

NAVAIR 01-1A-509-4 TM 1-1500-344-23-4

TECHNICAL MANUAL

CLEANING AND CORROSION CONTROL

VOLUME IV CONSUMABLE MATERIALS AND EQUIPMENT FOR AIRCRAFT AND AVIONICS

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LIST OF TECHNICAL PUBLICATIONS DEFICIENCY REPORTS INCORPORATED

Report Control Number (RCN)	Location	Report Control Number (RCN)	Location
NADEP Jacksonville 65886 2002 0533	Pg A-1	NADEP Jacksonville 65886 2002 0536 65886 2002 0534 65886 2002 0535	Pg B-6 Pg B-7 Pg B-7
NATEC Det New Orleans 30338 2001 N011	Pg A-4	65886 2002 0537 65886 2002 0538 65886 2002 0539	Pg B-7 Pg B-7 Pg B-7
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SEACONRON TWO ONE 09739 2003 0015	Pg B-4	PATRON NINE 09644 2002 0028	Pg B-9
		NATEC 31225 2002 0032	Pg B-10

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CHAPTER 1 INTRODUCTION

This volume was prepared under the technical cognizance of the Materials Engineering Division, NAVAIR North Island, San Diego, California.

1-1. GENERAL. Consumable materials and equipment listed in this volume shall be used for corrosion control. These materials and equipment have been approved only after extensive testing to prove their ability to perform properly and effectively without damaging any of the metallic or nonmetallic materials used in aircraft or avionics. Only those materials listed in this manual shall be used for cleaning or corrosion control. Materials listed in other manuals shall be used only when required procedures are not covered by this manual. When approved materials are not available, substitutions shall only be made by the appropriate Aircraft Controlling Custodians (ACC) or System Program Manager (SPM).

1-2. PURPOSE. The purpose of this manual is to provide ordering information for consumable materials and equipment used to prevent, control, and repair corrosion damage to aircraft and avionics.

1-3. SCOPE. The material in this manual contains basic corrosion prevention and corrective maintenance information to be used at Organizational, Intermediate, and Depot levels.

1-4. ARRANGEMENT OF MANUAL.

1-4-1. A complete set of manuals to perform aircraft cleaning and corrosion control functions consists of Volumes I, II, and IV. A complete set of manuals to perform avionics and electronics cleaning and corrosion control functions consists of Volumes I, III, and IV (Navy and Army).

1-4.2. Arrangement of Volume IV. Volume IV consists of four chapters, arranged as shown in Table 1-1.

1-5. RELATED PUBLICATIONS. None.

Table 1-1. Outline of Volume IV

CHAPTER	TITLE	BRIEF DESCRIPTION
1	Introduction	This chapter presents the scope and layout of this volume.
2	Consumable Materials for Corrosion Control	This chapter provides information on the approved materials for cleaning, corrosion prevention, and corrosion control for aircraft and avionics.
3	Equipment for Corrosion Control	This chapter provides information on approved equipment used for cleaning, corrosion prevention, and corrosion control for aircraft and avionics.
4	Special Avionic Equipment	This chapter lists the requirements for special cleaning equipment used in an avionic corrosion control work center.

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CHAPTER 2

CONSUMABLE MATERIALS FOR CORROSION CONTROL

2-1. INTRODUCTION. The materials referenced in this chapter are approved for use, but approval should not be misconstrued as an endorsement of any manufacturer's product(s). If approved materials for an application/procedure are not available, contact your service representative for approved substitutes: Naval Air Depot North Island (Code 497), San Diego, CA (Navy), or the AMCOM Corrosion Program Office, U.S. Army Aviation Systems Command, Redstone Arsenal, Huntsville, AL (Army).

2-2. ARRANGEMENT OF CHAPTER. Chapter 2 lists consumable materials used for aircraft and avionics cleaning and corrosion control.

2-2.1. Materials are grouped by function in the following tables:

- a. Table 2-1. Abrasives.
- b. Table 2-2. Chemical Conversion Coating Materials.
- c. Table 2-3. Cleaning Compounds.
- d. Table 2-4. Cleaning Pads/Cloths.
- e. Table 2-5. Conformal Coatings.
- f. Table 2-6. Corrosion Preventive Compounds.
- g. Table 2-7. Lubricants.
- h. Table 2-8. Masking Materials.
- i. Table 2-9. Neutralizing Agents.
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- k. Table 2-11. Paint Removers.
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- n. Table 2-14. Paints - Topcoats.
- o. Table 2-15. Potting Compounds.
- p. Table 2-16. Sealants.
- q. Table 2-17. Solvents.
- r. Table 2-18. Tags/Forms.
- s. Table 2-19. Tapes.
- t. Table 2-20. Tracers/Indicators.

2-2.2. A description of the column headings and contents is given below.

- a. Nomenclature: the name of the material.

- b. Specification/Part Number: the military or industry specification and/or the commercial part number.

- c. National Stock Number: the national stock number of the material to be ordered.

- d. Unit of Issue: the type/size of the material container. Unit of issue abbreviations are shown below.

CODE	UNIT	CODE	UNIT	CODE	UNIT
BG	Bag	DZ	Dozen	OZ	Ounce
BO	Bolt	EA	Each	PG	Package
BT	Bottle	FT	Foot	PR	Pair
BX	Box	GL	Gallon	PT	Pint
CA	Cartridge	GR	Gross	QT	Quart
CB	Carboy	JR	Jar	RO	Roll
CN	Can	KT	Kit	SE	Set
CO	Container	LB	Pound	SH	Sheet
CS	Case	LG	Length	TU	Tube
DR	Drum	MX	Thousand	YD	Yard

- e. Intended Use: a short description of what the material is used for.

- f. Usable On: an "x" in this column indicates that the material has been approved for use on Aircraft (AC) and/or Avionics (AV). If a material does not have an "x", contact the cognizant engineering authority for the specific aircraft/part for authorization before use.

2-3. CONTAINER SIZE. Consumable materials of a particular specification are provided in various size containers. If the particular size container required is not available or listed, ask the supply department to provide the next size container under the same specification.

2-4. LOCAL PURCHASE. When open purchase is specified, include all procurement information, source of supply, and GSA contract number if available.

2-5. LOCAL REGULATIONS. Prior to the procurement/use of any specified products, comply with all local safety and environmental requirements, laws, and regulations.

Table 2-1. Abrasives

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Abrasive Mats, Aluminum Oxide, Non-woven, Non-metallic (9" x 11" sheets)	A-A-58054 (supersedes MIL-A-9962) Type I, Class 1 Grade A (Very Fine) Grade B (Fine) Grade C (Medium)	5350-00-967-5089 5350-00-967-5093 5350-00-967-5092	PG (10 SH) PG (10 SH) PG (10 SH)	Aluminum oxide impregnated nylon fiber webbing used for removing corrosion products and for paint scuffing prior to touching up and feathering edges.	X	X
Abrasive Paper, Aluminum Oxide, Non-waterproof (9" x 11" sheets)	A-A-1048 240 Grit 320 Grit	5350-00-829-3981 5350-01-075-9299	PG (50 SH) PG (50 SH)	Dry sanding of light to moderate corrosion products.	X	
Abrasive Paper, Silicon Carbide, Waterproof (9" x 11" sheets)	A-A-1047 (supersedes P-P-101) 240 Grit 320 Grit	5350-00-224-7205 5350-01-043-2278	PG (50 SH) PG (50 SH)	Wet or dry sanding of light to moderate corrosion products.	X	
Abrasive Paper, Silicon Carbide, Non-waterproof (9" x 12" sheets)	A-A-1047 (supersedes P-P-101) 240 Grit 320 Grit	5350-00-224-7208 5350-00-867-7665	PG (50 SH) PG (50 SH)	Dry sanding of light to moderate corrosion products.	X	
Abrasive Paper Discs, Pressure Sensitive Backing, Silicon Carbide (6" dia.)	A-A-2697 180 Grit 280 Grit	5345-01-074-9404 5345-01-074-9406	RO (250 EA) RO (250 EA)	Dry sanding of light to moderate corrosion products. For use with pneumatic drills or orbital sanders with a 6" diameter pad.	X	
Abrasive Cloth, Aluminum Oxide, Waterproof (9" x 11" sheets)	A-A-1048 (supersedes P-C-451) 240 Grit 320 Grit	5350-00-865-5948 5350-00-597-5798	PG (25 EA) PG (25 EA)	Wet or dry sanding of light to moderate corrosion products.	X	
Abrasive Cloth, Aluminum Oxide, Non-waterproof	A-A-1048 (supersedes P-C-451) 240 Grit (9" x 11" sheets) 240 Grit (3"x 150' roll) 320 Grit (9" x 11" sheets) 320 Grit (2"x 150' roll) 320 Grit (3"x 150' roll)	5350-00-161-9715 5350-00-229-3080 5350-00-246-0330 5350-00-187-6289 5350-00-229-3092	PG (50 EA) RO (50 YD) PG (50 EA) RO (50 YD) RO (50 YD)	Dry sanding of light to moderate corrosion products.	X	
Abrasive Cloth, Silicon Carbide, Non-waterproof (2" x 150' roll)	A-A-1200 (supersedes P-C-451) 240 Grit 320 Grit	5350-00-256-5162 5350-00-482-5585	RO (50 YD) RO (50 YD)	Dry sanding of light to moderate corrosion products.	X	
Aluminum Wool	A-A-1044 Type II Class 1 (Medium)	5350-00-286-4851	LB	Removing corrosion from aluminum surfaces.	X	

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Table 2-1. Abrasives (Cont.)

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Copper Wool	A-A-1044 Type I Class 3 (Fine)	5350-00-255-7736	LB	Removing corrosion from copper alloys, bronze, and brass surfaces.	X	
Steel Wool, Stainless	A-A-1043 Type IV Class 1 (Rolls)	5350-00-440-5035	LB	Removing corrosion from stainless steel surfaces. It is not effective at removing paint. Not to be used prior to fluorescent penetrant inspection.	X	
Glass Bead Media, Cleaning and Peening	MIL-G-9954 Size 13	5350-00-576-9634	BG (50 LB)	Glass bead blasting media use for removing corrosion from aluminum surfaces. The equivalent industry specification is AMS 2431/6, size AGB-6.	X	X
Plastic Bead Media (20/30 mesh in size)	MIL-P-85891 Type V (Acrylic)	5350-01-326-9261 5350-01-326-9262	BG (50 LB) DR (250 LB)	Plastic blasting media use for removing paint from aluminum surfaces. It is not effective at removing corrosion. NOTE: Not authorized for use prior to fluorescent penetrant inspection (FPI) on aluminum or magnesium.	X	
Pumice Abrasive, Powder	SS-P-821	5350-00-161-9033	LB	Removing stains or corrosion on thin metal surfaces.	X	
Abrasive Cloth	ANSI-B74.18			Removal of heavy corrosive products from steel, iron, aluminum and magnesium structures, mountings, racks, chassis, covers, scuff sanding of avionics boxes prior to painting. CAUTION: do not use Silicon Carbide Abrasive Cloth.		X
Abrasives Paper, Aluminum Oxide, Screen-Type (Brown)	P/N: 830-DMS240HV	5345-01-521-4926	PK (250)	Use with Clayton Sanders (refer to Table 3-2) 240 grit abrasive disks for 3" sander.	X	
	P/N: 830-DMS320HV	5345-01-521-6602	PK (250)	320 grit abrasive disks for 3" sander.		
	P/N: 860-DMS240HV	5345-01-521-4548	PK (250)	240 grit abrasive disks for 6" sander.		
	P/N: 860-DMS320HV	5345-01-521-4541	PK (250)	320 grit abrasive disks for 6" sander.		
	P/N: 834-DMS240HV	5345-01-521-4536	PK (250)	240 grit abrasive sheets for 3" x 4" sander.		
	P/N: 834-DMS320HV	5345-01-521-4537	PK (250)	320 grit abrasive sheets for 3" x 4" sander.		
	P/N: 837-DMS240HV	1HS099-LL-H61-2752	PK (250)	240 grit abrasive sheets for 3 2/3" x 7" sander.		
	P/N: 837-DMS320HV	5345-01-521-4929	PK (250)	320 grit abrasive sheets for 3 2/3" x 7" sander.		
	P/N: 828-G240HV	1HS0000-LL-CQA-8308	PK (250)	240 grit abrasive sheets for 3" x 3 1/4" triangular sander.		
	P/N: 828-G320HV	1HS0000-LL-CQA-8309	PK (250)	320 grit abrasive sheets for 3" x 3 1/4" triangular sander.		

Table 2-2. Chemical Conversion Coating Materials

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Touch-N-Prep (TNP) Pen	Alodine 1132™	8030-01-460-0246	CS (12 EA)	The pens provide a clean and easy-to-use method for applying chemical conversion coatings per MIL-DTL-81706 Type I Class 1A & Class 3. Ideal for touching-up small surface areas.	X	X
Chemical Conversion Coating for Aluminum and Its Alloys	MIL-DTL-81706 Class 1A Form III (ready to use premixed liquid)	8030-00-142-9272 8030-00-065-0957 8030-00-823-8039 8030-01-429-9504	PT QT GL DR (55 GL)	Treatment of clean, bare aluminum to impart a protective oxide coating. Class 1A coatings provide maximum protection against corrosion when left unpainted and superior adhesion when paint systems are applied.	X	X
	Form II (powder)	8030-00-926-9131 8030-00-720-9739 8030-00-663-9847	CO (5 LB) CN (12 LB) DR (175 LB)	Powder form has an indefinite shelf life until mixed with deionized (DI) water.		
	Form I (concentrated liquid)	8030-01-043-7644	CN (5 GL)			
	MIL-DTL-81706 Class 3 Form III (ready to use premixed liquid)	8030-01-451-0284	GL	Treatment of clean, bare aluminum to impart a protective oxide coating. Class 3 coatings are intended for use as a corrosion preventive film for electrical and electronic applications where lower resistance contacts are required.		
	Form II (powder)	8030-01-330-2504	CN (10 LB)			
Chemical Conversion Coating for Aluminum and Its Alloys (non-ferricyanide catalyzed)	MIL-DTL-81706 Class 1A & 3 Form II (powder)	8030-00-811-3723	BT (2 LB)	Non-ferricyanide conversion coating for the treatment of clean, bare aluminum to impart a chromate oxide coating.	X	X
	Alodine 600	8030-01-018-2838	CO (10 LB)			
	Turcoat Alumigold	8030-01-341-8609	CB (60 LB)			
Chemical Conversion Coating for Magnesium and Its Alloys, Brush-on (Dow #19 process)	AMS-M-3171 Type VI (chromic acid brush-on treatment)	8030-01-512-2416	CS (12 KTs)	Prepaint surface treatment material for magnesium alloys that provides corrosion protection and improved paint adhesion.	X	X
Chromium Trioxide, Technical (Chromic Acid)	A-A-55827	6810-00-264-6517	CN (5 LB)	One of two chemicals used to prepare a magnesium conversion coating solution (AMS-M-3171 Type VI).	X	X
Calcium Sulfate, Technical	O-D-210	6810-00-242-4066	CN (1 LB)	One of two chemicals used to prepare a magnesium conversion coating solution (AMS-M-3171 Type VI).	X	X

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Table 2-3. Cleaning Compounds

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Cleaning Compound: Aircraft, Exterior	MIL-PRF-85570					
	Type I (General purpose, solvent based)	6850-01-237-7482 6850-01-237-8003 6850-01-237-8004	CN (5 GAL) DR (15 GAL) DR (55 GAL)	Cleaning of painted and unpainted aircraft surfaces. Check for regulatory compliance before using Type I because it contains aromatic solvents.	X	
	Type II (General purpose, non-solvent based)	6850-01-239-0571 6850-01-235-0872 6850-01-248-9828 6850-01-236-0128	GL (1 GAL) CN (5 GAL) DR (15 GAL) DR (55 GAL)	Cleaning of painted and unpainted aircraft surfaces. Water based formula may be used on both high gloss and camouflage paint systems.	X	X
	Type III (Gloss paint cleaner with plastic beads)	6850-01-232-9164	CN (5 GAL)	Abrasive spot cleaner for high gloss paint surfaces where Type II is not effective. Cleans exhaust track & engine and gun blast soils.	X	
	Type IV (Flat paint cleaner with non-abrasive rubber particulate)	6850-01-235-0873 6850-01-248-9829 6850-01-248-9830	CN (5 GAL) DR (15 GAL) DR (55 GAL)	Use on low gloss tactical paint scheme coatings to remove stubborn contaminants such as boot marks and smudges as well as gun blast and exhaust tack soil.	X	
	Type V (Gel-type cleaner)	6850-01-234-0219 6850-01-248-9831 6850-01-235-7458	CN (5 GAL) DR (15 GAL) DR (55 GAL)	Cleaning of wheel wells, wing butts, and other areas where complete rinsing with water can be tolerated. Thixotropic cleaner clings to vertical or overhead surfaces.	X	
Cleaning Compound: Engine Gas Path Cleaner	MIL-PRF-85704			Removal of accumulated salt, dirt, & oily residues from the gas path.	X	
	Type I (Solvent concentrate)	6850-00-181-7594 6850-00-181-7597	CN (5 GL) DR (55 GL)	Solvent conc. for cleaning compressor section of gas engines with the engine off-line (starter cranked).		
	Type II (Aqueous concentrate)	6850-01-372-8303 6850-01-372-8304	CN (5 GL) DR (55 GL)	Aqueous concentrate for cleaning compressor section of gas engines with the engine off-line (starter cranked).		
	Type II RTU (Ready-To- Use aqueous cleaner)	6850-01-370-5245 6850-01-370-5244	CN (5 GL) DR (55 GL)	Ready-to-use aqueous cleaner for cleaning gas engines with the engine off-line (starter cranked).		
	Type III (Aqueous concentrate)	6850-01-433-6436 6850-01-433-6438	CN (5 GL) DR (55 GL)	Aqueous concentrate for on-line (fired) cleaning of gas engines IAW applicable engine maintenance instructions.		
	Type III RTU (Ready-To- Use aqueous cleaner)	6850-01-472-1845 6850-01-472-1846	CN (5 GL) DR (55 GL)	Ready-to-use aqueous cleaner for on-line (fired) cleaning of gas engines in accordance with applicable engine maintenance instructions.		
Cleaning Compound: Parts, Washers and Spray Cabinets	AMS-C-29602 (supersedes MIL-C-29602)			Detergent for use in parts washers and spray cabinets to clean aviation weapons systems, engine, and support equipment components. Removes grease, oil, and dirt present on disassembled components.	X	
	Type I (Liquid concentrate)	6850-01-431-2269 6850-01-431-2267 6850-01-431-2268	GL (1 GAL) CN (5 GAL) DR (55 GAL)			
	Type II (Powder concentrate)	6850-01-053-2789 6850-01-431-9025 6850-01-431-9024	LB (1 LB) CO (50 LB) DR (400 LB)			

Table 2-3. Cleaning Compounds (Cont.)

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Deicing/Anti-Icing Fluid, Aircraft	AMS 1424 (supersedes MIL-A-8243) Type I (Propylene Glycol based)	6850-01-435-6471 6850-01-435-6468 6850-01-435-6465 6850-01-449-9469	GL CN (5 GL) DR (55 GL) CO (275 GL Tote)	Fluid is generally used heated, either diluted with water, or as supplied, for the removal of, and for time-limited protection against, deposits of frost, ice, and snow on exterior aircraft surfaces prior to take-off.	X	
Cleaning Compound, Optical Lens (Ready to Use)	A-A-59199 (supersedes MIL-C-43454) Type I (20% alcohol) Type II (57% alcohol)	6850-00-392-9751 6850-00-227-1887 6850-00-188-9875	BT (2 OZ) QT QT	Cleaning exposed optical surfaces.	X	
Disinfectant, General Purpose, Phenolic Type, Concentrate	O-D-1435 Liquid Powder (8 oz. pouches)	6840-00-530-7109 6840-00-753-4797	BX (4, 1 GAL COs) BX (12 EA)	Treatment of relief tube areas.	X	
Detergent: Liquid (Nonionic), General Purpose, Concentrate for Fresh or Sea Water	MIL-D-16791 Type I (Water soluble) Type II (Oil soluble)	7930-00-282-9699 7930-00-985-6911 7930-00-282-9700 7930-00-531-9715 7930-00-531-9716	GL (1 GAL) CN (5 GAL) DR (55 GAL) GL (1 GAL) CN (5 GAL)	Type I when dissolved in either fresh water or sea water will remove grease, oil, and dirt from a wide variety of surfaces. Type II when dissolved in kerosene, diesel fuel, high flash coal tar naphtha and similar hydrocarbon solvents will remove grease, oil sludge, some types of corrosion preventative compounds and other similar soils.	X	X
Detergent: External Removable Fuel Tank Cleaner	MIL-D-81956	6850-01-268-1754 6850-01-060-5921	CN (5 GL) DR (55 GL)	Use for removing traces of flammable solvents from aircraft external removable fuel tanks.	X	
Water Repellent: Window and Windshield, Glass and Plastic	MIL-W-6882	6850-00-139-5297	BT (8 OZ)	Anti-wetting film applied to exterior of glass or acrylic plastic windows and windshields to assure good visibility under rain conditions.	X	

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Table 2-3. Cleaning Compounds (Cont.)

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Metal Polish, Aluminum	A-A-59318 (supersedes MIL-P-6888) Type I (Liquid)	7930-00-266-7131 7930-00-267-1224	QT GL	Polishing unpainted aluminum aircraft surfaces. The abrasive quality of the polish enables it to remove tarnish and produce a high lasting shine. The polish shall not be used on aluminum aircraft surfaces that are to be painted.	X	
	Type II (Paste)	7930-00-734-4010	QT			
Plastic Polish	P-P-560 Type I (Liquid)	7930-00-634-5340 7930-00-935-3794	PT BX (24 EA)	Cleaning and polishing of plastic materials to remove light scratches, and surface prep for application of an anti-static film which will prevent the electrostatic attraction of dust, lint, ash, etc. to the acrylic plastic.	X	
Erasers, Rubber	A-A-132 (supersedes ZZ-E-661) Rectangular with beveled ends	7510-00-949-5055	DZ (12 EA)	Removal of light tarnish or corrosion from electrical connectors and avionics components.	X	X
Cleaning and Cleaning-Lubricating Compounds, Electrical Contact, Low ODP	MIL-PRF-29608 Type I Class L	6850-01-394-9514	BX (12 OZ aerosol)	Used for the cleaning of electrical contacts and switches. It is intended for the removal of aircraft avionics soils, salt, dielectric fluid and hydraulic fluid. Class C is used for cleaning electrical contacts.		X
	Class C Type II Class L Class C	6850-01-412-5579 6850-01-453-5703 6850-01-453-5690	BX CN (12 OZ can) CN (12 OZ can)			

Table 2-4. Cleaning Pads/Cloths

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Face Respirator Cleaning Wipe (towelettes)	3M No. 504	Open Purchase	CS (500)	Hygienic cleaning of respirators and other personal protective gear/equipment (alcohol-free formula).	X	
Sponge, Aircraft Cleaning (synthetic plastic)	A-A-2073 (supersedes L-S-626) Type I, Style B Small Large	7920-00-633-9908 7920-00-633-9915	EA EA	Absorbent sponge for washing and straining.	X	
Cleaning and Scouring Pad, Non-metallic (for aircraft)	A-A-3100 (supersedes MIL-C-83957) Type I (3/8" thick) Type II (1" thick)	7920-00-151-6120 7920-00-171-1534	PG (10 SH) PG (10 SH)	Non-woven, non-metallic, non-abrasive, polyester cleaning and polishing pads (12"L x 6"W) for use on aluminum aircraft surfaces. Replacement pads for aircraft wash kit (Table 3-1)	X	X
Leather Chamois (Natural)	KK-C-300 Grade B, Class 2	8330-00-823-7545	PG (5)	Absorbent towel for washing, polishing, and straining water and other impurities.	X	
Cheesecloth (100% Cotton)	A-A-1491 (supersedes CCC-C-440) Type I (Grade No. 90) Type II (Grade No. 50) Type III (Grade No. 10)	8305-00-262-3321 8305-00-205-3495 8305-00-205-3496 8305-01-125-0725	BO (36" x 50 YD) BO (36" x 100 YD) PG (36" x 10 YD) PG (36" x 5 YD)	Cleaning and polishing surfaces, and for straining paint. For general cleaning on external surfaces of avionic equipment.	X	X
Cloth: Non-woven Wiping Cloths	A-A-162 (supersedes CCC-C-46) Type I (Untreated) Class 1 (Light duty) Class 2 (Heavy duty) Type II (Treated)	7920-00-292-9204 7920-00-401-8034 7920-00-782-3779	MX (1000 EA) HD (100 EA) HD (100 CS)	General cleaning applications (e.g. wiping up grease and liquid spills). Treated with oil for soil pick-up (not for use with water).	X	
Cloth: Flannel, Cotton	A-A-50129 (supersedes CCC-C-458)	8305-00-913-5817	BO (50 YD)	Cleaning and polishing of plastic surfaces such as canopies, windscreens, cockpit indicator glass covers, plastic and acrylic control panels.	X	X
Cloth: Cleaning, Low-Lint (White)	A-A-59323 (supersedes MIL-C-85043) Type I (Clean room use) Type II (General use)	7920-00-165-7195 7920-00-044-9281	BX (10 LB) BX (10 LB)	Cleaning of hydraulic components and fluid systems. Do not use these cloths with flammable solvents; such use may result in a fire.	X	X
Lint-Free Cloth	MIL-C-24671 Type I Class A Class B Class C Type II Class A Class B Class C	7920-01-335-5068 7920-01-498-8072 7920-01-335-5069 7920-01-498-8068 7920-01-498-8082 7920-01-408-5474 7920-01-335-5070 7920-01-498-8060 7920-01-336-3470 7920-01-498-8076 7920-01-498-8074 7920-01-498-8080	PG PG PG PG PG (6 x 6) PG PG PG PG PG (6 x 6) PG (12 x 13)	Cleaning of avionic and electronic equipment when lint cannot be tolerated.		X
Pipe Cleaner	P/N: 840507	9920-00-292-9946	BX (1344 EA)	Cleaning small orifices and crevices.	X	X

