPL	Section No.2.	Nolan
				6		P				
				7		G				
				8		K				
				9		FIL				
CK502AX	1.1	0	18	1	to	P	X5	AMPL	Red dot indicates pin No.1. Depress AMPL only momentarily. Good tube reads on green.	Nolan
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
CK503AX	1.1	17	30	1	to	P	X5 or X7 if short leads	AMPL	Depress AMPL TEST switch only momentarily. Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
CK506AX	1.1	10	48	1	to	P	X5 or X7 if short leads	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Depress AMPL.TEST only momentarily. Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
CK512AX	1.1	0	31	1	to	P	X5 or X7 if short leads	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1000 instead of LINE TEST. Depress AMPL.TEST only momentarily. Red dot on tube indicates No.1 lead. OK over 250.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
CK551AX	1.1	10	30	1	to	P	X5 OR X7 if short leads.	AMPL	Pentode section. Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	Nolan
				2		SC				
				4		FIL				
				5		G				
				6		FIL				
CK551AX	1.1	0	0	3	to	P	X5 OR X7 if short leads.	DIODE	Diode section. Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST.	Nolan
				4		FIL				
				6		FIL				
CK553AX	1.1	10	30	1	to	P	X5 OR X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	Nolan
				2		SC				
				3		FIL				
				4		G				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
CK553AY	1.1	10	30	1	to	P	X5 OR X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	Nolan
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
CK612	6.3	65	16	1	to	G	X8	AMPL	Reads in green sector. Set MICROMHOS switch at 6000.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
SC651	6.3	58	0	1	to	SC	X4	AMPL		Nolan
				2		FIL				
				3		P				
				4		K				
				5		G				
				6		K				
				7		FIL				
WE731A	6.3	53	23	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
SD706	6.3	0	27	1	to	FIL	X5	AMPL	Section No.1. OK over 1050. See note D.	Nolan
				3		SC				
				4		G				
				5		G				
				6		K				
				7		P				
				8		FIL				
SD706	6.3	0	27	1	to	FIL	X5	AMPL	Section No.2. OK over 1050. See note D.	Nolan
				2		P				
				3		SC				
				4		G				
				5		G				
				6		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
				8		FIL				
ECC801S	12.6	63	18	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
ECC801S	12.6	63	18	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
ECC802S	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
ECC802S	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
ECC803S	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
ECC803S	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
815 Section No.1.	12.6	60	18	1	to	FIL	X3	AMPL	Connect P to left cap on tube. Set MICROMHOS switch at 6000. OK over 1250. See note D.	TB 11-2627-2 C5 3/19/57
				3		K				
				4		SC				
				6		K				
				7		G				
				8		FIL				
815 Section No.2.	12.6	60	18	1	to	FIL	X3	AMPL	Connect P to right cap on tube. Set MICROMHOS switch at 6000. OK over 1250. See note D.	TB 11-2627-2 C5 3/19/57
				2		G				
				3		K				
				4		SC				
				6		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
				8		FIL				
829B Section Number 1.	12.6	65	24	1	to	FIL	X1	AMPL	Use tube contact clip assembly to make plate connection. See note D.	TB 11-2627-2 10/16/52
				2		G				
				3		SC				
				4		K				
				6		G				
				7		FIL				
				Top lead of tube away from operator to P.						
829B Section Number 2.	12.6	65	24	1	to	FIL	X1	AMPL	Use tube contact clip assembly to make plate connection. See note D.	TB 11-2627-2 10/16/52
				2		G				
				3		SC				
				4		K				
				6		G				
				7		FIL				
				Top lead of tube nearest operator to P.						

