

Tube Type  
Fil. Selector  
Tube Selector  
"In" Position  
2nd Plate

|     |          |    |     |    |     |     |       |     |     |     |       |      |       |      |      |
|-----|----------|----|-----|----|-----|-----|-------|-----|-----|-----|-------|------|-------|------|------|
| 01A | <b>1</b> | 1V | 15  | 19 | 1A4 | 1A6 | 1A6   | 1B5 | 1B5 | 1C6 | 1C6   | 1C7G | 1C7G  | 1D5G | 1D7G |
| 5   |          | 6  | 2   | 2  | 2   | 2   | 2     | 2   | 2   | 2   | 2     | 2    | 2     | 2    | 2    |
| 33  |          | 43 | 16  | 20 | 23  | 9   | 17    | 14  | 0   | 15  | 21    | 13   | 22    | 20   | 9    |
| BC  |          | B  | BCE | BC | BCE | CF  | BCEFG | BG  | C   | CF  | BCEFG | BD   | BCDEF | BCE  | BD   |

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|       |      |      |     |      |     |     |      |      |      |      |      |      |
|-------|------|------|-----|------|-----|-----|------|------|------|------|------|------|
| 1D7G  | 1E5G | 1E7G | 1F4 | 1F5G | 1F6 | 1F6 | 1F7G | 1F7G | 1H4G | 1H6G | 1H6G | 1J6G |
| 2     | 2    | 2    | 2   | 2    | 2   | 2   | 2    | 2    | 2    | 2    | 2    | 2    |
| 18    | 21   | 27   | 24  | 25   | 20  | 0   | 16   | 0    | 22   | 17   | 0    | 22   |
| BCDEF | BCE  | BCG  | BCG | BCD  | BCE | F   | BEF  | C    | BD   | BF   | C    | BC   |

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|----------|----|-----|-----|----|----|-----|-----|-----|-----|-----|-------|-----|-----|----------|----|-----|-----|
| <b>2</b> | 20 | 22  | 24A | 26 | 27 | 2A3 | 2A5 | 2A6 | 2A6 | 2A7 | 2A7   | 2B7 | 2B7 | <b>3</b> | 30 | 32  | 33  |
|          | 4  | 4   | 3   | 1  | 3  | 3   | 3   | 3   | 3   | 3   | 3     | 3   | 3   |          | 2  | 2   | 2   |
|          | 9  | 8   | 39  | 35 | 38 | 43  | 40  | 40  | 0   | 40  | 42    | 36  | 0   |          | 19 | 19  | 24  |
|          | BC | BCE | BCE | BC | BC | BC  | BCF | BE  | C   | DF  | BCDEF | BCE | D   |          | BC | BCE | BCG |

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|-----|-----|----|-----|-----|----------|-----|-----|-----|----|-----|----------|----|----|----|----|----|------|------|
| 35  | 36  | 37 | 38  | 39  | <b>4</b> | 41  | 42  | 43  | 45 | 47  | <b>5</b> | 50 | 53 | 55 | 55 | 56 | 57   | 58   |
| 3   | 6   | 6  | 6   | 6   |          | 6   | 6   | 9   | 3  | 3   |          | 7  | 3  | 3  | 3  | 3  | 3    | 3    |
| 40  | 41  | 39 | 39  | 40  |          | 41  | 41  | 43  | 39 | 39  |          | 38 | 41 | 37 | 0  | 40 | 42   | 42   |
| BCE | BCE | BC | BCE | BCE |          | BCF | BCF | BCF | BC | BCG |          | BC | BC | BE | C  | BC | BCEF | BCEF |

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|------|-----|------|-----|------|------|------|-----|-----|----------|-----|-----|-----|-----|-------|-----|-------|
| 59   | 5T4 | 5V4G | 5W4 | 5X4G | 5Y3G | 5Y4G | 5Z3 | 5Z4 | <b>6</b> | 6A3 | 6A4 | 6A6 | 6A7 | 6A7   | 6A8 | 6A8   |
| 3    | 5   | 5    | 5   | 5    | 5    | 5    | 5   | 5   |          | 6   | 6   | 6   | 6   | 6     | 6   | 6     |
| 41   | 41  | 44   | 36  | 41   | 37   | 35   | 39  | 42  |          | 43  | 39  | 41  | 38  | 40    | 39  | 40    |
| BCDF | C   | F    | C   | B    | C    | D    | B   | C   |          | BC  | BCG | BC  | DF  | BCDEF | DF  | BCDEF |

