

MIL-C-45360E(AT)
AMENDMENT 5
1 May 1986
SUPERSEDING
AMENDMENT 4
20 December 1984

MILITARY SPECIFICATION

CARRIERS, PERSONNEL, FULL-TRACKED: ARMORED,
M113 AND M113A1; AND MORTARS, SELF-
PROPELLED: 107MM, M106, AND M106A1;
AND 81MM, M125A1; PROCESSING FOR
STORAGE AND SHIPMENT OF

This amendment forms a part of Military Specification MIL-C-45360E(AT), dated 28 June 1978, and is approved for use by US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Title, delete in its entirety and substitute:

"CARRIERS, PERSONNEL, FULL-TRACKED: ARMORED, M113, M113A1, M113A2 AND M113A2/EFT; AND MORTARS, SELF-PROPELLED; 107MM, M106, M106A1, AND M106A2; AND 81MM, M125A1, AND M125A2: PROCESSING FOR STORAGE AND SHIPMENT OF".

1.1, delete entire paragraph and substitute:

"1.1 Scope. This specification covers the processing of the M113, M113A1, M113A2, AND M113A2/EFT Armored, Full-Trackled, Personnel Carriers; and the 107mm, M106, M106A1 AND M106A2 and 81mm, M125A1 and M125A2 Self Propelled Mortars meeting the requirement of Levels A and B processing (see 1.2 and 6.1)."

AMSC N/A

AREA PACK

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2.1, under "SPECIFICATIONS, FEDERAL", add:

"O-S-801	- Sulfuric Acid Electrolyte; for Storage Batteries.
NN-P-530	- Plywood, Flat Panel.
QQ-W-470	- Wire, Steel, Carbon, Spring, Music.
RR-W-360	- Wire Fabric, Industrial.
PPP-B-601	- Boxes, Wood, Cleated Plywood.
PPP-B-621	- Box, Wood, Nailed, and Lock Corner.
PPP-C-1752	- Cushioning Material, Packaging Unicellular, Polyethylene Foam, Flexible."

2.1, under "SPECIFICATION, FEDERAL", after "QQ-S-781", delete title and substitute: "Strapping, Steel, and Seals."

PAGE 3

2.1, under "SPECIFICATIONS, MILITARY", delete:

"MIL-S-207	- Sulfuric Acid, Electrolyte, Packaging, Packing, and Marking for Shipment and Storage of."
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2.1, under "SPECIFICATIONS, MILITARY", add:

"MIL-H-52079	- Hose, Preformed, Semi-flexible, Reinforced."
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2.1, under "STANDARDS, MILITARY", add:

"MS35842	- Clamp, Hose, Low Pressure, type "F"."
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PAGE 6

3.1.7.1, delete entire paragraph and substitute:

"Interior of vehicle. Interior surfaces of vehicle shall be cleaned with solution of detergent conforming to P-D-220 or type I of MIL-D-16791 and water. Solution temperature shall not exceed 210°F, and pressure shall not exceed 5 PSI measured 4 inches from the nozzle. After cleaning, cleaned surfaces shall be rinsed with clean water and dried. Care shall be taken during cleaning and rinsing operations to assure that no solution or water enters instruments, connections, or other components susceptible to water damage. Solution or water shall not accumulate and remain in cavities that cannot be drained. Vehicles with decals, markers, straps, and floor plates installed shall only be hand cleaned with solution of P-D-220 or type I of MIL-D-16791 and water to prevent damage to these components. Cleaned surfaces shall be hand rinsed and dried."

3.1.8.1, line 1, after "than" delete: "50 miles" and substitute: "75 miles".

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*3.1.8.12, lines 3, 4, and 5, delete: "For shipment, hatches and doors shall be closed and locked from the inside. Driver's hatch shall be locked with a bolt and nut, with nut welded to bolt." and substitute: "For shipment, hatches and doors shall be closed and locked from the inside, except the driver's hatch. The driver's hatch shall be closed and secured from the outside with a bolt having a nut drawn up tight and exposed threads peened over to prevent easy removal, or a bolt having a nut drawn up tight with the nut tack welded to the bolt, or with a Government issued padlock."

3.1.8.13.1, delete entire paragraph and substitute:

"Engine compartment access plate and drain plugs. Engine compartment access plate, gasket, and attaching hardware shall be removed for ventilation. A screen conforming to figure 4 shall be installed in access plate openings, and secured with four of the existing mounting screws and washers. The two forward MS drain plugs and the rear bilge drain plug shall be removed for drainage. A screen conforming to figure 4A shall be installed in rear bilge opening, and held in place with retainer spring conforming to figure 4B. Bare metal surfaces of drain plugs shall be preserved with compound conforming to Grade 4 of MIL-C-16173. Plate, gasket, preserved drain plugs, and four access plate mounting screws and washers shall be packaged as specified in 3.1.9.9.

