

MIL-C-5756B
 Amendment-4
 9 June 1972
 Superseding
 Amendment-3(AS)
 9 March 1971

MILITARY SPECIFICATION

CABLE AND WIRE, POWER, ELECTRIC; PORTABLE

This amendment forms a part of Military Specification MIL-C-5756B, dated 8 October 1954, and is approved for use by all Departments and agencies of the Department of Defense.

Delete all reference in the specification to "Navy - Bureau of Aeronautics." Substitute "Navy - Naval Air Systems Command."

Delete all reference in the specification to "ASG"

Pages 1 and 2

2.1, Delete all reference documents and substitute:

SPECIFICATIONS

Federal

| | |
|-----------|--|
| O-C-265 | Chemical, Analytical, General Specification For |
| NN-P-530 | Plywood, Flat Panel |
| QQ-T-580 | Tool Steel, Carbon and Carbon-Vanadium |
| QQ-W-343 | Wire, Electric, Uninsulated |
| TT-I-735 | Isopropyl Alcohol |
| TT-S-735 | Standard Test Fluids, Hydrocarbon |
| TT-W-732 | Wood Preservative; Water Repellent |
| VV-K-211 | Kerosene |
| PPP-B-585 | Boxes; Wood, Wirebound |
| PPP-B-601 | Box, Wood, Cleated-Plywood |
| PPP-B-621 | Box, Wood, Nailed and Lock Corner |

FSC 6145

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Military

MIL-L-6082 Lubricating Oil, Aircraft Reciprocating
Engine (Piston)

STANDARDS

Federal

Fed Test Method Cable and Wire, Insulated, Methods of Testing
Std. No. 228

Military

MIL-STD-104 Limit for Electrical Insulation Color
MIL-STD-129 Marking for Shipment and Storage
MIL-STD-143 Standards and Specifications, Order of Pre-
cedence for the Selection of

Page 2

Add new paragraph:

"2.2 Other publications. The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply."

UNITED STATES OF AMERICA STANDARDS INSTITUTE

USAS B46 Surface Texture

(Application for copies of USAS standards should be addressed to the United States of America Standards Institute 10 East 40th Street, New York, New York 10016 or from the American Society of Mechanical Engineers Order Department, United Engineering Center, 345 East 47th Street, New York, New York 10017.)

Add new paragraph:

"3.1.1 Data. Unless otherwise specified by the procuring officer, no data, other than the test reports which accompany the qualification test samples (4.2.1), is required by this specification or by the documents referenced in Section 2."

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of 4 pages

Page 3

3.3.2 Line 4, delete "ANA Bulletin No. 143" and substitute "MIL-STD-143".

3.4.1 and 3.4.2, delete all reference to "MIL-W-3861" and substitute "QQ-W-343".

Page 4

3.4.4.1 Flat twin parallel cables: Delete the paragraph in its entirety.

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3.6 Identification of product: Delete Specification "MIL-C-5756B" and substitute Specification MIL-C-5756.

4.2.1 Sampling instructions: Delete subparagraph "(c)" in its entirety.

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Table III, Delete the specification reference for the first three fluids and substitute: "TT-S-735, Type III; TT-I-735; O-C-265", respectively.

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Figure II, -Delete "Specification 57-108" and substitute "QQ-T-580".
-Delete "Standard MIL-STD-10" and substitute "USAS B46".

Page 11

4.4.7.1 Procedure: In the sixth line delete "3,000 V at a frequency of 60 cps" and substitute "the applicable voltage below". Also add the following listing under the paragraph:

| <u>Cond Size AWG or MCM</u> | <u>Test Voltage 60 cps</u> |
|---------------------------------|--------------------------------|
| 18 - 16 | 1,500 |
| 14 - 8 | 3,000 |
| 6 - 2 | 3,500 |
| 1 - 40 | 4,000 |
| 225 MCM - 500 MCM | 5,000 |

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4.4.10 and 4.4.11, Line 2: Delete "Specification J-C-98" and substitute "Fed Test Method Standard No. 228".

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5.3.1 Line 5, delete "NN-B-621, NN-B-631" and substitute "PPP-B-585, PPP-B-621".

5.3.2 Line 3, delete "JAN-P-106" and substitute "PPP-B-621".

Line 4, delete "Specification NN-P-515, Types I or II, Class 2" and substitute "NN-P-530, Group A, Type I or II, Grade 4. Plywood shall be surface treated in accordance with TT-W-732".

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6.3 Provisions for Qualification Tests: Delete the entire paragraph and substitute "With respect to products requiring qualification, awards will be made only for such products as have, prior to the time set for opening of bids, been tested and approved for inclusion in the applicable Qualified Products List whether or not such products have actually been so listed by that date. The attention of the suppliers is called to this requirement, and manufacturers are urged to arrange to have the products that they propose to offer to the Federal Government tested for qualification in order that they may be eligible to be awarded contracts or orders for the products covered by this specification. The activity responsible for the Qualified Products List is the Naval Air Systems Command, Washington, D.C. 20360; however, information pertaining to qualification of products may be obtained from the Commanding Officer, Naval Ammunition Depot, Crane, Indiana 47522, Attention: Code 70531."

Custodians

Navy - AS
Air Force - 80

Preparing Activity
Navy - AS
(Project No. 6145-0612)