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|     |     |     |     |     |     |     |     |      |     |      |      |       |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|-------|-----|-----|-----|-----|
| 6B5 | 6B6 | 6B6 | 6B7 | 6B7 | 6B8 | 6B8 | 6C5 | 6C6  | 6D5 | 6D6  | 6D8G | 6D8G  | 6E5 | 6F5 | 6F6 | 6F7 |
| 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6   | 6    | 6   | 6    | 6    | 6     | 6   | 6   | 6   | 6   |
| 37  | 41  | 0   | 37  | 0   | 35  | 0   | 40  | 41   | 39  | 40   | 39   | 41    | 19  | 42  | 41  | 18  |
| BCF | BE  | C   | BCE | D   | BEF | C   | BD  | BCEF | BD  | BDEF | BD   | BCDEF | BCF | CE  | BCD | DF  |

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|-----|-----|-----|------|------|------|------|-----|------|------|------|-----|------|------|------|------|
| 6F7 | 6G5 | 6H6 | 6J5G | 6J7  | 6K5G | 6K7  | 6L6 | 6L7  | 6N6G | 6N6G | 6N7 | 6P7G | 6S7G | 6V7G | 6V7G |
| 6   | 6   | 6   | 6    | 6    | 6    | 6    | 6   | 6    | 6    | 6    | 6   | 6    | 6    | 6    | 6    |
| 38  | 36  | 0   | 43   | 40   | 43   | 40   | 43  | 44   | 36   | 40   | 41  | 38   | 41   | 35   | 0    |
| BCE | BCF | B   | BD   | BCDE | BE   | BCDE | BCD | BCDE | CD   | BCD  | BD  | CDEF | BCE  | BE   | C    |

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|      |     |          |     |    |    |    |      |      |    |          |    |    |    |     |    |    |    |      |
|------|-----|----------|-----|----|----|----|------|------|----|----------|----|----|----|-----|----|----|----|------|
| 6U7G | 6X5 | <b>7</b> | 71A | 75 | 75 | 76 | 77   | 78   | 79 | <b>8</b> | 80 | 81 | 82 | 83V | 84 | 85 | 85 | 89   |
| 6    | 6   |          | 5   | 8  | 6  | 6  | 6    | 6    | 6  |          | 5  | 7  | 3  | 5   | 6  | 6  | 6  | 6    |
| 41   | 43  |          | 39  | 41 | 0  | 42 | 40   | 40   | 41 |          | 35 | 30 | 44 | 43  | 42 | 37 | 0  | 40   |
| BCDE | B   |          | BC  | BE | C  | BC | BCEF | BCEF | BC |          | B  | B  | B  | B   | B  | BE | C  | BCEF |

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|          |    |          |      |      |      |      |          |      |       |       |      |      |       |
|----------|----|----------|------|------|------|------|----------|------|-------|-------|------|------|-------|
| <b>9</b> | 99 | <b>1</b> | 12A5 | 12A7 | 12Z3 | 12Z5 | <b>2</b> | 25A6 | 25A7G | 25A7G | 25B5 | 25L6 | 25N6G |
|          | 4  |          | 8    | 8    | 8    | 8    |          | 9    | 9     | 9     | 9    | 9    | 9     |
|          | 0  |          | 39   | 40   | 44   | 43   |          | 43   | 41    | 0     | 40   | 45   | 36    |
|          | BC |          | BCD  | BCE  | F    | B    |          | BCD  | BCD   | F     | BCF  | BCD  | CD    |

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|       |      |      |      |      |
|-------|------|------|------|------|
| 25N6G | 25Y5 | 25Z3 | 25Z5 | 25Z6 |
| 9     | 9    | 9    | 9    | 9    |
| 40    | 41   | 42   | 44   | 44   |
| BCD   | B    | B    | B    | B    |