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Table 2-5. Conformal Coatings

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Silicone Adhesive-Sealant, One-Part, Room Temperature Vulcanizing (RTV), Non-fuel Resistant, Non-corrosive (Synthetic rubber)	MIL-A-46146					X
	Type I (Paste)	COLOR				
		Clear	8040-01-394-3735	TU (3 OZ)		
		White	8040-01-331-7133	TU (3 OZ)		
		White	8040-00-118-2695	KT (3 OZ)		
		Gray	8040-00-145-0020	TU (3 OZ)		
		Red	8040-01-308-4963	TU (3 OZ)		
	Type II (Liquid, self-leveling)	Clear	8040-01-331-7127	TU (3 OZ)		
		Clear	8040-01-441-0671	KT (3 OZ)		
		Gray	8040-01-375-4805	TU (3 OZ)		
	Type III (High strength)	Clear	8040-00-117-8510	TU (3 OZ)		
		White	8040-01-157-9469	TU (3 OZ)		
		Gray	8040-01-450-6545	TU (3 OZ)		
		Gray	8040-01-275-5052	KT (3 OZ)		
		Red	8040-00-902-3871	KT (3 OZ)		
Varnish, Electrical Insulating	ASTM D3955	5970-00-285-0269 5970-00-285-0271 5970-00-832-6950	CN (5 Gal) GL (1 Gal) EA (16 oz aerosol can)	Moisture and fungus resistant varnish for electrical equipment and for clear coating on copper. For coating and patching of varnish coated circuit boards. Thinner: Thinner, Synthetic, Resin, Enamels, ASTM D263.		X

Table 2-6. Corrosion Preventive Compounds

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Corrosion Preventive Compound, Solvent Cutback, Cold Application	MIL-PRF-16173 Class II Grade 1 (Hard film, low VOC)	8030-01-396-5731 8030-01-396-5732 8030-01-347-0970 8030-01-396-5237	PT GL (1 GAL) CN (5 GAL) DR (55 GAL)	Long term protection of metal surfaces against corrosion with or without coverings (indoors or outdoors).	X	
	Class I Grade 2 (Soft film)	8030-00-118-0666 8030-01-149-1731 8030-00-244-1297 8030-00-244-1298 8030-00-244-1295	CN (11 OZ Aerosol) QT GL (1 GAL) CN (5 GAL) DR (55 GAL)	Thick, grease-like consistency for protecting metal surfaces against corrosion during rework or storage. Includes extended indoor protection of interior or exterior surfaces without the use of barrier materials. For outdoor protection, this material can only be used for a limited time where temperature is not extreme.	X	
	Class II Grade 4 (Transparent, non-tacky soft film, low VOC)	8030-01-396-5738 8030-01-396-5743 8030-01-347-0972 8030-01-396-5736	PT GL (1 GAL) CN (5 GAL) DR (55 GAL)	Thin, transparent, tack-free protective film for protection of metal surfaces against corrosion during indoor storage and limited outdoor preservation. Use on control cables, fasteners, bare metal areas, or anywhere temporary (30 days or less) protection is needed.	X	X
Corrosion Preventive Compound, Water Displacing, Clear (AMLGUARD)	MIL-DTL-85054 Type I (Self Pressurized Spray)	8030-01-066-3971 8030-01-347-0980	CN (12 OZ Aerosol) CN (14 OZ Aerosol)	Temporary repair of small paint damage areas from chips, scratches, or cracks. Intended for use on non-moving parts not requiring a lubricated surface, such as fasteners, seams, access panels, joints, unpainted metal, etc.	X	
	Type II (Bulk form)	8030-01-347-0983 8030-01-347-0981 8030-01-347-0982	BT (32 OZ Sprayer) QT (32 OZ. Can) CN (5 GAL)			
Corrosion Preventive Compound, Water Displacing, Ultra-Thin Film	MIL-C-81309 Type II Class 1 (Non pressurized)	8030-00-213-3279 8030-00-262-7358 8030-00-524-9487	GL (1 GAL) CN (5 GAL) DR (55 GAL)	Type II Water displacing CPC: may be applied by dipping, spraying, brushing or from pressurized containers. Suitable for use on any metal surface for indoor and short term outdoor protection where surfaces can be re-coated when required. NOTE: It should not be used around liquid oxygen fittings.	X	X
	Class 2 (Pressurized container)	8030-00-938-1947	CN (16 OZ Aerosol)			
	Type III Class 1 (Non pressurized) Class 2 (Pressurized container)	8030-01-347-0978 8030-00-546-8637	GL (1 GAL) CN (16 OZ Aerosol)	Type III Water displacing CPC for use on avionic equipment, electrical connector plugs, and contact points.		

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Table 2-6. Corrosion Preventive Compounds (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Lubricating Oil, General Purpose, Preservative (Water Displacing, Low Temperature)	MIL-PRF-32033 (supersedes VV-L-800)	9150-00-273-2389 9150-00-458-0075 9150-01-374-2021 9150-00-231-6689 9150-00-231-9045 9150-00-231-9062 9150-00-281-2060	CN (4 OZ) CN (16 OZ Aerosol) PT (16 OZ Sprayer) QT GL (1 GAL) CN (5 GAL) DR (55 GAL)	The oil can be applied by dipping, brushing, or spraying for lubricating and short term protection of parts against corrosion.	X	X
Lubricant, Cleaner, and Preservative for Weapons and Weapons Systems (CLP)	MIL-PRF-63460	9150-01-079-6124 9150-01-054-6453 9150-01-327-9631 9150-01-053-6688	BT (4 OZ Squeeze) PT (16 OZ Sprayer) QT (32 OZ Sprayer) GL (1 GAL)	Lubrication and short term preservation of aircraft hinges, and small and large caliber weapons. NOTE: Do not use MIL-PRF-63460 on rubber or other elastomeric materials. Use only in areas from which solvents can evaporate. Do not use as a direct substitute for MIL-PRF-32033.	X	X
Corrosion Preventive Compound, Petroleum, Hot Application	MIL-C-11796 Class 1 (Hard film compound) Class 1A (Hard film, non-slick) Class 3 (Soft film compound)	8030-00-231-2354 8030-00-597-3288 8030-00-231-2352 8030-00-823-8054 8030-00-514-1843 8030-00-598-5915 8030-00-231-2353 8030-00-285-1570	CN (5 LB) CN (35 LB) DR (400 LB) CN (35 LB) DR (400 LB) PT CN (5 LB) CN (35 LB)	Preservation of interior surfaces of structural aluminum alloy tubing assemblies.	X	
Linseed Oil, Boiled	ASTM D260 (supersedes A-A-371)	8010-00-244-8961 8010-00-814-3057 8010-00-152-3245 8010-00-684-8789 8010-00-242-6114	PT QT GL CN (5 GAL) DR (55 GAL)	Preservation of interior surfaces of structural carbon steel tubing assemblies.	X	
Lubricants, Water Displacing, Synthetic with Corrosion Inhibitor	MIL-L-87177 Type I Grade B	6850-01-328-3617	CN (16 OZ Aerosol)	Lubrication and preservation of aircraft hinges and jackscrews. Corrosion protection of components with moving parts requiring minimal lubrication. Not as water-displacing or penetrating as MIL-C-81309 or MIL-PRF-32033.	X	

Table 2-7. Lubricants

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Grease: Aircraft, General Purpose, Wide Temperature Range (-65° F to 350° F)	MIL-PRF-81322 Grade 1	9150-01-378-0744 9150-01-378-0559 9150-01-378-0693	TU (8 OZ) CN (1.75 LB) CN (6.5 LB)	Lubricating aircraft arresting gear sheave spacers and other equipment that operate under high contact loads and high sliding speeds.	X	
	Grade 2	9150-00-181-7724 9150-01-262-3358 9150-00-944-8953	TU (8 OZ) CA (14 OZ) CN (1.75 LB)	Lubricating aircraft wheel bearings and internal brake wheel assemblies, anti- friction bearings, gearboxes, and plain bearings.		
Grease: Aircraft and Instrument, Gear and Actuator Screw, Low Temperature Range (-100° F to 250° F)	MIL-PRF-23827	9150-00-985-7244 9150-00-985-7245 9150-00-935-4017 9150-00-985-7246 9150-00-985-7247 9150-00-985-7248	TU (4 OZ) TU (8 OZ) CA (14 OZ) CN (1.75 LB) CN (6.5 LB) CN (35 LB)	Lubricant and gelling agent for use in ball, roller and needle bearings, gears and on sliding and rolling surfaces of such equipment as instruments, cameras, electronic gear and aircraft control systems that are subject to extreme marine and low temperature conditions. It can be used for rolling and sliding surfaces of equipment having low motivating power (low torque equipment). Also intended for general use on aircraft gears, actuator screws, and other equipment requiring a lubricant with high load carrying capacity.	X	
Grease: Plug Valve, Gasoline, Oil, and Water Resistant	AMS-G-6032 (formerly MIL-G-6032) Type I (Bulk)	9150-00-190-0926 9150-00-257-5360	CN (8 OZ) CN (1.75 LB)	Lubrication of tapered plug valves. The two types provide for the use in high pressure lubrication equipment or for servicing those valves which require a stick type lubricant. Also may be used as a gasket lubricant or seal and for general plug valve service in systems where gasoline, oil, alcohol, or water resistance is required.	X	
	Type II (Cylindrical sticks) Class A (1/4"D x 7/8"L) Class B (13/32"D x 1-3/8"L) Class C (35/64"D x 2"L) Class D (21/32"D x 2-7/16"L) Class G (55/64"D x 3-3/8"L)	9150-00-261-8287 9150-00-261-8289 9150-00-261-8290 9150-00-261-8291 9150-00-261-8292	BX (24 EA) BX (24 EA) BX (24 EA) BX (24 EA) BX (24 EA)			
Grease: Aircraft and Instrument, Fuel and Oxidizer Resistant	MIL-PRF-27617 Type I (-65° F to 300° F)	9150-01-007-4384 9150-01-311-9771	TU (8 OZ) CN (1.75 LB)	Lubrication of taper plug valves, gaskets, and bearings in fuel systems of aircraft and ground support equipment. Also suitable for use in liquid oxygen systems as a lubricant for valves, threads, and bearings in aerospace vehicles and supporting equipment. May not be suitable for aluminum and magnesium dynamic bearing lubrication because of possible ignition hazards. Type III is more commonly known as "Krytox" and is liquid oxygen (LOX) compatible.	X	
	Type III (-30° F to 400° F)	9150-00-961-8995 9150-01-358-5154	TU (8 OZ) CN (1 LB)			
Hydraulic Fluid, Fire Resistant, Synthetic Hydrocarbon Base	MIL-PRF-83282	9150-00-149-7431 9150-00-149-7432 9150-00-281-6191 9150-01-009-7709 9150-00-180-6290	QT GL (1 GAL) CN (5 GAL) DR (10 GAL) DR (55 GAL)	May be used as a cleaner on steel surfaces. Contains additives to provide anti-wear characteristics and inhibit oxidation and corrosion. Use for wiping struts and surfaces of hydraulic components.	X	
Petrolatum, Technical	VV-P-236	9150-01-444-1171 9150-00-250-0926 9150-00-250-0933	TU (8 OZ) CN (1.75 LB) CN (7.5 LB)	Light lubricating grease that can be used as a release agent for sealant applications.	X	

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Table 2-7. Lubricants (Cont.)

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Grease: Molybdenum Disulfide, Low and High Temperatures, Oxidation and Water Resistant (-100° F to 250° F)	MIL-G-21164	9150-00-935-4018 9150-00-754-2595 9150-00-223-4004 9150-00-965-2003 9150-01-219-1629	CA (14 OZ) CN (1.75 LB) CN (6.5 LB) CN (35 LB) DR (44 LB)	Lubricant for accessory splines, heavy loaded sliding steel surfaces, or for anti-friction bearings carrying high loads and operating through wide temperature ranges where molybdenum disulfide will prevent or delay seizure in the event of inadequate lubrication. Should not be used for wheel bearings or for other than steel surfaces without authorization.	X	
Grease: Pneumatic System, for Cutting, Lubricating, and Hydraulic	AMS-G-4343 (formerly MIL-G-4343)	9150-00-119-9291 9150-00-269-8255	TU (2 OZ) CN (1.75 LB)	Lubricant between rubber and metal parts of pneumatic systems. It may also be used for pressurized cabin bulkhead grommets and other mechanisms requiring rubber to metal lubrication.	X	
Grease: Aircraft, Helicopter Oscillating Bearing (-65° F to 160° F)	MIL-G-25537	9150-00-478-0055 9150-00-616-9020 9150-00-721-8570 9150-00-721-8581	CA (14 OZ) CN (1.75 LB) CN (6.5 LB) CN (35 LB)	Lubrication of bearings having oscillatory motion of small amplitude.	X	
Grease: Aircraft, Ball and Roller Bearing (-100° F to 450° F)	MIL-G-25013	9150-00-823-8048 9150-00-935-4019 9150-01-234-5866 9150-00-141-6770 9150-00-141-6771	TU (8 OZ) CA (14 OZ) CN (1 LB) CN (1.75 LB) CN (35 LB)	Ball and roller bearing lubrication. It may be used on aircraft actuators, gear boxes, and similar equipment where authorized by applicable maintenance manual.	X	
Lubricant: Molybdenum Disulfide and Silicone Oil based	DOD-L-25681	9150-00-543-7220	LB (1 LB)	Lubricant for use on slow-speed sliding surfaces subject to high temperatures in aircraft gas turbine engines and as an antiseize compound on threaded parts.	X	
Lubricant: Solid Film, Heat-Cured, Corrosion Inhibiting	MIL-L-46010 Type I Type II Type III Color 1 (Natural) Color 2 (Black)	9150-00-834-5608 9150-00-985-7255 9150-00-948-6912 9150-00-948-7025 9150-01-416-9506 9150-01-416-9509	PT GL QT GL GL GL	Lubricant for use to reduce wear and prevent galling, corrosion, and seizure of metals. Ideal for sliding motion applications such as plain and spherical bearings, flap tracks, hinges, thread, and cam surfaces. It is also useful where a solvent-resistant coating is required, and where long-term corrosion protection is needed under static conditions. Before using Type III in lieu of Types I and II, engineering authorization is needed.	X	
Lubricant: Solid Film, Air-Cured, Corrosion Inhibiting	MIL-L-23398 Type I (Bulk) Type II (Aerosol)	9150-00-954-7422 9150-01-260-2534	CN (1 QT) CN (16 OZ Aerosol)	Lubricant can be applied by dipping, brushing, or spraying for use on steel, titanium, or aluminum bearing surfaces where moderate wear life and corrosion protection is desired. It is suitable for sliding motion applications such as in plain spherical bearings, flap tracks, hinges and cam surfaces, especially where it is not feasible to use the type of solid film lubricant which requires baking at an elevated temperature.	X	X
Damping Fluid, Lubricant, Dimethyl Polysiloxane Silicone	VV-D-1078 Grade 100 CST Grade 100,000 CST	9150-00-269-8246 9150-00-404-3435 9150-00-292-9609	LB DR (55 GAL) LB	Lubricant for use on small switches and potentiometers where a residual lubricant is required after cleaning.		X

Table 2-8. Masking Materials

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Paint Masking Paper with adhesive back (Light brown in color)	Ready-Mask TM (3M No. 850DC)	Open Purchase Open Purchase Open Purchase	RO (2" x 180") RO (3" x 400") RO (3.25" x 75')	Paper masking tape with adhesive along one edge. Protects surfaces from paint splatters and overspray. Easy to apply and comes off cleanly with no adhesive transfer.	X	
Paper, Kraft, Untreated	A-A-203 Style 1 (Rolls) 50 lb weight 60 lb weight 70 lb weight 80 lb weight Style 1 (Sheets) 30 lb weight (850 sheets) 70 lb weight (200 sheets)	8135-01-337-5370 8135-01-160-7764 8135-00-160-7768 8135-00-160-7769 8135-00-160-7771 8135-00-160-7772 8135-00-160-7776 8135-00-160-7778 8135-00-290-3408 8135-00-290-5504	RO (3' x 200") RO (3' x 980") RO (3' x 820") RO (4' x 620") RO (3' x 700") RO (4' x 700") RO (3' x 615") RO (4' x 615") SH (2' x 3') SH (3' x 4')	Protection of surrounding areas during paint spray sealant application, or grit media blasting operations.	X	X
Plastic Sheet, Polyethylene, Heat Resistant, (1/8" thick)	MIL-PRF-5425	9330-00-202-1890 9330-00-292-9810	SH (36" x 48") SH (40" x 50")	Transparent polyethylene sheet used for wet tape adhesion testing (Appendix A) and protecting surrounding surfaces during paint spraying and sealant application.	X	

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Table 2-9. Neutralizing Agents

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Fire Extinguishing Agent, Aqueous Film Forming Foam (AFFF) Liquid Concentrate, for Fresh and Seawater	MIL-F-24385 Type 3 (Green) Type 6 (Blue)	4210-01-139-4972 4210-01-144-0291 4210-01-056-8343 4210-01-056-0883	CN (5 GAL) DR (55 GAL) CN (5 GAL) DR (55 GAL)	Concentrate for mechanical foam generating equipment such as fire-fighting trucks or foam sprinkler systems for extinguishing fires. Dilute and use the AFFF agent with fresh or sea water in the following proportion to achieve optimum performance: 3 part Type 3 conc. to 97 part water and 6 part Type 6 conc. to 94 part water. Current shipboard equipment requires Type 6.	X	
Ammonium Hydroxide, Technical (Aqua Ammonia)	A-A-59370 (supercedes O-A-451) Type I (30% by wt.)	6810-00-584-3793 6810-00-527-2476 6810-00-817-9929	PT QT GL	Neutralizing agent for acids in urine. Also used to assist in dissolving Bromothymol Blue reagent.	X	X
Sodium Bicarbonate, Technical (Baking Soda)	ASTM D928 (supercedes A-A-374)	6810-00-264-6618 6810-00-297-0092	BX (1 LB) BG (50 LB)	Neutralizing sulfuric acid electrolyte deposits from lead acid batteries.	X	X
Vinegar, White, Distilled	Z-V-401	8950-00-307-5585 8950-01-451-4135	GL CS (6, 1 GAL)	Neutralizing potassium hydroxide electrolyte deposits from nickel-cadmium batteries	X	
Sodium Phosphate, Monobasic, Anhydrous, Technical	ANSI/AWWA B504 (supercedes MIL-S-13727)	6810-00-281-1858	BG (100 LB)	Neutralizing potassium hydroxide electrolyte deposits from nickel-cadmium batteries.	X	X
Boric Acid	A-A-59282 (supersedes O-C-265)	6810-00-264-6535 6810-00-824-9090 6810-00-153-0191	BT (500 GM) CN (5 LB) BG (25 LB)	Neutralizing potassium hydroxide electrolyte deposits from nickel-cadmium batteries.	X	X

Table 2-10. Packaging/Protective Materials

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Barrier Material, Flexible, Greaseproof, Waterproof	MIL-PRF-121 Type I (Medium Duty)	8135-00-292-9719 8135-00-233-3871 8135-00-543-6574 8105-01-046-2875	RO (36" x 100 YD) RO (36" x 200 YD) RO (48" x 100 YD) RO (8" x 16" BG)	General purpose masking material used for protecting equipment and supplies during transportation and storage under all climate conditions.	X	
	Type II (Light Duty)	8135-00-224-8885 8135-00-543-6573	RO (36" x 200 YD) RO (72" x 200 YD)			
Cushioning Material, Resilient, Low Density, Unicellular Polypropylene	PPP-C-1797 Type 1 0.125" thick 450 ft x 72" 450ft x 24" 450 ft x 12 "	8135-01-013-1824 8135-00-129-9523 8135-00-300-4904	RO BD (3 rolls) BD	Lint-free, non-dusting, non-abrasive. For cushioning equipment, and protection against shock. Provides protection against moisture. Use in conjunction with Barrier Material water vapor proof, MIL-PRF-131. Seal with Pressure Sensitive Tape, SAE AMS-T- 22085.		X
	0.25" thick 225 ft x 30 " 225 ft x 24 " 225 ft x 12" 225 ft x 72" 225 ft x 72"	8135-00-300-4905 8135-00-601-9221 8135-00-601-9224 8135-01-008-8099 8135-01-286-6449	BD (3 rolls) BD (4 rolls) RO RO RO			
Cushioning Material, Plastic Open Cell	A-A-3129 (supercedes PPP-C-1842) 0.25" thick Style A, Type 3 500 ft x 24" 375 ft x 24" Type 1 Style B Class 1 Grade B 500 ft x 24" 500 ft x 6" 500 ft x 48" 500 ft x 12" Type 1 Style B Class 2 Grade B 375 ft x 12" 375 ft x 48" 375 ft x 6" 0.125" Thick Type 1 Style B Class 1 Grade B 625 ft x 48" 625 ft x 24" 625 ft x 12" 625 ft x 6"	8135-01-087-3599 8135-01-087-3602 8135-01-057-3603 8135-01-057-3605 8135-01-057-3607 8135-01-088-3849 8135-01-087-3603 8135-01-088-3850 8135-01-088-3851	BD (2 rolls) BD (2 rolls) BD BD RO BD (4 rolls) BD (4 rolls) BD BD (8 rolls)	Used for cushioning and wrapping equipment.		X
		8135-01-088-3845 8135-01-088-3846 8135-01-088-3847 8135-01-088-3848	BD BD (2 rolls) BD BD (8 rolls)			
Cushioning Material, Flexible, Closed Cell Plastic Film (Bubble Wrap)	PPP-C-795 0.5" thick 250 ft x 48" 250 ft x 24" 0.188" thick 500 ft x 12" 500 ft x 16" 500 ft x 24" 500 ft x 48" 45 ft x 48" 0.312" thick 375 ft x 24"	8135-00-142-9004 8135-00-926-8991 8135-00-142-9005 8135-00-142-9008 8135-00-142-9016 8135-00-142-9021 8135-01-061-2262 8135-01-050-7970	RO BD BD BD BD RO RO BD (2 rolls)	For cushioning equipment and protection against shock. Provides limited protection against moisture. Seal with Pressure Sensitive Tape, SAE AMS-T-22085.	X	X
Plastic Sheet and Strip, Clear, Polyolefin	A-A-3174 (supersedes L-P-378)	8135-01-066-3217	RO (6' x 100')	Protection of acrylic canopies during washing operations.	X	

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Table 2-10. Packaging/Protective Materials (Cont.)

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
ESD Fast Pack Container (Reusable Box With Cushioning)	PPP-B-1672 Type II Style D 6" x 5" x 2.5" 18" x 12" x 3.5" 18" x 12" x 2.5" 13" x 13" x 3.5" 10" x 10" x 3.5" 16" x 16" x 3.5" 24" x 16" x 3.5" 6" x 9" x 4.5"	8115-00-787-2142 8115-01-019-4084 8115-01-019-4085 8115-01-057-1243 8115-01-057-1244 8115-01-057-1245 8115-01-093-3730 8115-01-499-0898	EA EA EA EA EA EA EA EA	For storage/shipment of avionic/electronic equipment.		X
Polyethylene Foam	A-A-59135 Class A	8135-01-059-4636 8135-01-508-3702	RO(450 ft x 60", 0.125" thick) SH (0.188" thick)	For cushioning equipment and protection against shock on shelves, work benches, and pallets. Use double layers for heavy equipment.		X
Polyethylene Foam	A-A-59136 Type 1 Class 1 Grade B	8135-01-440-6560	SH (120" x 36", 0.5" thick)	For cushioning equipment and protection against shock on shelves, work benches, and pallets. Use double layers for heavy equipment.		X
Bags, Plastic (General Purpose)	MIL-DTL-81997	8105-01-205-0207 (8" x 12") 8105-01-197-2965 (12" x 12") 8105-01-197-2966 (10" x 10") 8105-01-197-7846 (10" x 12")	HD EA EA EA	For protection of avionic/electronic equipment.		X
Barrier Material, Flexible, Electrostatic Protective, Heat Sealable	MIL-PRF-81705 Type I 3' x 600' 3' x 150' Type II 48" x 48" 36" x 24"	8135-00-092-3220 8135-01-185-6816 8135-01-158-7786 8135-01-163-3486	RO RO EA (sheet) EA (sheet)	To provide ESD/EMI packaging protection for hardware and components. May be used for long or short term protection. Seal with heat seal.	X	X
Barrier Material, Water Vapor Proof, Greaseproof, Flexible, Heat Sealable	MIL-PRF-131 Class 1	8135-00-282-0565 8135-01-499-5302	RO (36" x 200 YD) RO (72" x 200 YD)	For protecting miniature and microminiature circuit components, laminated circuit boards, and critical avionic components, against moisture and contamination. Heat sealable, protects material during transportation and storage under all weather conditions. Use for aircraft preservation (sealing aircraft openings, protection of canopies).	X	X

Table 2-11. Paint Removers

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Remover, Paint, No Hazardous Air Pollutants (HAPs)	TT-R-2918 Type I Turco 6813E	8010-01-441-6143 8010-01-441-5950	CN (5 GAL) DR (55 GAL)	Ideal for use in localities where methylene chloride (e.g. MIL-R- 81294) based paint removers are restricted or prohibited. Requires a little longer dwell time to lift coatings from parts than MIL-R-81294.	X	
Remover, Paint, Epoxy, Polysulfide, and Polyurethane Systems	MIL-R-81294 Type I Class 1 (Phenolic)	8010-00-142-9273 8010-00-181-7568 8010-00-926-1488 8010-00-926-1489	PT (16 OZ) GL (1 GAL) CN (5 GAL) DR (55 GAL)	Removes aircraft paint coatings from metal surfaces. Methylene chloride, phenol, and sodium chromate based paint remover.	X	X
	Class 2 (Non-phenolic)	8010-01-261-6067	CN (5 GAL)	Use where phenolic paint removers are NOT allowed.		
Remover, Paint, Tank Type	MIL-PRF-83936	8010-01-374-4337	DR (55 GAL)	Use for immersion tank paint stripping at Intermediate and Depot level maintenance activities. Alternate for AMS-C-19853.	X	
Carbon Removing Compound, (For Use in Agitated Tank)	AMS-C-19853 (supercedes MIL-C-19853) Type I (Phenolic) Class 2	6850-00-543-7801 6850-00-550-7453	CN (5 GAL) DR (55 GAL)	Removes carbon and paint from engine components.	X	
	Type II (Non-phenolic) Class 2	6850-01-138-7551 6850-01-138-7550	CN (5 GAL) DR (55 GAL)	Use where phenolic paint removers are NOT allowed. NOTE: This paint remover is methylene chloride based.		

