

INCH-POUND

MIL-PRF-1M  
 SUPPLEMENT 1A  
 10 November 2005

PERFORMANCE SPECIFICATION

ELECTRON TUBE  
 GENERAL SPECIFICATION FOR

This supplement forms a part of Performance Specification  
 MIL-PRF-1M w/ AMENDMENT 1, dated 10 November 2005

| Specification<br>Sheets<br>MIL-PRF-1/ | Tube Type Number                                  |  | Specification<br>Sheets<br>MIL-PRF-1/ | Tube Type Number                   |
|---------------------------------------|---------------------------------------------------|--|---------------------------------------|------------------------------------|
| 4                                     | 5654 <u>1/</u>                                    |  | 296                                   | 1Q22, 1Q23, 1Q24, 5846, 6040, 6041 |
| 7                                     | 5726 <u>1/</u>                                    |  | 297                                   | 2J55                               |
| 9                                     | 5750 <u>1/</u>                                    |  | 299                                   | 5927                               |
| 10                                    | 5751 <u>1/</u>                                    |  | 302                                   | 8172                               |
| 21                                    | 1B23 <u>1/</u>                                    |  | 311                                   | 3ACP1A, 3ACP2, 3ACP7A              |
| 22                                    | 1B35A, 1B37A, 6162, 5864                          |  | 334                                   | 2C53                               |
| 26                                    | 1B63A                                             |  | 338                                   | 2E26                               |
| 29                                    | 1Z2                                               |  | 368                                   | 5865                               |
| 30                                    | 2C36 <u>1/</u>                                    |  | 372                                   | 7C23                               |
| 36                                    | 3JP1, 3JP2, 3JP7, 3JP11, 3JP12                    |  | 373                                   | 6002 <u>1/</u>                     |
| 37                                    | 8166                                              |  | 374                                   | 2K48                               |
| 49                                    | 6AS7G <u>1/</u>                                   |  | 383                                   | 6344A                              |
| 60                                    | 6SA7, 6SA7WGT, 12SA7, 12SA7GT,<br>12SY7 <u>1/</u> |  | 384                                   | 6081 <u>1/</u>                     |
| 61                                    | 12SK7Y <u>1/</u>                                  |  | 385                                   | 3DP1A, 3DP1A+S2                    |
| 63                                    | 12SN7GT, 12SX7GT <u>1/</u>                        |  | 422                                   | 7YP1, 7YP2, 7YP7                   |
| 66                                    | 7BP7A                                             |  | 466                                   | 5842 <u>1/</u>                     |
| 83                                    | 5727 <u>1/</u>                                    |  | 478                                   | 6116 <u>1/</u>                     |
| 85                                    | 5763 <u>1/</u>                                    |  | 480                                   | 5SP1A, 5SP7A, 5SP11A               |
| 95                                    | JAN 5886 <u>1/</u>                                |  | 484                                   | 6299 <u>1/</u>                     |
| 97                                    | 5899, 6206 <u>1/</u>                              |  | 501                                   | 3KP1                               |
| 99                                    | 807, 1625 <u>1/</u>                               |  | 505                                   | 5962                               |
| 111                                   | 6130                                              |  | 507                                   | 7452A                              |
| 115                                   | 5C22                                              |  | 588                                   | 2AP1A                              |
| 126                                   | 6V6, 6V6GT <u>1/</u>                              |  | 590                                   | 3FP7A                              |
| 148                                   | C6A <u>1/</u>                                     |  | 592                                   | 5BP1A, 5HP1A                       |
| 160                                   | 7034                                              |  | 594                                   | 3BP1A                              |
| 175                                   | 5902 <u>1/</u>                                    |  | 597                                   | 931VA                              |
| 188                                   | 6021W, 6021WSPL <u>1/</u>                         |  | 601                                   | 5836 <u>1/</u>                     |
| 190                                   | 6112 <u>1/</u>                                    |  | 605                                   | 6310 <u>1/</u>                     |
| 191                                   | 6B4G <u>1/</u>                                    |  | 607                                   | 5921, 5922                         |
| 193                                   | OC3A, OC3W                                        |  | 609                                   | 1B224A                             |
| 195                                   | OB3                                               |  | 664                                   | 5665                               |
| 197                                   | 6L6WGB <u>1/</u>                                  |  | 665                                   | 6410A                              |
| 208                                   | 1B27                                              |  | 689                                   | 5ADP1, 5ADP2, 5ADP7, 5ADP14        |
| 211                                   | 3C24                                              |  | 690                                   | 5517 <u>1/</u>                     |
| 262                                   | 6203 <u>1/</u>                                    |  | 744                                   | 6BM6                               |
| 263                                   | 6X4WA <u>1/</u>                                   |  | 745                                   | 6BL6                               |
| 267                                   | 3WP1, 3WP2 <u>1/</u>                              |  | 746                                   | 6BM6A                              |
| 272                                   | 2BP1, 2BP11                                       |  | 747                                   | JAN 3XP1                           |
| 273                                   | 5CP1A, 5CP1B, 5CP12                               |  | 757                                   | 5643 <u>1/</u>                     |
| 275                                   | 5LP1A, 5LP5A, 5LP7A, 5LP11A                       |  | 770                                   | 5586, 5657                         |
| 290                                   | OA2WA <u>1/</u>                                   |  | 776                                   | 4D21                               |
| 292                                   | 5829WA <u>1/</u>                                  |  |                                       |                                    |

See footnote at end of table.