THE FOLLOWING HAVE EQUIVALENT TEST READINGS:

|            |               |             |             |             |            |             |           |                 |
|------------|---------------|-------------|-------------|-------------|------------|-------------|-----------|-----------------|
| 00A = 71A  | 14Z3 = 12Z3   | 43MG = 25A6 | 57AS = 77   | 6E6 = 6A6   | 6R7 = 6B6  | 95 = 2A5    | 841 = 10  | KR5 = 6A4       |
| 01AA = 01A | 25A6G = 25A6  | 44 = 39     | 58AS = 78   | 6E7 = 6U7G  | 6T7G = 6B6 | 98 = 84     | 986 = 83  | KR25 = 2A6      |
| 1 = 1V     | 25R = 1B6     | 46 = 47     | 64 = 36     | 6K6G = 6J5G | 6V6G = 6L6 | 482A = 71A  | AD = 1    | LA = 6A4        |
| 10 = 50    | 25Z3MG = 25Z6 | 48 = 43     | 65 = 39     | 6L6G = 6C5  | 82V = 82   | 482B = 182B | AF = 82   | P-861 = 84      |
| 12A = 71A  | 27HM = 56     | 49 = 33     | 67 = 37     | 6Z3 = 1     | 88 = 83V   | 483 = 183   | AG = 83   | PZ = 47         |
| 1B4 = 32   | 31 = 30       | 50 = 10     | 68 = 38     | 6Z4 = 84    | 88 = 83    | 484 = 485   | G-2 = G-4 | PZH = 2A5       |
| 2Z2 = G-84 | 34 = 32       | 51 = 35     | 6B4G = 6J5G | 6Q6G = 6B6  | 90 = 29    | 585 = 50    | G85S = 85 | Wunderlich = 29 |
| 2A3H = 2A3 | 40 = 01A      | 52 = 6A4    | 6D7 = 6U7G  | 6Q7 = 6B6   | 92 = 69    | 586 = 50    | KR1 = 1   | Wund. Auto = 69 |

\* Test for cathode leakage by throwing "A" switch to "In" position when tube is hot; leave other switches in "Out" position.  
 \* Battery type; throw right-hand switch to "Battery Types" Position.  
 † Diode; place left-hand switch in "Diodes Only" position before testing.  
 †† Test in octal socket marked "A".  
 T—Total emission all electrodes.  
 R—Rectifier section.

Received at 444 Madison Ave.  
Nov. 1, 1940.

SUPPLEMENTARY TEST DATA FOR MODEL 770 - 771 - 773 - 775

TUBE CHECKERS

|           |     |     |     |     |     |     |      |       |      |
|-----------|-----|-----|-----|-----|-----|-----|------|-------|------|
|           | *   | *   | Di  | *   | *   | *   | *    | *     | *    |
| Tube Type | 1D8 | 1D8 | 1D8 | 1E4 | 1G4 | 1G6 | 1LA4 | 1LA6  | 1LB4 |
| Fil. Sel. | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1     | 1    |
| Tube Sel. | 22  | 15  | 0   | 24  | 24  | 21  | 20   | 19    | 24   |
| "In Pos." | BCD | EF  | G   | BD  | BD  | BC  | BCF  | BCDEF | BCF  |
| 2nd Plate |     |     |     |     |     | DE  |      |       |      |

|           |      |      |      |     |     |     |      |      |                       |
|-----------|------|------|------|-----|-----|-----|------|------|-----------------------|
|           | *    | *    | *    | *   | Di  | *   | *    | *    |                       |
| Tube Type | 1LE3 | 1LH4 | 1LN5 | 1N6 | 1N6 | 1Q5 | 1R5  | 1S4  | 1V                    |
| Fil. Sel. | 1    | 1    | 1    | 1   | 1   | 1   | 1    | 1    | 6                     |
| Tube Sel. | 24   |      |      | 21  | 0   | 28  | 23   | 27   | 43                    |
| "In Pos." | BF   | BF   | BCDF | BCD | F   | BCD | BCFG | BCFG | 5                     |
| 2nd Plate |      |      |      |     |     |     |      |      | (Use Adapter D-70178) |

|           |                         |     |     |     |     |     |     |     |     |
|-----------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
|           | *                       | Di  | *   | *   | .   | *   | *#  | #Di |     |
| Tube Type | 1S5                     | 1S5 | 1T4 | 1T5 | 2G5 | 2W3 | 3A8 | 3A8 | 3A8 |
| Fil. Sel. | 1                       | 1   | 1   | 1   | 3   | 3   | 1   | 1   | 1   |
| Tube Sel. | 16                      | 0   | 24  | 24  | 36  | 34  | 22  | 22  | 0   |
| "In Pos." | CDF                     | B   | BFG | BCD | BCF | C   | BCE | DF  | G   |
| 2nd Plate | ( Use Adapter D-70178 ) |     |     |     |     |     |     |     |     |

