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| NOT MEASUREMENT SENSITIVE |
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MIL-C-8779E
AMENDMENT 1
15 March 1989

MILITARY SPECIFICATION
COLOR, INTERIOR, AIRCRAFT, REQUIREMENTS FOR

This amendment forms a part of MIL-C-8779E, dated 17 February 1988, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

Add the following paragraph:

"2.4 Streamlining. This document has been streamlined. Appendix A to MIL-C-8779E lists those documents required for MIL-C-8779E acquisition and is a mandatory part of MIL-C-8779E. Those documents listed in Appendix A have the same status as those referenced directly in MIL-C-8779E (first tier documents). All other documents, referenced through tiering, may be used as guidance and information to supplement MIL-C-8779E. MIL-C-8779E is a streamlined document."

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Change: "6.4" to "6.6."

Add the following paragraphs:

"6.4 Streamlining. For MIL-C-8779E acquisitions, the required portions of all MIL-C-8779E tier reference documents shall be limited to the portions described in the "Applicability" column of Table I in Appendix A.

6.5 Tailoring. When MIL-C-8779E is tailored in an acquisition, Appendix A must be tailored accordingly. In particular, when Appendix A is tailored, specific attention must be given to the chain of referencing. For example, if a first tier reference document in MIL-C-8779E is tailored out, all of the reference documents which are tiered to that first tier reference document must be tailored out."

AMSC N/A

FSC 15GP

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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Add to end of document:

APPENDIX A

STREAMLINING INFORMATION

10. SCOPE

10.1 Scope. This Appendix is a list of documents referenced in MIL-C-8779E or tiered to documents referenced in MIL-C-8779E. These documents have the same status as those referenced directly in MIL-C-8779E (first tier documents). This appendix is a mandatory part of this specification. The information contained herein is intended for compliance.

10.2 Application. This Appendix identifies the applicability of the documents cited in the text and their references through the fifth tier. Only that portion of a document listed in Table I of this Appendix, and described in the "Applicability" column, is pertinent in the use of MIL-C-8779E. If MIL-C-8779E is tailored in acquisition, this Appendix must also be tailored.

20. DOCUMENTS

20.1 Documents. The documents listed herein and their applicability have been identified as required. All other documents referenced through tiering are not considered required and may be used for guidance and information.

MIL-C-8779E
AMENDMENT 1TABLE I. Required documents and corresponding applicability data.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|--|---|---|----------------|
| <u>First Tier (1 of 9 documents)</u> MIL-F-7179 | Finishes, Coatings and Sealants for the Protection of Aerospace Weapons Systems | Material requirements General protective finish requirements Tables I and II | MIL-C-8779 |
| <u>Second Tier</u> | | | |
| MIL-P-23377 | Primer Coatings: Epoxy Polyamide, Chemical and Solvent Resistant | Any Qualified Products List (QPL) Item | MIL-F-7179 |
| MIL-P-52192 | Primer Coating, Epoxy | Any QPL Item | MIL-F-7179 |
| MIL-P-85582 | Primer Coatings: Epoxy VOC Compliant, Chemical and Solvent Resistant | Any QPL Item | MIL-F-7179 |
| MIL-C-22750 | Coating, Epoxy-Polyamide | Requirements and Quality Assurance | MIL-F-7179 |
| MIL-C-46168 | Coating, Aliphatic, Polyurethane Chemical Agent Resistant | Any QPL Item | MIL-F-7179 |
| MIL-C-83286 | Coating Urethane, Aliphatic Isocyanate, for Aerospace Applications | Any QPL Item | MIL-F-7179 |
| MIL-C-85285 | Coating: Polyurethane, High-Solids | Any QPL Item | MIL-F-7179 |

The remaining second tier references, tiered to MIL-F-7179, are for guidance and information.