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
832A Section Number 1.	12.6	52	30	1	to	FIL	X1	AMPL	Use tube contact clip assembly to make plate connection. See note D.	TB 11-2627-2 10/16/52
				2		G				
				3		SC				
				4		K				
				6		G				
				7		FIL				
				Top lead of tube nearest operator to P.						
832A Section Number 2.	12.6	52	30	1	to	FIL	X1	AMPL	Use tube contact clip assembly to make plate connection. See note D.	TB 11-2627-2 10/16/52
				2		G				
				3		SC				
				4		K				
				6		G				
				7		FIL				
				Top lead of tube away from operator to P.						
SD834	6.3	60	35	1	to	P	X5 or X6 if short leads.	AMPL	Green arrow on tube indicates No. 1 lead. See note D.	Nolan
				2		G				
				3		FIL				
				4		FIL				
				5		K				
S856	0	32	0	2	to	K	X8	GAS No.1.	OK over 500. See note D.	Nolan
				5		P				
R1045	1.1	0	0	1	to	FIL	X8	RECTIFIER STD.	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. OK OVER 500. See note D.	Nolan
				2		FIL				
				CAP		PLATE				
1201	6.3	67	0	1	to	G	X4	AMPL	See note D.	TB 11-2627-2 10/16/52
				2		FIL				
				3		P				
				4		K				
				5		G				
				6		K				
				7		P				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
1204	6.3	58	0	1	to	SC	X4	AMPL		TB 11-2627-2 10/16/52
				2		FIL				
				3		P				
				4		K				
				5		G				
				6		K				
				7		FIL				
1206	6.3	0	27	1	to	FIL	X5	AMPL	Section No.1. OK over 1050. See note D.	Nolan
				3		SC				
				4		G				
				5		G				
				6		K				
				7		P				
				8		FIL				
1206	6.3	0	27	1	to	FIL	X5	AMPL	Section No.2. OK over 1050. See note D.	Nolan
				2		P				
				3		SC				
				4		G				
				5		G				
				6		K				
				8		FIL				
1291, Triode No.1	2.5	40	25	1	to	FIL	X4	AMPL	See Note E.	TB 11-2627-2 10/16/52
				6		G				
				7		P				
				8		FIL				
1291, Triode No.2	2.5	40	25	1	to	FIL	X4	AMPL	See Note E.	TB 11-2627-2 10/16/52
				2		P				
				3		G				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
1644, Section No.1.	12.6	58	15	1	to	G	X4	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		K				
				5		SC				
				6		FIL				
				7		FIL				
				8		P				
1644, Section No.2.	12.6	58	15	1	to	K	X4	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		G				
				4		P				
				5		SC				
				6		FIL				
				7		FIL				
CK1800	12.6	48	39	1	to	K	X3	AMPL	Section No.1.	Nolan
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
CK1800	12.6	48	39	1	to	G	X3	AMPL	Section No.2.	Nolan
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				
A2209	6.3	60	20	1	to	G	X8	AMPL	Set. MICROMHOS switch to 6000. Reads OK over 800.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				7		P				
A2227	6.3	63	29	1	to	FIL	X2	AMPL	Set. MICROMHOS switch to 6000.	Nolan
				2		G				
				3		P				
				6		FIL				
				7		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
A4273B	6.3	56	24	1	to	K	X3	AMPL	Section No.1. See note D.	Nolan
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
A4273B	6.3	56	24	1	to	G	X3	AMPL	Section No.2. See note D.	Nolan
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				
A-4442	6.3	50	23	1	to	G	X8	AMPL	Triode	Nolan
				2		K				
				3		FIL				
				4		FIL				
				7		P				
A-4442	6.3	0	0	2	to	K	X8	DIODE	Diode No.1.	Nolan
				3		FIL				
				4		FIL				
				6		P				
A-4442	6.3	0	0	2	to	K	X8	DIODE	Diode No.2.	Nolan
				3		FIL				
				4		FIL				
				5		P				
A4475	6.3	70	82	4	to	G	X3	AMPL	Triode No.1. Depress AMPL TEST switch only momentarily.	Nolan
				5		P				
				6		K				
				7		FIL				
				8		FIL				
A4475	6.3	70	82	1	to	G	X3	AMPL	Depress AMPL TEST switch only momentarily.	Nolan
				2		P				
				3		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
A4498	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
A4498	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
A4524A	6.3	58	15	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
5591	6.3	60	19	1	to	G	X8	AMPL		TB 11-2627-2 C5 3/19/57
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
5633 / SN972	6.3	44	23	1	to	K	X5 or X6 if short leads	AMPL	Green arrow on tube indicates No. 1 lead.	TB 11-2627-2 10/16/52
				2		K				
				3		G				
				4		FIL				
				5		SC				
				6		FIL				
				Top lead of tube to P.						
5634 / SD828E	6.3	54	25	1	to	K	X5 OR X6 if short leads	AMPL	Green arrow on tube indicates No. 1 lead.	TB 11-2627-2 10/16/52
				2		K				
				3		G				
				4		FIL				
				5		SC				
				6		FIL				
				Top lead of tube to P.						

