

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODDS SPECIFIED IN THE SOLICITATION: MIL-L-6723

THIS SPECIFICATION IS APPROVED FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE.

| FORM APPROVED<br>OMB NO. 0704-0188   |  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
|--|--|------------------------------|---------------|---|-------------------------------|--|-------------------|-------------------------|------------------|------------|------------------------------------|--------|-----------------------------------|
|  |  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| <p>(F) REVISED AND REDRAWN DENOTES CHANGE</p>  | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">DASH NO.</th> <th>COVER (GLASS)</th> </tr> </thead> <tbody> <tr> <td>-1 (a)</td> <td>IDENTIFICATION RED, DIFFUSING</td> </tr> <tr> <td>-2 (a)</td> <td>NONE</td> </tr> <tr> <td>-3 (a)</td> <td>WHITE, DIFFUSING</td> </tr> <tr> <td>-4 (a)</td> <td>INSTRUMENT WHITE (PER MIL-L-27160)</td> </tr> <tr> <td>-5 (a)</td> <td>ANVIS GREEN "A" (PER MIL-L-85762)</td> </tr> </tbody> </table> <p>(a) -1, -2, -3, -4, -5 ARE FOR LIGHT ASSEMBLY WITHOUT LAMP. IF SHIPMENT WITH LAMP IS DESIRED, LAMP REQUIRED SHOULD BE SPECIFIED.</p> | DASH NO.                     | COVER (GLASS) | -1 (a)                                  | IDENTIFICATION RED, DIFFUSING | -2 (a)                                 | NONE              | -3 (a)                  | WHITE, DIFFUSING | -4 (a)     | INSTRUMENT WHITE (PER MIL-L-27160) | -5 (a) | ANVIS GREEN "A" (PER MIL-L-85762) |
| DASH NO.   | COVER (GLASS)  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| -1 (a)   | IDENTIFICATION RED, DIFFUSING  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| -2 (a)   | NONE   |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| -3 (a)   | WHITE, DIFFUSING   |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| -4 (a)   | INSTRUMENT WHITE (PER MIL-L-27160)   |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| -5 (a)   | ANVIS GREEN "A" (PER MIL-L-85762)  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| <p>PREPARING ACTIVITY: NAVY - AS<br/>CUSTODIANS: ARMY - AV      NAVY -<br/>AIR FORCE - 82      DLA -</p> <p>REVIEW:<br/>USER:<br/>PROJECT NUMBER: 6220-1061</p> <p>DISTRIBUTION STATEMENT<br/>A. APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED.</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">MILITARY SPECIFICATION SHEET</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="text-align: center;">TITLE<br/>LIGHT ASSEMBLY, COCKPIT, FIXED</td> </tr> <tr> <td style="width: 40%;">SPECIFICATION SHEET NUMBER<br/>MS 25027</td> <td style="width: 60%;">25SEP92<br/>REV. F</td> </tr> <tr> <td>SUPERSEDING<br/>MS 25027</td> <td>E      1 NOV 87</td> </tr> <tr> <td>AMSC - N/A</td> <td>FSC 6220</td> </tr> </tbody> </table>   | MILITARY SPECIFICATION SHEET |               | TITLE<br>LIGHT ASSEMBLY, COCKPIT, FIXED |                               | SPECIFICATION SHEET NUMBER<br>MS 25027 | 25SEP92<br>REV. F | SUPERSEDING<br>MS 25027 | E      1 NOV 87  | AMSC - N/A | FSC 6220                           |        |                                   |
| MILITARY SPECIFICATION SHEET   |  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| TITLE<br>LIGHT ASSEMBLY, COCKPIT, FIXED  |  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| SPECIFICATION SHEET NUMBER<br>MS 25027   | 25SEP92<br>REV. F  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| SUPERSEDING<br>MS 25027  | E      1 NOV 87  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| AMSC - N/A   | FSC 6220   |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |
| <div style="display: flex; justify-content: space-between;"> <span>DD FORM 1 MAY 88 672</span> <span>PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE</span> </div>   |  |                              |               |   |                               |  |                   |                         |                  |            |                                    |        |                                   |

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FORM APPROVED  
OMB NO. 0704-0188

# NOTES:

1. MATERIAL: NONMAGNETIC MATERIALS SHALL BE USED FOR ALL PARTS OF THE ASSEMBLY.
2. REMOVE ALL BURRS AND BREAK ALL SHARP EDGES
3. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS +/- .016. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ANSI Y14.5
4. (a) FOR INSTALLATION, CLEARANCE SHALL BE ALLOWED FOR THE MAXIMUM OVERALL DIMENSIONS SHOWN ON THIS DRAWING
- (b) LIGHT ASSEMBLY SHALL BE DESIGNED TO ACCOMMODATE A MINIATURE BAYONET BASE LAMP WITH T4-1/2 BULB WITH 1-3/8 INCH M.O.L. AND 11/16 INCH L.C.L., 6 CP 28 VOLT, 500 HOUR LIFE LAMP. MS25069-1495 OR AS SPECIFIED BY THE PROCURING ACTIVITY.
- (F) (c) LAMP HOUSING AND LAMP SHALL BE EASILY REMOVABLE TO PERMIT LAMP REPLACEMENT, WITHOUT THE USE OF TOOL.
- (d) THE ASSEMBLY SHALL BE PROVIDED WITH A SOCKET DESIGNED TO HOLD THE LAMP SPECIFIED AND SHALL POSITION THE LAMP SO THAT ITS LIGHT CENTER IS BEHIND THE CENTER OF THE COVER GLASS.
- (e) POWER TO LAMP SHALL BE PROVIDED BY LEAD TO BE SOLDERED INTO CENTER CONTACT CIRCUIT. GROUND RETURN THROUGH MOUNTING BRACKET.
- (F) (f) Note (f) deleted.
- (g) THE WEIGHT OF THE ASSEMBLY, INCLUDING LAMP SHALL NOT EXCEED .2 POUND.
- (h) RETAINER CLIP AND LOCKWASHER MAY BE INCORPORATED INTO ONE PART.
5. (a) AVIATOR'S NIGHT VISION IMAGING SYSTEM (ANVIS) COMPATIBLE FILTER REQUIREMENTS. (-5).
- (b) POLYCARBONATE OR GLASS FILTERS USED IN ANVIS COMPATIBLE FLOODLIGHT ASSEMBLY SHALL HAVE A LENGTH OF .995 +/- .008 INCH AND A WIDTH OF .765 +/- .008 INCH.
- (c) POLYCARBONATE OR GLASS FILTERS USED IN ANVIS COMPATIBLE FLOODLIGHT ASSEMBLY SHALL HAVE ALL CORNERS .064 ROUND.
- (F) (d) SEE MIL-L-6723, FOR ADDITIONAL ANVIS REQUIREMENTS.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.  
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

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| PREPARING ACTIVITY: NAVY - AS<br>CUSTODIANS: ARMY - AV NAVY -<br>AIR FORCE - 82 DLA -<br>REVIEW:<br>USER:<br>PROJECT NUMBER: 6220-1061 | <b>MILITARY SPECIFICATION SHEET</b><br>TITLE<br>LIGHT ASSEMBLY, COCKPIT, FIXED | SPECIFICATION SHEET NUMBER 25SEP92<br>MS 25027 REV. F<br>SUPERSEDING<br>MS 25027 E 1 NOV 87<br>AMSC - N/A FSC 6220 |
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