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|-------------------|--|---|----------------|
| <u>Third Tier</u> | | | |
| MIL-T-81772 | Thinner, Aircraft Coating | Requirements and Quality Assurance | MIL-C-22750 |
| FED-STD-595 | Colors | Gloss Color Number: 17925 Semigloss Color Numbers: 21136, 22203, 22544, 23434, 23522, 24424, 25102, 25183, 25550, 26555, 27875, 28913 Lusterless Color Numbers: 30099, 30215, 30219, 30266, 30277, 30318, 32246, 32544, 33522, 34092, 34226, 34424, 34554, 35053, 35102, 35183, 35190, 35250, 35550, 36081, 36160, 36231, 36440, 36555, 37038, 37773, 37778, 37855, 37885 | MIL-C-22750 |
| FED-STD-141 | Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing | Methods 4021, 3011, 4061, 7360, 6221 and 6304 | MIL-C-22750 |
| ASTM D 2369 | Standard Test Method for Volatile Content of Coatings | Apparatus, Reagents, Procedure and Calculations Sections | MIL-C-22750 |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|------------------|--|--|----------------|
| ASTM D 1200 | Standard Test Method for Viscosity of Paints, Varnishes, and Lacquers by Ford Viscosity Cup | Apparatus, Temperature of Testing, Conditioning, and Procedure Sections | MIL-C-22750 |
| ASTM D 1210 | Standard Test Method for Fineness of Dispersion of Pigment - Vehicle Systems | Apparatus and Procedure Sections | MIL-C-22750 |
| ASTM D 3335 | Standard Test Method for Low Concentrations of Lead, Cadmium and Cobalt in Paint By Atomic Absorption Spectroscopy | Apparatus, Reagents, Calibration, Standardization, Procedure and Calculation Sections | MIL-C-22750 |
| ASTM D 2244 | Standard Method for Instrumental Evaluation of Color Differences of Opaque Materials | Apparatus, Calibration Standards, Calibrations, Test Specimens, Procedures and Calculations Sections | MIL-C-25750 |
| ASTM D 523 | Standard Test Method for Specular Gloss | Apparatus, Reference Standards and Procedures Sections | MIL-C-22750 |
| ASTM D 1849 | Standard Test Method for Package Stability of Paint | Apparatus and Procedure Sections | MIL-C-22750 |
| ASTM E 971 | Standard Test Method for Directional Reflectance Factor, 45°, 0°, of Opaque Specimens By Broad-Band Filter Reflectometry | Apparatus, Standards, Preparation of Test Specimen, Procedure and Calculation Sections | MIL-C-22750 |
| ASTM D 1296 | Standard Test Method for Odor of Volatile Solvents and Diluents | Procedures Section | MIL-C-22750 |

The remaining third tier references; tiered to MIL-C-7179, are for guidance and information.

1 Required only when Type II of MIL-C-22750 is used.

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|---------------------------------|--|---|----------------------------|
| <u>Fourth Tier</u> | | | |
| FED-STD-141 | Paint, Varnish, Lacquer And Related Materials: Methods Of Inspection, Sampling and Testing | Methods 6101, 4250 | FED-STD-595 |
| ASTM D 836 Replaces VV-B-231 | Specification for Industrial Grade Benzene | Properties and Test Sections | FED-STD-141 |
| O-M-232 | Methanol (Methyl Alcohol) | Requirements and Quality Assurance | FED-STD-141 |
| O-A-51 | Acetone, Technical | Requirements And Quality Assurance | FED-STD-141 |
| TT-T-548 | Toluene, Technical | Requirements and Quality Assurance | FED-STD-141 |
| O-E-751 | Ether, Petroleum: Technical Grade | Requirements and Quality Assurance | FED-STD-141 |
| TT-T-291 | Diamyl Phthalate: Plasticizer (for use in Organic Coatings) | Grade I Requirements and Quality Assurance | FED-STD-141 |
| ASTM D 869 | Standard Method of Evaluating Degree of Settling of Paint | Procedure to Eliminate Caking and Settling | FED-STD-141 |
| ASTM D 1193 | Standard Specification for Reagent Water | Procedure to Determine Paint Condition | ASTM D 1849 |
| ASTM E 145 | Standard Specification for Gravity - Convection and Forced-Ventilation Ovens | Requirements and Test Sections for Type II | ASTM D 2369 ASTM D 3335 |
| | | Performance Requirement Sections for Type IIA or Type IIB | ASTM D 2369 |

