

INCH-POUND

MS25216C
9 August 2011
SUPERSEDING
MS25216B
20 January 2006

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-DTL-7989, "Covers, Light - Transmitting, for Aeronautical Lights, General Specification for".

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TABLE I. Light shield requirements.

Dash no.	Color ¹	Remarks ²
-1	Type II - Lunar white (clear)	ND - WOS
-2		ND - WS
-3		D - WOS
-4		D - WS
-5	Type II - Red	ND - WOS
-6		ND - WS
-7		D - WOS
-8		D - WS
-9	Type II - Green	ND - WOS
-10		ND - WS
-11		D - WOS
-12		D - WS
-13	Type II - 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	Type I - Green	ND - WOS
-22		ND - WS
-23		D - WOS
-24		D - WS

¹ Type I, aviation colors, and type II, identification colors, shall be in accordance with SAE AS25050, "Colors, Aeronautical Lights and Lighting Equipment, General Requirements for".

² Diffusing - D, Non-Diffusing - ND, Without Shield - WOS, and With Shield - WS.

1. A light shield of suitable dull opaque material or opaque aluminum shall be applied to the inner surface in such manner as to render it capable of withstanding five hours continuous operation, installed on the intended lighting fixture, with an industry number 1047 lamp burning. Slightly raised lines may be molded on the glass to facilitate the application of shielding: Masking to be applied before the diffusing enamel is applied.

2. The manufacturer's trademark and the MS part number shall be marked on the cover. The markings shall be in such a location that they do not interfere with the light distribution.

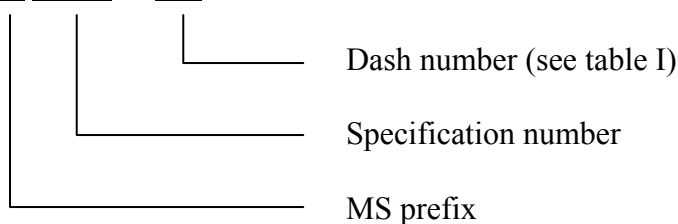
3. All covers furnished under this specification sheet shall be class B - heat resistant glass in accordance with MIL-DTL-7989, and conform to grade B transmission and brightness limits in accordance with SAE AS25050.

1. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence.

2. Unless otherwise specified, issues of referenced documents are those in effect at time of solicitation.

3. The part or identifying number (PIN) to be used for fuselage light covers acquired to this specification sheet is created as follows:

MS 25216 - XX



Example of reference part number: MS25216-20

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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

DLA - GS

Preparing Activity:

DLA - GS2

(Project 6220-2011-002)

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 database at <https://assist.daps.dla.mil/>.