The information "REMOVE SCREENS, INSTALL ACCESS PLATE AND GASKET, FRONT AND REAR DRAIN PLUGS BEFORE VEHICLE OPERATION" shall be stenciled on the exterior of the vehicle using white or yellow paint conforming to MIL-P-13983. Stenciling shall be in characters not less than 3/4-inch high."

3.1.8.13.3, line 1, delete: "3.1.8.13.3" and substitute: "3.1.8.14".

PAGE 14

3.1.9.2, delete entire paragraph and substitute:

"Electrolyte. Electrolyte shall be packaged and packed in accordance with O-S-801, except that the exterior container shall conform to PPP-B-621, class 2, or PPP-B-601 overseas type. Marking shall conform to O-S-801. The packed electrolyte shall be stowed in the same location as the BII and secured independently to permit separate removal."

3.1.9.6, line 1, add: "M106A2" after "M106A1", and "M125A2" after "M125A1".

3.1.9.7, line 1, after "M125A1", add: "M125A2".

PAGE 15

3.1.9.8.1, line 6, delete: "class B" and substitute: "class 1, finish A".

3.1.9.8.1, line 9, delete: "class B" and substitute: "class 1, finish A".

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3.1.10.1, line 4, delete: "Appendix A" and substitute: "Drawing Number 12269128".

3.1.10.1.1, delete in its entirety.

3.1.10.1.2, delete in its entirety.

3.1.10.1.3, change "3.1.10.1.3" to "3.1.10.1.1", and at end of paragraph, add: "Do not mark BII box if it is ascertained the container will not accommodate the closure kit."

PAGE 17

3.2.9, delete entire paragraph and substitute:

"Vision block openings. Plugs conforming to PPP-C-1752, type I, class 2, 2 inches thick, shall be installed in the vision block openings (see figures 37 and 38)."

3.6, line 2, after "unloading" add: "(see 6.2)".

3.6.2, delete entire paragraph and substitute:

"Batteries and electrolyte. Batteries shall be filled with electrolyte fully charged, and battery cables connected. After vehicle self-movement for loading or placement in storage, the ground cable at battery shall be disconnected and then secured to battery carrier with 3/4-inch tape conforming to type IV of PPP-T-97. A tag bearing the following message, "Vehicle preserved for drive-away condition. Before cranking, connect ground cable to battery terminal. Engine and fuel tanks not preserved," shall be located in a conspicuous location in the driver's compartment."

PAGE 21

6.2, under "ordering data", add:

"j. If vehicle drive-on and drive-off capability is required (see 3.6)."

PAGE 23

TABLE I, under "Air cleaner, Preservation, Levels A and B," delete: "3.1.8.7.6".

TABLE I, under "Air cleaner, Packaging/Stowage, Level A", add: "3.1.8.7.6".

TABLE I, under "Engine compartment access panels, Packaging/Stowage, Level B", delete: "3.1.8.13.2" and substitute: "3.2.10".

PAGE 24

TABLE I, under "Component", after "Fuel tank security", delete: "1".

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TABLE I, under "Component", delete in its entirety: "Closure marking" and "Closure disposition marking 1".

TABLE I, under "Packaging/Stowage, Level A", lines 8 and 9, delete: "3.1.10.1.1" and "3.1.10.1.2".

TABLE I, under "Packaging/Stowage, Level A", line 10, delete: "3.1.10.1.3" and substitute: "3.1.10.1.1".

PAGE 29

Add the following page "29-1" entitled "FIGURE 4A. Screen.", after page 29.

Add the following page "29-2", entitled "FIGURE 4B. Spring Retainer.", after page 29-1.

PAGE 31

*Appendix A, pages 31 through 75, delete in its entirety.

PAGE 76

*Delete page number: "76" and substitute: "31".

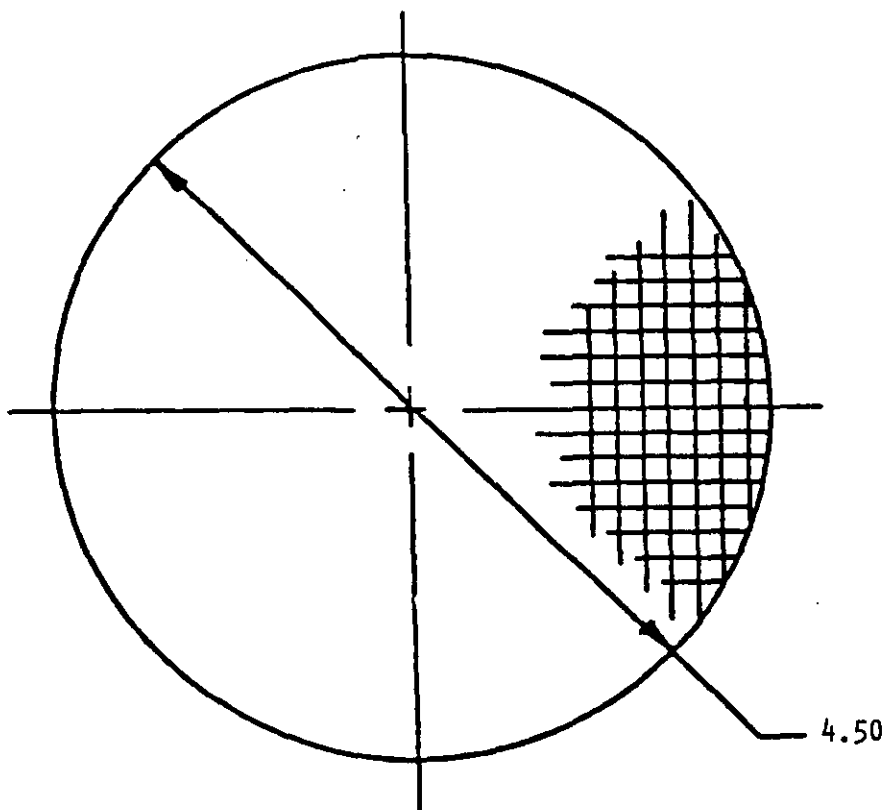
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Custodian:
Army - AT

