

INCH-POUND

MS25216B  
**20 January 2006**  
 SUPERSEDING  
 MS25216A  
 31 July 1985

DETAIL SPECIFICATION SHEET  
 COVER, TOP AND BOTTOM FUSELAGE LIGHTS

Inactive for new design after 20 January 2006

This specification is approved for use by all  
 Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet  
 and MIL-C-7989.

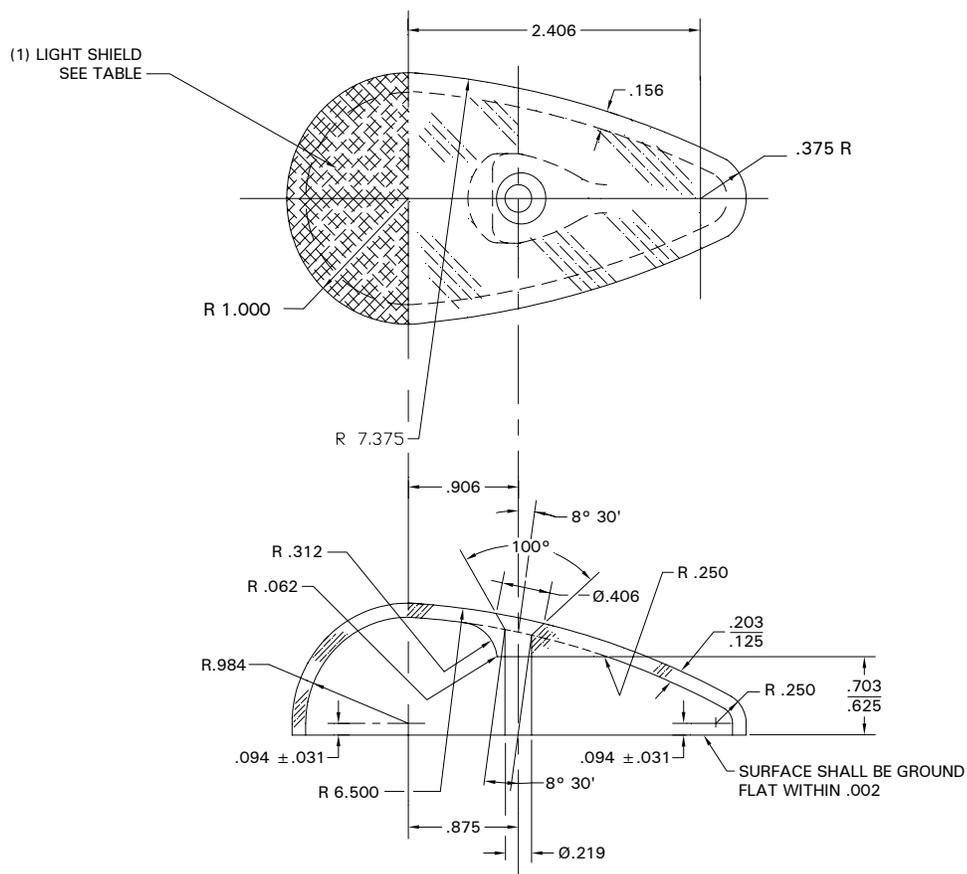


FIGURE 1. Cover

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DASH NO.	COLOR (5)	REMARKS(6)
-1	Type II Lunar White	ND – WOS
-2	(clear)	ND – WS
-3	“	D - WOS
-4	“	D - WS
-5	RED	ND – WOS
-6	“	ND - WS
-7	“	D - WOS
-8	“	D - WS
-9	GREEN	ND - WOS
-10	“	ND - WS
-11	“	D - WOS
-12	“	D - WS
-13	YELLOW	ND - WOS
-14	“	ND - WS
-15	“	D - WOS
-16	“	D - WS
-17	TYPE I – RED	ND - WOS
-18	“	ND - WS
-19	“	D - WOS
-20	“	D - WS
-21	GREEN	ND - WOS
-22	“	ND - WS
-23	“	D - WOS
-24	“	D - WS

## REQUIREMENTS:

1. LIGHT SHIELD OF SUITABLE DULL OPAQUE MATERIAL OR OPAQUE ALUMINUM APPLIED TO INNER SURFACE IN SUCH MANNER AS TO WITHSTAND 5 HOURS CONTINUOUS OPERATION WITH A 1047 LAMP BURNING. SLIGHTLY RAISED LINES MAY BE MOLDED IN GLASS TO FACILITATE APPLICATION OF SHIELDING: MASKING TO BE APPLIED BEFORE THE DIFFUSING ENAMEL IS APPLIED.
2. BREAK EDGES .016 MAX.
3. DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED, TOLERANCE: DECIMALS  $\pm$ .016, ANGLES  $\pm$ 1°.
4. THE MANUFACTURER'S TRADE-MARK AND MS PART NO. SHALL BE MARKED ON THE COVER. THE MARKINGS SHALL BE IN SUCH A LOCATION THAT IT SHALL NOT INTERFERE WITH THE LIGHT DISTRIBUTION. ACCEPTABILITY OF TRADE-MARKS SHALL BE DETERMINED DURING QUALIFICATION TESTING OF COVER.
5. TYPE I – AVIATION COLORS AND TYPE II IDENTIFICATION COLORS BOTH IN ACCORDANCE WITH SAE-AS25050.
6. DIFFUSING – D, NONDIFFUSING – ND, WITHOUT SHIELD – WOS, WITH SHIELD – WS.
7. ALL COVERS FURNISHED UNDER THIS STANDARD SHALL BE CLASS B – HEAT RESISTANCE CLASS IN ACCORDANCE WITH MIL-C-7989 AND GRADE B – TRANSMISSION AND BRIGHTNESS LIMITS IN ACCORDANCE WITH TABLE III SAE-AS25050.

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8. FOR DESIGN PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
9. CHANGES FROM PREVIOUS ISSUE. MARGINAL NOTATIONS ARE NOT USED IN THIS REVISION TO IDENTIFY CHANGES WITH RESPECT TO THE PREVIOUS ISSUE DUE TO THE EXTENT OF THE CHANGES.

Custodians:  
Navy – AS  
Air Force – 99

Preparing Activity:  
DLA – IS

(Project 6220-2005-004)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>