

MIL-T-45331F
AMENDMENT 2
18 June 1981
SUPERSEDING
AMENDMENT 1
17 December 1976

MILITARY SPECIFICATION

TRUCK, UTILITY: 1/4 TON, 4x4, M151A2;
TRUCK, AMBULANCE: FRONT LINE, 1/4 TON 4x4
M718A1; TRUCK, UTILITY: 1/4 TON, 4x4
CARRIER FOR 106MM RIFLE M825

This amendment forms a part of Military Specification MIL-T-45331F, dated 19 January 1976, and is approved for use by all Departments and Agencies of the Department of Defense.

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2.1, Specification, Federal: Delete VV-B-680 Brake, Fluid, Automotive. Under Specification, Military: Add MIL-B-46176 Brake Fluid, Silicone Automotive All-Weather, Operational and Preservative.

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3.4.10.1, Delete VV-B-680 and substitute: MIL-B-46176.

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4.3.2, Delete and Substitute: Reliability Verification. To determine conformance to the reliability specified in 3.1.5, the Minimum Acceptable Value (MAV) of 2600 MMBF shall be demonstrated during tests for M151A2; MAV of 2260 MMBF shall be demonstrated during tests for M825; MAV of 1650 MMBF shall be demonstrated during test form M718A1. The reliability requirement shall be verified at a point estimate or higher confidence level. The point estimate is computed by using the total cumulative test miles of all vehicles divided by the total cumulative chargeable failures.

4.3.3, Delete and Substitute: Durability Verification. To determine conformance to 3.1.6 the durability requirements shall be verified at a 50% confidence level based on the Binomial Approximation of the Beta Distribution."

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4.3.4, Delete and substitute: Maintainability Verification. To determine conformance to paragraph 3.1.7, a maintenance ratio (MR) of less than, or equal to, that specified in paragraph 3.1.7 must be demonstrated during test. The MR will be calculated using the total cumulative maintenance manhours divided by the equivalent operational hours. Twenty operational miles will be equivalent to one operational hour. Maintenance induced errors and driver/crew checks and service times are to be excluded.

Custodians:

Army - AT
Navy - Mc
Air Force - 99

Preparing Activity:

Army - AT

Project No. 2320-1075

Review Interest:

Navy - MS

User Interest:

Army - ME
Navy - YD