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5635 / SN955B, Section No.1.	6.3	53	25	1		G	X5 or X6 if short leads	AMPL		TB 11-2627-2 10/16/52
				3		FIL				
				6		FIL				
				7		P				
				8		K				
5635 / SN955B, Section No.2.	6.3	53	25	2		G	X5 or X6 if short leads	AMPL		TB 11-2627-2 10/16/52
				3		FIL				
				5	to	P				
				6		FIL				
				8		K				
5636 / SN1007B	6.3	20	50	1		G	X5 or X6 if short leads.	AMPL	Depress AMPL TEST switch only momentarily.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4	to	K				
				5		P				
				6		FIL				
				7		SC				
5637 / SD917A	6.3	15	24	1		P	X5 or X6 if short leads.	AMPL	Green arrow on tube indicates No. 1 lead.	TB 11-2627-2 10/16/52
				2		G				
				3	to	FIL				
				4		FIL				
				5		K				
5638 / SD828A	6.3	38	24	1		P	X5 or X6 if short leads.	AMPL	Green arrow on tube indicates No. 1 lead.	TB 11-2627-2 10/16/52
				2		K				
				3		G				
				4	to	FIL				
				5		SC				
				6		FIL				
5639	6.3	55	21	1		G	X5	AMPL	Set MICROMHOS switch at 6000.	TB 11-2627-2 C5 3/19/57
				3		FIL				
				4		K				
				5	to	P				
				6		FIL				
				7		SC				
				8		K				
5640 / SN947D	6.3	72	40	1		G	X5 or X6 if short leads.	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				5	to	P				
				6		FIL				
				7		SC				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5641 / SN954B	6.3	40	0	2	to	P	X5 or X6 if short leads.	RECTIFIER STD.	See note D.	TB 11-2627-2 10/16/52
				3		FIL				
				5		K				
				6		FIL				
5642	1.1	10	0	1	to	FIL	X5	RECTIFIER STD.	See note D.	TB 11-2627-2 C5 3/19/57
				2		FIL				
				CAP		P				
5643	6.3	40	80	1	to	P	X5 or X6 if short leads.	RECTIFIER STD.	Shorts on 2 and 3. Tube strikes at approximately 31 on R when this control is rotated counterclockwise.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		K				
				5		K				
				6		FIL				
				7		G				
5645 / SN957A	6.3	15	33	1	to	P	X5 or X6 if short leads.	AMPL	Green arrow on tube indicates No. 1 lead.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		G				
				5		FIL				
5646 / SN1006	6.3	0	24	1	to	P	X5 or X6 if short leads.	AMPL	Depress AMPL TEST switch only momentarily. Green arrow indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		G				
				5		FIL				
5647 / SN946B	6.3	40	0	1	to	P	X5 or X7 if short leads	RECTIFIER STD.	Lead No.1 on tube is blue, Lead No.4 on tube is yellow. See note D.	TB 11-2627-2 10/16/52
				2		FIL				
				3		FIL				
				4		K				
5651	OFF	50	0	1	to	P	X8	GAS No.1.	OK over 800. Depress GAS No.1 button until reading has stabilized. See note D.	TB 11-2627-2 10/16/52
				2		K				
				5		P				
				7		K				
5654 / 6AK5W	6.3	53	23	1	to	G	X8	AMPL	Do **NOT** perform gas test.	TB 11-2627-2 C5 3/19/57
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5656, Section No.1.	6.3	72	17	1	to	SC	X9	AMPL		TB 11-2627-2 10/16/52
				2		G				
				4		FIL				
				5		FIL				
				6		K				
				8		P				
5656, Section No.2.	6.3	72	17	1	to	SC	X9	AMPL		TB 11-2627-2 10/16/52
				3		G				
				4		FIL				
				5		FIL				
				6		K				
				7		P				
5670, Section No.1.	6.3	64	22	1	to	FIL	X9	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		G				
				4		P				
				9		FIL				
5670, Section No.2.	6.3	64	22	1	to	FIL	X9	AMPL		TB 11-2627-2 10/16/52
				6		P				
				7		G				
				8		K				
				9		FIL				
5672	1.1	0	48	1	to	P	X5	AMPL	OK over 600. Depress push button only momentarily.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
5676 / CK556AX	1.1	36	33	1	to	P	X5 or X7 if short leads	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		FIL				
				3		G				
				4		FIL				
5677 / CK568AX	1.1	10	32	1	to	P	X5 or X7 if short leads	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		FIL				
				3		G				
				4		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5678 / CK569AX	1.1	10	25	1	to	P	X5 or X	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
5686	6.3	60	30	1	to	K	X9	AMPL		T.O. 33AA21-1-4 5/20/55
				2		G				
				3		K				
				4		FIL				
				5		FIL				
				6		SC				
				7		P				
				9		SC				
5687, Section No.1.	12.6	70	30	4	to	FIL	X9	AMPL		TB 11-2627-2 10/16/52
				5		FIL				
				6		K				
				7		G				
				9		P				
5687, Section No.2.	12.6	70	30	1	to	P	X9	AMPL		TB 11-2627-2 10/16/52
				2		G				
				3		K				
				4		FIL				
				5		FIL				
5691	6.3	34	13	1	to	K	X3	AMPL	Section Number 1.	T.O. 33AA21-1-4 5/20/55
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
5691	6.3	34	13	1	to	G	X3	AMPL	Section Number 2.	T.O. 33AA21-1-4 5/20/55
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5692	6.3	56	24	1	to	K	X3	AMPL	Section Number 1.	T.O. 33AA21-1-4 5/20/55
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
5692	6.3	56	24	1	to	G	X3	AMPL	Section Number 2.	T.O. 33AA21-1-4 5/20/55
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				