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Table 2-12. Paint Thinners

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Paint Thinner for Aircraft Coatings	MIL-T-81772 Type I (polyurethane thinner)	8010-00-181-8080 8010-00-181-8079 8010-00-280-1751	GL (1 GL) CN (5 GL) DR (55 GL)	Use to reduce aircraft paint coatings. Type I of this spec. can be used to prep aircraft surfaces prior to painting, but check with local environmental office for concurrence before using this material as a cleaner/degreaser. Do not use on polycarbonate or acrylic materials.	X	X
	Type II (epoxy thinner)	8010-01-200-2637 8010-01-212-1704 8010-01-168-0684	GL (1 GL) CN (5 GL) DR (55 GL)			
	Type III (acrylic and alkyd thinner)	8010-01-165-6760 8010-01-247-8880	CN (1 GL) DR (55 GL)			
Paint Thinner, Mineral Spirits	A-A-2904 (supercedes TT-T-291) Type III (Odorless)	8010-00-837-7969	GL (1 GL)	Use to reduce aircraft paint coatings. Check with local environmental office before using this material to thin paints because its use is limited by emission standards.	X	
Thinner	A-A-3007	8010-01-441-5938 8010-01-441-5940 8010-01-441-5941 8010-01-441-5942	QT GL (1 Gal) CN (5 Gal) DR (55 Gal)	Use for thinning varnish. CAUTION: Do not use in lacquers.		X
Thinner, Acrylic Nitrocellulose Lacquer	A-A-857	8010-00-160-5786 8010-00-165-5540 8010-00-160-5787 8010-00-160-5788 8010-00-160-5789	PT QT GL (1 Gal) CN (5 Gal) DR (55 Gal)	For thinning MIL-PRF-81352 lacquers, MIL- PRF-22750 epoxy topcoats, and MIL-PRF- 23377 primer.		X

Table 2-13. Paints - Primers

Nomenclature	Specifications/ Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Primer, Alkyd Base (Zinc Chromate), One Component (340 g/l VOC max.)	TT-P-1757 Type II Class C Color Y (Yellow) Color T (Green)	8010-00-297-0593 8010-00-899-8825	PT (16 OZ Aerosol) PT (16 OZ Aerosol)	Touch-up of interior aircraft surfaces.	X	
Primer, Polyurethane, Elastomeric (340 g/l VOC max.)	TT-P-2760 Type I (Yellow) Class C	8010-01-357-7868	KT (1 GAL)	Corrosion inhibited, flexible primer coating for polyurethane topcoats. For use on aircraft (e.g. leading edges) and other equipment (e.g. land gears) subjected to structural flexing at low temperature.	X	
Primer, Epoxy, High Solids (340 g/l VOC max.)	MIL-P-23377 Type I (Yellow) Class C	8010-01-441-6030 8010-01-387-1033 8010-01-387-1069 8010-01-316-2552 8010-01-416-6556 8010-01-416-6557 8010-01-441-5849 8010-01-495-8652 8010-01-528-4864	EA (SEMPEN) KT (2 OZ) KT (6 OZ) KT (1 PT) KT (4 PT) KT (1 GAL) KT (4 GAL) EA (2 OZ BT) CS (6 Aerosol CN)	Primer coating used with polyurethane topcoat MIL-PRF-85285 and epoxy topcoat MIL-PRF-22750. Use MIL-PRF-23377 Type II as a primer for exterior surfaces requiring tactical or camouflage (flat) paint finish systems. Type II may also be used as an alternate for Type I materials.	X	X
	Type II (Green) Class C	8010-01-441-6031 8010-01-439-0683 8010-01-437-8657 8010-01-417-1215 8010-01-312-1172 8010-01-495-8653	EA (SEMPEN) KT (3 OZ) KT (4 PT) KT (1 GAL) KT (2 GAL) EA (2 OZ BT)			
Primer, Epoxy, Waterborne (340 g/l VOC max.)	MIL-PRF-85582 Type I Class C1 (Barium) Interior (light green)	8010-01-472-4489 8010-01-441-6142 8010-01-218-0856 8010-01-218-7354 8010-01-496-0705	KT (1 PT) KT (1 QT *) KT (1 QT**) KT (2 GAL) EA (2 OZ BT)	Primer coating used with polyurethane topcoat MIL-PRF-85285 and epoxy topcoat MIL-PRF-22750. Use MIL-PRF-85582 Type II as a primer for exterior surfaces requiring tactical or camouflage (flat) paint finish systems. Type II may also be used as an alternate for Type I materials. NOTE: * after thinning with water (Dilute) ** before thinning with water (Concentrate)	X	X
	Type I Class C2 (Strontium)	8010-01-441-6032 8010-01-467-0160 8010-01-292-8894 8010-01-292-8893 8010-01-496-0695	EA (SEMPEN) KT (1 PT) KT (1 QT**) KT (2 GAL) EA (2 OZ BT)			
	Type I Class N	8010-01-466-9307	KT (2 GAL)			
	Type II Class C1 Exterior (dark green)	8010-01-441-6141 8010-01-218-0858 8010-01-218-0857 8010-01-496-0706	KT (1 QT *) KT (1 QT**) KT (2 GAL) EA (2 OZ BT)			
	Type II Class C2	8010-01-441-6033 8010-01-266-6576 8010-01-294-7782 8010-01-294-7781 8010-01-496-0698	EA (SEMPEN) KT (1 PT) KT (1 QT) KT (2 GAL) EA (2 OZ BT)			
	Type II Class N	8010-01-466-9313	KT (2 GAL)			

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Table 2-14. Paints - Topcoats

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Topcoat, Polyurethane, Aircraft Application (420 g/l VOC max.)	MIL-PRF-85285 Type I				X	X
	GLOSS Clear	COLOR -----	8010-01-441-6017	EA (SEMPEN)		
	Red	11136	8010-01-495-3820 8010-01-441-6018 8010-01-495-3820 8010-01-285-3032 8010-01-265-9154 8010-01-265-9139 8010-01-528-4840	EA (2 OZ BT) EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)		
	Orange, International	12197	8010-01-441-6019 8010-01-495-3823 8010-01-329-8711 8010-01-329-6301 8010-01-329-7263	EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL)		
	Orange-Yellow	13538	8010-01-441-6003 8010-01-495-3825 8010-01-285-3037 8010-01-285-3038 8010-01-265-9153	EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL)		
	Green	14187	8010-01-285-3039 8010-01-285-3040 8010-01-285-3041	KT (1 PT) KT (2 QT) KT (2 GAL)		
	Blue	15044	8010-01-441-6004 8010-01-495-3839 8010-01-329-6754 8010-01-329-6304 8010-01-329-8709 8010-01-528-4841	EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)		
	Blue	15050	8010-01-441-6005 8010-01-380-2440 8010-01-380-2336	EA (SEMPEN) KT (2 QT) KT (2 GAL)		
	Blue	15180	8010-01-285-3042 8010-01-285-3043 8010-01-285-3044	KT (1 PT) KT (2 QT) KT (2 GAL)		
	Gray, Engine	16081	8010-01-495-3853 8010-01-329-6753 8010-01-329-6302 8010-01-329-6303	EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL)		
	Gray	16251	8010-01-495-3854	EA (2 OZ BT)		
	Gray, Light	16440	8010-01-459-9699 8010-01-495-3855 8010-01-285-3045 8010-01-285-3046 8010-01-265-9142 8010-01-528-4842	EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)		
	Gray, Light	16473	8010-01-441-6020 8010-01-495-3856 8010-01-336-3033 8010-01-336-3032 8010-01-528-4844	EA (SEMPEN) EA (2 OZ BT) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)		
	Black	17038	8010-01-441-6026 8010-01-495-3860 8010-01-285-3047 8010-01-285-3048 8010-01-285-3033 8010-01-528-4847	EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)		
	White, Insignia	17875	8010-01-468-7513	KT (1 GAL)		
	White, Insignia	17925	8010-01-441-6029 8010-01-495-3863 8010-01-285-3034 8010-01-285-3035 8010-01-265-9143 8010-01-528-4848	EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)		

Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.		National Stock Number	Unit of Issue	Intended Use	Usable On	
						AC	AV
(Cont.)	MIL-PRF-85285 Type I (Cont.)					X	X
	SEMI GLOSS	COLOR					
	Green	24052	8010-01-441-6006 8010-01-327-9981 8010-01-305-5555 8010-01-528-4849	EA (SEMPEN) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)			
	Gray	26231	8010-01-441-6007 8010-01-285-7285 8010-01-285-2489	EA (SEMPEN) KT (2 QT) KT (2 GAL)			
	Gray	26250	8010-01-441-6035	EA (SEMPEN)			
	Gray	26251	8010-01-441-6034	EA (SEMPEN)			
	FLAT	COLOR					
	Red	31136	8010-01-441-6008 8010-01-380-1759 8010-01-378-6514	EA (SEMPEN) KT (2 QT) KT (2 GAL)			
	Orange-Yellow	33538	8010-01-441-6009 8010-01-380-1780	EA (SEMPEN) KT (2 QT)			
	Green, Field	34095	8010-01-285-2490 8010-01-285-7286 8010-01-265-9141	KT (2 PT) KT (2 QT) KT (2 GAL)			
	Green	34097	8010-01-285-2492 8010-01-285-2493	KT (2 QT) KT (2 GAL)			
	Blue	35044	8010-01-441-6010	EA (SEMPEN)			
	Blue-Gray	35237	8010-01-441-6011 8010-01-495-3920 8010-01-285-2494 8010-01-285-2495 8010-01-265-9140 8010-01-528-4850	EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)			
	Gray, Dark	36081	8010-01-495-3923 8010-01-397-3974 8010-01-397-3975	EA (2 OZ BT) KT (2 QT) KT (2 GAL)			
	Gray	36118	8010-01-441-6021 8010-01-495-3927 8010-01-305-5554 8010-01-305-5550 8010-01-305-5551 8010-01-528-4851	EA (SEMPEN) EA (2 OZ BT) KT (1 PT) KT (2 QT) KT (2 GAL) CS (6 Aerosol CN)			
	Gray	36173	8010-01-441-6022 8010-01-348-0385 8010-01-345-6535	EA (SEMPEN) KT (2 QT) KT (2 GAL)			
	Gray-Blue	36176	8010-01-441-6012 8010-01-368-7893 8010-01-315-5674	EA (SEMPEN) KT (2 QT) KT (2 GAL)			

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Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
(Cont.)	MIL-PRF-85285 Type I (Cont.)				X	X
	FLAT Gray, Medium	COLOR 36231	8010-01-441-6027 EA (SEMPEN) 8010-01-495-3931 EA (2 OZ BT) 8010-01-329-6756 KT (1 PT) 8010-01-329-6755 KT (2 QT) 8010-01-466-4323 KT (1 GAL) 8010-01-329-6752 KT (2 GAL)			
	Gray	36251	8010-01-441-6013 EA (SEMPEN) 8010-01-353-6551 KT (2 GAL)			
	Gray	36270	8010-01-441-6023 EA (SEMPEN) 8010-01-424-3651 KT (1 PT) 8010-01-293-3016 KT (2 QT) 8010-01-424-3648 KT (1 GAL) 8010-01-344-3218 KT (2 GAL)			
	Gray	36293	8010-01-441-6014 EA (SEMPEN) 8010-01-380-3284 KT (2 QT) 8010-01-380-3249 KT (2 GAL)			
	Gray, Medium	36320	8010-01-441-6024 EA (SEMPEN) 8010-01-495-3935 EA (2 OZ BT) 8010-01-285-3556 KT (1 PT) 8010-01-265-9144 KT (2 QT) 8010-01-265-9152 KT (2 GAL) 8010-01-528-4858 CS (6 Aerosol CN)			
	Gray, Medium	36375	8010-01-441-6025 EA (SEMPEN) 8010-01-495-3936 EA (2 OZ BT) 8010-01-285-7287 KT (1 PT) 8010-01-265-9145 KT (2 QT) 8010-01-265-9151 KT (2 GAL) 8010-01-528-4860 CS (6 Aerosol CN)			
	Gray, Light	36440	8010-01-495-3938 EA (2 OZ BT) 8010-01-285-3551 KT (1 PT) 8010-01-265-9138 KT (2 QT) 8010-01-466-4322 KT (1 GAL) 8010-01-265-9150 KT (2 GAL)			
	Gray, Aircraft	36495	8010-01-441-6015 EA (SEMPEN) 8010-01-495-3940 EA (2 OZ BT) 8010-01-285-3552 KT (1 PT) 8010-01-265-9137 KT (2 QT) 8010-01-265-9149 KT (2 GAL)			
	Black	37038	8010-01-441-6028 EA (SEMPEN) 8010-01-495-3946 EA (2 OZ BT) 8010-01-285-3553 KT (1 PT) 8010-01-397-3980 KT (2 QT) 8010-01-285-3554 KT (2 QT) 8010-01-285-3555 KT (2 GAL) 8010-01-397-3983 KT (2 GAL) 8010-01-528-4866 CS (6 Aerosol CN)	Gunship Deviation, Low IR Gunship Deviation, Low IR Gunship Deviation, Low IR		
	White, Insignia	37875	8010-01-441-6016 EA (SEMPEN)			
	White	37886	8010-01-459-9697 EA (SEMPEN)			
	White, Insignia	37925	8010-01-495-3952 EA (2 OZ BT)			

Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Self-Priming Topcoat (SPT), Polyurethane, Low Volatile Organic Compound (420 g/l VOC max.)	TT-P-2756			Use on aircraft surfaces in lieu of standard primer and topcoat paint systems. This coating may be used only when approved by the engineering authority for the surface or component requiring painting. This material shall not be used directly on load bearing steel (i.e., landing gear) or magnesium components.	X	
	GLOSS	COLOR				
	Red	11136	8010-01-354-0977 8010-01-353-3697			
			KT (2 QT) KT (2 GAL)			
	Orange, International	12197	8010-01-354-0982 8010-01-353-4953			
			KT (2 QT) KT (2 GAL)			
	Orange-Yellow	13538	8010-01-354-0976 8010-01-353-3696			
			KT (2 QT) KT (2 GAL)			
	Yellow	13655	8010-01-358-3426 8010-01-358-3427			
			KT (2 QT) KT (2 GAL)			
	Yellow	13670	8010-01-357-4754 8010-01-357-4755			
			KT (2 QT) KT (2 GAL)			
	Green	14052	8010-01-362-3200 8010-01-362-3201			
			KT (2 QT) KT (2 GAL)			
	Blue	15044	8010-01-354-0979 8010-01-353-4950			
			KT (2 QT) KT (2 GAL)			
	Blue	15045	8010-01-357-4752 8010-01-357-4753			
			KT (2 QT) KT (2 GAL)			
	Blue	15180	8010-01-354-0980 8010-01-353-4951			
			KT (2 QT) KT (2 GAL)			
	Blue	15200	8010-01-354-0971 8010-01-353-4948			
			KT (2 QT) KT (2 GAL)			
	Gray	16251	8010-01-358-3423 8010-01-358-4331			
			KT (2 QT) KT (2 GAL)			
	Gray, Light	16440	8010-01-354-0959 8010-01-340-7061			
			KT (2 QT) KT (2 GAL)			
	Gray	16473	8010-01-354-0967 8010-01-344-3220			
			KT (2 QT) KT (2 GAL)			
	Black	17038	8010-01-354-0981 8010-01-353-4952			
			KT (2 QT) KT (2 GAL)			
	White, Insignia	17925	8010-01-354-0966 8010-01-343-1395			
			KT (2 QT) KT (2 GAL)			
	SEMI GLOSS	COLOR				
	Green	24052	8010-01-354-0968 8010-01-344-3221			
			KT (2 QT) KT (2 GAL)			
	Gray	26231	8010-01-354-0972 8010-01-353-5756			
			KT (2 QT) KT (2 GAL)			

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Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.		National Stock Number	Unit of Issue	Intended Use	Usable On	
						AC	AV
(Cont.)	TT-P-2756 (Cont.)					X	
	FLAT	COLOR					
	Brown	30140	8010-01-376-3702 8010-01-376-3703	KT (2 QT) KT (2 GAL)			
	Brown	30219	8010-01-376-3708 8010-01-376-3709	KT (2 QT) KT (2 GAL)			
	Brown	30279	8010-01-376-3710 8010-01-376-3711	KT (2 QT) KT (2 GAL)			
	Tan	30318	8010-01-380-3239	KT (2 GAL)			
	Tan	30475	8010-01-376-3704 8010-01-376-3705	KT (2 QT) KT (2 GAL)			
	Tan	33613	8010-01-375-4554	KT (2 QT)			
	Green	34086	8010-01-354-0970 8010-01-345-6534	KT (2 QT) KT (2 GAL)			
	Green, Field	34095	8010-01-354-0962	KT (2 QT)			
	Green	34097	8010-01-354-0973 8010-01-353-3693	KT (2 QT) KT (2 GAL)			
	Gray	35164	8010-01-375-4560	KT (2 QT)			
	Blue	35109	8010-01-376-3706	KT (2 QT)			
	Blue	35190	8010-01-376-3700 8010-01-376-3701	KT (2 QT) KT (2 GAL)			
	Blue-Gray	35237	8010-01-354-0961 8010-01-340-8714	KT (2 QT) KT (2 GAL)			
	Blue	35450	8010-01-423-3635 8010-01-423-3638	KT (2 QT) KT (2 GAL)			
	Gray	36081	8010-01-354-0965 8010-01-341-0795	KT (2 QT) KT (2 GAL)			
	Gray	36118	8010-01-354-0969 8010-01-344-3222	KT (2 QT) KT (2 GAL)			
	Gray	36173	8010-01-354-0983 8010-01-353-4947	KT (2 QT) KT (2 GAL)			
	Gray	36231	8010-01-372-3960 8010-01-368-8515	KT (2 QT) KT (2 GAL)			
	Gray, Medium	36320	8010-01-354-0963 8010-01-340-8716	KT (2 QT) KT (2 GAL)			
	Gray, Medium	36375	8010-01-354-0964 8010-01-340-8717	KT (2 QT) KT (2 GAL)			
	Gray, Light	36440	8010-01-354-0974	KT (2 QT)			
	Gray, Aircraft	36495	8010-01-354-0975 8010-01-353-3695	KT (2 QT) KT (2 GAL)			
	Black	37038	8010-01-354-0960 8010-01-340-8713	KT (2 QT) KT (2 GAL)			

Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Topcoat, Epoxy, High-Solids (340 g/l VOC max.)	MIL-PRF-22750			Alternate topcoat for touch-up of polyurethane paint systems. Can be used as a topcoat for interior surfaces.	X	X
	GLOSS	COLOR				
	Clear	-----	8010-01-313-8702			
		-----	8010-01-419-1143			
		-----	8010-01-419-1141			
		-----	8010-01-313-8703			
	Brown	10049	8010-01-414-8450			
	Red, Insignia	11136	8010-01-441-5890			
			8010-01-419-1170			
			8010-01-313-7284			
	Orange, International	12197	8010-01-441-5892			
			8010-01-419-1160			
			8010-01-419-1158			
	Orange-Red	12199	8010-01-414-8448			
	Orange-Yellow	13538	8010-01-441-5895			
			8010-01-419-1169			
			8010-01-419-1156			
	Green	14062	8010-01-414-8451			
	Green, Olive Drab	14084	8010-01-414-8442			
	Green, Field	14097	8010-01-414-8449			
	Green	14187	8010-01-414-8420			
	Blue, Insignia	15044	8010-01-419-1168			
	Blue	15102	8010-01-441-5896			
			8010-01-414-8424			
	Blue, Light	15526	8010-01-414-8427			
	Gray, Engine	16081	8010-01-419-1167			
			8010-01-441-5898			
			8010-01-419-1166			
	Gray, Gull	16440	8010-01-441-5899			
			8010-01-419-1163			
	Gray, Light	16473	8010-01-414-8423			
	Black	17038	8010-01-441-5900			
			8010-01-419-1154			
			8010-01-419-1165			
	Magenta	17142	8010-01-414-8421			
	White	17875	8010-01-414-8439			
	White, Insignia	17925	8010-01-441-5905			
			8010-01-419-1153			
			8010-01-419-1164			
			8010-01-313-8701			
			8010-01-419-1159			
	SEMI GLOSS	COLOR				
	Green, Dark	24052	8010-01-414-8438			
	Green	24410	8010-01-414-8422			
	Gray, Seaplane	26081	8010-01-414-8440			
	Gray	26231	8010-01-414-8428			
	Gray	26307	8010-01-441-5916			
			8010-01-414-8429			
	Gray, Light	26492	8010-01-414-8445			

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Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
(Cont.)	MIL-PRF-22750 (cont.)				X	X
	FLAT	COLOR				
	Red, Insignia	31136	8010-01-414-8426	KT (2 QT)		
	Green, Dark	34064	8010-01-414-8437	KT (2 QT)		
	Green, Battle	34079	8010-01-414-8444	KT (2 GAL)		
	Green	34088	8010-01-419-1151	KT (4 QT)		
	Blue, Insignia	35044	8010-01-414-8431	KT (2 QT)		
	Blue	35190	8010-01-414-8436	KT (2 QT)		
	Gray-Blue	35237	8010-01-441-5920 8010-01-419-1145 8010-01-419-1157	KT (1 QT) KT (2 QT) KT (1 GAL)		
	Blue, Light	35450	8010-01-414-8433	KT (2 QT)		
	Gray, Dark	36081	8010-01-441-6080	KT (4 QT)		
	Gray	36099	8010-01-414-8434	KT (2 QT)		
	Gray	36231	8010-01-441-5921 8010-01-414-8446 8010-01-419-1150	KT (1 QT) KT (2 QT) KT (1 GAL)		
	Gray	36320	8010-01-441-5924 8010-01-419-1155 8010-01-419-1140	KT (1 QT) KT (2 QT) KT (1 GAL)		
	Gray	36375	8010-01-441-5930 8010-01-419-1152 8010-01-419-1146	KT (1 QT) KT (2 QT) KT (1 GAL)		
	Gray, Gull	36440	8010-01-414-8447	KT (4 QT)		
	Gray, Light	36495	8010-01-441-5931 8010-01-419-1149 8010-01-419-1144	KT (1 QT) KT (2 QT) KT (1 GAL)		
	Black	37038	8010-01-441-5932 8010-01-419-1142 8010-01-414-8443	KT (1 QT) KT (2 QT) KT (1 GAL)		
	Insignia White	37875	8010-01-414-8435	KT (2 QT)		
Topcoat, Aircraft Touch-Up (340 g/l VOC max.)	MIL-PRF-81352 Type I (Acrylic base)			One-component topcoat for general touch-up and temporary markings. In regulated VOC areas, use only coatings conforming to TT-P-2756, MIL-PRF-22750, or MIL-PRF-85285.	X	X
	GLOSS	COLOR				
	Clear	-----	8010-00-490-7651	CN (1 GAL)		
	Brown	10049	8010-00-935-7061	CN (1 QT)		
	Red	11105	8010-01-029-6349	CN (1 QT)		
	Red, Insignia	11136	8010-00-935-7064 8010-00-935-7063 8010-00-935-7062	CN (16 OZ Aerosol) CN (1 QT) CN (1 GAL)		
	Orange, International	12197	8010-00-935-7066 8010-00-935-7065	CN (1 QT) CN (1 GAL)		
	Orange-Yellow	13538	8010-00-935-7068 8010-00-935-7067	CN (1 QT) CN (1 GAL)		
	Green, Olive Drab	14084	8010-00-935-7069	CN (1 QT)		
	Green, Olive Drab	14097	8010-00-133-5901	CN (16 OZ Aerosol)		
	Green, Light	14187	8010-00-935-7071 8010-00-935-7070	CN (1 QT) CN (1 GAL)		

Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.		National Stock Number	Unit of Issue	Intended Use	Usable On	
						AC	AV
(Cont.)	MIL-PRF-81352 Type I (Cont.)					X	X
	GLOSS	COLOR					
	Blue, Dark	15044	8010-00-935-7072	CN (1 GAL)			
	Blue	15045	8010-00-490-7649	CN (1 GAL)			
	Blue	15102	8010-00-935-7073	CN (1 GAL)			
	Gray, Engine	16081	8010-00-935-7075	CN (16 OZ Aerosol)			
	Gray	16440	8010-00-181-7791 8010-01-088-0104	CN (16 OZ Aerosol) CN (1 QT)			
	Gray, Aircraft	16473	8010-00-935-7076	CN (1 GAL)			
	Black	17038	8010-00-935-7078 8010-00-935-7077	CN (1 QT) CN (1 GAL)			
	White, Insignia	17875	8010-00-935-6609 8010-00-935-6608	CN (16 OZ Aerosol) CN (1 GAL)			
	SEMI-GLOSS	COLOR					
	Gray	26373	8010-01-303-0237	CN (1 GAL)			
	Gray, Eggshell	26622	8010-01-466-1658	CN (16 OZ Aerosol)			
	Black	27038	8010-00-104-7711	CN (1 GAL)			
	White	27875	8010-00-104-7745	CN (1 GAL)			
	FLAT	COLOR					
	Brown	30219	8000-00-066-9440	CN (1 GAL)			
	Red	31136	8010-00-066-9431	CN (1 GAL)			
	Beige	33531	8010-01-306-6677	CN (1 GAL)			
	Orange-Yellow	33538	8010-01-157-2292	CN (1 GAL)			
	Green, Olive Drab	33070	8010-00-490-7650	CN (1 GAL)			
	Green, Olive Drab	34079	8010-00-068-8779	CN (1 GAL)			
	Green, Olive Drab	34088	8010-00-144-9998	CN (1 QT)			
	Green	34102	8010-00-068-8783	CN (1 GAL)			
	Blue, Insignia	35044	8010-00-066-9430	CN (1 GAL)			
	Gray-Blue	35237	8010-01-270-3636	CN (1 GAL)			
	Gray, Dark	36081	8010-01-270-3631	CN (1 GAL)			
	Gray, Dark	36118	8010-01-270-3632	CN (1 GAL)			
	Gray	36231	8010-01-124-5048 8010-01-150-9907	CN (16 OZ Aerosol) CN (1 GAL)			
	Gray, Light	36270	8010-01-270-3633	CN (1 GAL)			
	Gray, Gull	36440	8010-00-935-7085 8010-00-935-7060	CN (16 OZ Aerosol) CN (1 GAL)			
	Gray	36118	8010-01-270-3632	CN (1 GAL)			
	Gray	36320	8010-01-270-3634	CN (1 GAL)			
	Gray	36492	8010-01-270-3635	CN (1 GAL)			
	Gray	36622	8010-00-068-8786	CN (1 GAL)			
	White, Insignia	37875	8010-00-068-8778	CN (1 GAL)			
	White	37886	8010-01-303-0236	CN (1 GAL)			
	Black	37038	8010-00-935-7079 8010-00-830-1822	CN (16 OZ Aerosol) CN (1 GAL)			

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Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
(Cont.)	MIL-PRF-81352 Type III (Polyurethane base)			One component topcoat for small, spot paint system repairs.	X	X
	GLOSS	COLOR				
	Red	11136	8010-01-495-4140			
	Orange, International	12197	8010-01-495-4141			
	Orange-Yellow	13538	8010-01-495-4144			
	Blue, Insignia	15044	8010-01-495-4155			
	Gray, Dark	16081	8010-01-495-4163			
	Gray	16251	8010-01-495-4164			
	Gray, Light	16440	8010-01-495-4165			
	Gray, Light	16473	8010-01-495-4166			
	Black	17038	8010-01-495-4168			
	White, Insignia	17925	8010-01-495-4172			
	FLAT	COLOR				
	Blue-Gray	35237	8010-01-495-4226			
	Gray, Dark	36081	8010-01-495-4228			
	Gray, Dark	36118	8010-01-495-4234			
	Gray	36231	8010-01-495-4238			
	Gray, Medium	36320	8010-01-495-4244			
	Gray, Medium	36375	8010-01-495-4246			
	Gray, Light	36440	8010-01-495-4248			
	Gray, Aircraft	36495	8010-01-495-4249			
	Black	37038	8010-01-495-4252			
	White, Insignia	37925	8010-01-495-4257			

Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Topcoat, Elastomeric, Polyurethane, Rain-Erosion (420 g/l VOC max.)	MIL-C-85322			Application or repair of erosion resistant coatings for exterior aircraft structures (e.g. leading edges). Can be applied over primers conforming to TT-P-2760, MIL-PRF-23377, or MIL-PRF-85582.	X	
	FLAT Gray	COLOR 36375	8010-01-054-7224 8010-01-054-7228 8010-01-054-7225	KT (1 QT) 1 GAL) KT (5 GAL)		
	Black	37038	8010-01-054-7229	KT (1 QT)		
Walkway Coating, Non-Slip (420 g/l VOC max.)	A-A-59166 (supersedes MIL-W-5044) Type II (Rough Texture)			Brush application and repair of non-slip walkway coatings.	X	
	SEMI-GLOSS Blue-Green	COLOR 25414	8010-00-151-4903	GL		
	Gray	26270	8010-01-382-3709	GL		
	FLAT Green, Olive Drab	COLOR 34088	8010-00-141-7838	GL		
	Gray, Dark	36081	8010-00-599-9201	GL		
	Gray, Dark Gull	36231	8010-00-641-0426	GL		
	Gray	36251	8010-01-280-5130	GL		
	Gray, Light Gull	36440	8010-00-141-7842	GL		
	Black	37038	8010-00-142-6525 8010-00-641-0427	QT GL		
	White, Insignia	37925	8010-01-499-0443	QT		
Coating, Aluminum Paint, Heat Resistant (1200° F)	TT-P-28 Gray (Color # 17178)	8010-00-664-7468 8010-00-815-2692 8010-00-857-1938	QT GL CN (5 GAL)	Used on areas where temperatures exceed 350° F. VOC exceeds 420 g/l.	X	
Erosion Resistant Conductive Coating, Polyurethane (Black)	P/N: 8-B-6 (LAMINAR X-500)	8010-00-908-0362	KT	Used on composite surfaces to provide electrical continuity and erosion resistance. Kit consist of 1 quart of base resin and 1/2 pint of catalyst. VOC exceeds 420 g/l.	X	

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Table 2-14. Paints - Topcoats (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Coating, Aliphatic Polyurethane, Chemical Agent Resistant (Army only)	MIL-C-46168 Type II Color			Standard topcoat for Army avionic and electronic equipment.		X
	#36300, Gray	8010-01-144-9882	1 QT			
	#36300 Gray	8010-01-127-8908	1 GAL			
	#36300, Gray	8010-01-144-9876	4 GAL			
	#36231, Gray	8010-01-170-7583	1 QT			
	#36231, Gray	8010-01-146-2649	1 GAL			
	#36231, Gray	8010-01-170-0132	4 GAL			
	#37875 White	8010-01-144-9883	1 QT			
	#37875, White	8010-01-144-9872	1 GAL			
	#37875, White	8010-01-144-9877	4 GAL			
	#34031, Green	8010-01-141-2420	1 QT			
	#34031, Green	8010-01-131-6255	1 GAL			
	#34031, Green	8010-01-131-6262	4 GAL			
	#37038, Black	8010-01-144-9885	1 QT			
	#37038, Black	8010-01-146-2646	1 GAL			
	#37038, Black	8010-01-144-9879	4 GAL			
	#37031, Black	8010-01-144-9886	1 QT			
	#37031, Black	8010-01-146-2647	1 GAL			
	#37031, Black	8010-01-146-4376	4 GAL			
	Type IV					
	#36300, Gray	8010-01-451-1060	1 GAL			
	#36231, Gray	8010-01-451-1062	1 GAL			
	#37875, White	8010-01-446-8962	1 GAL			
	#34031, Green	8010-01-316-2221	1 QT			
	#34031, Green	8010-01-316-2219	1 GAL			
	#37038, Black	8010-01-340-5175	1 QT			
	#37038, Black	8010-01-340-7060	1 GAL			
	#37038, Black	8010-01-340-5176	4 GAL			
	Touch Up					
	#37038, Black, 2-oz aerosol touch-up kits	8010-01-510-7172	KT (6 ea)			
	#37038, Black, 10cc markers	8010-01-519-6934	KT (6 ea)			

Table 2-15. Potting Compounds

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Molding And Potting Compound, Electrical Insulating	MIL-M-24041 Category A Type I	8030-00-862-5159	KT (1 Qt)	Protection of electrical connectors from moisture, contamination, and aircraft fluids.		X
	Type II	5970-01-327-6282 5970-01-382-2409	KT 1(2 oz) KT (12 oz. frozen)			
	Category B Type I Clear	5970-01-158-6537	KT (1 pint)			
	Black	5970-01-276-0966	KT (1 pint)			
	Black	5970-01-462-0165	KT (2 kits)			
	Type II Amber/Black Clear	5970-01-037-5044 5970-01-328-4893	CA (2.5 oz cartridge) CA (6 oz cartridge)			
Adhesive-Sealant, Silicone, RTV, Non-Corrosive, Non-fuel Resistant, Non-corrosive	MIL-A-46146 Gray (Dow 3145)	8040-00-145-0020 8040-00-938-1535	TU (3 oz) KT (includes primer)	3145 RTV: For use on sensitive metals and avionic equipment. Sealing areas where temperature is expected to be between 250° F (121° C) and 350° C (177° C).		X
	Clear (Dow 3145)	5970-01-082-9138	CA (10.3 oz cartridge)	3140 RTV: For coating and patching RTV coated circuit boards and components. NOTE: use in applications where a flowable material is required such as potting connectors.		

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Table 2-16. Sealants

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Sealing and Coating Compound, Corrosion Inhibitive, Polysulfide Rubber	MIL-PRF-81733			Used for sealing faying surfaces and wet installation of fasteners on permanent structures. It is also the preferred sealant for form in-place (FIP) seals on doors, removable panels, and sealing gaps and seams. Do not use on inside integral fuel tanks.	X	X
	Type I (Brush or dip application)					
	I-1/2	8030-00-008-7207	KT (12 OZ, Two-Part)			
		8030-00-009-5022	KT (24 OZ, Two-Part)			
		8030-01-372-2984	OZ (2.5 OZ, Frozen)			
		8030-01-372-2985	OZ (6 OZ, Frozen)			
	I-2	8030-00-008-7196	KT (12 OZ, Two-Part)			
		8030-00-762-8807	KT (24 OZ, Two-Part)			
		8030-01-363-6501	OZ (6 OZ, Frozen)			
		8030-01-361-1814	CA (6 OZ, SEMKIT)			
	Type II (Gun or spatula application)					
	II-1/2	8030-00-008-7198	KT (12 OZ, Two-Part)			
		8030-00-470-9154	KT (24 OZ, Two-Part)			
		8030-01-387-0244	OZ (2.5 OZ, Frozen)			
		8030-01-387-1017	OZ (6 OZ, Frozen)			
		8030-01-184-0328	CA (2.5 OZ, SEMKIT)			
		8030-01-184-0329	CA (6 OZ, SEMKIT)			
	II-2	8030-01-124-7622	KT (6 OZ, Two-Part)			
		8030-00-009-5023	KT (12 OZ, Two-Part)			
		8030-00-008-7200	KT (24 OZ, Two-Part)			
		8030-01-333-3954	OZ (2.5 OZ, Frozen)			
		8030-01-333-4821	OZ (6 OZ, Frozen)			
		8030-01-196-1958	CA (2.5 OZ, SEMKIT)			
		8030-01-184-0330	CA (6 OZ, SEMKIT)			
	II-4	8030-00-008-7201	KT (12 OZ, Two-Part)			
		8030-00-008-7202	KT (24 OZ, Two-Part)			
	Type III (Spray Gun application)					
	III-1	8030-00-008-7203	KT (12 OZ, Two-Part)			
		8030-00-008-7204	KT (24 OZ, Two-Part)			
		8030-00-871-8489	KT (96 OZ, Two-Part)			
	Type IV (Extended Assembly Time)					
	IV-12	8030-01-395-2726	KT (12 OZ, Two-Part)			
		8030-00-151-9973	KT (96 OZ, Two-Part)			
	IV-24	8030-01-395-2728	KT (12 OZ, Two-Part)			
		8030-00-008-7206	KT (24 OZ, Two-Part)			
		8030-01-363-6503	OZ (6 OZ, Frozen)			
	IV-48	8030-01-192-2807	KT (6 OZ, Two-Part)			
		8030-01-395-2729	KT (12 OZ, Two-Part)			
		8030-00-028-8495	KT (24 OZ, Two-Part)			
		8030-01-363-6504	OZ (6 OZ, Frozen)			

Table 2-16. Sealants (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Sealing Compound, Temperature Resistant, Integral Fuel Tanks and Fuel Cell Cavities, High Adhesion (Polysulfide)	AMS-S-8802, Type II			Use for filleting and brush sealing of integral fuel tanks and fuel cell cavities. Type I (Dichromate cured) is cancelled. Type II (Manganese cured) sealing materials are authorized for all previous uses of Type I.	X	
	Class A (Brush or dip application)					
	A-1/2	8030-00-753-4596	KT (6 OZ, Two-Part)			
		8030-00-965-2004	KT (12 OZ, Two-Part)			
		8030-01-387-3196	OZ (2.5 OZ, Frozen)			
		8030-00-753-5008	CA (2.5 OZ, SEMKIT)			
		8030-00-753-5010	CA (6 OZ, SEMKIT)			
	A-1	8030-01-386-3656	KT (24 OZ, Two-Part)			
	A-2	8030-00-753-4598	KT (6 OZ, Two-Part)			
		8030-00-753-5343	KT (12 OZ, Two-Part)			
		8030-00-723-5344	KT (24 OZ, Two-Part)			
		8030-00-841-6832	KT (96 OZ, Two-Part)			
		8030-01-363-6671	OZ (2.5 OZ, Frozen)			
		8030-01-363-6505	OZ (6 OZ, Frozen)			
		8030-00-753-5003	CA (2.5 OZ, SEMKIT)			
		8030-00-753-5009	CA (6 OZ, SEMKIT)			
	Class B (Gun or spatula application)					
	B-1/2	8030-00-753-4597	KT (6 OZ, Two-Part)			
		8030-00-174-2599	KT (12 OZ, Two-Part)			
		8030-00-080-1549	KT (24 OZ, Two-Part)			
		8030-00-753-5007	CA (2.5 OZ, SEMKIT)			
		8030-00-753-5004	CA (6 OZ, SEMKIT)			
	B-1	8030-01-337-9408	CA (2.5 OZ, SEMKIT)			
	B-2	8030-00-753-4599	KT (6 OZ, Two-Part)			
		8030-00-723-2746	KT (12 OZ, Two-Part)			
		8030-00-685-0915	KT (24 OZ, Two-Part)			
		8030-00-579-8453	KT (96 OZ, Two-Part)			
		8030-01-333-4823	OZ (2.5 OZ, Frozen)			
		8030-01-333-4822	OZ (6 OZ, Frozen)			
		8030-00-753-5006	CA (2.5 OZ, SEMKIT)			
		8030-00-753-5005	CA (6 OZ, SEMKIT)			
	B-4	8030-00-174-2598	KT (12 OZ, Two-Part)			
		8030-00-850-5717	KT (24 OZ, Two-Part)			
		8030-00-850-0759	CA (2.5 OZ, SEMKIT)			
		8030-00-850-0758	CA (6 OZ, SEMKIT)			
	Class C (Extended assembly time)					
	C-20	8030-01-048-3772	KT (12 OZ, Two-Part)			
		8030-00-427-2661	KT (96 OZ, Two-Part)			
		8030-00-152-0012	CA (6 OZ, SEMKIT)			
	C-80	8030-00-709-3278	KT (24 OZ, Two-Part)			
		8030-00-432-1544	KT (96 OZ, Two-Part)			

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Table 2-16. Sealants (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Sealing Compound, Integral Fuel Tanks, Cell Cavities, and General Purpose, High Temperature Applications (Polysulfide)	AMS 3276 (supersedes MIL-S-83430)			Used for fuel tank sealing, cabin pressure sealing, aerodynamic smoothing, faying surface sealing, wet-installation and overcoating of fasteners, sealing joints and seams, and non-structural adhesive bonding. For fuel tank applications, treat bond surfaces with AMS 3100 adhesion promoter to enhance sealant adhesion.	X	
	Class A (Brush or dip application) A-1/2	8030-00-602-0107 8030-01-395-5474 8030-01-036-6936 8030-00-312-6128	KT (6 OZ, 2 PART) KT (12OZ, 2 PART) KT (24OZ, 2 PART) CA (6 OZ, SEMKIT)			
	A-2	8030-00-602-0049 8030-00-602-0051 8030-01-387-1001	KT (6 OZ, 2 PART) KT (96 OZ, 2 PART) OZ (6 OZ, FROZEN)			
	Class B (Gun or spatula application) B-1/4	8030-01-214-0374	KT (6 OZ, 2 PART)			
	B-1/2	8030-00-602-0039 8030-00-348-7888 8030-01-381-5291 8030-01-381-5302 8030-01-252-7963 8030-00-602-0045	KT (6 OZ, 2 PART) KT (12 OZ, 2 PART) OZ (2.5 OZ, frozen) OZ (6 OZ, frozen) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT)			
	B-2	8030-00-485-3237 8030-01-066-6444 8030-00-585-4900 8030-01-383-4185 8030-01-383-3953 8030-00-560-8758	KT (12 OZ, 2 PART) KT (24 OZ, 2 PART) KT (96 OZ, 2 PART) OZ (2.5 OZ, frozen) OZ (6 OZ, frozen) CA (2.5 OZ, SEMKIT)			
	B-4	8030-01-195-0655	KT (24 OZ, 2 PART)			
	B-6	8030-00-602-0035 8030-01-387-1061	OZ (6 OZ, frozen) CA (6 OZ, SEMKIT)			
	Class C (Extended assembly time) C-1/2	8030-01-311-5653	KT (24 OZ, 2 PART)			
Sealing Compound, Low Adhesion, Corrosion Inhibiting, for Removable Panels and Fuel Tank Inspection Plates	AMS 3367 (supersedes MIL-S-8784)			Fillet and faying surface sealing of removable structures such as access doors, floor panels and plates, removable panels, and fuel tank inspection plates. Do not use for sealing integral fuel tanks, high temperature areas, or permanent structures.	X	
	Class A (Brush or dip application) A-1/2	8030-00-291-8380	KT (6 OZ, 2-PART)			
	A-2	8030-00-584-4399 8030-01-127-8281 8030-00-152-0062	KT (6 OZ, 2-PART) KT (12 OZ, 2-PART) CA (2.5 OZ, SEMKIT)			
	Class B (Gun or spatula application) B-1/2	8030-00-598-2910 8030-00-881-3933 8030-01-028-4336 8030-01-371-3542 8030-01-372-2986 8030-00-152-0022 8030-01-365-3912	KT (6 OZ, 2-PART) KT (12 OZ, 2-PART) KT (24 OZ, 2-PART) OZ (2.5 OZ, frozen) OZ (6 OZ, frozen) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT)			
	B-2	8030-00-616-9191 8030-00-680-2041 8030-01-371-9247 8030-01-371-9246 8030-01-383-4993	KT (6 OZ, 2-PART) KT (12 OZ, 2-PART) OZ (2.5 OZ, frozen) OZ (6 OZ, frozen) CA (6 OZ, SEMKIT)			

Table 2-16. Sealants (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On		
					AC	AV	
Firewall Sealing Compound, Aircraft, One-Part Silicone	AMS 3374 (supersedes MIL-S-38249) Type 1 (One-Part, High Temperature Silicone)	8030-00-783-8898 8030-00-723-5345 8030-01-033-3485 8030-01-364-7362 8030-01-365-0049 8030-01-364-7359 8030-00-783-8886	KT (6 OZ, 2 part) KT (12 OZ, 2 part) OZ (96 OZ, 2 part) OZ (2.5 OZ, frozen) OZ (6 OZ, frozen) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT)	Sealing aircraft firewall structures exposed to very high temperatures to prevent the passage of air and vapors. Cures on exposure to air.	X		
Sealing Compound, Polythioether, Integral Fuel Tanks and General Purpose, Fast Curing at Ambient and Low Temperatures	AMS 3277 (supersedes MIL-S-29574) Type I Class A (Brush or dip application) A-1/2 A-1 Class B (Gun or spatula application) B-1/4 B-1/2 B-2 Type II Class B (Gun or spatula application) B-1/4 B-1/2 B-2	 8030-01-330-6568 8030-01-330-0730 8030-01-330-0735 8030-01-330-3437 8030-01-290-5134 8030-01-290-5135 8030-01-290-5136 8030-01-290-5137 8030-01-290-5138 8030-01-290-5139 8030-01-364-3883 8030-01-364-3886 8030-01-364-3882 8030-01-364-3885 8030-01-364-3881 8030-01-364-3884	 CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT) CA (2.5 OZ, SEMKIT) CA (6 OZ, SEMKIT)	For repairing fillet and fastener seals on integral fuel tanks and faying surface seals. May also be used for overcoating fasteners and sealing seams and joints. Not for use on windscreens and canopies. Type I materials require use of an adhesion promotor, Type II materials do not.	X		
Silicone Adhesive-Sealant, One-Part, Room Temperature Vulcanizing (RTV), Non-fuel Resistant, Non-corrosive (Synthetic rubber)	MIL-A-46146 Type I (Paste) Type II (Liquid, self-leveling) Type III (High strength)	COLOR Clear White White Gray Red Clear Clear Gray Clear White Gray Gray Red	8040-01-394-3735 8040-01-331-7133 8040-00-118-2695 8040-00-145-0020 8040-01-308-4963 8040-01-331-7127 8040-01-441-0671 8040-01-375-4805 8040-00-117-8510 8040-01-157-9469 8040-01-450-6545 8040-01-275-5052 8040-00-902-3871	TU (3 OZ) TU (3 OZ) KT (3 OZ) TU (3 OZ) TU (3 OZ) TU (3 OZ) KT (3 OZ) TU (3 OZ) TU (3 OZ) TU (3 OZ) TU (3 OZ) KT (3 OZ) KT (3 OZ)	For use on sensitive metals and equipment at temperature less than 400° F (204° C). Cures at room temperature upon contact with moisture in the air. To improve adhesion, use sealant with primer coat. Kit (KT) includes primer coat, but tube (TU) does not.	X	X
Silicone RTV Primer Coat	GE SS 4004 DC 1200 DC 1200	COLOR Red Red Clear Red Red	8040-00-083-8403 8040-00-111-2682 8040-00-845-4304 8040-00-870-0877 8040-00-914-6970	PT PT PT QT GL	Use for improving adhesion of silicone RTV adhesive-sealants. Recommended for use with MIL-A-46146 RTV.	X	

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Table 2-16. Sealants (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Skyflect Sealing Tape, Polytetrafluoroethylene, expanded (ePTFE), Oil and Water Resistant	AMS 3255 Class 1 (Continuous, ribbed) GUA-1001-1 GUA-1001-2 GUA-1003-1 GUA-1017-1 GUA-1401-1 GSC-21-80767-00 GO-DO-0069-1	8030-01-367-7357 Open Purchase 8030-01-368-7207 8030-01-368-7208 8030-01-454-7419 8030-01-454-7418 8030-01-467-6025	RO (100 FT) RO (100 FT) RO (100 FT) RO (100 FT) RO (100 FT) RO (100 FT) RO (100 FT)	Sealing of faying surfaces, pressurized and non-pressurized access panels, floorboards, and windscreens upon approval from Type, Model, Series (TMS) engineering authority. Do not use in integral fuel tanks, fuel soaked or high temperature applications up to 250° F. Environmentally preferred non-hazardous alternative to two component, solvent based sealants.	X	
	Class 2 (Continuous, non-ribbed) GUA-1038-1 GUA-1057-1 GUA-1058-1 GUA-1059-1 GUA-1301-1	8030-01-463-6459 8030-01-377-3084 8030-01-381-1584 Open Purchase Open Purchase	RO (100 FT) RO (100 FT) RO (100 FT) RO (100 FT) RO (100 FT)			
Adhesion Promoter for Polysulfide Sealing Compounds, Solvent Based (Titanate solution)	AMS 3100 (P/N: PR-148) Blue Clear	8030-00-560-8756 8040-01-394-2521	PT PT	Coupling solution for enhancing the adhesion of polysulfide compounds to a wide variety of substrates (e.g. integral fuel tanks). Apply by brush or clean cloth. Material dries at room temp in approx. 30 minutes.	X	
Adhesion Promoter for Polysulfide Sealing Compounds, Water Based (Silane solution)	P/N: PR-182 Pink Clear	8030-01-131-3228 8030-01-093-5383	PT PT	VOC compliant coupling solution for enhancing the adhesion of polysulfide compounds to a wide variety substrates. Apply by brush or clean cloth. Material dries at room temp in approx. 30 minutes.	X	
Adhesion Promoter for Polythioether Sealing Compounds, Solvent Based (Amine solution)	P/N: PR-187 Silane (supercedes PR-186) Green Green	8030-01-363-6682 8030-01-363-6678	OZ (1 OZ) PT (16 OZ)	Coupling solution for enhancing the adhesion of polythioether compounds to manganese cured polysulfide sealants. Apply by brush or clean cloth. Material dries at room temp in approx. 30 minutes.	X	
Plastic Adhesive for ePTFE Skyflect Sealing Tape with no adhesive backing (Red-brown)	Scotch-Grip 847 (Liquid)	8040-01-033-7507	TU (5 OZ)	Use to hold ePTFE sealing tape with no adhesive backing in place. Fast drying and resists weathering, water, oil, plasticizer migration, and aliphatic fuels.	X	
Plastic Adhesive for ePTFE Skyflect Sealing Tape with no adhesive backing (Amber)	MMM-A-189 Scotch-Grip 1099 (Brush) Scotch-Grip 1099-L (Spray)	8040-01-126-1422 8040-00-043-1717	QT (32 OZ) TU (2 OZ)	Use to hold ePTFE sealing tape with no adhesive backing in place. Fast drying and resists weathering, water, oil, plasticizer migration, and aliphatic fuels.	X	

