

INCH-POUND

MIL-I-14961 (AR)
AMENDMENT 4
12 October 1992

SUPERSEDING
AMENDMENT 3
11 December 1974

MILITARY SPECIFICATION

INCREMENTS PROPELLANT
M1A1, M2A1, M3A1, M181 AND M182
(MADE FROM PROPELLANT M8)

This amendment forms a part of MIL-I-14961 (MU), dated 17 February 1969, and is approved for use by the U.S. Army Armament, Munitions and Chemical Command, and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Title: Delete XM182 and substitute "M182" here and wherever it appears in this specification.

PAGE 2

2.1 Specifications, Military: Delete "MIL-B-3106 - Board Composition, Water-Resistant Solid" and substitute "MIL-F-50449 Filler, Sheet Form"

2.1 Drawings, Army: Delete "20-4-619 Marking Diagram and Sealing of Fiberboard Cartons for Shipment of Propellant Increments". Add the following:

"76-4-56 Box, Packing, Metal-Wood M17 for Smokeless Powder Assembly

9256486 Container, Packing, PA54, Wood with Metal Liner (Modified M24 Box) for Smokeless Powder

9241693 Packing and Marking of Fiberboard Cartons for Shipment of Propellant Increments"

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AMSC N/A

FSC 1376

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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- * 3.3.1, Table II: Add the following under appropriate Headings:

	MPS		FPS		Loading Zone
	Min	Max	Min	Max	
"M181 (w/M49A4)	152.4	161.5	500	530	4"

Change: From "M181 (w/M302A1 ONLY)" to "M181 (w/M302A1 and M302A2)."

Table III, Change: From "60MM, WP, M302E1" to "60MM, WP, M302A1 and M302A2".

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- * 3.3.2, Table IV: Add the following under appropriate headings:

	MPS	FPS
"M181 (w/M49A4)	1.63	5.4"

Change: From "M181 (w/M302A1 ONLY)" to "M181 (w/M302A1 and M302A2)".

- * 3.3.3, Table V: Add the following:

"M181 (w/M49A4)	6,000
M182	5,500"

Change: From "M181 (4) w/M302A1" to "M181 (4) w/M302A1 and M302A2."

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4.2.2.5, line 2: Delete "20-4-619" and substitute "9241693"

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4.2.3.1.2 Table: Delete "IV" and substitute "VI"; after M181, delete "(see 6.8)"

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5.1.1: Delete in its entirety and substitute:

"5.1.1 Level A. Propellant increments shall be packed in heat sealed barrier bags complying with Type I, Class E of Specification MIL-B-117. The barrier bag size shall be approximately 22 1/2 inches long by 22 1/2 inches wide. Not more than 25 pounds of propellant shall be packed in a barrier bag. The bags shall be closed by heat sealing and packed in a nailed wood box complying with Grade A, Type I, Class 1 or 3 of Specification MIL-B-2427. The box shall be completely lined with fillers complying with Specification MIL-F-50449. The box shall be closed and strapped in accordance with the box specification. The net weight of the box shall not exceed 50 pounds."

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5.2.3, line 2: Delete "20-4-619" and substitute "9241693."

6.8: Delete in its entirety.

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6.11, Proving Ground Test Summary: Delete in its entirety and substitute the following:

<u>Increment Zone</u>	<u>Vel (fps)</u>	<u>Std Dev Vel (fps) max</u>	<u>Pressure (psi) Max Individual</u>
M1A1 (6)	692-713	5.4	7200
M2A1 (4)	562-578	5.4	7200
M3A1 (4)	510-526	5.4	6000
M181 (4)			
w/M302A1 and			
M302A2	425-455	4.5	6000
M181 (4)			
w/M49A4	500-530	5.4	6000
M182 (4)	439-469	8.0	5500"

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The margins of this amendment are marked with an asterisk or vertical lines to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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