5696	6.3	40	80	1	to	G	X8	RECTIFIER STD.	Tube strikes at approximately 25 on R when this control is rotated counterclockwise. See note D.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		SC				
				6		P				
5702	6.3	56	22	1	to	P	X5 or X7 if short leads	AMPL	See note D.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		FIL				
				5		K				
				6		K				
				7		G				
5703 / CK608CX	6.3	73	15	1	to	P	X5 or X7 if short leads	AMPL	Red dot on tube indicates lean No.1.	TB 11-2627-2 10/16/52
				3		FIL				
				4		FIL				
				5		G				
				6		K				
5704 / CK606BX	6.3	40	0	1	to	P	X5 or X7 if short leads	RECTIFIER STD.	Red dot on tube indicates lean No.1 See note D.	TB 11-2627-2 10/16/52
				2		FIL				
				3		FIL				
				4		K				
5718	6.3	62	20	1	to	G	X5 or X7 if short leads.	AMPL	The tube is OK if a meter reading of 600 micromhos or over on the 3000 micromhos scale	TB 11-2627-2 C5 3/19/57
				3		FIL				
				5		K				
				6		FIL				
				8		P				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5719	6.3	28	22	1	to	G	X5 or X7 if short leads or X6 on some models.	AMPL		TB 11-2627-2 C5 3/19/57
				3		FIL				
				5		K				
				6		FIL				
				8		P				
5744 / CK619CX	6.3	40	22	1	to	P	X5 or X6 if short leads.	AMPL	Red dot on tube indicates lean No.1.	TB 11-2627-2 10/16/52
				2		FIL				
				3		FIL				
				4		G				
				5		K				
5751, Section No.1.	12.6	5	22	4	to	FIL	X9	AMPL		T.O. 33AA21-1-4 5/20/55
				5		FIL				
				6		P				
				7		G				
				8		K				
5751, Section No.2.	12.6	5	22	1	to	P	X9	AMPL		T.O. 33AA21-1-4 5/20/55
				2		G				
				3		K				
				4		FIL				
				5		FIL				
5755	12.6	25	11	4	to	FIL	X9	AMPL	Section Number 1.	TB 11-2627-2 C5 3/19/57
				5		FIL				
				6		G				
				7		K				
				8		P				
5755	12.6	25	11	1	to	P	X9	AMPL	Section Number 2.	TB 11-2627-2 C5 3/19/57
				2		K				
				3		G				
				4		FIL				
				5		FIL				
5763	6.3	58	21	1	to	P	X9	AMPL		TB 11-2627-2 C5 3/19/57
				3		K				
				4		FIL				
				5		FIL				
				6		SC				
				7		K				
				8		G				
				9		G				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5783	OFF	50	0	1	to	K	X5 or X7 if short leads	GAS No.1.	OK over 800. Depress GAS No.1 button until tube has stabilized. See note D.Red dot on tube indicates No.1 lead.	TB 11-2627-2 10/16/52
				2		P				
				3		K				
5784	6.3	58	15	1	to	P	X5	AMPL		TB 11-2627-2 C5 3/19/57
				2		SC				
				3		FIL				
				4		FIL				
				5		K				
				6		K				
				7		G				
5787	OFF	40	0	1	to	K	X5 or X7 if short leads	GAS No.1.	Pins No.2 and 4 may be missing from tube. Red dot indicates lead No.1. See note D.	TB 11-2627-2 10/16/52
				3		P				
				5		K				
5814	12.6	54	25	4	to	FIL	X9	AMPL		TB 11-2627-2 C5 3/19/57
				5		FIL				
				6		P				
				7		G				
				8		K				
5814	12.6	54	25	1	to	P	X9	AMPL		TB 11-2627-2 C5 3/19/57
				2		G				
				3		K				
				4		FIL				
				5		FIL				
CK5829, Section No.1.	6.3	60	0	1	to	P	X5 or X7 if short leads.	DIODE	Red dot indicates lead No.1.	TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				5		FIL				
CK5829, Section No.2.	6.3	60	0	3	to	FIL	X5 or X7 if short leads.	DIODE	Red dot indicates lead No.1.	TB 11-2627-2 10/16/52
				5		FIL				
				6		P				
				7		K				
5840 / SD996B	6.3	0	32	1	to	G	X5 or X7 if short leads. X6 on some models	AMPL	OK over 400. See note D.	TB 11-2627-2 C5 3/19/57
				3		FIL				
				4		K				
				5		P				
				6		FIL				
				7		SC				
				8		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5842 / 417A	6.3	0	30	1	to	P	X9	AMPL	OK over 500. See note D.	TB 11-2627-2 C5 3/19/57
				3		FIL				
				4		G				
				6		K				
				8		G				
				9		FIL				
5845	4.3	0	0	1	to	P	X8	0Z4	OK if over 500 micromhos on 3000 micromhos scale. See note D.	T.O. 33AA21-1-4 5/20/55
				3		FIL				
				4		FIL				
				5		P				
				6		K				
5851	2.5	39	35	1	to	FIL	X5 or X7 if short leads. X6 on some models	AMPL		TB 11-2627-2 C5 3/19/57
				3		P				
				6		SC				
				7		FIL				
				8		G				
5854	1.1	17	30	1	to	P	X5 or X7 if short leads.	AMPL	Depress AMPL TEST switch only momentarily. Red dot on tube indicates lead No.1.	TB 11-2627-2 10/16/52
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
5875	1.1	15	25	1	to	P	X5	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	TB 11-2627-2 C5 3/19/57
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
5896, Diode No.1.	6.3	50	0	3	to	FIL	X5	DIODE		TB 11-2627-2 10/16/52
				5		P				
				6		FIL				
				7		K				
5896, Diode No.2.	6.3	50	0	1	to	P	X5	DIODE		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				6		FIL				
5897	6.3	0	34	1	to	G	X5 or X7 if short leads.	AMPL	The tube is OK if a meter reading of 600 micromhos or over on the 3000 micromhos scale	T.O. 33AA21-1-4 5/20/55
				3		FIL				
				5		K				
				6		FIL				
				8		P				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5898	6.3	36	20	1	to	G	X5 or X7 if short leads or X6 on some models.	AMPL		T.O. 33AA21-1-4 5/20/55
				3		FIL				
				5		K				
				6		FIL				
				8		P				