Table 2-16. Sealants (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Sealing Compound, Synthetic Rubber	MIL-PRF-8516 Type II Class 1 (24 hr cure)	8030-00-881-2618 8030-01-371-4022	CA (2 oz) CA (5.75 oz premixed frozen, 36/case)	For sealing low voltage electrical connectors, wiring and other electrical apparatus against moisture and corrosion where temperature does not exceed 200° F (93° C). Good resistance to gasolines, oils, grease, water and humidity. CAUTION: Not authorized for use in engine bays, keel areas or areas adjacent to bleed air ducts		X
	Class 2 (48 hr cure)	8030-00-174-2597 8030-00-174-9035 8030-00-297-6677	KT (24 oz) KT (96 oz) KT (6 oz)			
	Class 3 (72 hr cure)	8030-00-515-2271 8030-00-684-8790	KT (48 oz) KT (24 oz)			
Sealing Compound	SAE-AMS-S-83318 (supercedes MIL-S-83318)	8030-00474-1419	CA (6oz)	A quick cure sealant that contains corrosion inhibitor. For use in sealing gaps, or seams during extreme cold weather activities.		X
Sealing Compound Silicone Rubber, Electrically Conductive and Corrosion Inhibiting For use from -67° F to +500° F (-55° C to +260° C)	SAE-AMS 3262			To bond EMI gaskets to a metal surface, to bond and seal metal mating surfaces, and to fillet seal metal lap and butt joints while providing electrical conductivity and preventing galvanic corrosion in each case for EMI suppression applications.		X
	Cho-Bond 1075 Sealant	8040-01-342-1510	TU (2.5 OZ)			
	Cho-Bond 1086 Primer	8040-01-188-5038	PT			
	PR-2225, B-1 Sealant	Open Purchase Available from PRC-DeSoto International, Inc.	SemKit Cart, 10 oz			

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Table 2-17. Solvents

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Dry Cleaning and Degreasing Solvent	A-A-59601 (supersedes P-D-680) Type II (High flash point)	6850-00-110-4498 6850-00-637-6135 6850-00-274-5421 6850-00-285-8011	PT GL CN (5 GAL) DR (55 GAL)	General purpose cleaning solvent for removing oil, grease, and preservation compounds from painted or unpainted metal surfaces. Do not use as a final cleaner prior to painting.	X	
	Type III (Very high flash point)	6850-01-377-1916 6850-01-377-1811 6850-01-377-1808 6850-01-377-1809 6850-01-331-3349 6850-01-331-3350	CN (4 OZ) PT QT GL CN (5 GAL) DR (55 GAL)	Ideal for use in localities where Type II of this material is restricted or prohibited.		
Mineral Spirits, Hydrocarbon Dry Cleaning Solvent	ASTM D235 Type II Class C (High flash point)	6850-01-463-7877 6850-01-463-7881	CN (5 GAL) DR (55 GAL)	General purpose cleaning solvent for removing oil, grease, and preservation compounds from painted or unpainted metal surfaces. Ideal for use in localities where MIL-PRF-680 Type II is restricted or prohibited.	X	
Degreasing Solvent	MIL-PRF-680 Type II (High flash point)	6850-01-474-2319 6850-01-474-2317 6850-01-474-2316	GL CN (5 GAL) DR (55 GAL)	General purpose cleaning solvent for removing oil, grease, and preservation compounds from painted or unpainted metal surfaces. Do not use as a final cleaner prior to painting.	X	X
	Type III (Very high flash point)	6850-01-474-2318 6850-01-474-2320 6850-01-474-2321	GL BX (2 - 2.5 GAL) DR (55 gal)			
	Type IV (High flash point with d-limonene)	6850-01-472-2723 6850-01-472-2721 6850-01-472-2722 6850-01-472-2717 6850-01-472-2719	PT QT GL CN (5 GAL) DR (55 GAL)			
Cleaning Solvent	Envirosolv 654CR	6850-01-388-9732	CN (5 GAL)	For use in ultrasonic cleaning or as a wipe solvent.		X
Wipe Solvent, Low Vapor Pressure, General Purpose	P-W-2891 Type I Class A (Fast evaporating)	7930-01-436-8085 7930-01-436-8023 7930-01-436-8077 7930-01-436-7959 7930-01-436-8019	PT QT GL CN (5 GAL) DR (55 GAL)	Cleaning of aircraft surfaces prior to painting, sealing, adhesive bonding Type II Class B of this spec. is safe to use on windscreens and canopies. May be used as a MEK, MIBK, MIL-T-81772, and Aliphatic Naphtha wipe cleaning alternative.	X	
	Type II Class B (High flash point)	7930-01-436-8024 7930-01-436-7904 7930-01-436-7953 7930-01-436-7944 7930-01-436-8013	QT GL BX (4, 1 gal BTs) CN (5 GAL) DR (55 GAL)			
Wipe Solvent for Aircraft Surfaces, General Purpose	AMS 3166	7930-01-367-0994 7930-01-367-0995 7930-01-367-0996 7930-01-367-0997	BX (24, 1 pt BTs) BX (4, 1 gal BTs) CO (5 GAL) DR (55 GAL)	Cleaning of aircraft structural (i.e., metal and composite) surfaces prior to painting, sealing, bonding, application of adhesion promoters. May be used as a MEK, MIBK, and MIL-T-81772 alternative.	X	
Paint Spray Gun and Pre-paint Wipe Cleaner	TT-T-2935	8010-01-474-7092 8010-01-474-7097 8010-01-474-8982 8010-01-474-7098 8010-01-474-7095	PT QT GL CN (5 GAL) DR (55 GAL)	Cleaning of paint spray guns and aircraft surfaces prior to painting and sealing in lieu of MIL-T-81772. Do not use to clean polycarbonate or acrylic materials. Not intended for thinning/reducing paints.	X	X

Table 2-17. Solvents (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Isopropyl Alcohol (i.e., IPA, 2-Propanol, and Isopropanol)	TT-I-735 Grade A (Technical)	6810-00-753-4993 6810-00-983-8551 6810-00-286-5435 6810-00-543-7915	CN (8 OZ) QT GL DR (55 GAL)	Use for removing fungi (molds), or preparing surface prior to painting, sealing. Do not use on acrylic plastic materials.	X	X
	ACS Grade (Reagent)	6810-00-183-4393 6810-00-822-7637 6810-00-227-0410 6810-01-448-9253 6810-00-586-6647 6810-00-944-9657	PT QT GL BT (4 liters) CN (5 GAL) DR (55 GAL)			
Aliphatic Naphtha	TT-N-95 Type II	6810-00-238-8119 6810-00-265-0664 6810-00-238-8117	GL CN (5 GAL) DR (55 GAL)	Use for cleaning/degreasing acrylic plastics (i.e., windscreens and canopies).	X	
Acetone (i.e., 2-Propanone and Dimethylketone), 99.5% grade	ASTM D329 (supersedes O-A-51)	6810-00-223-2739 6810-01-003-0262 6810-00-184-4796 6810-00-281-1864	PT GL CN (5 GAL) DR (54 GAL)	General purpose wipe cleaning solvent for removing light oils, greases, or preservation compounds. from painted or unpainted metal and composite surfaces.	X	
Solvent Cleaning Compound for Integral Fuel Tank	A-A-59281 (supersedes MIL-C-38736) Type I (Normal solvent blend)	6850-00-611-7993 6850-00-538-0929 6850-01-016-3482	PT GL DR (55 GAL)	Wipe cleaning of aluminum surfaces and solvent resistant coatings prior to chemical treatments or the application of integral fuel tank sealants.	X	
	Type II (Non-photochemically reactive solvent blend)	6850-01-383-2171 6850-01-383-2117 6850-01-383-2377 6850-01-383-2103	PT GL CN (5 GAL) DR (55 GAL)			
Distilled Water	ACS grade	6810-00-107-1510	DR (5 GAL)	Used for cleaning in critical soldering operations.		X
	Reagent Grade	6810-00-682-6867 6550-01-310-1677 6550-01-312-7739 6810-01-327-6267	BX (6 EA, 1 GL) PG (4 EA, 1 GL) BX (20 L) GL			
Cleaning Compound, Solvent	CT-1	6850-01-394-2629 6850-01-394-2633 6850-01-394-2631	DR (55 GAL) CN (5 GAL) GL	For use with CHEM-TECH Track 8 cleaning		X
Cleaning Compound, Solvent	CT-2L	6850-01-394-2627 6850-01-394-2630	DR (55 GAL) CN (5 GAL)	For use with CHEM-TECH Track 8 cleaning		X
Solvent, Paint Equipment Cleaning	EP-921 (Mfr: Inland Technology)	6850-01-381-3300 6850-01-381-4408	CN (5 GAL) DR (55 GAL)	Environmentally compliant solvent for use in cleaning paint guns, hose, pots, and other painting equipment. Use in IT-200 Paint Gun Washers. NOTE EP-921 is not intended to be a thinner for paints or coatings.	X	

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Table 2-18. Tags/Forms

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Water/Crash/Fire Damage Tag (Navy Use Only)	NAVAIR 3750/1 (Rev. 10/98)	0102-LF-994-3300	PG (50)	Use for tagging equipment or parts removed from aircraft involved in water, crash, and/or fire damage.	X	X
Water/Crash/Fire Damage Label (Navy Use Only)	NAVAIR 4035/13 (Rev. 6/98)	0102-LF-994-2800	PG (50)	Use for tagging equipment or parts removed from aircraft involved in water, crash, and/or fire damage.	X	X

Table 2-19. Tapes

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Aircraft Preservation and Sealing Tape (Black)	AMS-T-22085 Type II (3M No. 481)	7510-00-852-8179 7510-00-852-8180 7510-00-885-3510 7510-00-926-8939 7510-00-916-9659 7510-00-926-8941	RO (1" x 36 YD) RO (2" x 36 YD) RO (2.5" x 36 YD) RO (3" x 36 YD) RO (4" x 36 YD) RO (6" x 36 YD)	One-sided plastic preservation and sealing tape used for holding most barrier material in place during storage or shipment. Effective for many outdoor applications and can be used on metals or painted surfaces with clean removal up to 2 years after initial use. NOTE: Do not use on acrylic or polycarbonate canopies and windscreens.	X	X
Paint Masking Tape, Crepe Paper Treated (Natural)	AMS-T-21595 Type I (3M No. 231)	7510-01-371-3239 7510-01-371-3234 7510-01-371-3238 7510-01-371-3236 7510-01-371-3237 7510-01-371-3235	RO (1/2" x 60 YD) RO (3/4" x 60 YD) RO (1" x 60 YD) RO (1.5" x 60 YD) RO (2" x 60 YD) RO (3" x 60 YD)	Conformable tape used for masking prior to painting and sealant applications. Tape can be used at baking temperatures up to 250° F for one hour and can be removed without adhesive transfer. Tape shall not be subjected to outdoor exposure or prolonged periods of sunlight.	X	X
Fine Line Tape, Plastic Film with Matte Finish (Light Green)	AMS-T-21595 Type III (3M No. 218)	7510-01-158-0035 7510-01-158-6606 7510-01-158-7778 7510-01-158-6605 7510-01-158-6604 7510-01-158-6603 7510-01-158-6607	RO (1/4" x 60 YD) RO (1/2" x 60 YD) RO (3/4" x 60 YD) RO (1" x 60 YD) RO (1.5" x 60 YD) RO (2" x 60 YD) RO (3" x 60 YD)	One-sided thin plastic tape used for fine line masking during paint touchup and for other masking and holding applications. Tape shall not be subjected to outdoor exposure or prolonged periods of sunlight because the tape will become very difficult to remove.	X	
Aluminum Foil Tape, Chemical and Water Resistant (Shiny Silver)	AMS-T-23397 Type II (3M No. 425)	7510-00-806-4669 7510-00-654-9811 7510-00-720-7516 7510-00-684-8803 7510-00-816-8077 7510-00-982-3955 7510-00-179-0662	RO (1/2" x 60 YD) RO (3/4" x 60 YD) RO (1" x 60 YD) RO (2" x 60 YD) RO (3" x 60 YD) RO (4" x 60 YD) RO (5" x 60 YD)	Maskant material used for protecting surrounding surfaces during paint removal operations. Aluminum backing provides excellent reflection of both heat and light. Tape can be used indoors or outdoors for many long term applications. Use tape and decal applicator (P/N: P.A.-1) to apply this tape to surfaces.	X	X
Flatback Masking Tape (Tan)	A-A-883 Type II (supersedes PPP-T-250) (3M No. 250)	7510-01-026-4661 7510-00-290-2024 7510-00-283-0612 7510-00-290-2027 7510-00-290-2026 7510-00-266-6694	RO (1/2" x 60 YD) RO (3/4" x 60 YD) RO (1" x 60 YD) RO (1.5" x 60 YD) RO (2" x 60 YD) RO (3" x 60 YD)	The solvent resistance of this tape makes it ideal for straight line paint masking operations. The 1" size of this tape (No. 250) is usually used for the paint pull adhesion test. Because of its high strength, it is good for holding, bundling, and wrapping on a variety of surfaces. It is not recommended for outdoor exposure because it becomes very difficult to remove.	X	
Plastic Media Blasting (PMB) Tape, Impact Resistant (Light Green)	3M No. 500	7510-01-300-2124 7510-01-300-2125 7510-01-300-2126 7510-01-300-2127	RO (1" x 10 YD) RO (2" x 10 YD) RO (3" x 10 YD) RO (4" x 10 YD)	Masking and protecting aircraft surfaces during grit media blasting.	X	
Applicator, Tape and Decal	3M No. P.A.-1 (4" L x 2-3/4" W with tapered edges)	5120-00-628-5569	BX (25)	Ideal for applying masking tapes (esp. aluminum foil tape), anti-erosion leading edge tape, and decals.	X	
Insulating Tape, Electrical	ASTM-D2686	5970-01-097-3767	RO			X
Pressure Sensitive Tape	A-A-59298	7510-01-060-8518 7510-01-497-3708	RO (natural, 1/2" X 72 YD) RO (yellow, 1/8" X 72 YD)	For isolating dissimilar metals where galvanic action may take place in avionic equipment.		X
Paint Masking Tape, Crepe Paper Treated (Lime Green)	3M No. 233+	7510-01-504-5274 7510-01-504-5275 7510-01-504-5276 7510-01-504-5267 7510-01-504-5271 7510-01-504-5272 7510-01-504-5278 7510-01-504-5268 7510-01-504-5277 7510-01-504-5269	RO (1/8" x 60 YD) RO (1/4" x 60 YD) RO (1/2" x 60 YD) RO (3/4" x 60 YD) RO (1" x 60 YD) RO (1 1/2" x 60 YD) RO (2" x 60 YD) RO (3" x 60 YD) RO (4" x 60 YD) RO (6" x 60 YD)	Highly conformable tape for masking prior to paint and sealant applications. Provides excellent paint lines. Tape can be used at baking temperatures up to 250° F for one hour and can be removed without adhesive transfer. Alternative to 3M No. 231 masking tape for component painting.	X	

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Table 2-20. Tracers/Indicators

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Desiccant	MIL-D-3464 Type II 16 unit bag 8 unit bag 4 unit bag 2 unit bag 1 unit bag 1 unit bag 0.5 unit bag 0.3 unit bag 0.16 unit bag	6850-00-935-9793 6850-00-935-9794 6850-00-935-9795 6850-00-935-9878 6850-00-935-9796 6850-00-935-9797 6850-00-935-9798 6850-00-935-9799 6850-00-935-9800	DR (120 bags) DR (240 bags) DR (400 bags) CN (130 bags) DR (1000 bags) CN (250 bags) CN (450 bags) CN (650 bags) CN (1200 bags)	Absorbs moisture, lowers relative humidity when sealed in container.		X
Humidity Indicator	MIL-I-8835 Style A1 3" x 2" 1.625" x 1"	6685-00-752-8240 6685-01-008-7563	CN (125/can) EA	Used to determine that desiccant within a package is sufficiently active to maintain a relative humidity below that at which corrosion will occur.		X
Silver Nitrate		6505-00-140-5000 6810-00-233-0124 6810-00-233-0126 6810-00-243-4434 6810-01-461-4501	BT (1 oz (28.35g)) BT (500 g) BT (4 oz (100 g)) BT (25g) EA (25g)	Identification of magnesium metal.		X
Silver Nitrate Solution		6810-00-282-1218 6810-01-491-6715	BT (500 ml) BT (0.5%, 960 ml)	Identification of magnesium metal.		X
Phosphoric Acid, Technical (Orthophosphoric Acid)	A-A-55820 Class 1 (85 percent acid)	6810-00-264-6722	BT (2.5 Liters)	One of two components used to make bromothymol blue indicating solution for nickel-cadmium batteries to determine location of contamination (electrolyte spills) and to indicate whether these areas have been completely neutralized.	X	
Bromothymol Blue Indicator	A-A-59282 Reagent Crystal Powder Premade Solution	6810-00-019-0040 6810-00-262-8581 6810-00-281-4270 6810-00-281-4271 6810-00-031-4757	BT (10 grams) BT (1 gram) BT (500 ml) EA (4 oz) BT (16 oz)	One of two components in an indicator solution for detecting nickel-cadmium battery spills. For detecting reverse voltage damage to we-slug tantalum capacitors.	X	X
Litmus Paper	Blue Litmus Paper Red Litmus Paper	6640-00-290-0146 6640-00-290-0147	HD (100) HD (100)	Color change to red indicates acid present (lead acid batteries). Color change to blue indicates alkali present (nickel-cadmium batteries).	X	X

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CHAPTER 3 EQUIPMENT FOR CORROSION CONTROL

3-1. INTRODUCTION. The equipment referenced in this chapter is approved for use, but approval should not be misconstrued as an endorsement of any manufacturer's product(s). If approved equipment for an application/procedure is not available, contact your service representative for approved substitutes: Naval Air Depot North Island (Code 497), San Diego, CA (Navy), or AMCOM Corrosion Program Office, or U.S. Army Aviation Systems Command, Redstone Arsenal, Huntsville, AL (Army).

3-2. ARRANGEMENT OF CHAPTER. Chapter 3 lists equipment used for aircraft and avionics cleaning and corrosion control.

3-2.1. Equipment is grouped by function in the following tables:

- a. Table 3-1. Cleaning Equipment.
- b. Table 3-2. Conversion Coating Equipment.
- c. Table 3-3. Corrosion Removal Equipment.
- d. Table 3-4. Painting Equipment.
- e. Table 3-5. Safety Equipment.
- f. Table 3-6. Sealing Equipment.

3-2.2. A description of the column headings and contents is given below.

- a. Nomenclature: the name of the equipment
- b. Specification/Part Number: the military or industry specification and/or the commercial part number

c. National Stock Number: the national stock number of the equipment

d. Unit of Issue: the type/size of the equipment issued. Unit of Issue abbreviations are shown below.

CODE	UNIT	CODE	UNIT	CODE	UNIT
BG	Bag	DZ	Dozen	OZ	Ounce
BO	Bolt	EA	Each	PG	Package
BT	Bottle	FT	Foot	PR	Pair
BX	Box	GL	Gallon	PT	Pint
CA	Cartridge	GR	Gross	QT	Quart
CB	Carboy	JR	Jar	RO	Roll
CN	Can	KT	Kit	SE	Set
CO	Container	LB	Pound	SH	Sheet
CS	Case	LG	Length	TU	Tube
DR	Drum	MX	Thousand	YD	Yard

e. Intended Use: a short description of what the equipment is used for.

f. Useable On: an "x" in this column indicates that the equipment has been approved for use on Aircraft (AC) and/or Avionics (AV). If equipment does not have an "x", contact the cognizant engineering authority for the specific aircraft/part for authorization before use.

Table 3-1. Cleaning Equipment

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Aircraft Washing Kit, Exterior, Conformable	3M No. 251M	7920-00-490-6046	KT	General cleaning of aircraft surfaces.	X	
Pad, Aircraft Cleaning, Exterior (Tan/White)	3M No. 33 (6" L x 12" W x 3/4" D pad)	7920-01-519-4736	CS (50)	Replacement for 3M No. 251 Washing Kit for Exterior Aircraft Washing Operations.	X	
Aircraft Cleaning Pad, Holder, Curved (Gray)	3M No. 261 (6" L x 12" W pad holder)	7920-01-519-4735	EA	Use with 3M No. 33 Cleaning Pads and A-A-1464 Aluminum Handle for exterior aircraft washing.	X	
Cleaning and Scouring Pad, Non-Metallic	A-A-3100 Type I (3/8" thick) Type II (1" thick)	7920-00-151-6120 7920-00-171-1534	PG (10) PG (10)	Replacement sponge (12" L x 6" W) for washing kit No. 251M. Hand held or attach to the wash applicator.	X	X
Scrub Brush, Aircraft Cleaning (Nylon Bristle)	MIL-B-23958 Type I Style 1, Round Block Style 2, 6" Rectangular Block Style 3, 12" Rectangular Block	7920-00-054-7768 7920-00-051-4386 7920-00-051-4383	EA EA EA	Application of cleaner and scrubbing of aircraft surfaces and avionic equipment housings for hard to remove soils.	X	X
Window Brush, Waterproof (Horsehair material)	A-A-3080 (supersedes MIL-B-23958) Type I - Round shape 4.5" dia. 5" dia. 8" dia. Type II - Rectangular shape 6" L x 4" W	7920-00-240-7176 7920-00-051-4384 7920-00-297-1509 7920-01-136-8892	EA EA EA EA	Scrubbing painted aircraft surfaces and windows.	X	
Toothbrush, Soft Bristle, Straight Line Design	A-A-59 (Children's) A-A-123 (Adult's)	8530-01-293-1388 8530-01-293-1387	DZ (30) DZ (30)	Cleaning intricate parts. Before using, insure chemicals will not dissolve or soften brush.	X	X
Handle, Wood, Threaded and Tapered Ends	A-A-3082 (supersedes NN-H-104) Type I - Threaded metal end 7/8" dia. x 4' L Type II - Tapered end 15/16" dia. x 4.5' L 15/16" dia. x 5' L 1 1/8" dia. x 4.5' L 1 1/8" dia. x 8' L	7920-00-982-6512 7920-00-177-5106 7920-00-283-0328 7920-00-141-5452 7920-00-263-0327	EA EA EA EA EA	Long handle for brushes. May be used with 3M No. 251M aircraft washing kit or 3M No. 261 Cleaning Pad Holder.	X	
Handle, Aluminum, 2-piece Threaded End with 7/8" dia.	A-A-1464	7920-00-926-5146	EA	Extension for scrub brush to clean, paint, or wash high surfaces. Extendable from 5' to 10'. Recommended for use with 3M No. 261 Cleaning Pad Holder.	X	
Water Nozzle, Adjustable from Spray to Stream	A-A-50461 Garden Hose (Brass) High Pressure (Pistol Grip) Model M-70 (Black), P/N: 10855 (Mfr: Strahman) Hydro-Pro 150 (Black) (Mfr: Strahman)	4730-00-223-6731 4730-00-900-0733 4730-00-900-0733 Open Purchase	EA EA EA EA	Spraying and rinsing of aircraft.	X	
Water Hose Assembly, Rubber	A-A-59270 (supersedes L-H-520) 5/8" ID x 50' L 3/4" ID x 50' L	4720-00-203-3920 4720-00-203-3912	EA EA	Washing and rinsing aircraft.	X	
Hose Assembly with Spray Nozzle (Black)	P/N: 10937 (50' hose) P/N: 10955 (100' hose) (Mfr: Strahman)	Open Purchase Open Purchase	EA EA	Washing and rinsing aircraft.	X	