Preparing activity:
Army - AT

Review Activity:
Army - SM

(Project No. PACK-A320)



NOTES:

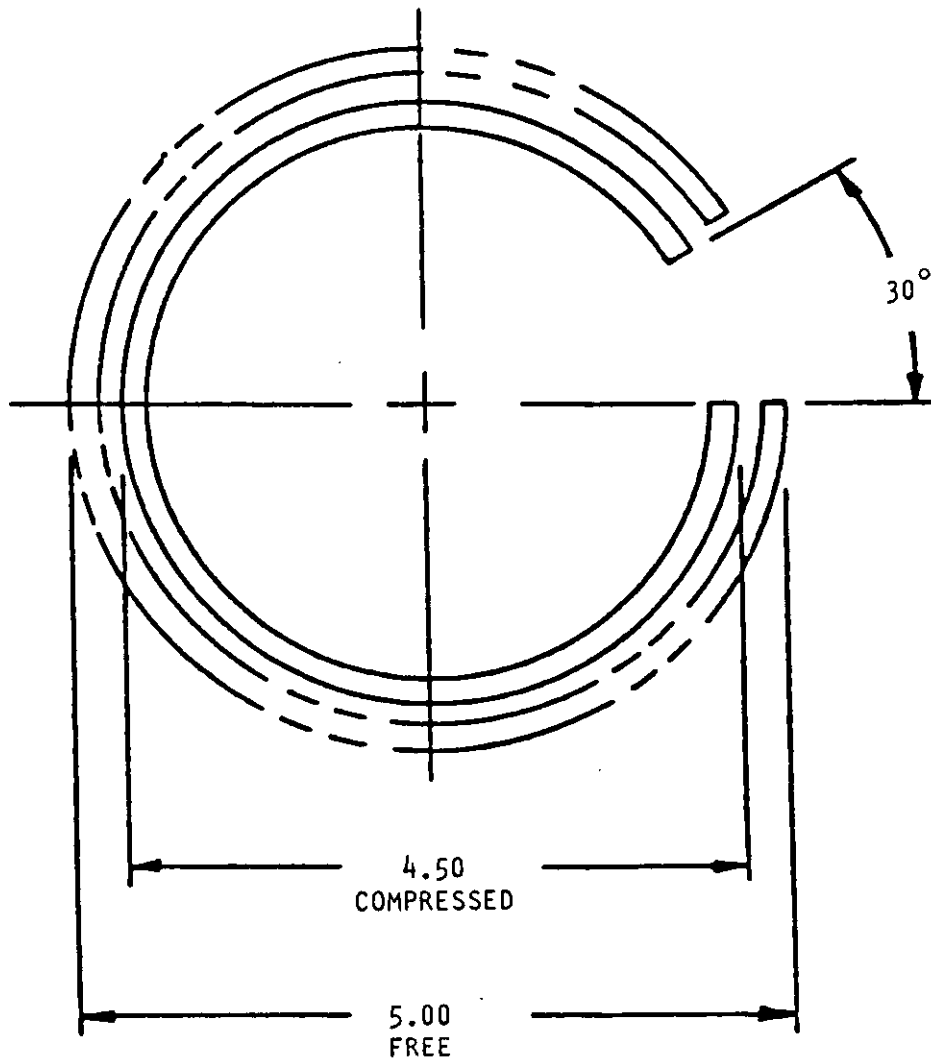
1. MATERIAL: WIRE CLOTH, TYPE I, CLASS I,
4 x 4 MESH, 0.0348 DIAMETER, SPEC RR-W-360.
2. DIMENSIONS ARE IN INCHES.

FIGURE 4A. Screen.

29-1

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NOTES:

1. MATERIAL: WIRE, STEEL, MUSIC, 0.156 DIAMETER, SPEC QQ-W-470.
2. DIMENSIONS ARE IN INCHES.

FIGURE 4B. Spring retainer.