|           |     |     |     |     |     |     |     |      |      |
|-----------|-----|-----|-----|-----|-----|-----|-----|------|------|
|           | *   | *#  | *#  | *   | *   | *#  | .   | .    | .    |
| Tube Type | 3C5 | 3C5 | 3Q5 | 3Q5 | 4A6 | 4A6 | 5X3 | 6AE5 | 6AG7 |
| Fil. Sel. | 1   | 1   | 1   | 1   | 2   | 2   | 5   | 6    | 6    |
| Tube Sel. | 20  | 20  | 23  | 23  | 22  | 22  | 36  | 43   | 45   |
| "In Pos." | BCD | BCD | BCD | BCD | BC  | DF  | B   | BD   | CFG  |
| 2nd Plate |     |     |     |     |     |     | C   |      |      |

|           |      |     |      |      |     |      |     |     |     |
|-----------|------|-----|------|------|-----|------|-----|-----|-----|
|           | .    | .   | .    | #.   | .   | .    | .   | .   | .   |
| Tube Type | 6AL6 | 6R6 | 6SA7 | 6SC7 | 6W6 | 6W7  | 6Y5 | 7A4 | 7A5 |
| Fil. Sel. | 6    | 6   | 6    | 6    | 6   | 6    | 6   | 7   | 7   |
| Tube Sel. | 43   | 40  | 43   | 43   | 45  | 42   | 45  | 43  | 44  |
| "In Pos." | CDE  | BDE | BCDG | BCD  | BCD | BCDE | C   | BF  | BCF |
| 2nd Plate |      |     |      |      |     |      | G   |     |     |

|           |     |     |     |     |       |       |     |      |     |     |
|-----------|-----|-----|-----|-----|-------|-------|-----|------|-----|-----|
|           | .   | .   | .   | Di  | .     | .     | .   | .    | .   | Di  |
| Tube Type | 7B4 | 7B5 | 7B6 | 7B6 | 7B7   | 7B8   | 7C5 | 7C7  | 7E7 | 7E7 |
| Fil. Sel. | 7   | 7   | 7   | 7   | 7     | 7     | 7   | 7    | 7   | 7   |
| Tube Sel. | 43  | 42  | 42  | 0   | 42    | 43    | 42  | 42   | 40  | 0   |
| "In Pos." | BF  | BCF | BC  | E   | BCDEF | BCDEF | BCF | BCDF | BEF | C   |
| 2nd Plate |     |     |     | F   |       |       |     |      |     | D   |

|           |     |      |     |     |     |       |      |       |   |
|-----------|-----|------|-----|-----|-----|-------|------|-------|---|
|           | .   | .    | .   | .   | .   | .     | .    | .     | . |
| Tube Type | 7F7 | 7G7  | 7J7 | 7J7 | 7N7 | 7Q7   | 12A6 | 12B7  |   |
| Fil. Sel. | 7   | 7    | 7   | 7   | 7   | 7     | 8    | 8     |   |
| Tube Sel. | 41  | 46   | 38  | 39  | 42  | 44    | 42   | 42    |   |
| "In Pos." | CD  | BCDF | BDE | CD  | CD  | BCDEF | BCD  | BCDEF |   |
| 2nd Plate | EF  |      |     |     | EF  |       |      |       |   |

|            |      |      |      |      |      |      |      |       |   |
|------------|------|------|------|------|------|------|------|-------|---|
|            | #    | .    | .    | Di   | .    | .    | .    | .     | . |
| Tube Type  | 12B8 | 12B8 | 12C8 | 12C8 | 12E5 | 12F5 | 12J5 | 12K8  |   |
| Fil. Sel.  | 8    | 8    | 8    | 8    | 8    | 8    | 8    | 8     |   |
| Tube Sel.  | 42   | 43   | 38   | 0    | 41   | 42   | 43   | 44    |   |
| "In Posi." | BCE  | DG   | BEF  | D    | BD   | CE   | BD   | BCDEF |   |
| 2nd Plate  |      |      |      | C    |      |      |      |       |   |