5899	6.3	0	3	1	to	G	X5 or X7 if short leads or X6 on some models.	AMPL	OK over 600. See Note D.	TB 11-2627-2 C5 3/19/57
				3		FIL				
				4		K				
				5		P				
				6		FIL				
				7		SC				
				8		K				
5900	6.3	65	8	1	to	G	X5 or X7 if short leads or X6 on some models.	AMPL		T.O. 33AA21-1-4 5/20/55
				2		K				
				3		FIL				
				4		K				
				5		P				
				6		FIL				
				7		SC				
5901	6.3	48	25	1	to	G	X5 or X7 if short leads. X6 on some models	AMPL		T.O. 33AA21-1-4 5/20/55
				2		K				
				3		FIL				
				5		P				
				6		FIL				
				7		SC				
5902	6.3	40	55	1	to	G	X5 or X7 if short leads. X6 on some models	AMPL		TB 11-2627-2 C5 3/19/57
				3		FIL				
				4		K				
				5		P				
				6		FIL				
				7		SC				
				8		K				
5903, Diode No.1.	25.0	50	0	3	to	FIL	X5	DIODE		TB 11-2627-2 10/16/52
				5		P				
				6		FIL				
				7		K				
5903, Diode No.2.	25.0	50	0	1	to	P	X5	DIODE		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				6		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5904	25.0	20	40	1	to	G	X5 or X7 if short leads.	AMPL	OK over 300. See note D.	TB 11-2627-2 C5 3/19/57
				3		FIL				
				5		K				
				6		FIL				
				8		P				
5905	25.0	0	33	1	to	G	X5	AMPL	OK over 1000. See note D.	TB 11-2627-2 C5 3/19/57
				2		K				
				3		FIL				
				4		K				
				5		P				
				6		FIL				
				7		SC				
5907	25.0	0	35	1	to	G	X5	AMPL	OK over 1000. See note D.	TB 11-2627-2 C5 3/19/57
				2		K				
				3		FIL				
				4		K				
				5		P				
				6		FIL				
				7		SC				
5908	25.0	0	38	1	to	G	X5	AMPL	OK over 600. See note D.	TB 11-2627-2 C5 3/19/57
				2		K				
				3		FIL				
				4		K				
				5		P				
				6		FIL				
				7		SC				
5947 / TT-2	6.3	29	0	1	to	FIL	X3	DIODE		T.O. 33AA21-1-4 5/20/55
				4		P				
				5		FIL				
5961	6.3	70	82	4	to	G	X3	AMPL	Triode No.1. Depress AMPL TEST switch only momentarily.	Nolan
				5		P				
				6		K				
				7		FIL				
				8		FIL				
5961	6.3	70	82	1	to	G	X3	AMPL	Depress AMPL TEST switch only momentarily.	Nolan
				2		P				
				3		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
5998 / 421A Section No.1.	6.3	55	50	4	**to**	G	X3	AMPL	Set MICROMHOS switch at 15,000.	TB 11-2627-2 C5 3/19/57
				5		P				
				6		K				
				7		FIL				
				8		FIL				
5998 / 421A Section No.2.	6.3	55	50	1	**to**	G	X3	AMPL	Set MICROMHOS switch at 15,000.	TB 11-2627-2 C5 3/19/57
				2		P				
				3		K				
				7		FIL				
				8		FIL				
6021 Section No.1.	6.3	60	23	3	**to**	FIL	X5 or X7 if short leads.	AMPL	Settings for I-177-B tube checker.	T.O. 33AA21-1-4 5/20/55
				5		K				
				6		FIL				
				7		G				
				8		P				
6021 Section No.2.	6.3	60	23	1	**to**	P	X5 or X7 if short leads.	AMPL	Settings for I-177-B tube checker.	T.O. 33AA21-1-4 5/20/55
				2		G				
				3		FIL				
				4		K				
				6		FIL				
6021 Subminiature Section No.1.	6.3	55	30	3	**to**	FIL	X5 or X7 if short leads.	AMPL	Settings for I-177 tube checker.	T.O. 33AA21-1-4 5/20/55
				5		K				
				6		FIL				
				7		G				
				8		P				
6021 Subminiature Section No.2.	6.3	55	30	1	**to**	P	X5 or X7 if short leads.	AMPL	Settings for I-177 tube checker.	T.O. 33AA21-1-4 5/20/55
				2		G				
				3		FIL				
				4		K				
				6		FIL				
6050	1.1	36	33	1	**to**	P	X5 or X7 if short leads.	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1800 instead of LINE TEST. Red dot on tube indicates No.1 lead.	T.O. 33AA21-1-4 5/20/55
				2		FIL				
				3		G				
				4		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6057	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6057	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
6060	12.6	63	18	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6060	12.6	63	18	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
6066	6.3	0	22	1	to	G	X8	AMPL	Triode Section.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				7		P				
6066	6.3	0	0	2	to	K	X8	DIODE	Diode No.1.	Nolan
				3		FIL				
				4		FIL				
				6		P				
6066	6.3	0	0	2	to	K	X8	DIODE	Diode No.2.	Nolan
				3		FIL				
				4		FIL				
				5		P				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6067	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6067	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
6072	12.6	10	24	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6072	12.6	10	24	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
6073	0	32	0	2	to	K	X8	GAS No.1.	OK over 500. See note D.	Nolan
				5		P				
6074	0	30	0	2	to	K	X8	GAS No.1.	OK over 600. See note D.	Nolan
				5		P				
6080	6.3	70	82	4	to	G	X3	AMPL	Triode No.1. Depress AMPL TEST switch only momentarily.	Nolan
				5		P				
				6		K				
				7		FIL				
				8		FIL				
6080	6.3	70	82	1	to	G	X3	AMPL	Depress AMPL TEST switch only momentarily.	Nolan
				2		P				
				3		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6088 / CK522AX	1.1	0	37	1	to	P	X5	AMPL	Press LINE TEST button and rotate LINE ADJUSTMENT control until meter indicates 1700 instead of LINE TEST. Red dot on tube indicates No.1 lead. OK over 350. See note D.	TB 11-2627-2 C5 3/19/57