TABLE I. Required documents and corresponding applicability data--Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|---|---|--|----------------|
| ASTM D 343 (discontinued) | Standard Specification for 2-Ethoxyethyl Acetate (95% Grade) | Properties and Test Sections | ASTM D 2369 |
| ASTM D 362 | Standard Specification for Industrial Grade Toluene | Properties and Test Sections | ASTM D 2369 |
| ASTM E 1 | Standard Specification for ASTM Thermometers | Requirements for Types 17C or 17F | ASTM D 1200 |
| ASTM D 823 | Standard Methods of Producing Films of Uniform Thickness of Paint, Varnish, and Related Products on Test Panels | Method of Application Method C Procedure | ASTM E 97 |
| The remaining fourth tier references, tiered to MIL-F-7179, are for guidance and information. | | | |
| <u>Fifth Tier</u> | | | |
| All fifth tier references, tiered to MIL-F-7179, are for guidance and information. | | | |
| <u>First Tier (2 of 9 documents)</u> | | | |
| MIL-P-7788 | Panels, Information, Integrally Illuminated | Finish Requirements; Including Surface Coating, Colors Marking, Contrast of Finishes and Gloss | MIL-C-8779 |
| <u>Second Tier</u> | | | |
| MIL-M-18012 | Marking for Aircrew Station Displays, Design and Configuration | Marking for Control Panels | MIL-P-7788 |
| ASTM D 523 | Test Method for Specular Gloss | Test Procedure | MIL-P-7788 |
| The remaining second tier references, tiered to MIL-P-7788, are for guidance and information. | | | |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|--------------------------------------|--|---|----------------|
| <u>Third Tier</u> | | | |
| MS33558 | Numerals and Letters Aircraft Instrument Dial Standard Form of | Letter Designs | MIL-M-18012 |
| | The remaining third tier references, tiered to MIL-P-7788, are for guidance and information. | | |
| <u>Fourth and Fifth Tiers</u> | | | |
| | All fourth and fifth tier references, tiered to MIL-P-7788, are for guidance and information. | | |
| <u>First Tier (3 of 9 documents)</u> | | | |
| MIL-M-18012 | Marking for Aircrew Station Designs and Configuration of | General and Detailed Requirements for Control Panels Regarding Finishing and Color of Legend | MIL-C-8779 |
| <u>Second Tier</u> | | | |
| FED-STD-595 | Colors | Color Numbers 36231, 37038, 37875, 33538 | MIL-M-18012 |
| MS33558 | Numerals and Letters, Aircraft Instrument Dial, Standard Form of | Letter Designs | MIL-M-18012 |
| | The remaining second tier references, tiered to MIL-M-18012, are for guidance and information. | | |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|--------------------------------------|--|---|----------------|
| <u>Third Tier</u> | | | |
| FED-STD-141 | Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing | Methods 6101 and 4250 | FED-STD-595 |
| | The remaining third tier references, tiered to MIL-M-18012, are for guidance and information. | | |
| <u>Fourth and Fifth Tiers</u> | | | |
| | All fourth and fifth tier references, tiered to MIL-M-18012, are for guidance and information. | | |
| <u>First Tier (4 of 9 Documents)</u> | | | |
| MIL-F-18264 | Finishes: Organic Weapons System, Application and Control of | Coating Material Requirements (Table I is for Information) | MIL-C-8779 |
| <u>Second Tier</u> | | | |
| MIL-F-7179 | Finishes, Coatings, and Sealants for the Protection of Aerospace Weapons Systems | Material Requirements, General Protective Finish Requirements and Tables I and II | MIL-F-18264 |
| | The remaining second tier references, tiered to MIL-F-18264, are for guidance and information. | | |
| <u>Third Tier</u> | | | |
| MIL-P-23377 | Primer Coatings: Epoxy Polyamide, Chemical and Solvent Resistant | Any QPL Item | MIL-F-7179 |
| MIL-P-52192 | Primer Coating, Epoxy | Any QPL Item | MIL-F-7179 |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|---|--|--|----------------|
| MIL-P-85582 | Primer Coatings: Epoxy VOC Compliant, Chemical and Solvent Resistant | Any QPL Item | MIL-F-7179 |
| MIL-C-22750 | Coating, Epoxy Polyamide | Requirements and Quality Assurance | MIL-F-7179 |
| MIL-C-46168 | Coating, Aliphatic, Polyurethane, Chemical Agent Resistant | Any QPL Item | MIL-F-7179 |
| MIL-C-83286 | Coating Urethane, Aliphatic Isocyanate, for Aerospace Applications | Any QPL Item | MIL-F-7179 |
| MIL-C-85285 | Coating: Polyurethane, High Solids | Any QPL Item | MIL-F-7179 |
| The remaining third tier references, tiered to MIL-F-18264, are for guidance and information. | | | |
| <u>Fourth Tier</u> | | | |
| MIL-T-81772 | Thinner, Aircraft Coating | Requirements and Quality Assurance | MIL-C-22750. |
| FED-STD-595 | Colors | Gloss Color Number: 17925 Semigloss Color Numbers: 21136, 22203, 22544 23434, 23522, 24424, 25102, 25183, 25550, 26555, 27875, 28913 Lusterless Color Numbers: 30099, 30215, 30219, 30266, 30277, 30318, 32246, 32544, 33522, | MIL-C-22750 |