AMSC N/A

FSC 5960

MIL-PRF-1M  
 SUPPLEMENT 1A

| Specification Sheets<br>MIL-PRF-1/ | Tube Type Number            |  | Specification Sheets<br>MIL-PRF-1/ | Tube Type Number           |
|------------------------------------|-----------------------------|--|------------------------------------|----------------------------|
| 779                                | 5687WB <u>1/</u>            |  | 1162                               | 10KP7A                     |
| 781                                | 6D4 <u>1/</u>               |  | 1165                               | 6948 <u>1/</u>             |
| 796                                | 6024                        |  | 1174                               | 6303                       |
| 806                                | 4C35A                       |  | 1178                               | 7AGP19                     |
| 810                                | 5AWP2                       |  | 1203                               | 7077                       |
| 812                                | 5D22                        |  | 1204                               | 1DP1                       |
| 825                                | 5651WA <u>1/</u>            |  | 1221                               | 6939                       |
| 839                                | 6AN5WA <u>1/</u>            |  | 1222                               | 12DP7C                     |
| 846                                | 2J51A                       |  | 1225                               | 6688                       |
| 849                                | 6543                        |  | 1232                               | 7166                       |
| 851                                | JAN 5780                    |  | 1239                               | 6816, 6884                 |
| 852                                | 5933WA <u>1/</u>            |  | 1254                               | 7381                       |
| 864                                | 6CL6 <u>1/</u>              |  | 1260                               | 7190, 7191                 |
| 866                                | 7ABP7A, 7ABP19A             |  | 1261                               | 12ABP1A, 12ABP7A, 12ABP19A |
| 867                                | 4D32 <u>1/</u>              |  | 1291                               | 7410                       |
| 868                                | 2C40A <u>1/</u>             |  | 1294                               | 7263A <u>1/</u>            |
| 876                                | 8165                        |  | 1295                               | 6842                       |
| 877                                | 100TH                       |  | 1296                               | 4MP1                       |
| 878                                | 250TH                       |  | 1297                               | 10AKP7                     |
| 884                                | 304TH                       |  | 1298                               | CE-75V                     |
| 887                                | 8438                        |  | 1308                               | 6360                       |
| 889                                | 7203, 7203A                 |  | 1313                               | 8167                       |
| 894                                | 884 <u>1/</u>               |  | 1314                               | 6283, 8500                 |
| 906                                | 5979                        |  | 1315                               | 6517 <u>1/</u>             |
| 911                                | 719A                        |  | 1325                               | 7554                       |
| 924                                | 5R4WGB <u>1/</u>            |  | 1329                               | 7521                       |
| 943                                | 5819                        |  | 1330                               | 7486                       |
| 945                                | 2J49, 2J50                  |  | 1331                               | 7609                       |
| 952                                | 6AU6WC <u>1/</u>            |  | 1335                               | 7462                       |
| 964                                | 6378                        |  | 1336                               | 3D21WP                     |
| 970                                | 1B58A                       |  | 1339                               | 5AMP1A                     |
| 973                                | 5980, 5980A                 |  | 1341                               | 3BGP1 <u>1/</u>            |
| 974                                | 3ADP1, 3ADP2, 3ADP7, 3ADP11 |  | 1342                               | 1EP1                       |
| 982                                | 2K25 <u>1/</u>              |  | 1350                               | 8295A                      |
| 985                                | 5U4GB <u>1/</u>             |  | 1361                               | 7390, 7390A                |
| 986                                | 7616                        |  | 1371                               | 7322                       |
| 988                                | 7615                        |  | 1373                               | 7AQP7, 7AQP33 <u>1/</u>    |
| 999                                | 6163                        |  | 1383                               | 2041                       |
| 1000                               | 6164                        |  | 1385                               | 7580W, 8930                |
| 1005                               | 10WP7A                      |  | 1386                               | 4QP2 <u>1/</u>             |
| 1006                               | 4DP7                        |  | 1388                               | 7840                       |
| 1011                               | 5957                        |  | 1389                               | 10ANP7                     |
| 1037                               | 6897                        |  | 1392                               | 5FP7A, 5FP14A, 5FP25       |
| 1047                               | 2C41 <u>1/</u>              |  | 1394                               | 6357                       |
| 1048                               | 5AFP1, 5AFP7                |  | 1400                               | 12ATP28                    |
| 1049                               | 6914                        |  | 1404                               | 2DF4                       |
| 1055                               | 6442                        |  | 1405                               | 7640                       |
| 1056                               | 12SP7D                      |  | 1424                               | 6303A                      |
| 1065                               | 5BCP7                       |  | 1426                               | 8354                       |
| 1069                               | JAN 5702WB <u>1/</u>        |  | 1427                               | 8170W                      |
| 1071                               | 6962                        |  | 1428                               | 7621                       |
| 1072                               | 22CP7A, 22CP25A             |  | 1429                               | 7815                       |
| 1096                               | 5784WB <u>1/</u>            |  | 1457                               | 7843                       |
| 1097                               | 12AT7WC <u>1/</u>           |  | 1458                               | 7788                       |
| 1099                               | 5948A, 5948B                |  | 1461                               | 7006                       |
| 1100                               | 5949A, 5949A-1              |  | 1470                               | 7698                       |
| 1105                               | 6564                        |  | 1472                               | 8188                       |
| 1112                               | 8493                        |  | 1473                               | 8189                       |
| 1120                               | 7289                        |  | 1485                               | 7665, 7665A                |
| 1147                               | 6782                        |  | 1506                               | 8245                       |
| 1159                               | 705WA <u>1/</u>             |  | 1508                               | 6754                       |

