

INCH-POUND

MIL-DTL-18445E(SH)

24 July 2019

SUPERSEDING

MIL-W-18445D(SH)

29 December 1980

DETAIL SPECIFICATION

WINDOWS, NON-ICING, FLAT LAMINATED GLASS, ELECTRICALLY HEATED WITH CONTROLS

This specification is approved for use by the Naval Sea Systems Command and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers non-icing, electrically heated, flat laminated glass windows contained in metal frames, with temperature controls necessary for operation. The windows are to provide clear vision aboard ships during cold weather operating conditions.

1.2 Classification. Controllers for windows are of the following types, as specified (see 6.2):

- a. Type I – Remote controller actuated by a temperature sensor embedded in the window.
- b. Type II (for retrofit use only) – Surface controller actuated by an integral temperature sensor for controller replacement on windows not having embedded sensors.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

FEDERAL SPECIFICATIONS

TT-C-490 - Chemical Conversion Coatings and Pretreatments for Metallic Substrates (Base for Organic Coatings)

TT-P-1757 - Primer Coating, Alkyd Base, One Component

Comments, suggestions, or questions on this document should be addressed to Commander, Naval Sea Systems Command, ATTN: SEA 05S, 1333 Isaac Hull Avenue, SE, Stop 5160, Washington Navy Yard DC 20376-5160 or emailed to CommandStandards@navy.mil, with the subject line "Document Comment". Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

AMSC N/A

FSC 2090

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