SUPPLEMENTARY TEST DATA FOR MODEL 770 - 771 - 773 - 775  
TUBE CHECKERS

|               |     |     |     |     |     |     |      |     |           |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----------|
|               | *   | *   | Di  | *   | *   | *   | *    | *   | <i>D/</i> |
| Tube Type     | 1D8 | 1D8 | 1D8 | 1E4 | 1G4 | 1G6 | 1LB4 | 1N6 | 1N6       |
| Fil. Selector | 1   | 1   | 1   | 1   | 1   | 1   | 1    | 1   | 1         |
| Tube Selector | 22  | 15  | 0   | 24  | 24  | 21  | 24   | 21  | 0         |
| "In Position" | BCD | EF  | G   | BD  | BD  | BC  | BCF  | BCD | F         |
| 2nd Plate     |     |     |     |     |     | DE  |      |     |           |

|               |     |     |       |         |         |     |     |     |     |
|---------------|-----|-----|-------|---------|---------|-----|-----|-----|-----|
|               | *   | *   | *     | *       | *       | Di  | *   | .   | *   |
| Tube Type     | 1Q5 | 1T5 | 1R5   | 1S4     | 1S5     | 1S5 | 1T4 | 2G5 | 2W3 |
| Fil. Selector | 1   | 1   | 1     | 1       | 1       | 1   | 1   | 3   | 2   |
| Tube Selector | 28  | 24  | 23    | 27      | 16      | 0   | 24  | 36  | 18  |
| "In Position" | BCD | BCD | BCFG  | BCFG    | CDF     | B   | BFG | BCF | C   |
| 2nd Plate     |     |     | ( Use | Adapter | D-70178 | )   |     |     |     |

|               |     |     |     |     |     |     |     |     |     |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|               | *   | *#  | #Di | *   | *#  | *#  | *   | *   | *#  |
| Tube Type     | 3A8 | 3A8 | 3A8 | 3C5 | 3C5 | 3Q5 | 3Q5 | 4A6 | 4A6 |
| Fil. Selector | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 2   | 2   |
| Tube Selector | 22  | 22  | 0   | 20  | 20  | 23  | 23  | 22  | 22  |
| "In Position" | BCE | DF  | G   | BCD | BCD | BCD | BCD | BC  | DF  |

|               |     |      |      |      |     |      |           |     |   |
|---------------|-----|------|------|------|-----|------|-----------|-----|---|
|               | .   | .    | .    | .    | .   | .    | <i>#.</i> | .   | . |
| Tube Type     | 5X3 | 6AE5 | 6AG7 | 6AL6 | 6R6 | 6SA7 | 6SC7      | 6W6 |   |
| Fil. Selector | 5   | 6    | 6    | 6    | 6   | 6    | 6         | 6   |   |
| Tube Selector | 36  | 43   | 45   | 43   | 40  | 43   | 43        | 45  |   |
| "In Position" | B   | BD   | RCFG | CDE  | BDE | BCDG | BCD       | BCD |   |
| 2nd Plate     | C   |      |      |      |     |      |           |     |   |

|               |      |     |     |     |     |     |       |       |              |
|---------------|------|-----|-----|-----|-----|-----|-------|-------|--------------|
|               | .    | .   | .   | .   | .   | Di  | .     | .     | .            |
| Tube Type     | 6W7  | 7A4 | 7A5 | 7B5 | 7B6 | 7B6 | 7B7   | 7B8   | 7C5          |
| Fil. Selector | 6    | 7   | 7   | 7   | 7   | 7   | 7     | 7     | 7            |
| Tube Selector | 42   | 43  | 44  | 42  | 42  | 0   | 43    | 43    | <i>45 42</i> |
| "In Position" | BCDE | BF  | BCF | BCF | BC  | E   | BCDEF | BCDEF | BCF          |
| 2nd Plate     |      |     |     |     |     | F   |       |       |              |