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Table 3-1. Cleaning Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Pump, Backpack (5 gals.)	P/N: 5100-254B	4320-00-289-8912	EA	Localized cleaning and rinsing of aircraft surfaces.	X	X
Spray Gun, Pneumatic	SAE AMS-G-952, Type I	4940-00-248-0866	EA	Spraying cleaning compounds. Not for use with solvents.	X	
Cleaning Unit, Portable, Foam Generating Stainless Steel Tank (Porta-Foamer)	Tank capacity: 15 gallons 45 gallons	4940-01-058-5267 4940-01-041-5680	EA EA	Foam applicator for MIL-PRF-85570 cleaning compounds. Use with compressed air to spray water detergent or cleaning solvents for cleaning aircraft exteriors and engines. Cleaning gun/sprayer included.	X	
Wash Unit, Universal	P/N: 21C2438G01 (Mfr.: General Electric)	4940-01-185-6215	EA		X	
Corrosion Control Cart for Jet Engine Cleaning	Model 62555 (P/N: 65A102J1)	4920-00-930-1801	EA	Portable cleaning machine for cleaning and rinsing aircraft turbine engines.	X	
Deicer, Aircraft	Model 58323 (P/N: D40-D)	1730-01-093-6517	EA	Truck mounted spray unit used to provide deicing, anti-icing, and fluid spraying capabilities.	X	
Electric Heater Gun	A-A-59435 Type I (350-500° F) Type II (500 -750° F) Type III (750-1000° F)	4940-00-357-1369 4940-01-028-7493 4940-01-391-7046	EA EA EA	To thaw or dry equipment/components or shrink insulating tubing associated with electrical applications. WARNING Not explosion proof. Not authorized for use on aircraft.	X	X
Mini-Vacuum Cleaner, Pneumatic, Venturi-Type	P/N: AT560	5130-01-368-5861	EA	Removing dirt and debris.	X	X
Vacuum Cleaner with attachments	Pneumatic	7910-00-807-3704	EA	Removing dirt and debris.	X	X
Bottle, Adjustable, Sprayer Nozzle (16 oz.)	A-A-2806	8125-00-488-7952	EA	Spraying of cleaning compounds.	X	X
Spray Kit, Self Pressurized Plastic Bottle (32 oz.)	P/N: 4382T1	4940-01-364-8761	EA	Spraying of dilute cleaning compounds.	X	
Utility Pail, Rubber (3 gals.)	L-P-65	7240-00-246-1097	EA	Container for holding or mixing materials.	X	
Brush, Acid	A-A-289	7920-00-514-2417	GR	For cleaning connectors, circuit boards, and small components.		X
Brush, Aircraft Cleaning, Tampico Fiber	A-A-2074	7920-00-282-2470	EA	For removal of corrosion products and surface contamination from avionic equipment housings, chassis and covers.		X
Brush, Typewriter	A-A-3077 Cone-shaped Toothbrush-shaped Paintbrush-shaped	7510-00-550-8444 7510-00-550-8446 7510-00-550-8845	EA EA EA	For scrubbing dirt, soil, and corrosive products from circuit components.		X
Booth, Cleaning, Water Base Solvent Spray	MIL-PRF-83831	4940-00-422-1774	EA	For the removal of dirt, dust, salt spray deposits and light corrosion products. For pre-cleaning of components prior to ultrasonic detergent cleaning. For cleaning and rinsing components after ultrasonic detergent cleaning, abrasive corrosion removal and hand cleaning.		X
Heat Lamp		6240-01-349-4407	EA	Used for drying during Track 8 cleaning procedures.		X

Table 3-1. Cleaning Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Oven, Forced Air		6640-00-086-5371 6640-00-165-5751 6640-00-216-3465 6640-00-420-2650 6640-00-471-5678 6640-00-524-6150 6640-00-526-7364 6640-00-774-1214 6640-01-025-8802 6640-01-036-7645 6640-01-037-4574 6640-01-080-6852 6640-01-113-6711 6640-01-189-1614 6640-01-193-8978 6640-01-251-7088 6640-01-254-8626 6640-01-283-4503	EA	For drying avionic equipment and components.		X
Oven, Circulating Air, (Gravity Drying)		6640-00-022-8349 6640-00-061-2796 6640-00-108-1738 6640-00-110-9013 6640-00-119-9372 6640-00-127-5747 6640-00-165-5749 6640-00-359-9880 6640-00-431-7593 6640-00-435-7320 6640-00-501-5489 6640-00-501-5496 6640-00-501-5499 6640-00-526-7361 6640-00-531-4358 6640-00-863-6766 6640-00-889-6914 6640-00-890-9229 6640-00-926-7346 6640-00-977-3341 6640-01-037-4575 6640-01-050-3628 6640-01-052-8326 6640-01-052-8465 6640-01-069-6322 6640-01-101-3810 6640-01-116-1036 6640-01-135-1961 6640-01-296-2142	EA	For drying avionic equipment and components.		X
Oven, Circulating Air, (Natural Drying)		4430-00-142-2336 4430-00-187-7717 4430-00-192-0779 4430-00-344-1535 4430-00-349-5066 4430-00-596-3314 4430-00-622-6996 4430-00-731-2773 4430-00-831-4172 4430-00-973-2707 4430-01-061-5219 4430-01-062-0178 4430-01-065-2184 4430-01-082-5531 4430-01-111-0972 4430-01-125-5286 4430-01-164-3565 4430-01-203-4327 4430-01-262-7709	EA	For drying avionic equipment and components.		X
Oven, Vacuum		6640-00-018-4185 6640-00-165-5751 6640-00-184-3671 6640-00-435-7385 6640-00-532-7524 6640-01-007-9191 6640-01-008-3476 6640-01-015-5049 6640-01-018-8565 6640-01-023-2809 6640-01-023-5723 6640-01-031-7053 6640-01-083-1723 6640-01-096-9497 6640-01-302-1025 6640-01-387-2604	EA	For drying avionic equipment and components.		X

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Table 3-2. Conversion Coating Equipment

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Acid Swabbing Brush, Metal Handle (Horsehair bristle)	A-A-289 (5 3/4" L x 3/8" W)	7920-00-514-2417	GR	Disposable brush for applying chemical conversion coatings and touching up paints.	X	X
Sponge Stick Moistener	A-A-137 (supercedes GG-M-571)	7520-00-241-2981	EA	Application of chemical conversion coating materials.	X	X
Wash Bottle, Plastic (250 ml)		6640-00-299-8493	EA	Use for rinsing chemically treated surfaces.	X	X

Table 3-3. Corrosion Removal Equipment

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Grinder, Pneumatic, Horizontal (20,000-25,000 RPM)	P/N DG-50-230	5130-00-293-2797	EA	Use with 3M Radial Bristle Disk for small corrosion repair and paint removal.	X	X
Mandrel Assembly, Radial Bristle Disc	3M No. 990	3460-01-493-7924	CS (5)	Use with 3M radial bristle disc for small corrosion repair and paint removal.	X	X
Radial Bristle Disc, 3" Diameter (Salmon)	3M No. SPA	5345-01-493-2510	CS (40)	Light corrosion/paint removal and surface preparation on aluminum, titanium, and high-strength steel substrates.	X	X
Radial Bristle Disc, 3" Diameter (Lime Green)	3M No. 360	5345-01-493-2514	CS (40)	Heavy corrosion/paint removal and surface preparation on aluminum, titanium, and high-strength steel substrates.	X	X
Vacuum Sanding Systems, Clayton (each unit includes an ULPA-filter vacuum, a variety of pneumatic sanders, abrasives, tools, compressed air and vacuum hoses)	P/N: 670-DM-1535-0 P/N: 670-DM-1535-4 P/N: 770-DM-1535-0 P/N: 770-DM-1535-4	1HD0000-LL-CQA-8342 1HD0000-LL-CQA-8348 1HD0000-LL-CQA-8349 1HD0000-LL-CQA-8353	EA EA EA EA	Portable vacuum sanding system used to remove corrosion or coatings from metal or composite surfaces. Captures airborne particles and dust generated by sanding operations. For use in shops and hangers, electric. For use in shops and hangers, pneumatic. For use in small areas and aboard ship, electric. For use in small areas and aboard ship, pneumatic.	X	X
Sanders, Clayton Vacuum Sanding Systems	P/N: 675-12301J P/N: 670-12601J P/N: 675-12341J P/N: 670-12601J P/N: 690-003	5130-01-520-5673 5130-01-520-5669 5130-01-520-5670 5130-01-520-5672 5130-01-520-5671	EA EA EA EA EA	Replacement sanders for Clayton Vacuum Sanding System (refer to Table 2-1 for abrasives used with Clayton sanders).	X	X
Backup Pads for Clayton Sanders	P/N: 672-301J P/N: 672-611J P/N: 672-402J P/N: 672-701J P/N: 673-B0038 P/N: 692-282J	1HS0000-LL-CQA-8300 1HS0000-LL-CQA-8302 1HS0000-LL-CQA-8306 1HS0000-LL-CQA-8303 5340-01-519-0929 1HS0000-LL-CQA-8305	EA EA EA EA EA EA	Replacement pads for Clayton Vacuum Sanding System	X	X
Hoses and Hose Fittings, Clayton Vacuum Sanding Systems	P/N: 673-A0300W P/N: 671-HSB1000W P/N: 671-HSB2000W P/N: 671-AVH1015W P/N: 671-AVH1035W P/N: 671-150Y P/N: 631-001 P/N: 661-150CMB	1HS0000-LL-CQA-8294 1HS0000-LL-CQA-8295 1HS0000-LL-CQA-8319 4720-01-519-7025 4720-01-519-7365 4730-01-519-5907 4730-01-520-7058 4730-01-519-5912	EA EA EA EA EA EA EA EA	Replacement hose for Clayton Vacuum Sanding System	X	X
Filters, Clayton Vacuum Sanding Systems	P/N: 600-115 P/N: 600-313A P/N: 926-050	4310-01-519-5205 7910-01-520-6435 4310-01-520-8595	PK (3) PK (5) EA	Replacement filters for Clayton Vacuum Sanding System	X	X
Disposal Bags, Clayton Vacuum Sanding Systems	P/N: 600-114DM	8105-01-521-2119	PK (25)	Replacement bags for Clayton Vacuum Sanding System	X	X
Air Drill Motor with 1/4" Chuck (3200 rpm)	OO-D-691	5130-00-294-9511	EA	Scuff sanding and corrosion removal.	X	
Drill Chuck Key, 1/4"	A-A-50966	3460-00-264-5577	EA	Securing or releasing drill bit. For use with above drill motor.	X	
Sander, Pneumatic, Orbital Motion (6,000-9,000 rpm)	A-A-2687 (supersedes OO-S-101)	5130-00-606-9694	EA	Scuff sanding and corrosion removal. Also used for finish sanding, feather edging, and blending of paint systems.	X	

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Table 3-3. Corrosion Removal Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Sander, Random Orbital, 5" dia. sanding pad (12,000 rpm)	Model 57015 (Mfr: Dynabrade, Inc.)	5130-01-399-3588	EA	Scuff sanding and corrosion removal. Also used for blending, smoothing, and feathering edges. The sander's random orbital action prevents scratches and swirl marks. Available in three orbit diameters: 3/8" (10 mm) for aggressive sanding , 3/16" (5 mm) for general sanding, 3/32" (2.5 mm) for ultra-fine sanding.	X	
Dry Honing Machine, Portable, Air-Operated	P/N: 41303 (Mfr.: Vacu-Blast Corp.)	4940-00-872-1712	EA	A compact, self-contained, and light-weight unit used for the safe and convenient removal of corrosion products from aircraft and components.	X	
Electrical Pump Kit for Honing Machine	P/N: 918708 (Mfr.: Vacu-Blast Corp.)	4940-00-948-3810	EA	The electric pump allows the Honing Machine to use low pressure/low volume air to operate instead of the low pressure/high volume air required to operate units equipped with the air ejector pump. For use with Portable Dry Honing Machine above.	X	
Air Nozzle Gun	A-A-55543 (supersedes GGG-G-770)	4940-00-223-8972	EA	Use to remove chips, dirt, and waste material from machines, work pieces, or benches.	X	
Air Hose Assembly, General Purpose	ZZ-H-521 3/8" ID x 50' ZZ-H-500 5/8" ID x 50' 3/4" ID x 50'	4720-00-289-3429 4720-00-278-4890 4720-00-278-4891	FT FT FT	Use for painting and vacu-blasting.	X	
Coupling Half, Air Hose, Low Pressure, Quick Disconnect	MIL-C-4109 Male quick disconnect 1/4" NPT/M 3/8" NPT/M 3/8" Hose Shank/M 1/2" NPT/M 1/2" Hose Shank/M 3/4" NPT/M Female quick disconnect 1/4" NPT/F 3/8" NPT/F 3/8" Hose Shank/F 1/2" NPT/F 1/2" Hose Shank/F 3/4" NPT/F	 4730-00-494-3271 4730-00-293-7182 4730-00-277-5679 4730-00-293-7165 4730-00-905-9794 4730-00-293-7043 4730-01-177-0987 4730-00-203-0178 4730-00-494-3272 4730-00-293-7165 4730-00-701-0228 4730-00-442-5738	 EA EA EA EA EA EA EA EA EA EA EA EA	 Male quick disconnect half for use with pneumatic tools and paint spray guns. Male quick disconnect half for use with portable dry honing machines. Female quick disconnect half for use with pneumatic tools and paint spray guns. Female quick disconnect half for use with portable dry honing machines.	X	
Hose Clamp	A-A-52506 (supersedes WW-C-440)	4730-00-826-4268	EA	Metal hose clamps used for holding flexible ducts or hose on to a male fitting.	X	
Hand Pad Holder	3M No. 952 (INSTA-LOK)	Open Purchase	EA	Hand tool for holding abrasive pads. For use with Abrasive Mat, A-A-58054.	X	
Disc Sander Pad	3M No. 051144-05576	5130-01-075-8137	EA	Back-up pad to run 6" dia. abrasive paper discs. Use with a dual motion sander. For use with Abrasive Paper Discs, A-A-2697.	X	

Table 3-3. Corrosion Removal Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Mandrel	3M No. 933, 1" washer (2" length x 1/4" shank)	3460-01-044-2626	EA	For use with Finishing Flap Brush below. Use with 2" - 3" dia. discs.	X	
	3M No. 934, 2 1/2" washer (3 1/16" length x 1/4" shank)	3460-00-150-7164	EA	Use with 3"-6" dia. discs.		
	3M No. 935, Mini Mandrel (2 7/8" length x 1/4" shank)	3460-00-150-7163	EA	Use with 1" x 1.5" pieces of abrasive material to fit into tight areas.		
Finishing Flap Brush, Aluminum Oxide, Non-woven, Maroon (6" D x 1/2" arbor hole)	3M No. 5AFIN (fine grit) 3M No. 5AMED (med. grit)	5345-00-151-7936 5345-00-157-9790	EA EA	Removing mild corrosion and polishing surfaces. Also for mechanical removal and feathering of paint systems. ONLY for use with a bench motor. For use with Mandrel above.	X	
Stackable Deburring Disc, High Strength, Aluminum Oxide, Non-woven Nylon, Maroon (6" D x 1/2" arbor hole)	3M No. 048011-04188 (medium grit)	Open Purchase	EA	Removing mild corrosion and polishing surfaces. Also for mechanical removal and feathering of paint systems. Use with a drill and 3M No. 934 Mandrel.	X	
	3M No. 048011-00665 (very fine grit)	Open Purchase	EA			
Disk Pad Holder, Hook and Loop	3M No. 9215 (1.5" dia. x 1/4" shank)	Open Purchase	EA	Back-up pad to run surface conditioning discs. Use with a drill. For use with Surface Condition Discs.	X	
	3M No. 923 (3" dia. x 1/4" shank)	5345-01-342-5932	EA			
Surface Condition Discs, Aluminum Oxide	Very Fine grit (Blue) 3M No. 61-5000-1596-3 (1.5" dia.) 3M No. 61-5000-1598-9 (3" dia.)	Open Purchase Open Purchase	EA EA	Corrosion removal and surface preparation. The discs have minimal metal/substrate removal. For use with Disc Pad Holder, Hook and Loop.	X	
	Medium grit (Maroon) 3M No. 61-5000-1306-7 (1.5" dia.) 3M No. 61-5000-1308-3 (3" dia.)	Open Purchase Open Purchase	EA EA			
COMBI-S Wheel with Spindle Mount, Aluminum Oxide, Maroon (3" D x 1 3/4" W x 1/4" shank)	120 grit (3M No. 051144-80678)	Open Purchase	EA	Combination of aluminum oxide coated abrasive and non-woven nylon material used for finishing, blending, and removing light to medium corrosion. Maximum operating speed is 8000 RPM.	X	
	180 grit (3M No. 051144-80799)	Open Purchase	EA			
Flap Wheel, Abrasive, Aluminum Oxide	MIL-W-81319, Type I 150 grit (3" D x 3/4" W x 1/4" shank)	5345-00-732-9989	EA	Removing medium to severe corrosion (e.g. intergranular, exfoliation) from thick materials. The wheels will remove metal/ substrate.	X	
	280 grit (2" D x 1/2" W x 1/4" shank)	5345-00-935-7869	EA			
	320 grit (3M No. 051144-96837) (3" D x 1" W x 1/4" shank)	Open Purchase	EA			
Abrasive Disk Kit for Composite Material Repair		5345-01-015-1419	KT	For use on composite and honeycomb materials ONLY. Comes with 3 disc holders and 150 discs of assorted grits in 1", 2", and 3" sizes (50 each).	X	
Rotary File, Tungsten Carbide (Fine Fluted)	A-A-51176 Cone shape	3455-00-293-3560	EA	Removing corrosion and underlying metal; attach to a pneumatic drill. NOTE: ONLY authorized for use at Depot level maintenance activities.	X	
	Cylindrical shape 1/4" dia. x 3/4" L	3455-00-293-3559	EA			
	1/4" dia. x 1" L	3455-00-293-3561	EA			

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Table 3-3. Corrosion Removal Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Buffing Wheel with Roloc Holder	3M No. 051131-07498 (4" D x 5/8" W x 3/8" shank)	3460-01-447-8021	BX (5)	Use for removing adhesives, sealants, vinyl stripping tapes, decals, graphics, double-sided molding tapes, and leading edge tapes without removing/damaging the under-coatings. Use with an air drill motor. Recommended operating speed is 2500 RPM. NOTE: Do not use on acrylic lacquer paints, or polycarbonate and acrylic plastics (canopies and windscreens).	X	
Optical Micrometer Kit	P/N: 966A1	6650-00-831-5532	EA	Inspection of corrosion prone areas.	X	
Depth Gage, Needle Point Dial Indicator	P/N: 6527281	5210-00-710-4359	EA	Precision measurement of corrosion damage with range of 0.0 to 0.125 inches.	X	
Magnifying Glass, Folding Pocket Type (Circular shape)	GG-M-95, Type III, Class C Double lens (5x, 20x)	6650-00-530-1880	EA	Detailed inspection of corrosion. Lenses pivot for single or combination use.	X	X
	Triple lens (5x, 7x, 10x)	6650-00-098-6128	EA			
Inspection Mirror, Spring Loaded, Plunger Actuated (Rectangular shape)	GGG-M-350, Type II, Class 3 Small (1.5" L x 1.25" W)	5120-00-278-9926	EA	Aid for inspecting hard to see corrosion areas.	X	X
	Large (2.625" L x 1.750" W)	5120-00-618-6902	EA			
Marking Pencil, Non-corrosive (7")	MIL-P-83953 Yellow Red	7510-00-537-6930 7510-00-537-6935	DZ DZ	Identification of corroded areas.	X	
Plater's Hand Brush, Curved Handle Style	H-B-178 Type I Class 2	7920-00-244-7431	EA	Removing corrosion products, paint film, and application of cleaning solvents.	X	
Hand Brush, Wooden Handle, Stainless Steel Fill	P/N: 15SS	7920-00-900-3577	EA	Removing corrosion products from aluminum.	X	
Flashlight, Metal	A-A-1382	6230-01-247-7549	EA	Use for corrosion inspection.	X	X
Flashlight, Metal (Rechargeable)	A-A-1382	6230-01-152-5952	EA	Use for corrosion inspection.	X	X
Scissors	GGG-S-278 Shears (9") Electricians' (5 1/4")	5110-00-161-6912 5110-01-336-5726	EA EA	Cutting tapes, cheesecloth, masking materials, and electrical wires	X	X
Blast Cleaning Machines, Cabinet, Stationary	MIL-C-83756 Type I	4940-00-242-3631	EA	Provides a shielded enclosure for portable honer operation. Used for abrasive cleaning of rust and corrosion products from avionic equipment structures and housings: CAUTION: Do not use on static sensitive devices and microminiature components. Do not use same blast media for removal of corrosion products on ferrous metals and non-ferrous aluminum alloys.		X
Ultraviolet Light		6635-00-611-5617 6635-00-952-9954 6635-01-075-5324 6635-01-133-5474 6635-01-150-1231 6635-01-234-7813 6635-01-504-4361	EA	For detecting solder flux on miniature and microminiature circuit boards. WARNING: Use with the filter provided in the kit. Ultraviolet light can be harmful to the eyes. Do not use a cracked, damaged, or undersized filter.		X

Table 3-4. Painting Equipment

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Paint Spray Gun, High-Volume/Low-Pressure (HVLP)	Binks Mach 1 Binks Mach 1 Outfit 98-1141 DeVilbiss JGHV-531-46FF DeVilbiss JGA-510 DeVilbiss EXL-520P DeVilbiss EXL-520S DeVilbiss EXL-620G AirVerter DT-3000 Detach III AirVerter AV-096/005 AirVerter GG-100	4940-01-345-2132 4940-01-445-9961 4940-01-315-8352 Open Purchase Open Purchase Open Purchase Open Purchase 4940-01-457-1936 4940-01-439-7406 4940-01-481-0571	EA EA EA EA EA EA EA EA EA EA	Paint gun only. Paint gun with 1 qt. cup and regulator. Paint gun only. Paint gun only. Paint gun only. Paint gun only. Paint gun only. Paint gun with 1 qt. cup. Paint gun with 1 qt. cup and inductor. Gravity feed paint gun only.	X	
Repair Kit, HVLP Paint Spray Gun	54-3605 (Gun Repair Kit) KK-4987-2 DT-3225 (Bench Parts Kit) DT-3227 (Hi-Wear Kit) AV-9625 (Bench Parts Kit) AV-9627 (Hi-Wear Kit) GG-125 (Hi-Wear Kit)	4005-01-454-7667 4940-01-046-9919 4940-01-502-1951 4940-01-502-1947 4940-01-439-7963 4940-01-439-7956 4940-01-489-5485	KT KT KT KT KT KT KT	For Binks' Mach 1 paint gun. For DeVilbiss' JGHV paint gun. For AirVerter's DT-3000 paint gun. For AirVerter's DT-3000 paint gun. For AirVerter's AV-096 paint gun. For AirVerter's AV-096 paint gun. For AirVerter's GG-100 paint gun.	X	
Touchup Paint Spray Gun, Suction/Pressure Feed, HVLP	Binks Mach 1 Cub DeVilbiss EGHV-605 AirVerter PT-100AC ProTouch	Open Purchase 4940-01-346-2236 4940-01-467-7160	EA EA EA	Touchup gun only. Touchup gun (EGHV-531-397E) with 8 oz. poly cup (TGS-503). Detail gun with 8 oz. cup and air control.	X	
Touchup Paint Spray Gun, Gravity Feed, HVLP	Binks M1-G DeVilbiss TGHV-635 DeVilbiss SRI-628-1.2 AirVerter CT-100 Stencil Pro	4940-01-432-9513 Open Purchase Open Purchase 4940-01-439-7460	EA EA EA EA	Touchup gun only. Touchup gun with 8 oz. aluminum cup. Touchup gun only. Mini detail gun with 4 oz. poly cup.	X	
Repair Kit, HVLP Touchup Paint Spray Gun	54-4367 (Gun Repair Kit) KK-5044 SRI-426 PT-225 (Bench Parts Kit) PT-227 (Hi-Wear Kit) CT-11 ((Hi-Wear Kit)	Open Purchase 4940-01-182-6975 Open Purchase 4940-01-502-3920 4940-01-502-3940 4940-01-439-7966	KT KT KT KT KT KT	For Binks' M1-G paint gun. For DeVilbiss' EGHV-531 paint gun. For DeVilbiss' SRI-628. For AirVerter's PT-100AC paint gun. For AirVerter's PT-100AC paint gun. For AirVerter's CT-100 paint gun.	X	
Replacement Cups for HVLP Spray and Touchup Guns	DeVilbiss TGS-503 DeVilbiss TLC-576 DeVilbiss KB-555 AirVerter PT-24	4940-00-222-2675 4940-00-190-5164 4940-01-106-1415 4940-01-395-8844	EA EA EA EA	Poly suction feed cup. Aluminum pressure feed cup. Aluminum pressure feed remote cup. Poly pressure feed cup assembly.	X	
Nozzles for HVLP Spray and Touchup Guns (for use with AirVerter)	MF-3100-6 (DT-3000 paint gun with 6" flexible end)	4940-01-457-3497	EA	Spraying hard to reach areas. Comes in fan or round spray pattern.	X	