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AMENDMENT 1TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|------------------|--|--|----------------|
| FED-STD-141 | Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing | 34092, 34226, 34424, 34554, 35053, 35102, 35183, 35190, 35250, 35550, 36081, 36160, 36231, 36440, 36555, 37038, 37773, 37778, 37855, 37885 | MIL-C-22750 |
| ASTM D 2369 | Standard Test Method for Volatile Content of Coatings | Methods 4021, 3011, 4061, 7360, 6221 and 6304 | MIL-C-22750 |
| ASTM D 1200 | Standard Test Method for Viscosity of Paints, Varnishes, and Lacquers by Ford Viscosity Cup | Apparatus, Reagents, Procedure and Calculations Sections | MIL-C-22750 |
| ASTM D 1210 | Standard Test Method for Fineness of Dispersion of Pigment - Vehicle Systems | Apparatus, Temperature of Testing, Conditioning, and Procedure Sections | MIL-C-22750 |
| ASTM D 3335 | Standard Test Method for Low Concentrations of Lead, Cadmium and Cobalt in Paint by Atomic Absorption Spectroscopy | Apparatus and Procedure Section | MIL-C-22750 |
| ASTM D 2244 | Standard Method for Instrumental Evaluation of Color Differences of Opaque Materials | Apparatus, Reagents, Calibration, Standardization, Procedure and Calculation Sections | MIL-C-22750 |
| | | Apparatus, Calibration Standards, Calibrations, Test Specimens, Procedures and Calculations Sections | MIL-C-22750 |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|--|--|--|----------------|
| ASTM D 523 | Standard Test Method for Specular Gloss | Apparatus, Reference Standards and Procedures Sections | MIL-C-22750 |
| ASTM D 1849 | Standard Test Method for Package Stability of Paint | Apparatus and Procedure Sections | MIL-C-22750 |
| ASTM E 971 | Standard Test Method for Directional Reflectance Factor, 45°, 0°, of Opaque Specimens by Broad-Band Filter Reflectometry | Apparatus, Standards, Preparation of Test Specimen, Procedure and Calculation Sections | MIL-C-22750 |
| ASTM D 1296 | Standard Test Method for Odor of Volatile Solvents and Diluents | Procedures Section | MIL-C-22750 |
| The remaining fourth tier references, tiered to MIL-F-18264, are for guidance and information. | | | |
| <u>Fifth Tier</u> | | | |
| FED-STD-141 | Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing | Methods 6101, 4250 | FED-STD-595 |
| ASTM D 836 Replaces VV-B-231 | Standard Specification for Industrial Grade Benzene | Properties and Test Sections | FED-STD-141 |
| O-M-232 | Methanol (Methyl Alcohol) | Requirements and Quality Assurance | FED-STD-141 |
| O-A-51 | Acetone, Technical | Requirements and Quality Assurance | FED-STD-141 |
| TT-T-548 | Toluene, Technical | Requirements and Quality Assurance | FED-STD-141 |