|               |      |     |     |     |     |     |       |      |       |
|---------------|------|-----|-----|-----|-----|-----|-------|------|-------|
|               | .    | .   | Di  | .   | .   | .   | .     | .    | .     |
| Tube Type     | 7C7  | 7E7 | 7E7 | 7F7 | 7J7 | 7J7 | 7Q7   | 12A6 | 12B7  |
| Fil. Selector | 7    | 7   | 7   | 7   | 7   | 7   | 7     | 8    | 8     |
| Tube Selector | 42   | 40  | 0   | 41  | 38  | 39  | 44    | 42   | 42    |
| "In Position" | BCDF | BEF | C   | CD  | BDE | CD  | BCDEF | BCD  | BCDEF |
| 2nd Plate     |      |     | D   | EF  |     |     |       |      |       |

|               |      |      |      |      |      |                |      |       |   |
|---------------|------|------|------|------|------|----------------|------|-------|---|
|               | #    | .    | Di   | .    | .    | .              | .    | .     | . |
| Tube Type     | 12B8 | 12B8 | 12C8 | 12C8 | 12E5 | 12F5           | 12J5 | 12K8  |   |
| Fil. Selector | 8    | 8    | 8    | 8    | 8    | 8              | 8    | 8     |   |
| Tube Selector | 42   | 43   | 38   | 0    | 41   | 42             | 43   | 44    |   |
| "In Position" | BCE  | DG   | BEF  | D    | BD   | <del>BEF</del> | BD   | BCDEF |   |
| 2nd Plate     |      |      |      | C    |      | <del>CE</del>  |      |       |   |

|               |       |           |           |       |            |       |       |       |
|---------------|-------|-----------|-----------|-------|------------|-------|-------|-------|
|               | #     | <i>#.</i> | <i>#.</i> | .     | #          | #Di   | .     | Di    |
| Tube Type     | 12SA7 | 12SC7     | 12SF5     | 12SJ7 | 12SQ7      | 12SQ7 | 12SR7 | 12SR7 |
| Fil. Selector | 8     | 8         | 8         | 8     | 8          | 8     | 8     | 8     |
| Tube Selector | 43    | 42        | 43        | 42    | 37         | 0     | 41    | 0     |
| "In Position" | BCDG  | BCD       | BD        | ABCFG | <i>AFG</i> | D     | BE    | C     |
| 2nd Plate     |       |           |           |       |            | C     |       | D     |

Nov. 1, 1940

(Continued)

SUPPLEMENTARY TEST DATA FOR MODELS  
770 - 771 - 773 - 775 TUBE CHECKERS

|               | ✓ #   | #     | #     |       | ✓ #   | #Di   |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| Tube Type     | 12SA7 | 12SC7 | 12SF5 | 12SJ7 | 12SQ7 | 12SQ7 | 12SR7 |
| Fil. Selector | 8     | 8     | 8     | 8     | 8     | 8     | 8     |
| Tube Selector | 43    | 42    | 43    | 42    | 37    | 0     | 41    |
| "In Position" | BCDG  | BCD   | BD    | ABCFG | AFG   | D     | BE    |
| 2nd Plate     |       |       |       |       |       | C     |       |

|               | Di    | #     | #    | #    | #    | #    | Di   | #    |      |
|---------------|-------|-------|------|------|------|------|------|------|------|
| Tube Type     | 12SR7 | 25AC5 | 25B8 | 25B8 | 25C6 | 25D8 | 25D8 | 25D8 | 32L7 |
| Fil. Selector | 8     | 9     | 9    | 9    | 9    | 9    | 9    | 9    | 9    |
| Tube Selector | 0     | 40    | 43   | 43   | 45   | 42   | 42   | 0    | 42   |
| "In Position" | C     | BD    | DG   | BCE  | BCD  | BCE  | DF   | G    | BCD  |
| 2nd Plate     | D     |       |      |      |      |      |      |      |      |

|               | #    | #    | #    | #    | #    | #    | #    | #    | ✓ #  |
|---------------|------|------|------|------|------|------|------|------|------|
| Tube Type     | 32L7 | 35L6 | 35Z5 | 35Z5 | 35Z6 | 45Z5 | 45Z5 | 50C6 | 50L6 |
| Fil. Selector | 9    | 10   | 10   | 7    | 10   | 7    | 10   | 11   | 11   |
| Tube Selector | 43   | 45   | 45   | 33   | 45   | 17   | 45   | 45   | 45   |
| "In Position" | F    | BCD  | D    | D    | B    | D    | D    | BCD  | BCD  |
| 2nd Plate     |      |      |      |      | D    |      |      |      |      |

