



Standard Specification for Cargo Bed Cover, Type III (M35A2, 2½ Ton Cargo Truck/ M1078, 2½ Ton Lightweight Medium Tactical Vehicle (LMTV)/ M1082, 2½ Ton LMTV Trailer)¹

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1. Scope

1.1 This specification covers the general requirements for the Type III Cargo Bed Cover (CBC). The Type III CBC is a removable general purpose rigid wall enclosure that is mounted on any of the following model 2.5 ton cargo trucks (1) the M35A2 Lightweight Medium Tactical Vehicle (LMTV) and (2) the M1078 LMTV. It can also be mounted on the M1082 LMTV Trailer. The CBC provides environmental protection and security for mission equipment and items of general transport.

1.2 The values stated in inch-pound units are to be regarded as standard. No other units of measurement are included in this standard.

1.3 *The following safety hazards caveat pertains only to the test required portion, Section 4, of this specification: This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use.*

2. Referenced Documents

2.1 ASTM Standards:²

E1925 Specification for Engineering and Design Criteria for Rigid Wall Relocatable Structures

F501 Test Method for Aerospace Materials Response to Flame, with Vertical Test Specimen (for Aerospace Vehicles Standard Conditions) (Withdrawn 1998)³

¹ This specification is under the jurisdiction of ASTM Committee E06 on Performance of Buildings and is the direct responsibility of Subcommittee E06.53 on Materials and Processes for Durable Rigidwall Relocatable Structures.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ The last approved version of this historical standard is referenced on www.astm.org.

2.2 Federal Standards:⁴

FED-STD-595 Colors Used in Government Procurement

2.3 Military Standards:⁴

MIL-C-46168 Coating, Aliphatic Polyurethane, Chemical Agent Resistant

MIL-CDTL-53039 Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant

MIL-CDTL-53072 Chemical Agent Resistant Coating (CARC) System Application Procedures and Quality Control Inspection

MIL-PRF-22750 Coating, Epoxy, High Solids

MIL-STD-209 Slings and Tiedown Provisions for Lifting and Tying Down Military Equipment

MIL-STD-810 Environmental Test Methods and Engineering Guidelines

MIL-STD-1366 Transportability Criteria

MIL-STD-1472 Design Criteria: Human Engineering

2.4 Military Handbooks:⁴

MIL-HDBK-759 Human Engineering Design

MIL-HDBK-1791 Designing for Internal Aerial Delivery in Fixed Winged Aircraft

2.5 OSHA Documents:⁵

Title 29 CFR 1910 OSHA Permissible Exposure Limits

2.6 ACGIH Documents:⁶

ACGIH Threshold Limit Values

3. General Requirements

3.1 *First Article*—When specified (see 6.2), a sample shall be subjected to first article inspection in accordance with 4.1.1. A first article is defined as a pre-production or an initial production sample consisting of one or more of each type of completed CBC.

⁴ Available from DLA Document Services, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, <http://quicksearch.dla.mil/>.

⁵ Available from Occupational Safety and Health Administration (OSHA), 200 Constitution Ave., NW, Washington, DC 20210, <http://www.osha.gov>.

⁶ Available from American Conference of Governmental Industrial Hygienists, Inc. (ACGIH), 1330 Kemper Meadow Dr., Cincinnati, OH 45240, <http://www.acgih.org>.