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Table 3-4. Painting Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Hose Set and Assemblies for HVLP Pressure Feed Spray and Touchup Guns (all hose assemblies come with fittings)	KB-4004, 4' hose (air and fluid set)	Open Purchase	SE	For remote cup usage.	X	
	KB-4006, 6' hose (air and fluid set)	Open Purchase	SE	For remote cup usage.		
	AV-014-25, 3/8" I.D. x 25' (air hose assembly)	4720-01-457-4177	EA	Supply compressed air to the paint gun.		
	AV-016-25, 3/8" I.D. x 25' (fluid hose assembly)	4720-01-457-4186	EA	For remote pressure tank usage.		
	AV-014-50, 3/8" I.D. x 50' (air hose assembly)	4720-01-457-4173	EA	Supply compressed air to the paint gun.		
	AV-016-50, 3/8" I.D. x 50' (fluid hose assembly)	4720-01-457-4187	EA	For remote pressure tank usage.		
Metering Valve for HVLP Pressure Feed Spray Guns	HAV-500G	4820-00-410-8609	EA	Air pressure valve/regulator for both DeVilbiss and AirVerter paint spray and touchup guns.	X	
Compressed Air Separator (air regulator assembly)	MIL-S-12928				X	X
	Class 1 (1 regulator, 2 outlets) Class 2 (2 regulators, 4 outlets)	4940-00-242-4100 4940-00-242-4101	EA EA	Wall-mounted separators designed to remove oil, water, and foreign particles from compressed air and to regulate the delivery pressure of air used for spraying paint and pneumatic tools.		
Paint Brush, Flat, Metal Bound, Synthetic Fiber	H-B-420 Type II 1" wide 2" wide	8020-00-263-3866 8020-00-550-8359	EA EA	Paint touchup.	X	X
Artist Brush (3/8")	H-B-118	8020-00-597-4767	EA	Used for applying lacquer.	X	X
Artist Airbrush Kit (3 fl. oz.)	A-A-1533	7520-00-939-6179	EA	Spraying applicator for paints, preservatives, and other touch up materials.	X	X
Color Fandek	FED-STD-595	7690-01-162-2210	EA	A collection of standard colors used by the federal government to identify paints and coatings.	X	X
Stencil Marking Set, Gothic Style (made of Brass)	A-A-130 (supersedes RR-S-714) 1/2" size marking 1" 1 1/2" 2" 3" 4" 5"	7520-00-205-1760 7520-00-298-7043 7520-00-272-9680 7520-00-298-7044 7520-00-272-9683 7520-00-269-9012 7520-00-272-9684	SE SE SE SE SE SE SE	Reusable aircraft marking. Each set includes 1 ampersand, 1 apostrophe, 1 comma, 3 end pieces, 1 period, 2 spacers, 1 set of letters A thru Z, and 1 set of numerals "0" thru "9".	X	X
Stencilboard (100 sheets)	A-A-1733 (36" L x 24" W x 0.0165" thick)	9310-00-160-7858	PG	Preparation of stencils for painting.	X	X
Roller Kit, Paint	A-A-2851 Type VI 7" long, polyester cover, 3/8" nap 9" long, polyester cover, 3/8" nap	8020-00-597-4759 8020-00-689-5379	KT KT	Touch-up painting of aircraft and avionics housing surfaces.	X	X
Roller Cover	A-A-2851 Type II 7" long, acrylic, 3/8" nap 9" long, acrylic, 3/8" nap	8020-00-682-6489 8020-00-682-6491	EA EA	Replacement cover for roller handle.	X	X

Table 3-4. Painting Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Paint Mixer, Revolving Shaft and Agitator Type (electric motor driven)	A-A-59433 (supersedes MIL-M-3070) Type I - Revolving Shaft Mixer Class 1 - 1/2 hp (115V)	4940-00-221-1707	EA	Blends paints or oils by agitation.	X	X
	Type II - Agitator Type Mixer 1/4 hp (115V)	4940-00-243-2735	EA	1/4 pint to 1 gallon mixer.		
	1/3 hp (110V)	4940-00-243-2736	EA	1 to 5 gallon mixer.		
	1/3 hp (115V)	4940-00-251-6475	EA	1 to 5 gallon mixer.		
	1/3 hp (220V)	4940-00-254-8666	EA	1 to 5 gallon mixer.		
Spray Unit, Self Pressurized	MIL-S-22805 Model 8011 Power Pak	4940-00-803-6444	KT	Use for applying paints, degreasing compounds, preservatives, and other touchup materials.	X	
Paint Gun Washers (5 gal. capacity)	P/N: IT-200 (Mfr: Inland Technology)	4250-01-466-6473	EA	Automated, closed loop cleaning of paint guns and other painting equipment. Use only EP-921 and EP-1088 cleaning solvents with the IT-200 Washer. Ordering information for EP-921 is in Table 2-17.	X	
	P/N: A2014 Resin Pre-Filter (size: 10 Micron)	4250-01-381-8036	BX (12)	Replacement solvent pre-filter in the black filter housing of IT-200 Washer.		
	P/N: A2004 Filter Element (size: 0.5 Micron)	4250-01-381-8024 4250-01-455-6903	BX (12) BX (144)	Replacement polishing filter in the silver filter housing of IT-200 Washer.		
	P/N: UG6500USN (Mfr: UNI-RAM Corp.)	4940-21-921-1555	EA		X	
	P/N: UFS30-USN	4940-21-921-1762	EA	Filtration system.		
	P/N: 100-381N	Open Purchase	PG (3)	Replacement filter pad.		
	P/N: 120-350	5340-21-921-1870	PG (3)	Trigger holding clamp assembly.		
	P/N: 100-413F	Open Purchase	KT	Paint cup holder.		
	P/N: UG-45V (Mfr: AirVerter)	4940-01-467-7169	EA		X	
	P/N: UG-380 Filter Pad	4130-01-489-5982	PG (10)	Replacement filter pad for UG-45V gun washer.		
	P/N: UG-413K	Open Purchase	KT	Paint cup holder.		
	P/N: Pro-Wash Model 117438 (Mfr: Graco Inc.)	Open Purchase	EA	Model 117438 replaces Model 112636.	X	
	P/N: 236905	Open Purchase	KT	Paint gun washer kit.		
	P/N: 236905	Open Purchase	KT	Pot/Paint can washer kit.		
Gun Wrench	WR-103	5120-00-422-8932	EA	For adjusting DeVilbiss spray guns.	X	
Viscosity Cups (Stainless steel)	ANSI/NCSL Z540-1 Zahn S90 #2 (P/N: VI-2102) No. 2 EZ Cup (P/N: VI-EZ2)	6630-01-341-4571 6630-01-412-4906	EA EA	Adjusting viscosity of paints and sealants before applying.	X	
Wet Film Thickness Gauge, Paint (Comb type)	P/N: WF-CCD (Mfr.: Paul N. Gardner)	Open Purchase	EA	Measuring thickness of wet coatings.	X	
Psychrometer	A-A-2579 Pocket Sling Psychro-Dyne	6685-00-826-1662 6685-01-263-8370	EA EA	Measurement of relative humidity. Measurement of humidity and dew point.	X	

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Table 3-4. Painting Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Strainers, Paint Spray Gun	Disposable Strainer Medium mesh (6" in dia.)	5120-00-541-2028	PG(250)	Straining paint prior to spraying.	X	
	Gun Mounted Strainer P/N: VS-531	4940-00-497-0452	EA			
	In-Line Strainer P/N: VS-534	Open Purchase	EA			
Paint Sprayer's Sock, One size fits all (cotton)	P/N: SS-6 Knit Sock (Mfr.: Reaves and Co.)	8020-01-348-1315	PG(12)	Protects head and neck from paint overspray.	X	
Paint Sprayer's Hood, Disposable plastic (Blue)		4210-01-031-1094	BX (100)	Protects head and neck from paint overspray.	X	
PreVal Aerosol Sprayer		8020-01-496-2473	EA	Power unit only. Use for touch-up of small, spot paint system repairs. Ordering info. for 2 oz. paint bottles for use with the PreVal sprayer can be found in Tables 2-13 and 2-14.	X	X
Lids and Liners, Disposable, 3M Paint Preparation System (PPS)	P/N: 16114 (Mini)	4940-01-525-1234	CS (50)	For 6 OZ (150 ml).	X	
	P/N: 16000 (Standard)	4940-01-525-1228	CS (50)	For 20 OZ (650 ml).		
	P/N: 16024 (Large)	4940-01-525-1251	CS (25)	For 28 OZ (850 ml).		
Mixing Cups and Collars, Hard, 3M Paint Preparation System (PPS)	P/N: 16115 (Mini)	4940-01-526-2391	CS (8)	For 6 OZ (150 ml).	X	
	P/N: 16001 (Standard)	4940-01-526-2377	CS (8)	For 20 OZ (650 ml).		
	P/N: 16023 (Large)	4940-01-526-2383	CS (4)	For 28 OZ (850 ml).		
Mylar Film Inserts, 3M Paint Preparation System (PPS)	P/N: 16066 (Mini)	4940-01-526-3044	CS (50)	For 6 OZ (150 ml).	X	
	P/N: 16065 (Standard)	4940-01-526-3024	CS (100)	For 20 OZ (650 ml).		
	P/N: 16091 (Large)	4940-01-526-3033	CS (100)	For 28 OZ (850 ml).		
Lid Dispenser, 3M Paint Preparation System (PPS)	P/N: 16099	Open Purchase	CS	For use with large and medium lids.	X	
Liner Dispenser, 3M Paint Preparation System (PPS)	P/N: 16019	Open Purchase	CS	For use with large and medium liners.	X	
Paint Gun Hanger, 3M Paint Preparation System (PPS)	P/N: 16011	Open Purchase	CS (5)		X	
Squeeze Bottle, 3M Paint Preparation System (PPS)	P/N: 37720	Open Purchase	CS (24)	Use for cleaning 3M PPS.	X	
Carrier, 3M Paint Preparation System (PPS)	P/N: 16010	Open Purchase	CS		X	

Table 3-4. Painting Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Paint Gun Adapters, 3M Paint Preparation System (PPS)	P/N: 16003 (#2 Adapter)	4730-01-526-2543	CS (4)	AirVerter GG-100	X	
	P/N: 16005 (#4 Adapter)	4730-01-526-2547	CS (4)	DeVilbiss Finishline (FLG-513, FLG-626, FLG-635)		
	P/N: 16006 (#5 Adapter)	4730-01-526-2556	CS (4)			
	P/N: 16007 (#6 Adapter)	4730-01-526-2779	CS (4)			
	P/N: 16008 (#7 Adapter)	4730-01-526-2785	CS (4)			
	P/N: 16015 (#8 Adapter)	4730-01-526-2791	CS (4)			
	P/N: 16016 (#9 Adapter)	4730-01-526-2800	CS (4)			
	P/N: 16017 (#10 Adapter)	4730-01-526-2807	CS (4)			
	P/N: 16018 (#11 Adapter)	4730-01-526-2813	CS (4)			
	P/N: 16022 (#12 Adapter)	4730-01-526-2825	CS (4)			
	P/N: 16053 (#14 Adapter)	4730-01-526-2830	CS (4)	Binks Mach 1 Cub SLG, DeVilbiss SRi-628		
	P/N: 16046 (#15 Adapter)	4730-01-526-2989	CS (4)	Binks M1-G		
	P/N: 16111 (#17 Adapter)	4730-01-526-2845	CS (4)			
	P/N: 16054 (#18 Adapter)	4730-01-526-2851	CS (4)	Binks Mach 1, DeVilbiss JGHV-531, AirVerter DT-3000 Detach III		
	P/N: 16103 (#19 Adapter)	4730-01-526-2996	CS (4)			
	P/N: 16104 (#20 Adapter)	4730-01-526-2895	CS (4)			
	P/N: 16105 (#21 Adapter)	4730-01-526-2969	CS (4)	AirVerter CT-100 Stencil Pro		
	P/N: 16106 (#22 Adapter)	4940-01-528-2398	CS (4)			
	P/N: 16109 (#23 Adapter)	4730-01-526-2982	CS (4)	DeVilbiss EGHV-531, Binks Mach 1 Cub, AirVerter PT-100AC ProTouch		
	P/N: 16110 (#24 Adapter)	4730-01-526-2976	CS (4)	DeVilbiss TGHV-635		
	P/N: 16116 (#25 Adapter)	4730-01-526-2537	CS (4)			

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Table 3-5. Safety Equipment
 (see Figures 3-1 through 3-4 at the end of this chapter for illustrations of some items in this section).

NOTE

Consult local Safety Office for Personal Protective Equipment (PPE) requirements. The local Safety Office has authority to substitute equivalent safety accessories when appropriate.

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Particulate Respirator (Mask), Disposable	3M No. 8511	4240-01-247-2348	BX (80)	Protection from inhalation of particulates during light sanding and grinding operations.	X	X
Full Facepiece Respirator, Air Filtering (w/o cartridges)	3M No. 7800S (Small) 3M No. 7800S (Medium) 3M No. 7800S (Large)	4240-01-314-2780 4240-01-342-5239 4240-01-301-3200	EA EA EA	Personnel protection from organic vapors, dust, and paint sprays in nonconfined areas during spraying operations.	X	X
Full Facepiece Respirator, Air Filtering (w/o cartridges)	3M No. 6700 (Small) 3M No. 6800 (Medium) 3M No. 6900 (Large)	4240-01-454-8531 4240-01-454-8535 4240-01-454-8538	BX (4) BX (4) BX (4)	Personnel protection from organic vapors, dust, and paint sprays in nonconfined areas during spraying operations.	X	X
Half Facepiece Respirator, Air Filtering (w/o cartridges)	3M No. 7501 (Small) 3M No. 7502 (Medium) 3M No. 7503 (Large)	4240-01-495-1294 4240-01-495-1293 4240-01-495-1291	BX (10) BX (10) BX (10)	Personnel protection from organic vapors, dust, and paint sprays in nonconfined areas during spraying operations.	X	X
Filter Cartridges, P100 Organic Vapor	3M No. 60921	4240-01-455-7353	BX (60)	For use with 3M's half and full facepiece respirators.	X	X
Respirator Lens for 3M Full Facepiece Respirators (plastic film)	3M No. 7884	4240-01-247-8929	BX (5)	Replacement lens for the 7800S series respirators.	X	X
	3M No. 6898	Open Purchase	BX (5)	Replacement lens for the 6000 series respirators.		
Lens Covers, Peel-away for 3M Full Face Respirators	3M No. 7899-25 3M No. 7899-100 3M No. 6885-100	4240-01-248-4634 4240-01-248-6435 4240-01-455-2787	BX (25) BX(100) BX(100)	For 7800S series respirators. For 7800S series respirators. For 6800 series respirators.	X	X
Inhalation Valve for 3M Facepiece Respirators	3M No. 7282 3M No. 6894 3M No. 7582	4240-01-248-2607 4240-01-455-2811 4246-01-495-1303	BX(200) BX(200) BX(10)	For 7800S series respirators. For 6800 series respirators. For 7500 series respirators.	X	X
Exhalation Valve for 3M Facepiece Respirators	3M No. 7283 3M No. 6889 3M No. 7583	4240-01-248-2608 4240-01-455-2809 4246-01-495-1305	BX (50) BX (10) BX (10)	For 7800S series respirators. For 6800 series respirators. For 7500 series respirators.	X	X
Tyvek Shroud for 3M Full Facepiece Respirators	3M No. 7915-5	4240-01-320-1957	PG (5)	Protects head and neck from paint overspray.	X	X
Spectacle Kit for 3M Full Facepiece Respirators	3M No. 6878	4240-01-455-2346	EA	Consists of frame and retainer clip. Use on 6000 Series Facepiece.	X	X
	3M No. 7925	4240-01-395-4128	EA	For use with prescription lenses. Use on 7800S Series Facepiece.		
Head Harness Assembly, Facepiece Respirators	3M No. 7581 3M No. 78935 3M No. 6897	4240-01-496-4143 Open Purchase Open Purchase	BX (20) BX (2) BX (5)	Replacement for 7500 series respirators. Replacement for 7800 series respirators. Replacement for 6800 series respirators.	X	X
Respirator Cleaning Wipes (alcohol-free towelettes)	3M No. 504	Open Purchase	BX (500)	Hygienic cleaning of respirators and other personal protective gear/equipment.	X	X
Air Breathing Pump, Pneumatic Driven, Portable	NF-1100 (supersedes NF15-3) (Mfr.: RhineAir) ADP-16 (Mfr.: Bullard)	4240-01-363-4699	EA	Supply air to hoods and facepiece respirators.	X	X
		4310-01-168-7302	EA	NOTE Use MIL-PRF-32033 or 10 wt. oil equivalent (MIL-PRF-17672) to fill in-line oiler of air motor after each use, as required, to maintain lubrication and prevent motor oxidation.		

Table 3-5. Safety Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Replacement Filter Cartridges for Breathing Pumps	CF8080 (Mfr.: RhineAir)	4240-01-084-0921	BX (10)	For use with RhineAir's NF-1100 and NF15-3 pumps.	X	X
Inlet Compressed Air Hose Assembly, 1/2" ID Hose w/ 3/8" ID Orifice Fittings	ED1313B-50 (50 ft.) ED1313B-100 (100 ft.)	4240-01-251-8159 4240-01-251-8160	EA EA	Only use for supplying compressed air to air motor on breathing unit. These inlet hose assemblies can be used with both RhineAir and Bullard units.	X	X
Replacement Inlet Hose, Quick Disconnect Fittings	3L25 (Male Plug) 3R25 (Female Coupler)	4730-01-442-1809 4730-01-442-1808	EA EA	Replacement fittings for the ED1313B inlet air hose assembly.	X	X
Outlet Manifold, Quick Disconnect (Female Coupler Assembly)	ED-06-430 (Mfr.: RhineAir)	Open Purchase	EA	Connects respirator air hose assembly to breathing pump. Can be used with both Rhine-Air and Bullard units.	X	X
Glove, Cotton (Natural)	A-A-1665 Large	8415-00-268-8330	PR	General purpose protective wear for hands.	X	
Gloves, Cloth, Vinyl Dipped, Chemical and Oil Protective (Black)	A-A-50370 (supersedes MIL-G-82253) Medium Large Universal (one size)	8415-00-916-2817 8415-00-916-2818 8415-00-935-2833	PR PR PR	General purpose protective wear for hands. Rubberized for better grip.	X	X
Gloves, Rubber, Industrial (Black)	MIL-G-12223 X-Small (Size 8) Small (Size 9) Medium (Size 10) Large (Size 11) X-Large (Size 12)	8415-00-753-6550 8415-00-753-6551 8415-00-753-6552 8415-00-753-6553 8415-00-753-6554	PR PR PR PR PR	Heavy duty protective wear for hands while handling solvents, chemical paint removers, paints, sealants, or other materials which may be injurious to the skin. Gloves are not designed for electrical or chemical warfare activities.	X	X
Gloves, Chemical and Oil Protective, Abrasion Resistant (Green)	MIL-G-87066 X-Small (Size 7) Small (Size 8) Medium (Size 9) Large (Size 10) X-Large (Size 11)	8415-01-147-6263 8415-01-147-9540 8415-01-012-9294 8415-01-013-7382 8415-01-013-7384	PR PR PR PR PR	Protective wear for hands during aircraft detergent wash operations.	X	X
Gloves, Disposable, Nitrile Rubber, Pre-Powdered, Ambidextrous (Light blue)	P/N: 7005 Small Medium Large X-Large	8415-01-352-6556 8415-01-352-6553 8415-01-352-6554 8415-01-352-6555	BX (20) BX (20) BX (20) BX (20)	General purpose protective wear for hands.	X	X
Gloves, Disposable, Latex Rubber, Pre-Powdered, Ambidextrous (Natural)	A-A-53513 (supersedes MIL-G-36592) Small Medium Large	6515-01-365-6183 6515-01-364-8553 6515-01-364-8554	PG (100) PG (100) PG (100)	General purpose protective wear for hands.	X	X
Coveralls, Cotton, Hook-Pile Fastener Tape (Green)	MIL-C-2202 Small (Size 42) Medium (Size 46) Large (Size 50) X-Large (Size 54) XX-Large (Size 58)	8405-00-131-6507 8405-00-131-6508 8405-00-131-6509 8405-00-131-6510 8405-00-131-6511	EA EA EA EA EA	Protective clothing for corrosion maintenance personnel.	X	X
Coveralls, One-piece, Disposable, Fire Resistant and Water Repellent (White)	A-A-50358 X-Small Small Medium Large X-Large XX-Large	8415-00-601-0792 8415-00-601-0793 8415-00-601-0794 8415-00-601-0797 8415-00-601-0801 8415-00-601-0802	EA EA EA EA EA EA	Protective clothing for corrosion maintenance personnel to protect against dirt, grease, paint, and low-hazard contaminants.	X	X

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Table 3-5. Safety Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Coveralls with Hood and Bootees, Disposable, "Bunny Suit" (White)	A-A-55196 Type I (supersedes MIL-C-87069) Small/Medium Large/X-Large XX-Large	8415-01-445-6565 8415-01-445-6568 8415-01-445-6588	EA EA EA	Protective clothing for corrosion maintenance personnel.	X	X
Overalls, Wet Weather (Green)	MIL-O-22776 Small Medium Large X-Large	8405-00-985-7327 8405-00-985-7328 8405-00-985-7329 8405-00-985-7330	PR PR PR PR	Protective clothing for aircraft maintenance operations.	X	
Parka, Wet Weather (Green)	MIL-P-82277 X-Small Small Medium Large X-Large	8405-00-924-7935 8405-00-924-7936 8405-00-924-7937 8405-00-924-7938 8405-00-924-7939	EA EA EA EA EA	Protective clothing for aircraft maintenance operations.	X	
Jacket, Extreme Cold Weather (Green)	MIL-J-82299 Small Medium Large X-Large XX-Large	8415-00-349-9313 8415-00-349-9314 8415-00-349-9315 8415-00-349-9316 8415-00-349-9317	EA EA EA EA EA	Protective outerwear for aircraft maintenance operations.	X	
Trousers, Extreme Cold Weather	MIL-T-21705 Small (Size 27 to 30) Medium (Size 31 to 34) Large (Size 35 to 38) X-Large (Size 39 to 42) XX-Large (Size 43 to 46)	8415-00-575-1225 8415-00-575-1230 8415-00-575-1240 8415-00-575-1246 8415-00-575-1247	EA EA EA EA EA	Protective outerwear for aircraft maintenance operations.	X	
Knee Pads, Strap-on, Industrial, Plastic		4240-00-595-3861	PR	Protection of knees with two adjustable web straps with buckles.	X	
Firemen's Boots, Knee Length (Black)	A-A-50371 Size 7 Size 8 Size 9 Size 10 Size 11 Size 12 Size 13 Size 14 Size 15	8430-00-753-5937 8430-00-753-5938 8430-00-753-5939 8430-00-753-5940 8430-00-753-5941 8430-00-753-5942 8430-00-753-5943 8430-00-753-5944 8430-00-753-5945	PR PR PR PR PR PR PR PR PR	Protective outerwear for aircraft maintenance operations.	X	
Footwear Covers for Aircraft Washdown	Medium Large X-Large	8430-00-911-2458 8430-00-911-2459 8430-00-911-3771	PR PR PR	Eliminates boot marks from aircraft surfaces painted with tactical scheme; increases traction.	X	
Apron, Utility, Full Length, Rubber, Acid Resistant (Black in color)	A-A-3104 (supersedes ZZ-A-605) (45" L x 35" W)	8415-00-634-5023	EA	Protective clothing against chemical splashes for corrosion maintenance personnel.	X	
Face Shield, Industrial, Adjustable	A-A-1770 (supersedes L-F-36) Plastic (9" x 18" window)	4240-00-542-2048	EA	Protection of eye and face when cutting, grinding, or chipping metal or when handling hazardous chemicals. NOTE: Face shield is not for primary protection and should always be used with goggles.	X	X
Goggles, Plastic, Safety-type (adjustable headband)	A-A-1110	4240-00-052-3776	PR	Eye protection. Can be worn over eyeglasses. Goggles are ventilated to reduce fogging.	X	X

Table 3-5. Safety Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Goggles, Plastic, Splash-proof, Indirect Venting (Light-green)	A-A-1110	4240-01-082 8928	EA	Protection of eyes from chemical splashes, impacts, and sparks. Ventilated for comfort and provides airflow to minimize lens fogging.	X	X
Earplugs, Disposable, Vinyl foam material (Yellow)	P/N: 4-375	6515-00-137-6345	BX(400)	Hearing protection.	X	X
Hearing Protector (Head-phone style with extra set of seals)	A-A-58084	4240-00-022-2946	EA	Hearing protection. Fits securely over ears to help prevent hearing loss or damage in loud work areas	X	X
Aural Protector	MIL-A-23899 Ear Muffs Replacement Seal	4240-00-759-3290 4240-00-979-4040	EA PR	Hearing protection.	X	X
Gloves, Leather Palm	A-A-50016 (supersedes JJ-G-451) Universal Medium	8415-00-268-8350 8415-00-634-4661	PR PR	Recommended for use when handling composite materials.	X	
Goggle, Military, Flight Deck (Charcoal gray)	P/N: ESS01CB-NV (Mfr: Eye Safety Systems Inc.)	4210-01-492-5720	EA	Eye protection from wind, dust, debris, and ultraviolet exposure. Use with cranial-style helmets. Available with clear and smoke gray ballistic lenses.	X	

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Table 3-6. Sealing Equipment

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Sealant Dispensing Gun with 2.5 oz. Metal Retainer, Manual	Model 850 Gun (P/N: 221824)	5120-01-135-8344	EA	Application of sealants and adhesives.	X	
Sealant Dispensing Gun with 6 oz. Metal Retainer, Manual	Model 850 Gun (P/N: 221830)	5120-00-952-3507	EA	Application of sealants and adhesives.	X	X
Sealant Dispensing Gun with 2.5 oz. Metal Retainer, Pneumatic	Model 250-A Gun (P/N: 250255)	5130-00-323-2287	EA	Application of sealants and adhesives. Gun handle is removable to allow for easier access in confined areas.	X	
Sealant Dispensing Gun with 6 oz. Metal Retainer, Pneumatic	Model 250-A Gun (P/N: 250065)	5130-00-924-6396	EA	Application of sealants and adhesives. Gun handle is removable to allow for easier access in confined areas.	X	
Repair Kit for Pneumatic Sealant Dispensing Gun	P/N: 240020 (Mfr.: PRC-DeSoto International)	Open Purchase	KT	Model 250-A gun valve repair kit.	X	
Replacement Retainers for Manual Sealant Guns	Model 850 Retainers P/N: 226819 P/N: 226820	5120-01-247-1639 5340-01-384-6120	EA EA	2.5 oz. metal retainer. 6 oz. metal retainer.	X	X
Replacement Retainers for Pneumatic Sealant Guns	Model 250 Retainers P/N: 220256 P/N: 220928	5120-00-693-8069 5120-00-693-8070	EA EA	2.5 oz. metal retainer. 6 oz. metal retainer.	X	
Hose Assemblies for Pneumatic Sealant Guns	5 ft. Hansen hose assembly (P/N: 280000) 10 ft. Hansen hose assembly (P/N: 280001) 20 ft. Hansen hose assembly (P/N: 280003) 25 ft. Hansen hose assembly (P/N: 280004)	4720-00-956-5312 4720-00-956-5313 4720-01-329-8602 4720-00-080-5159	EA EA EA EA	Replacement hose for Model 250-A gun. All assemblies come with a B-nut fitting and a quick disconnect attachment.	X	
Wrench for Pneumatic Sealant Guns	P/N: 240018	5120-00-996-1565	EA	Service wrench for adjusting pneumatic sealant guns.	X	
Mechanical Balance Beam (Dial-O-Gram Balance)	P/N: 1650 (Mfr.: Ohaus Corp.)	6670-00-957-3781	EA	Use for weighing out the proper ratio of base and accelerator to prepare sealant.	X	
Disposable Plastic Cartridges, Plungers, Seals, and Caps for Manual and Pneumatic Sealant Guns	Cartridges 2.5 oz. HD (P/N: 220323) 6 oz. HD (P/N: 220318) Wiper Plungers WP-Plunger LD (P/N: 220259) Threaded Cap TC-Seal (P/N: 234411) Flange Cap F-Cap (P/N: 220238)	5120-00-670-3295 5120-00-673-1886 5120-00-276-9422 Open Purchase 8125-00-410-8501	EA EA EA EA EA	Empty cartridges for dispensing two-part sealants using the Model 250-A gun. Use to assure complete dispensing and elimination of waste from cartridge. Fits both 2.5 and 6 oz. cartridges. Use to cap and prevent leakage. Fits both 2.5 and 6 oz. cartridges. Use to prevent contamination. Fits both 2.5 and 6 oz. cartridges.	X	
Sealant Smoothing Tools, Plastic	Sealant Spatulas P/N: 231349 P/N: 226241 P/N: 226242 P/N: 226243 Spatula Kit P/N: 226244 Sealant Scraper P/N: 234350 Sealant Spreader P/N: 229394 Comb Spreader P/N: 229395	5120-01-337-9415 5120-01-297-7015 5120-01-297-7016 5120-01-297-7017 5120-00-056-3237 5120-01-298-6121 5120-01-337-9416 Open Purchase	EA EA EA EA KT EA EA EA	Spatulas and spreaders for tooling and smoothing sealants and adhesives. The kit includes spatulas with P/Ns: 226241, 226242, and 226243. Used for sealant removal from all surfaces. Used for spreading sealants or adhesives onto flat surfaces. Used to spread sealants or adhesives while maintaining a uniform thickness.	X	X

Table 3-6. Sealing Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Plastic Nozzles with 1/4" NPT male threaded end, Disposable	Standard nozzles			See Volume II, Figure 7-3, for dimensions and drawing of nozzles.	X	
	No. 252 (P/N: 220538)	5120-00-167-0150	EA			
	No. 254 (P/N: 220540)	5120-00-673-1885	EA			
	No. 255 (P/N: 233495)	Open Purchase	EA			
	No. 410 (P/N: 220542)	5120-00-801-0949	EA			
	No. 410 (P/N: 220543)	5120-00-055-4063	EA	45 degree angle.		
	No. 415 (P/N: 227613)	5120-01-386-4480	EA			
	No. 420 (P/N: 220544)	5120-00-042-6577	EA			
	No. 430 (P/N: 220548)	5120-00-967-8151	EA			
	No. 430 (P/N: 220549)	5120-00-055-4062	EA	45 degree angle.		
	No. 440 (P/N: 220550)	5120-00-773-3791	EA			
	No. 620 (P/N: 220553)	5120-00-167-0152	EA			
	No. 620 (P/N: 220554)	5120-00-966-5373	EA	45 degree angle.		
	No. 640 (P/N: 220555)	5120-00-822-7194	EA			
	No. 640 (P/N: 220556)	5120-00-167-0153	EA	30 degree angle.		
	No. 640 (P/N: 220551)	5120-00-670-1186	EA	45 degree angle.		
	No. 650 (P/N: 224494)	Open Purchase	EA			
	No. 820 (P/N: 220557)	5120-00-966-8270	EA			
	No. 840 (P/N: 220558)	5120-00-966-5371	EA	45 degree angle with 1/16" orifice.		
	No. 840 (P/N: 220559)	5120-00-966-5372	EA			
	No. 840 (P/N: 220560)	5120-00-966-5382	EA	45 degree bend with 1/8" orifice.		
	No. 8690 (P/N: 220606)	5120-00-966-8243	EA	9" vent duct nozzle.		
	No. 1002 (P/N: 220561)	5120-00-055-4055	EA			
	No. 1004 (P/N: 220563)	5120-00-055-4054	EA			
	No. 1010 (P/N: 220565)	5120-00-055-4058	EA			
	Fillet nozzles			Applying sealant fillets over lap joints.		
	No. 425 (P/N: 232499)	5120-01-386-4274	EA			
	No. 426 (P/N: 232500)	Open Purchase	EA			
	No. 427 (P/N: 232501)	Open Purchase	EA			
	No. 428 (P/N: 232502)	Open Purchase	EA			
	No. 429 (P/N: 232590)	Open Purchase	EA			
	Ribbon nozzles					
	No. 8607 (P/N: 220568)	5120-00-966-5381	EA			
	No. 8608 (P/N: 220569)	5120-00-966-8244	EA			
	No. 8610 (P/N: 220570)	5120-00-299-6790	EA			
	No. 8613 (P/N: 220572)	5120-00-966-5379	EA			
	No. 8615 (P/N: 220574)	5120-00-966-5378	EA			
	No. 8616 (P/N: 220577)	Open Purchase	EA	2 3/16" for windshield fillet.		
	No. 8630 (P/N: 220581)	5120-00-966-5377	EA			
	No. 8630-9 (P/N: 220582)	5120-00-966-5376	EA			
	No. 8642 (P/N: 220585)	5120-00-293-4676	EA			
	No. 8643 (P/N: 220586)	5120-00-775-1670	EA			
	No. 8645 (P/N: 220587)	5120-00-138-1658	EA			
	No. 8646 (P/N: 220588)	5120-00-966-5374	EA			
	No. 8648 (P/N: 220589)	5120-00-966-5375	EA			
	Extension nozzle					
	No. 600E (P/N: 220552)	5120-00-670-1187	EA	6 3/8" extension.		
	Floorboard nozzle					
	P/N: 231674	Open Purchase	EA			
	Funnel nozzle					
	1" (P/N: 231718)	Open Purchase	EA			
	2" (P/N: 231348)	Open Purchase	EA			
	Nozzle adapter					
	P/N: 229306	Open Purchase	EA	1/4 NPT female thread.		
	Edge fill nozzle					
	No. 444 (P/N: 234164)	Open Purchase	EA	Nozzle gives a slightly rounded edge fill and has a 0.40" thick flange to guide along panel edge.		

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Table 3-6. Sealing Equipment (Cont.)

Nomenclature	Specifications/Part No.	National Stock Number	Unit of Issue	Intended Use	Usable On	
					AC	AV
Fastener Sealing Nozzles (Countersink Nozzles)	Size: 3/32" - 1/8" (P/N: 233244) Size: 3/16" - 1/4" (P/N: 233243) Size: 5/16" - 3/8" (P/N: 233451) Size: 1/4" hole (P/N: 231319) Size: 5/16" hole (P/N: 231320) Size: 3/8" hole (P/N: 231321) Size: 7/16" hole (P/N: 231560) Size: 1/2" hole (P/N: 231559)	Open Purchase Open Purchase Open Purchase Open Purchase Open Purchase Open Purchase Open Purchase Open Purchase	EA EA EA EA EA EA EA EA	Use to apply the required amount of sealant into the countersink area of fastener holes prior to installation. Comes with a threaded end to fit into cartridges. The nozzles are color coded for identification.	X	
Rivet Nozzles	Size: 3/32" (P/N: 234285) Size: 1/8" (P/N: 226837) Size: 5/32" (P/N: 226838) Size: 3/16" (P/N: 226839) Size: 3/16" - 120 (P/N: 234260) Size: 7/32" (P/N: 234284) Size: 1/4" (P/N: 226840) Size: 5/16" (P/N: 233051) Size: 3/8" (P/N: 233052)	Open Purchase 5120-01-413-8733 Open Purchase Open Purchase Open Purchase Open Purchase 5120-01-416-1683 Open Purchase Open Purchase	EA EA EA EA EA EA EA EA EA	Use to apply the required amount of sealant into the countersink and hole prior to fastening parts with rivets. The spring-loaded tip of the nozzle acts as a check valve allowing precise shots of material to be dispensed. Comes with a threaded end to fit into cartridges. The nozzles are color coded for identification.	X	
Roller Nozzles with 1/4" NPT male threaded end	Roller nozzle assembly 1" (P/N: 232693) 2" (P/N: 232692) Replacement roller 1" (P/N: 232701) 2" (P/N: 232702)	Open Purchase Open Purchase 5120-01-440-6984 Open Purchase	EA EA EA EA	Use to apply adhesives and sealants evenly over wide areas of substrate (e.g. faying surface). Use with any disposable cartridge. Can be solvent cleaned for reuse.	X	
Mixing Stick, Sealant, Wooden	P/N: 321 or 706 (6" L x 3/4" W)	6515-00-324-5500	PG (12, 100 BX)	Use for hand mixing small amounts of sealants.	X	X
Mixing Cup, Sealant, Plastic Coated Paper (White)	A-A-2577 Type II Style A Class 3 (supersedes UU-C-806) Size: 8 oz.	7350-00-641-4520	BX (1000)	Use for hand mixing small amounts of sealants.	X	X
Sealing Machine, Electric Jaw	A-A-2953 6" jaw 14" jaw	3540-00-293-0377 3540-00-299-9811	EA EA	Used to seal heat sealable, flexible transparent/translucent packaging films		X

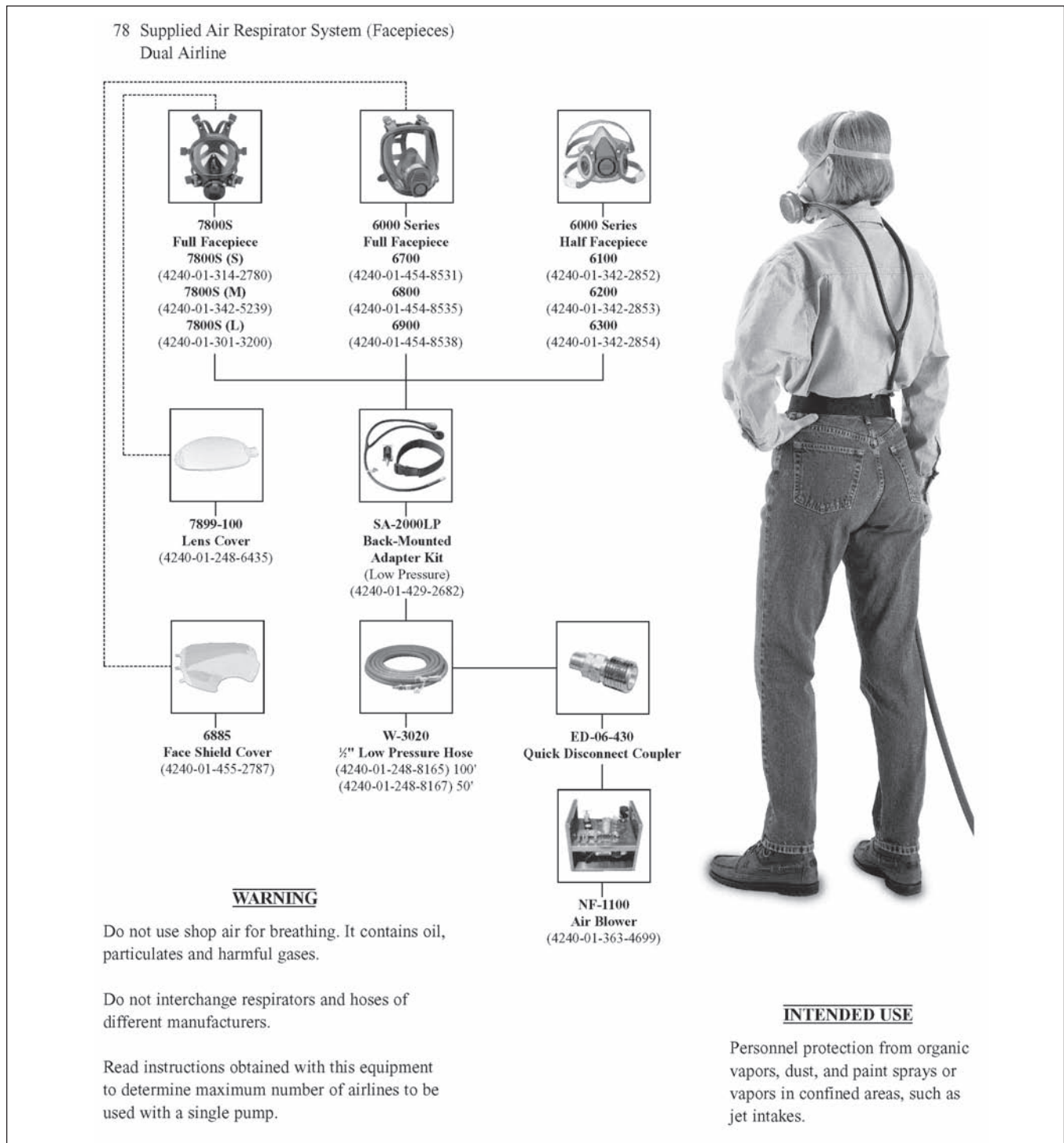


Figure 3-1. Back Mounted Full Facepiece Respirator

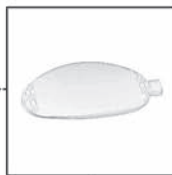
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78 Supplied Air Respirator System (Facepiece)
Continuous Flow Low Pressure



7800S (S)
 (4240-01-314-2780)
7800S (M)
 (4240-01-342-5239)
7800S (L)
 (4240-01-301-3200)



7899-100
Lens Cover
 (4240-01-248-6435)



W-3197
Low Pressure Air Regulating Kit
 (4240-01-251-8165)

For use with W-3020 1/2" ID hose.

Includes 1 each of the following:

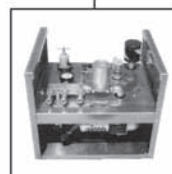
- W-3187 adapter assembly (4240-01-380-4955)
- W-3188 breathing tube (4240-01-380-4942)
- W-3195 low pressure connector (4240-01-251-8167)
- W-3217 waist belt (4240-01-301-4375)
- W-3229 shoulder strap (4240-01-314-4568)
- 7890 plug for facepiece port



W-3020
1/2" Low Pressure Hose
 (4240-01-248-8165) 100'
 (4240-01-248-8167) 50'



ED-06-430
Quick Disconnect Coupler



NF-1100
Air Blower
 (4240-01-363-4699)

INTENDED USE

Personnel protection from organic vapors, dust, and paint sprays or vapors in confined areas, such as jet intakes.

WARNING

Do not use shop air for breathing. It contains oil, particulates and harmful gases.

Do not interchange respirators and hoses of different manufacturers.

Read instructions obtained with this equipment to determine maximum number of airlines to be used with a single pump.

Figure 3-2. Front Mounted Full Facepiece Respirator

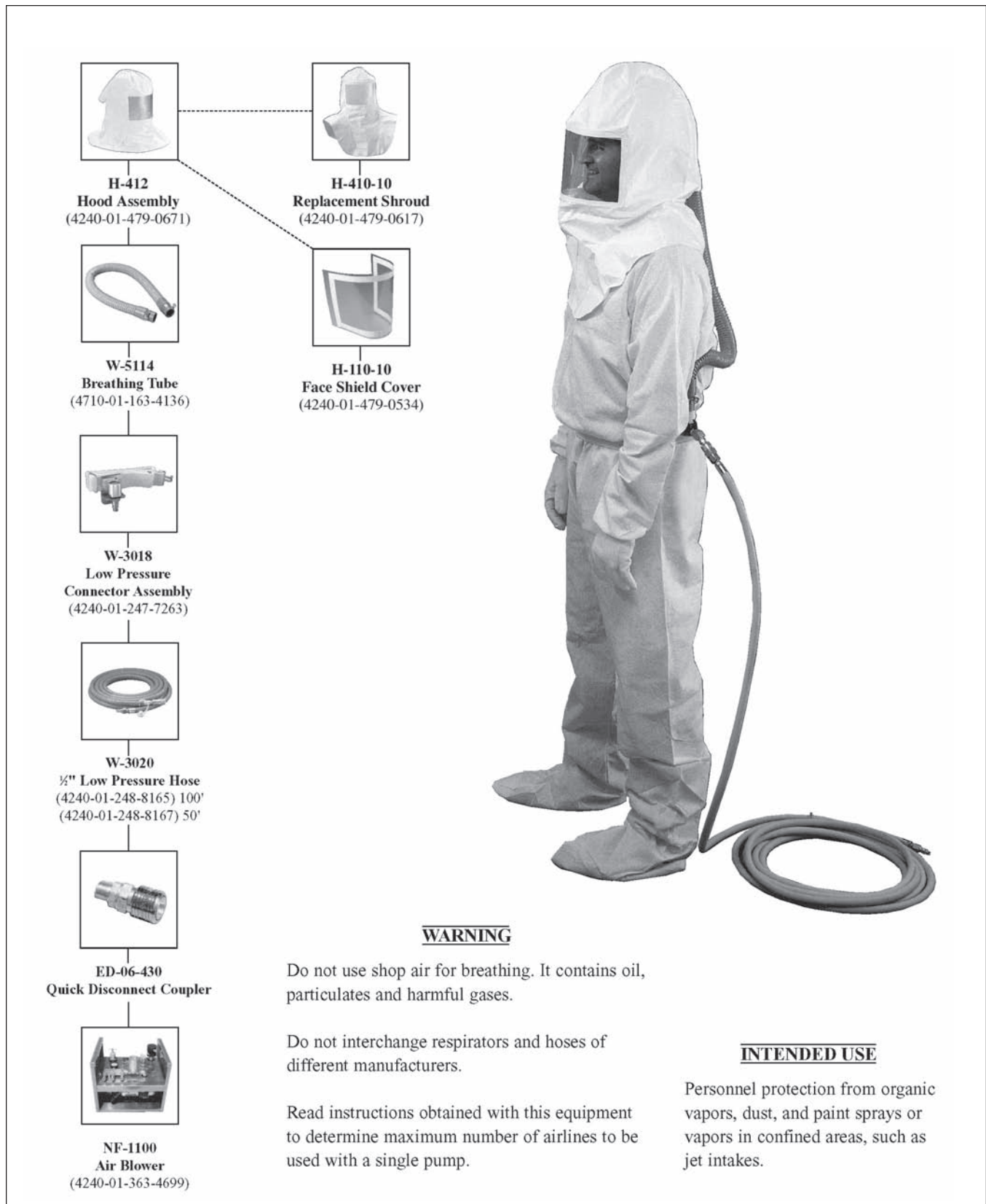


Figure 3-3. Hooded Air Respirator System

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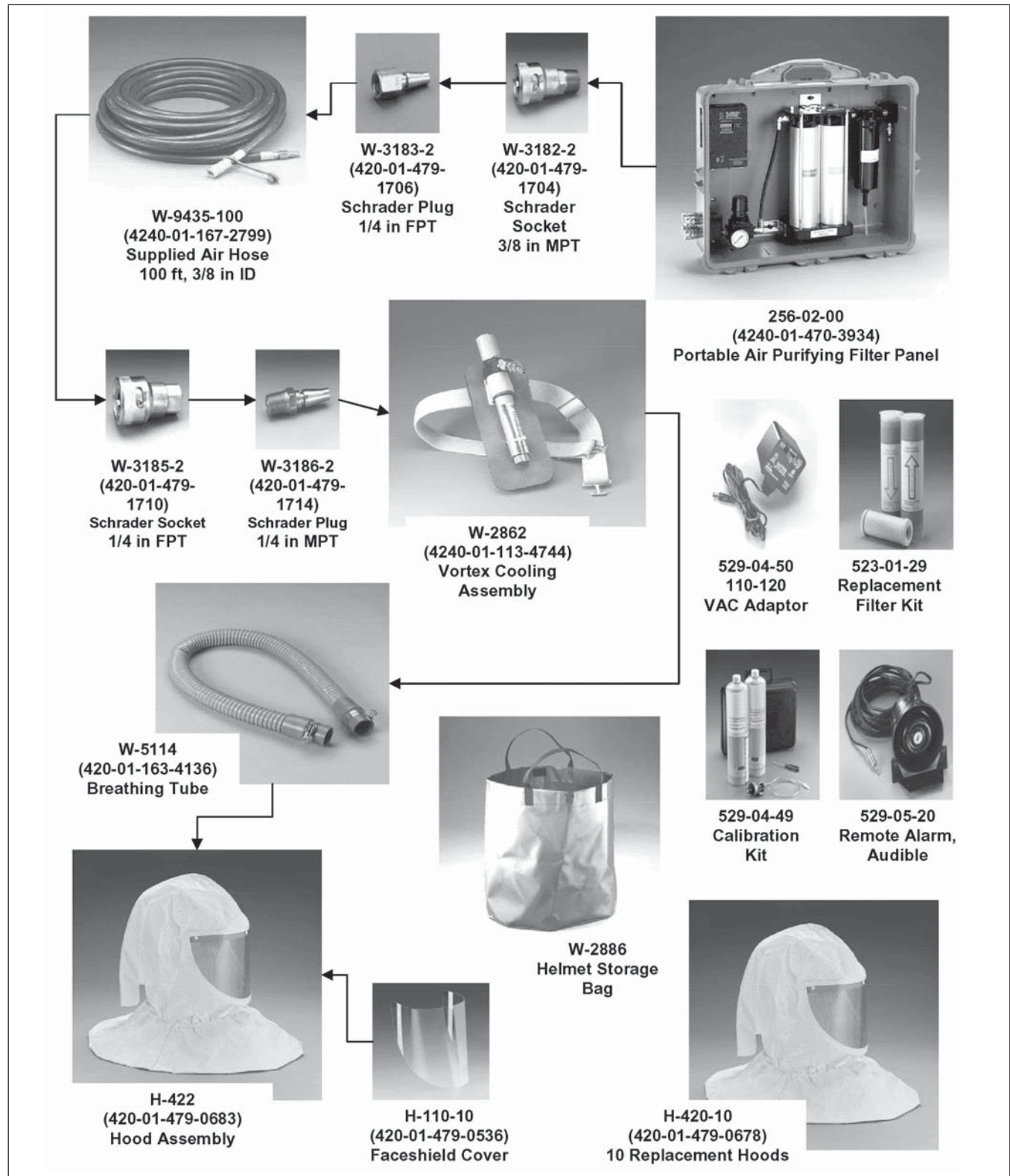


Figure 3-4. Supplied Air Cooling Respiratory Protection System

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CHAPTER 4 SPECIAL AVIONIC EQUIPMENT

4-1. INTRODUCTION. Table 4-1 describes the special cleaning equipment used in the avionic corrosion control work center. Pending standardization of support equipment to be used for avionic cleaning, only equipment that meets the general procedures and limitations of Volume III should be used.

Table 4-1. Special Support Equipment for Avionics Cleaning

Nomenclature	Characteristics
Aqueous Ultrasonic Cleaner	Tank dimensions: 18" wide x 30" long x 18" deep Overall dimensions: 20" wide x 32" long x 40" high Power requirements: Single phase/115V/60 Hz/60A Operating frequency: 20 to 21 KHz (internally adjusted) at an average power of 1500 watts (RMS) Operating temperature: 130° F (54° C) Temperature range: 90° F (32° C) to 150° F (66° C)
Solvent Ultrasonic Cleaner	Ultrasonic tank dimensions: 12" wide x 8" long x 12" deep Vapor degreaser tank dimensions: 12" wide x 8" long x 12" deep Overall dimensions: 48" wide x 60" long x 47" high Power requirements: Single phase/230V/50-60Hz/39A Operating frequency: 40 KHz (internally set) at an average power of 500 watts (RMS) Operating temperature: 107° F (42° C) Temperature range: 90° F (32° C) to 150° F (66° C)

By Order of the Secretary of the Army:

Official:


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