1 Required only when Type II of MIL-C-22750 is used.

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|------------------------------|---|---|----------------------------|
| O-E-751 | Ether, Petroleum: Technical Grade | Requirements and Quality Assurance | FED-STD-141 |
| TT-T-291 | Diamyl Phthalate: Plasticizer (for Use In Organic Coatings) | Grade I Requirements and Quality Assurance | FED-STD-141 |
| ASTM D 869 | Standard Method of Evaluating Degree of Settling of Paint | Procedure To Eliminate Caking and Settling | FED-STD-141 |
| ASTM D 1193 | Standard Specification for Reagent Water | Procedure to Determine Paint Condition | ASTM D 1849 |
| ASTM E 145 | Standard Specification for Gravity - Convection and Forced - Ventilation Ovens | Requirements and Tests Section for Type II | ASTM D 2369 ASTM D 3335 |
| ASTM D 343 (Discontinued) | Standard Specification for 2 - Ethoxyethyl Acetate (95% Grade) | Performance Requirement Sections for Type II A or Type II B | ASTM D 2369 |
| ASTM D 362 | Standard Specification for Industrial Grade Toluene Standard Specification for | Properties and Test Sections | ASTM D 2369 |
| ASTM E 1 | ASTM Thermometers | Requirements for Type 17C or 17F | ASTM D 1200 |
| ASTM D 823 | Standard Methods of Producing Films of Uniform Thickness of Paint, Varnish, and Related Products On Test Panels | Method of Application Method C Procedure | ASTM E 97 |

The remaining fifth tier references, tiered to MIL-F-18264, are for guidance and information.

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|---|---|---|----------------|
| <u>First Tier (5 of 9 documents)</u> | | | |
| MIL-C-21318 | Cloth, Bedford; Cord | All Requirements and Quality Conformance Inspection | MIL-C-8779 |
| <u>Second Tier</u> | | | |
| FED-STD-4 | Glossary of Fabric Imperfections | Section III and Figure 2 | MIL-C-21318 |
| FED-STD-191 | Textile Test Methods | Test Methods: 1533, 5050, 5041, 5100, 5134, 5903, 5552, 5614, 5660, and 2811 | MIL-C-21318 |
| The remaining second tier references, tiered to MIL-C-21318, are for guidance and information. | | | |
| <u>Third through Fifth Tiers</u> | | | |
| All third through fifth tier references, tiered to MIL-C-21318, are for guidance and information. | | | |
| <u>First Tier (6 of 9 documents)</u> | | | |
| MIL-F-22735 | Film, Elastomeric, Fluorescent, for Weapons Systems | Requirements and Quality Conformance Tests for Fluorescent Red-Orange (Color No. 28913) | MIL-C-8779 |
| <u>Second Tier</u> | | | |
| FED-STD-595 | Colors | Color No. 28913 | MIL-F-22735 |
| TT-T-291 | Thinner, Paint, Mineral Spirits, Regular and Odorless | Requirements for Thinner | MIL-F-22735 |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|---------------------------------|--|---|----------------|
| ASTM D 846 Replaces TT-X-916 | Standard Specification for 10° Xylene | Xylene Requirements | MIL-F-22735 |
| QQ-A-250/5 | Aluminum Alloy Alclad 2024, Plate and Sheet | Aluminum Requirements | MIL-F-22735 |
| MIL-A-8625 | Anodic Coatings, for Aluminum and Aluminum Alloys | Methods of Anodizing | MIL-F-22735 |
| MIL-P-23377 | Primer Coating, Epoxy Polyamide, Chemical and Solvent Resistant | Any QPL Item | MIL-F-22735 |
| MIL-C-83286 | Coating, Urethane, Aliphatic Isocyanate, for Aerospace Applications | Any QPL Item | MIL-F-22735 |
| MIL-C-81706 | Chemical Conversion Materials for Coating Aluminum & Aluminum Alloys | Any QPL Item | MIL-F-22735 |
| MIL-C-5541 | Chemical Conversion Coatings On Aluminum and Aluminum Alloys | Coatings Conforming To Requirements | MIL-F-22735 |
| FED-STD-141 | Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing | Methods 6051 and 6304 | MIL-F-22735 |
| ASTM D 1308 | Effect of Household Chemicals On Clear and Pigmented Organic Finishes, Test for | Water Resistance and Fuel Resistance Procedures | MIL-F-22735 |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|---|--|--|----------------|
| ASTM D 2244 | Color Differences of Opaque Materials, Instrumental Evaluation of | Test procedures and Calculations | MIL-F-22735 |
| ASTM D 523 | Specular Gloss, Test for | Test Procedures | MIL-F-22735 |
| ASTM S 1006 | Exterior Exposure Tests of Paints On Wood, Recommended Practice for Conducting | Exposure Procedure | MIL-F-22735 |
| The remaining second tier references, tiered to MIL-F-22735, are for guidance and information. | | | |
| <u>Third through Fifth Tiers</u> | | | |
| All third through fifth tier references, tiered to MIL-F-22735, are for guidance and information. | | | |
| <u>First Tier (7 of 9 Documents)</u> | | | |
| MIL-M-25047 | Markings and Exterior Finish Colors for Airplanes, Airplane Parts and Missiles (Ballistic Missiles Excluded) | Color Requirements of Escape Hatches Color No. 13538 and Color No. 33438 | MIL-C-8779 |
| <u>Second Tier</u> | | | |
| FED-STD-595 | Colors | Color No. 13538 and 33438 | MIL-M-25047 |
| The remaining second tier references, tiered to MIL-M-25047, are for guidance and information. | | | |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|--------------------------------------|---|---|----------------|
| <u>Third Tier</u> | | | |
| FED-STD-141 | | Methods 6101, and 4250 | FED-STD-595 |
| | The remaining third tier references, tiered to MIL-M-25047, are for guidance and information. | | |
| <u>Fourth and Fifth Tiers</u> | | | |
| | All fourth and fifth tier references, tiered to MIL-M-25047, are for guidance and information. | | |
| <u>First Tier (8 of 9 Documents)</u> | | | |
| MIL-C-46168 | Coating, Aliphatic, Polyurethane. Chemical Agent Resistant | Color Numbers: 37038, 36300, 34031, 35044, 31136, 37875, 33538, 37030, 30051, 34082, 35510, 33245, 33105, 34094, 37031, 36231, 34088, 33303, 33440 | MIL-C-8779 |
| | | Color and Spectral Reflectance, Specular Reflectance and Infrared Reflectance Require- ments and Quality Assurance | |
| <u>Second Tier</u> | | | |
| FED-STD-141 | Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing | Methods 6241, 6242 | MIL-C-46168 |

TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|--|--|---|-------------------------|
| ASTM E 308 | Standard Method for Computing The Colors of Objects by Using the CIE System | Procedure and Calculations Sections | MIL-C-46168 |
| ASTM E 167 | Standard Recommended Practice for Goniophotometry of Objects and Materials | Apparatus, Choice between Variations of Incidence and Viewing Angles, Procedure and Calculations Sections | MIL-C-46168 |
| The remaining second tier references, tiered to MIL-M-25047, are for guidance and information. | | | |
| <u>Third Tier</u> | | | |
| ASTM E 259 | Standard Recommended Practice for Preparation of Reference Standards | Preparation of Smoked or Pressed MgO or Pressed BaSO ₄ | FED-STD-141 |
| FED-STD-141 | Paint, Varnish, Lacquer and Related Materials: Methods of Inspection, Sampling and Testing | Method 6241 - Standard Calibration Section | FED-STD-141 Method 6242 |
| The remaining third tier references, tiered to MIL-M-25047, are for guidance and information. | | | |
| <u>Fourth and Fifth Tiers</u> | | | |
| All fourth and fifth tier references, tiered to MIL-M-25047, are for guidance and information. | | | |

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AMENDMENT 1TABLE I. Required documents and corresponding applicability data-Continued.

| DOCUMENT NUMBER: | DOCUMENT TITLE: | APPLICABILITY: | REFERENCED BY: |
|--------------------------------------|---|--|----------------|
| <u>First Tier (9 of 9 documents)</u> | | | |
| FED-STD-595 | Colors | Gloss Color Number:-17925 Semigloss Color Numbers: 21136, 22203, 22544, 23434, 23522, 24424, 25102, 25183, 25550, 26555, 27875, 28913, Lusterless Color Numbers: 30099, 30215, 30219, 30266, 30277, 30318, 32246, 32544, 33522, 34092, 34226, 34424, 34554, 35053, 35102, 35183, 35190, 35250, 35550, 36081, 36160, 36231, 36440, 36555, 37038, 37773, 37778, 37855, 37885 | MIL-C-8779 |
| <u>Second Tier</u> | | | |
| FED-STD-141 | | Methods 6101, 4250 | FED-STD-595 |
| | The remaining second tier references, tiered to FED-STD-595, are for guidance and information. | | |
| <u>Third through Fifth Tiers</u> | | | |
| | All third through fifth tier references, tiered to FED-STD-595, are for guidance and information. | | |

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AMENDMENT 1

Custodians:
Army - AV
Navy - AS

Preparing activity:
Navy - AS

(Project Number 15GP-0083)