				2		SC				
				3		FIL				
				4		G				
				5		FIL				
6096	6.3	53	23	1	to	G	X8	AMPL		T.O. 33AA21-1-4 5/20/55
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6098	6.3	71	36	1	to	K	X3	AMPL		T.O. 33AA21-1-4 5/20/55
				3		P				
				5		SC				
				6		FIL				
				7		G				
				8		FIL				
6105	6.3	48	25	1	to	G	X5 or X7 if short leads. X6 on some models	AMPL		T.O. 33AA21-1-4 5/20/55
				2		K				
				3		FIL				
				5		P				
				6		FIL				
				7		SC				
6113	6.3	34	13	1	to	K	X3	AMPL	Section No.1.	Nolan
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
6113	6.3	34	13	1	to	G	X3	AMPL	Section No.2.	Nolan
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6136	6.3	45	20	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6147	2.5	50	29	1	to	FIL	X5 or X7 if short leads. X6 on some models	AMPL		T.O. 33AA21-1-4 5/20/55
				3		P				
				6		SC				
				7		FIL				
				8		G				
6185	6.3	64	22	1	to	FIL	X9	AMPL	Section No.1.	Nolan
				2		K				
				3		G				
				4		P				
				9		FIL				
6185	6.3	64	22	1	to	FIL	X9	AMPL	Section No.2.	Nolan
				6		P				
				7		G				
				8		K				
				9		FIL				
6186	6.3	59	15	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6188	6.3	32	13	1	to	K	X3	AMPL	Section No.1.	Nolan
				4		G				
				5		P				
				6		K				
				7		FIL				
				8		FIL				
6188	6.3	32	13	1	to	G	X3	AMPL	Section No.2.	Nolan
				2		P				
				3		K				
				4		K				
				7		FIL				
				8		FIL				
				4		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6189	12.6	54	25	5	to	FIL	X9	AMPL	Section No.1.	Nolan
				6		P				
				7		G				
				8		K				
6189	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
6201	12.6	63	18	4	to	FIL	X9	AMPL	Section No.1.	T.O. 33AA21-1-4 5/20/55
				5		FIL				
				6		P				
				7		G				
				8		K				
6201	12.6	63	18	1	to	P	X9	AMPL	Section No.2.	T.O. 33AA21-1-4 5/20/55
				2		G				
				3		K				
				4		FIL				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6206	6.3	65	8	1	to	G	X5 or X7 if short leads or X6 on some models.	AMPL		T.O. 33AA21-1-4 5/20/55
				2		K				
				3		FIL				
				4		K				
				5		P				
				6		FIL				
				7		SC				
6626	0	32	0	2	to	K	X8	GAS No.1.	OK over 500. See note D.	Nolan
				5		P				
6627	0	30	0	2	to	K	X8	GAS No.1.	OK over 600. See note D.	Nolan
				5		P				
6661	6.3	58	15	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
6664	6.3	72	11	1	to	P	X8	AMPL		Nolan
				3		FIL				
				4		FIL				
				6		G				
				7		K				
6670	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6670	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
6671	12.6	63	18	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6671	12.6	63	18	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
6679	12.6	63	18	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6679	12.6	63	18	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
6680	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6680	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
6681	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
6681	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
7025	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
7025	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
7058	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
7058	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
7316	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
7316	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
7489	12.6	54	25	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
7489	12.6	54	25	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
7494	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
7494	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
7543	6.3	53	10	1	to	G	X8	AMPL	Triode section.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				7		P				
7543	6.3	0	0	2	to	K	X8	DIODE	Diode No.1.	Nolan
				3		FIL				
				4		FIL				
				6		P				
7543	6.3	0	0	2	to	K	X8	DIODE	Diode No.2.	Nolan
				3		FIL				
				4		FIL				
				5		P				
7693	6.3	58	15	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
7728	12.6	63	18	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
7728	12.6	63	18	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
7729	12.6	0	19	4	to	FIL	X9	AMPL	Section No.1.	Nolan
				5		FIL				
				6		P				
				7		G				
				8		K				
7729	12.6	0	19	1	to	P	X9	AMPL	Section No.2.	Nolan
				2		G				
				3		K				
				4		FIL				
				5		FIL				
7755	6.3	71	21	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
7756	6.3	71	36	1	to	K	X3	AMPL		Nolan
				3		P				
				5		SC				
				6		FIL				
				7		G				
				8		FIL				
7758	6.3	71	36	1	to	K	X3	AMPL		Nolan
				3		P				
				5		SC				
				6		FIL				
				7		G				
				8		FIL				
8425	6.3	45	20	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				

