

MIL-M-45965(AR)
 AMENDMENT 1
 20 August 1986

MILITARY SPECIFICATION

MORTAR, 60MM: M19

MORTAR, 60MM: M2

This amendment forms a part of Military Specification MIL-M-45965(AR), dated 28 June 1974, and is approved for use within the US Army Armament, Munitions and Chemical Command, Department of the Army and is available for use by all Departments and Agencies of the Department of Defense.

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1.1: Delete 1.1 in its entirety and substitute the following:

"1.1 This specification covers two types of mortar.

Type 1 - Mortar 60MM: M19 with 60MM M19 Cannon, M5 mount, and baseplate.
 Type 2 - Mortar 60MM: M2 with 60MM M2 Cannon, M5 mount, and baseplate".

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Delete all entries under PUBLICATIONS and substitute the following:

"U.S. Army Armament, Munitions and Chemical Command

EPL 6536240 - Engineering Parts List, Baseplate Assembly: 60MM Mortar
 EPL 7238469 - Engineering Parts List, Mount: 60MM Mortar: M5
 EPL 7238501 - Engineering Parts List, Cannon: 60MM Mortar: M2
 EPL 7238503 - Engineering Parts List, Cannon: 60MM Mortar: M19
 MLQAP 6536240 - Master List of QAPs, Baseplate Assembly: 60MM Mortar
 MLQAP 7238469 - Master List of QAPs, Mount Assembly: 60MM Mortar: M5
 MLQAP 7238501 - Master List of QAPs, Cannon Assembly: 60MM Mortar: M2
 MLQAP 7238503 - Master List of QAPs, Cannon Assembly: 60MM Mortar: M19
 PDS P6732010 - Packaging Data Sheet: 60MM Mortar: M19
 PDS P7238501 - Packaging Data sheet: 60MM Mortar: M2
 QAP - Appendix - WVA - General Quality Assurance Provisions"

"3.2 General requirements. The cannon, mount, baseplate, and the parts thereof shall conform to the applicable drawings listed in the Engineering Parts List EPL 7238503 (Cannon Assembly, Mortar M19) or EPL 7238501 (Cannon Assembly, Mortar M2) or EPL 7238469 (Mount Assembly M5), or EPL 6536240 (Baseplate Assembly) to this specification, and MIL-C-13931.

AMSC N/A

FSC 1010

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NOTE: The Type 2 cannon, 60MM M2 Mortar does not have a trigger firing mechanism and consists of Base Cap 6008465, Firing Pin 5025272, and Tube 7307372 (common to both types of mortar) as shown on 7238501. This cannon can be fired in the drop-fire mode only."

Delete paragraph 3.4.1 and substitute the following:

"3.4.1 Firing pin protrusion. Protrusion of the firing pin from the face of the base plug bushing shall be as follows:

- a. 60MM M19: Drop-fire mode: 0.047 to 0.101 inch, incl.
Lever fire mode: 0.085 to 0.101 inch, incl.
- b. 60MM M2: Drop-fire mode: 0.055 to 0.063 inch, incl.

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Delete 4.6.1 in its entirety and substitute the following:

"4.6.1 Inspection provisions.

a. 60MM M19: Mortars shall be inspected for conformance to this specification, to MIL-C-13931, to QAPs listed in MLQAP 6536240, MLQAP 7238469, MLQAP 7238503, and to QAP-APPENDIX-WVA.

b. 60MM M2: Mortars shall be inspected for conformance to this specification, to MIL-C-13931, to QAPs listed in MLQAP 6536240, MLQAP 7238469, MLQAP 7238501, and to QAP-APPENDIX-WVA."

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Delete 4.6.2 and 4.6.2.1 in their entirety and substitute the following:

"4.6.2 Inspection equipment.

4.6.2.1 Acquisition, maintenance and disposition. Unless otherwise specified (see 6.2.1), responsibility for acquisition maintenance and disposition of acceptance inspection and test equipment prescribed on applicable QAPs, and for all other inspection equipment required to perform inspection prescribed by applicable specifications, shall be in accordance with MIL-I-45607."

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Delete 4.6.3.1 in its entirety and substitute the following:

"4.6.3.1 Firing pin protrusion.

a. 60MM M19: With the firing pin firmly seated in the base, each firing mechanism assembly shall be inspected for the required protrusion in both the drop-fire and lever-fire modes to the requirements of 3.4.1.a. Inspection shall be performed with gage 7249847. This examination shall be performed in conjunction with 4.6.4.2 (Firing mechanism operation).

b. 60MM M2: With the firing pin firmly seated in the basecap, each cannon assembly shall be inspected for the required protrusion to the requirements of 3.4.1.b. Inspection shall be performed with gage 12520305."

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Paragraph 5.1, fifth line. Add after P6732010 "(M19) or Packaging Data Sheet: P7238501 (M2)."

Paragraph 5.2, third line. Add after P6732010 "(M19) or Packaging Data Sheet: P7238501 (M2)".

Paragraph 5.3, fourth line. Add after P6732010 "(M19) or Packaging Data Sheet: P7238501 (M2)".

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Delete 6.1 Intended use and substitute the following:

"6.1 Intended use. The Type 1 60MM Mortar M19 is intended for use in either the lever-fire or the drop-fire mode. The type 2 60MM Mortar M2 is intended for use in the drop-fire mode only."

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