|               | #    | #    | #    | #    | #    | #     | #     | #     | #    |
|---------------|------|------|------|------|------|-------|-------|-------|------|
| Tube Type     | 50Y6 | 50Z6 | 50Z7 | 70L7 | 70L7 | 117L7 | 117L7 | 117Z6 | 1232 |
| Fil. Selector | 11   | 11   | 11   | 12   | 12   | 14    | 14    | 14    | 6    |
| Tube Selector | 45   | 44   | 45   | 44   | 45   | 42    | 44    | 44    | 44   |
| "In Position" | B    | B    | B    | BCD  | G    | BCD   | F     | B     | BCDF |
| 2nd Plate     | D    | D    | D    |      |      |       |       | D     |      |

|               |      |      |      |      |      |      |      |      |      |
|---------------|------|------|------|------|------|------|------|------|------|
| Tube Type     | 1608 | 1610 | 1612 | 1614 | 1619 | 1620 | 1621 | 1622 | 1851 |
| Fil. Selector | 3    | 3    | 6    | 6    | 3    | 6    | 6    | 6    | 6    |
| Tube Selector | 43   | 40   | 41   | 43   | 43   | 42   | 41   | 42   | 44   |
| "In Position" | BC   | BCG  | BCDE | BCD  | BCDG | BCDE | BCD  | BCDE | BCDE |

|               |      |     |      |   |                           |  |  |  |  |  |
|---------------|------|-----|------|---|---------------------------|--|--|--|--|--|
| Tube Type     | 1852 | 807 | 837  |   |                           |  |  |  |  |  |
| Fil. Selector | 6    | 6   | 8    | * | Test for cathode leakage. |  |  |  |  |  |
| Tube Selector | 44   | 41  | 44   | # | Battery types.            |  |  |  |  |  |
| "In Position" | BCFG | BCE | CDEF |   | Test in "A" socket.       |  |  |  |  |  |

1B7 = 1A7  
1J5 = 1E5

1P5 = 1E5  
2E5 = 2G5  
6AC6 = 6AB6  
6AB7 = 1852  
6AC7 = 1852  
6B6 = 6Q7

7E6 = 7B6  
25X6 = 25Z6  
1221 = 6C6  
1223 = 6K7  
1231 = 1232  
1853 = 1852  
12SK7 = 12SJ7

MODEL 767 Filatrol must be used for Tubes requiring Filament Selector setting of 10 or higher.

MODEL 767 - \$4.95 net  
ADAPTER - #D-70178 - \$.75 net.

(Continued)

SUPPLEMENTARY TEST DATA FOR MODELS  
770 - 771 - 773 - 775 TUBE CHECKERS

|               |       |           |           |           |       |            |            |           |           |
|---------------|-------|-----------|-----------|-----------|-------|------------|------------|-----------|-----------|
| Tube Type     | 25AC5 | #<br>25B8 | 25B8      | 25C6      | 25D8  | 25D8       | Di<br>25D8 | #<br>32L7 | #<br>32L7 |
| Fil. Selector | 9     | 9         | 9         | 9         | 9     | 9          | 9          | 9         | 9         |
| Tube Selector | 40    | 43        | 43        | 45        | 42    | 42         | 0          | 42        | 43        |
| "In Position" | BD    | DG        | BCE       | BCD       | BCE   | DF         | G          | BCD       | F         |
| Tube Type     | 35L6  | #<br>35Z5 | #<br>35Z5 | 35Z6      | 45Z5  | #<br>45Z5  | 50C6       | 50L6      | 50Y6      |
| Fil. Selector | 10    | 7         | 10        | 10        | 7     | 10         | 11         | 11        | 11        |
| Tube Selector | 45    | 36        | 45        | 45        | 17    | 45         | 45         | 45        | 45        |
| "In Position" | BCD   | D         | D         | B         | D     | D          | BCD        | BCD       | B         |
| 2nd Plate     |       |           |           | D         |       |            |            |           | D         |
| Tube Type     | 50Z6  | 50Z7      | #<br>70L7 | #<br>70L7 | 117L7 | #<br>117L7 | 117Z6      | 1232      | 1608      |
| Fil. Selector | 11    | 11        | 12        | 12        | 14    | 14         | 14         | 6         | 3         |
| Tube Selector | 44    | 45        | 44        | 45        | 42    | 44         | 44         | 44        | 43        |
| "In Position" | B     | B         | BCD       | G         | BCD   | F          | B          | BCDF      | BC        |
| 2nd Plate     | D     | D         |           |           |       |            | D          |           |           |
| Tube Type     | 1610  | 1612      | 1614      | 1619      | 1620  | 1621       | 1622       | 1851      | 1852      |
| Fil. Selector | 3     | 6         | 6         | 6         | 6     | 6          | 6          | 6         | 6         |
| Tube Selector | 40    | 41        | 43        | 43        | 42    | 41         | 42         | 44        | 44        |
| "In Position" | BCG   | BCDE      | BCD       | BCDG      | BCDE  | BCD        | BCDE       | BCDE      | BCFG      |
| Tube Type     | 807   | 837       | 866A      |           |       |            |            |           |           |
| Fil. Selector | 6     | 8         | 3         |           |       |            |            |           |           |
| Tube Selector | 41    | 44        | 44        |           |       |            |            |           |           |
| "In Position" | BCE   | CDEF      | E         |           |       |            |            |           |           |