Tube Type	Filament Voltage	Potentiometers		Patch Cord Connection			Socket Number	Press	Notations	Data Source
		L	R	Plug	to	Receptacle				
8426	12.6	45	20	1	to	G	X8	AMPL		Nolan
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
8532	6.3	60	20	1	to	G	X8	AMPL	Set. MICROMHOS switch to 6000. Reads OK over 800.	Nolan
				2		K				
				3		FIL				
				4		FIL				
				7		P				
9001	6.3	44	17	1	to	G	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
9002	6.3	63	18	1	to	P	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		G				
				7		K				
9003	6.3	54	14	1	to	G	X8	AMPL		TB 11-2627-2 10/16/52
				2		K				
				3		FIL				
				4		FIL				
				5		P				
				6		SC				
				7		K				
WHEW! End of Sheet!										

TABLE IV BALLAST TUBE TEST DATA FOR USE WITH THE TUBE TESTERS I-177, I-177-A, AND I-177-B

beta 1.08 July 5, 2002

In the chart below, an "X" in one of the "Short Switch" columns means that the neon short lamp should light in that particular position when the "A" and "B" selectors are set for the ballast tube number being tested if the element is good.

Some ballast tubes contain several sections and require changing the positions of the "A" and "B" selectors to test the entire ballast tube. The M17HG is an such an example. It contains three sections and all need to be tested.

ALWAYS set the filiment voltage switch to the Ballast (BLST) position and DO NOT set the Short Test switch to the TUBE TEST position!

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
1A1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1B1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1C1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1E1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1F1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1G1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1J1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1K1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1L1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1N1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1P1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1Q1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1R1G	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1S1G	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1T1G	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1U1G	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1V1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1Y1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
1Z1	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
2	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
2UR224	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
2LR212	2	12	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	2		X	X	X	X	X	

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
3	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
03G	1	1	BLST				X	X	1938 Hickok 510X Manual.
4-5	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
4A1	1	2	BLST	X	X	X	X		TB 11-2627-2 10/16/1952
6-6AA	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
6-133	1	1	BLST				X	X	1938 Hickok 510X Manual.
7-8-9	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
10A	1	1	BLST				X	X	1938 Hickok 510X Manual.
10AG	1	1	BLST				X	X	1938 Hickok 510X Manual.
10AB	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
K17B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
BM17C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M17C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M17H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M17HG	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
K23B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KX23B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K23C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
30A	1	1	BLST				X	X	1938 Hickok 510X Manual.
K30A	1	1	BLST				X	X	1938 Hickok 510X Manual.
KX30C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K30D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
M30H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
33A	1	1	BLST				X	X	1938 Hickok 510X Manual.
33AG	1	1	BLST				X	X	1938 Hickok 510X Manual.
K34B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
36A	1	1	BLST				X	X	1938 Hickok 510X Manual.
KX36A	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
BK36B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K36B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
L36B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
BM-36C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M36C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KX36C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L36C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
36D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
L36D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
L36DJ	4	2	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	7	5		X	X	X	X	X	
	8	12		X	X	X	X	X	
K36H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M36H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M36HG	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
L40S1	2	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
	4	4		X	X	X	X	X	
L40S2	2	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
	4	4		X	X	X	X	X	
42A	1	1	BLST				X	X	1938 Hickok 510X Manual.
42A1	1	1	BLST				X		1938 Hickok 510X Manual.
42A2	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
42B2	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K42B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L42B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KX42B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
LX42B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L42BX	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M42B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
K42C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KX42C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L42C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M42C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
BK42D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
K42D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
L42D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
LX42D	1	2	BLST	X	X	X	X	X	1943 Hickok 560 Manual.
	1	7		X	X	X	X	X	
LX42DX	1	2	BLST	X	X	X	X	X	1943 Hickok 560 Manual.
	1	7		X	X	X	X	X	
K42E	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L42E	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L42F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
42HA	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
K42HJ	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M42H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M42HG	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
L42SI	2	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
	4	4		X	X	X	X	X	
49A	1	1	BLST				X	X	1938 Hickok 510X Manual.
KX49A	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
49AJ	1	1	BLST				X	X	1938 Hickok 510X Manual.
K49AJ	1	1	BLST				X	X	1938 Hickok 510X Manual.
49A1	1	1	BLST				X		1938 Hickok 510X Manual.

