

INCH-POUND

MIL-S-63348A(AR)
 AMENDMENT 4
29 October 1992
 SUPERSEDING
 AMENDMENT 3
 3 August 1983

MILITARY SPECIFICATION

SUBMACHINE GUN, 5.56MM, PORT FIRING, M231

This Amendment forms a part of Military Specification MIL-S-63348A(AR), dated 20 August 1981, and is approved for use by the U.S. Army Armament; Munitions and Chemical Command, and is available for use by all Department and Agencies of the Department of Defense.

PAGE 4

3.3.2.7, Delete paragraph 3.3.2.7 in its entirety.

PAGE 5

* 3.3.3.5 Change "Flash Suppressor" to "Compensator" in two Places

PAGE 7

3.4.4, lines 3 & 4: Delete "at least 1225" and substitute "within 1225 and 1300".

* 3.4.6, lines 2: Delete "10,200" and substitute "10,000".

3.4.6, line 9: Delete "minute" and substitute "minute for 2 consecutive 600 round cycles".

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3.4.8 line 4: Delete "1500" and substitute "500".

* 3.4.8, lines 5 & 6: "A weapon that continues to fire after the trigger is release shall be considered to have failed the test".

* 3.6, Add:

"The bare code label shall be firmly affixed to the lower receiver in the position specified on the applicable drawing, the bar coding shall be clearly defined and the number on the label shall agree with the serial number stamped on the receiver."

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Delete "TABLE I" and substitute the following:

"TABLES I - Malfunctions and Unserviceable Parts
Permitted in 10,200 Rounds

Malfunctions	Single Sub MG ⁶	Two Sub MG ⁶	Four Sub MG ⁶	Five Sub MG ⁶
Failure of bolt to lock	1	2	3	4
Failure to Fire	2	3	4	5
Failure to Feed (from Magazine)	3	4	7	9
Failure to Eject	2	3	4	5
Failure to Chamber	3	4	6	7
Failure to Extract	1	2	2	3
Bolt Fails/Hold Rear	6	8	12	14
All other malfunctions	0	0	0	0
Total - above malfunctions combined	9	13	20	25

Unserviceable Parts ¹	Minimum life ⁴ Rounds	Two Sub MG	Four Sub MG ