

SECTION J

ATTACHMENT NO.

EPP-III (PATRIOT)  
SYSTEM

CONTRACT NO.

FRAB F28(43)

SOLICITATION NO.

SPARES

NSN.

VARIOUS

DS7031

**PRESERVATION, PACKING AND MARKING INSTRUCTIONS:**

ITEM NO.	QUANTITY	PROTECTION REQUIRED	PACKAGING REFERENCE (SPECIFICATION) OR (SPECIAL PACKAGING INSTRUCTION) PKG-REF	LEVEL OF PACKING LPK	QUANTITY PER UNIT PACK
		MILITARY	SPI#AG00000573 (ATTACHED)	MINIMAL	441

SUPPLEMENTAL REQUIREMENTS

NO CHANGES IN MATERIALS/PROCEDURES IDENTIFIED IN THE PACKAGING REFERENCE/PRESCRIPTION ABOVE ARE ALLOWED UNLESS THE FEDERAL OR MILITARY SPECIFICATIONS HAVE BEEN CANCELED & SUPERSEDED OR REPLACED BY A NON-GOVERNMENT STANDARD OR COMMERCIAL ITEM DESCRIPTION (I.E. ASTM OR CID) WHICH HAS BEEN ADOPTED/ACCEPTED BY DOD. IF OTHER THAN THE ABOVE ARE REQUESTED, THEY MUST BE SUBMITTED FOR REVIEW IN ACCORDANCE WITH THE PACKAGING WAIVERS OR DEVIATIONS CLAUSE OR THE CONDITIONS FOR ACCEPTABILITY OF COMMERCIAL PACKAGING CLAUSE (ALTERNATE PACKAGING CLAUSE).

MARKING: ALL UNIT PACKS, INTERMEDIATE PACKS, AND EXTERIOR SHIPPING CONTAINERS SHALL BE LEGIBLY AND DURABLY MARKED IN ACCORDANCE WITH MIL-STD-129.

WHEN BOX IS CHECKED, THE APPLICABLE "SPECIAL MARKINGS" ARE REQUIRED IN ACCORDANCE WITH MIL-STD-129.

- ( ) PROJECT CODE ( ) WARRANTY/GUARANTEE ( ) SHELF LIFE
- (X) BAR CODE. NOTE: BAR CODE MARKING IS MANDATORY UNLESS THE FOLLOWING BLOCK IS CHECKED: ( ) EXEMPT
- ( ) FOREIGN MILITARY SALES

# SPECIAL PACKAGING INSTRUCTION

Form Approved  
OMB No. 0704-0188

1. PART OR DRAWING NO. MAJOR COMPONENTS, SPARE/REPAIR PARTS			2. CODE IDENT 80063		3. SPI NO. AG00000573	
4. NATIONAL STOCK NO MULTIPLE NSN			5. DATE OF DRAWING 00290		6. REVISION D	
7. QUP 001	8. ICQ NONE	9. UNIT PACK WEIGHT		10. UNIT PACK CUBE		11. UNIT PACK SIZE
12. PRESERVATION			18. STEPS	19. REQD	20. DESCRIPTION	
MILITARY NOTE 1			N/A	N/A	N/A	
13. CLEANING MIL-STD-2073, PROCESS C-1			<u>APPLICABLE DOCUMENTS</u>			
14. DRYING MIL-STD-2073			W-T-0051	MIL-S-28786	AG00000601	
15. PACKING			PPP-B-140	MIL-PRF-31032	AIM-BC1	
a. LEVEL A NOTE 2			PPP-G-2919	MIL-C-39028	ANSI B40.1	
b. LEVEL B NOTE 2			PPP-P-40	MIL-R-39032	ASTM D 3951	
16. MARKING MIL-STD-129 AND NOTE 3			MIL-PRF-27	MIL-C-55330	NAS 3417	
			MIL-E-75	MIL-DTL-55507	NAS 3426	
			MIL-DTL-85	MIL-M-55565	TITLE 49 CFR	
			MIL-P-197	MIL-PRF-55585		
			MIL-DTL-287	MIL-STD-129		
			MIL-H-775	MIL-STD-2073		
			MIL-PRF-3098	MIL-STD-40051		
			MIL-DTL-3970	AG00000066		
			MIL-C-12000	AG00000071		
			MIL-S-19491	AG00000196		

1. PRESERVATION.

- 1.1 Batteries (FSC 6135), except Lithium. Batteries (FSC 6135), except Lithium shall be preserved in accordance with ASTM D 3951.
- 1.2 Batteries (FSC 6140), except NI-CAD Batteries. Batteries (FSC 6140), except NI-CAD Batteries shall be preserved in accordance with PPP-B-140. In addition to the preservation requirements of PPP-B-140, all transportation regulated shipments of these batteries, both domestic and international, must also comply with the additional packaging requirements of the International Civil Aviation Organization (ICAO), or the Department of Transportation (DOT) in Docket No. HM-181, for the applicable mode of transportation.
- 1.3 Batteries, Lithium. Batteries, Lithium shall be preserved in accordance with CECOM Special Packaging Instruction AG0000066. In addition to the preservation requirements specified in AG0000066, all transportation regulated shipments of these batteries, both domestic and international, must also comply with the additional packaging requirements of the International Maritime Organization (IMO), the International Civil Aviation Organization (ICAO), or the Department of Transportation (DOT) in Docket No. HM-181, for the applicable mode of transportation.
- 1.4 Batteries, Sealed, NI-CAD. Batteries, Sealed, NI-CAD shall be preserved in accordance with CECOM Special Packaging Instruction AG00000196. In addition to the preservation requirements of AG00000196, all transportation regulated shipments of these batteries, both domestic and international, must

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Also comply with the additional packaging requirements of the International Maritime Organization (IMO), the International Civil Aviation Organization, or the Department of Transportation (DOT) in Docket No. HM-181, for the applicable mode of transportation.

1.5 Batteries, Vented, NI-CAD. Batteries, Vented, NI-CAD shall be preserved in accordance with CECOM Special Packaging Instruction AG00000071. In addition to the preservation requirements of AG00000071, all transportation regulated shipments of these batteries, both domestic and international, must also comply with the additional packaging requirements of the International Maritime Organization (IMO), the International Civil Aviation Organization (ICAO), or the Department of Transportation (DOT) in Docket No. HM-181, for the applicable mode of transportation.

1.6 Bearings. Bearings shall be preserved in accordance with MIL-P-197.

1.7 Cable and Cord Assemblies. Cable and Cord Assemblies shall be preserved in accordance with NAS 3417 or NAS 3426.

1.8 Cable, Cord, and Wire. Cable, Cord, and Wire shall be preserved in accordance with MIL-C-12000.

1.9 Capacitors. Capacitors shall be preserved in accordance with MIL-C-39028

1.10 Circuit Card Assemblies and Printed Circuit Boards. Circuit Card Assemblies (CCAs) and Printed Circuit Boards (PCBs) shall be preserved in Accordance with CECOM Special Packaging Instruction AG00000601.

1.11 Connectors. Connectors shall be preserved in accordance with MIL-C-55330.

1.12 Crystal Units, Quartz. Crystal Units, Quartz shall be preserved in accordance with MIL-PRF-3098.

1.13 Data/Drawings/Technical Manuals (Drafts). Packaging shall be in accordance with ASTM D 3951.

1.14 Electron Tubes (excluding Klystron Tubes). Electron Tubes (excluding Klystron Tubes) shall be preserved in accordance with MIL-E-75/23 or MIL-E-75/24.

1.15 Electronic Data Tape. Electronic Data Tape shall be preserved in accordance with W-T-0051.

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**3. SPI NO.**

AG00000573

**4. NATIONAL STOCK NO**

MULTIPLE NSN

**5. DATE**

00290

**6. REVISION**

D

1.16 Equipments, Subassemblies, and Components (not covered by specifications in 1.1 through 1.12, 1.14, 1.15, and 1.17 through 1.37). Equipments, Subassemblies, and Components (not covered by specifications in 1.1 through 1.12, 1.14, 1.15, and 1.17 through 1.37) shall be individually unit packed in accordance with methods 10, 30, 40, or 50, as defined and specified in MIL-STD-2073.

1.17 Filters, Hi-Pass, Lo-Pass, Band-Pass, and Band-Suppression. Filters, Hi-Pass, Lo-Pass, Band-Pass, and Band-Suppression shall be preserved in Accordance with MIL-STD-2073.

1.18 Gages, Pressure and Vacuum. Gages, Pressure and Vacuum shall be preserved in accordance with ANSI B40.1.

1.19 Generators. Generators shall be preserved in accordance with PPP-G-2919.

1.20 Hardware. Hardware shall be preserved in accordance with MIL-STD-2073.

1.21 Hoses. Hoses shall be preserved in accordance with MIL-H-775.

1.22 Microcircuits (excluding CCA/PCBs). Microcircuits (excluding CCA/PCBs) shall be preserved in accordance with MIL-M-55565.

1.23 Modules (excluding CCA/PCBs and Microcircuits). Modules (excluding CCA/PCBs and Microcircuits) shall be preserved in accordance with MIL-STD-2073.

1.24 Printed Wiring Boards (excluding CCA/PCBs). Printed Wiring Boards (excluding CCA/PCBs) shall be preserved in accordance with MIL-PRF-31032.

1.25 Resistors. Resistors shall be preserved in accordance with MIL-R-39032.

1.26 Semiconductor Devices. Semiconductor Devices shall be preserved in accordance with MIL-S-19491.

1.27 Shelters, With or Without Equipment. Shelters, With or Without Equipment shall be preserved in accordance with MIL-DTL-55507.

1.28 Switches. Switches shall be preserved in accordance with MIL-S-28786.

1.29 Switches, Waveguide. Switches, Waveguide shall be preserved in accordance with MIL-S-28786.

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1.30 Synchros, Resolvers, and Servo Motors. Synchros, Resolvers, and Servo Motors shall be preserved in accordance with MIL-STD-2073.

1.31 Tools. Tools shall be preserved in accordance with PPP-P-40.

1.32 Tool Sets, Shop Sets, and Kits. Tool sets, Shop Sets, and Kits shall be preserved in accordance with PPP-P-40 or MIL-STD-2073.

1.33 Transformers. Transformers shall be preserved in accordance with MIL-PRF-27/300.

1.34 Vehicles, Wheeled. Vehicles, Wheeled shall be preserved in accordance with MIL-STD-40051.

1.35 Waveguide Assemblies, Flexible. Waveguide Assemblies, Flexible shall be preserved in accordance with MIL-DTL-287.

1.36 Waveguide Assemblies, Rigid. Waveguide Assemblies, Rigid shall be preserved in accordance with MIL-DTL-3970.

1.37 Waveguides, Rigid. Waveguides, Rigid shall be preserved in accordance with MIL-DTL-85.

2. PACKING. Packing shall be in accordance with MIL-PRF-55585 for the following destinations/levels, except shelters which shall be packed in accordance with MIL-DTL-55507.

2.1 WCONUS.

2.1.1 Surface/Ship. Level A.

2.1.2 Air Shipment. Level B.

2.2 CONUS.

2.2.1 Inspection/Acceptance at Origin. Level

2.2.2 Inspection Acceptance at Desination. Level

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3. MARKING. In addition to any special marking required by the contract or order (project code markings, etc.) all unit packs, intermediate packs, and exterior shipping containers shall be legibly and durably marking in accordance with MIL-STD-129.

3.1 Bar Code Marking. Bar Code Markings are required in accordance with MIL-STD-129 and AIM-BC1, and are mandatory for all procurements except:

- (a) Items not identified by National Stock Number (NSN).
- (b) Unpacked or unwrapped tires.
- (c) Local procurement use.