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
49A2	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
49B2	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K49B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L49B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
BM49B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KX49B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KZ49B	1	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
LX49B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M49B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K49BJ	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	8	12		X	X	X	X	X	
L49BJ	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	8	12		X	X	X	X	X	
BK49C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
BM49C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K49C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L49C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KZ49C	1	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
LX49C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M49C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
BK49D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
K49D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
L49D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
L49DJ	4	2	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	7	5		X	X	X	X	X	
	8	12		X	X	X	X	X	
K49E	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L49E	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L49F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
M49H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M49HG	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
	7	12		X	X	X	X	X	
L49S2	2	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
	4	4		X	X	X	X	X	
L49S3	2	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
	4	4		X	X	X	X	X	
50A2	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
50A2MG	1	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
50B2	1	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
50X3	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
K52H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M52H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
K54B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
55A	1	1	BLST				X	X	1938 Hickok 510X Manual.
K55A	1	1	BLST				X	X	1938 Hickok 510X Manual.
KX55A	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
55A1	1	1	BLST				X		1938 Hickok 510X Manual.
55A2	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
55B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
55B2	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K55B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
BM55B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L55BG	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
LX55B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M55B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K55C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KX55C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L55C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K55CP	4	12	BLST		X	X	X	X	1938 Hickok 510X Manual.
	1	11		X	X	X	X	X	
	1	9		X	X	X	X	X	
K55D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
K55D	3	12	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L55D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
L55E	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M55E	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
BL55F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
L55F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
M55F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
K55H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M55H	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
M55HG	4	4	BLST	X	X	X		X	1938 Hickok 510X Manual.
	5	1		X	X	X			
	7	12		X	X	X	X	X	
L55S1	2	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
	3	4		X	X	X	X	X	
L55S2	2	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
	3	4		X	X	X	X	X	
60R30G	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
64.23	1	1	BLST				X		1938 Hickok 510X Manual.
67A	1	1	BLST				X		1938 Hickok 510X Manual.
K67B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L67B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L73B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K74B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L74B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
CX74C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K79B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
80A	1	1	BLST				X	X	1938 Hickok 510X Manual.
K80B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
M80B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
KX80B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
L80B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K80C	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K80F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
KX87B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
LX87B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L90B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
K90F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
M90F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
K92F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
M92F	1	2	BLST	X	X	X		X	1938 Hickok 510X Manual.
92A	1	1	BLST				X	X	1938 Hickok 510X Manual.
L92B	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
95K2	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
L99D	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
100R8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
120R	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
120R8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
135K1	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
135K1A	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	8	12		X	X	X	X	X	
140L4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
140L44	1	2	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	1	7		X	X	X	X	X	
140L8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
140R	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
140R4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
140R44	1	2	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	1	7		X	X	X	X	X	
140R8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
165L4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
165L8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
165R	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
165R4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
165R8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
165L44	1	2	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	1	7		X	X	X	X	X	

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
165R44	1	2	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	1	7		X	X	X	X	X	
185L4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
185L8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
185L44	1	2	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	1	7		X	X	X	X	X	
185R	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
185R4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
185R8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
185R44	1	2	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	1	7		X	X	X	X	X	
200R	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
250R	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
250R8	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
290L4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
300R4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
320R4	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
340	1	1	BLST	X	X	X	X		1938 Hickok 510X Manual.
808-1	7	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	8	12	BLST	X	X	X	X	X	
E14980	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
3613	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
3334	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
3334A	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
	3	12		X	X	X	X	X	
W43357	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
W45788	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
8593	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
8598	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
8601	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
8664	3	1	BLST	X	X	X	X	X	1938 Hickok 510X Manual.
3CR241	3	1	BLST	X	X	X	X	X	1943 Hickok 560 Manual.
	3	12		X	X	X	X		
3ER248	4	2	BLST	X	X	X	X	X	1943 Hickok 560 Manual.
	7	5		X	X	X	X	X	
	8	12		X	X	X	X		

Ballast Tube Type	Selector Switch		Filament	Short Switch Position					Data Source
	A	B		1	2	3	4	5	
End of List!									

"SHORTS" DATA FOR USE WITH THE TUBE TESTERS I-177, I-177-A, AND I-177-B

beta 1.08 July 5, 2002

This little chart will enable you to determine which tube elements of the tube being tested are shorted to which other elements. If there is an "X" in a particular column, it means that the neon "shorts" lamp is lit when the SHORTS switch in in that position and the tube is set to the correct settings as outlined in the settings data..

Kind of Short	Shorts Test Switch Position				
	1	2	3	4	5
Filament to Cathode				X	X
Filament to Grid			X	X	X
Filament to Plate	X	X	X		
Filamant to Screen		X	X	X	X
Cathode to Grid			X		
Grid to Plate	X	X		X	X
Grid to Screen		X			
Plate to Screen	X			X	X
Cap to Filament	X	X	X	X	
Cap to Grid	X	X			X
Cap to Cathode	X	X	X		X
Cap to Screen	X				X
Cap to Plate				X	
Shell to Filament	X				
Shell to Plate		X	X		
Shell to Grid	X		X	X	X
Shell to Screen	X	X	X	X	X
Shell to Cathode	X			X	X
Shell to Cap		X	X	X	

End of Chart!