See footnote at end of table.

MIL-PRF-1M  
 SUPPLEMENT 1A

| Specification Sheets<br>MIL-PRF-1/ | Tube Type Number     |  | Specification Sheets<br>MIL-PRF-1/ | Tube Type Number  |
|------------------------------------|----------------------|--|------------------------------------|-------------------|
| 1509                               | 6696A, 6697A, 6697AW |  | 1660                               | 8403              |
| 1512                               | 7248 <u>1/</u>       |  | 1661                               | 8765              |
| 1516                               | 5963 <u>1/</u>       |  | 1670                               | 8590              |
| 1519                               | 8422 <u>1/</u>       |  | 1677                               | 8759              |
| 1541                               | 8561                 |  | 1679                               | 8252W             |
| 1542                               | 7402                 |  | 1688                               | 8798              |
| 1553                               | 7651                 |  | 1692                               | 8878 <u>1/</u>    |
| 1569                               | 8168                 |  | 1696                               | 8882 <u>1/</u>    |
| 1570                               | 7156A                |  | 1698                               | 7301              |
| 1572                               | 7290 <u>1/</u>       |  | 1701                               | DOD-004           |
| 1575                               | 10VP7 <u>1/</u>      |  | 1702                               | 8745              |
| 1580                               | 8621                 |  | 1705                               | 8896              |
| 1583                               | 6929                 |  | 1708                               | DOD-007 <u>1/</u> |
| 1587                               | 8596                 |  | 1709                               | 8919              |
| 1588                               | 7417                 |  | 1712                               | DOD-039           |
| 1589                               | 8237                 |  | 1716                               | 8171              |
| 1590                               | 8613                 |  | 1717                               | 8906              |
| 1593                               | 8233                 |  | 1718                               | 8922 <u>1/</u>    |
| 1596                               | 8116                 |  | 1719                               | DOD-011           |
| 1605                               | 8128                 |  | 1722                               | DOD 015 <u>1/</u> |
| 1609                               | 8515                 |  | 1725                               | 8169              |
| 1612                               | 7620                 |  | 1726                               | 8533W             |
| 1614                               | 857B                 |  | 1727                               | DOD-018           |
| 1617                               | 5847B                |  | 1728                               | 8904              |
| 1619                               | 8161, 8251           |  | 1729                               | 8538B             |
| 1622                               | 7829A                |  | 1734                               | 8943              |
| 1624                               | 8682                 |  | 1735                               | 8951              |
| 1633                               | 7211                 |  | 1738                               | 8939              |
| 1634                               | 8321, 8321A, 8322    |  | 1753                               | DOD-031           |
| 1635                               | 10ALP19              |  | 1754                               | DOD-032           |
| 1636                               | 7782                 |  | 1755                               | DOD-033           |
| 1640                               | 8855                 |  | 1756                               | 8964              |
| 1647                               | 8767                 |  | 1757                               | 8965              |
| 1648                               | 8660                 |  | 1766                               | 8980              |
| 1654                               | 8364                 |  | 1767                               | 8281              |
| 1655                               | 6080WC <u>1/</u>     |  | 1769                               | 8982 <u>1/</u>    |
| 1657                               | 8727                 |  | 1771                               | DOD-041 <u>1/</u> |
| 1658                               | 8789                 |  | 1773                               | DOD-042           |

1/ Denotes a specification sheet that is inactive for new design.

Preparing activity:  
 DLA - CC