W.E.350-A

• Test for cathode leakage.  
 \* Battery types.  
 # Test in "A" socket.

|      |   |     |      |   |      |      |   |      |
|------|---|-----|------|---|------|------|---|------|
| 1B7  | = | 1A7 | 1P5  | = | 1E5  | 7E6  | = | 7B6  |
| 1J5  | = | 1E5 | 2E5  | = | 2G5  | 25X6 | = | 25Z6 |
| 1LA4 | = | 1A5 | 6AC6 | = | 6AB6 | 1221 | = | 6C6  |
| 1LA6 | = | 1A6 | 6AB7 | = | 1852 | 1223 | = | 6X7  |
| 1LH4 | = | 1H5 | 6AC7 | = | 1852 | 1231 | = | 1232 |
| 1LN5 | = | 1N5 | 6B6  | = | 6Q7  |      |   |      |

MODEL 767 Filatrol must be used for Tubes requiring Filament Selector setting of 10 or higher.

MODEL 767 - \$4.95 net  
ADAPTER - #D-70178 - \$.75 net

RADIO STATION WOR

Model 773

*Received at 444 Madison  
Nov. 1, 1940*

|     |      |      |      |      |      |      |      |
|-----|------|------|------|------|------|------|------|
| *   | *    | *    | *    |      |      |      |      |
| 385 | 310A | 262B | 3E7A | 348A | 304B | 349A | 274A |
| 3   | 8    | 8    | 8    | 6    | 7    | 6    | 5    |
| 43  | 41   | 37   | 37   | 41   | 39   | 42   | 36   |
| BC  | BCDF | BC   | CE   | EDE  | E    | BCD  | BE   |

Poor Test

Tie plate & grid together at top of tube

|         |              |         |                 |
|---------|--------------|---------|-----------------|
| 219B    | 301A         | 2X2/879 | 954             |
| No Test | No Test "83" | No Test | 6<br>43<br>BCDE |

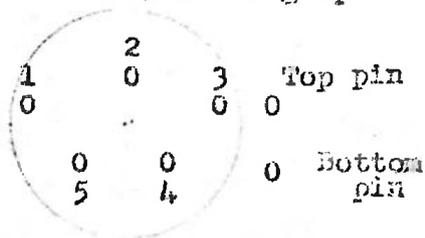
|     |      |
|-----|------|
| *   | *    |
| 955 | 956  |
| 6   | 6    |
| 43  | 43   |
| BC  | BCDE |

.....  
Set Line Control to 23 on Following Tubes

|     |     |      |
|-----|-----|------|
| BAT | BAT | BAT  |
| 957 | 958 | 959  |
| 1   | 1   | 1    |
| 12  | 15  | 15   |
| BC  | BC  | BCDE |

.....  
An Acorn Adapter or Acorn Socket is required to test the Acorn Types.  
Socket or Adapter to be wired as follows:

Bottom view looking up



Acorn pin number

- 1
- 2
- 3
- 4
- 5
- Top pin
- Bot. pin

Octal pin number

- 7
- 8
- 2
- 3
- 4
- 5
- grid cap