

INCH-POUND

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## DETAIL SPECIFICATION

### WIRE ROPE, 1.5 INCH DIAMETER, GALVANIZED, COMPACTED STRAND, FOR AIRCRAFT ELEVATOR

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

#### 1. SCOPE

1.1 Scope. This specification covers the requirements for 1.5 inch diameter, galvanized, compacted strand construction wire rope (see 6.4.8 and 6.4.9) used for Navy shipboard aircraft elevators. The wire rope must provide high tensile stiffness to minimize the changes in platform elevation associated with roll-on and roll-off of aircraft and a uniform density that provides consistent tension values in service. It must also provide good bending fatigue performance to accommodate repeated cycling over the various sheaves in the elevator system. The rope must be resistant to corrosion associated with continual exposure to and operation in a salt water environment.

#### 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 the documents cited in sections 3 and 4 of this specification, whether or not they are listed.

##### 2.2 Government documents.

2.2.1 Specifications and standards. The following specifications and standards 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.

Comments, suggestions, or questions on this document should be addressed to Defense Supply Center Richmond, ATTN: DSCR-VEB, 8000 Jefferson Davis Highway, Richmond, VA 23297-5616 or emailed to [STDZNMGT@dla.mil](mailto:STDZNMGT@dla.mil). Since contact information can change, you may want to verify the currency of this address information using the ASSIST database at <https://assist.dla.mil/>.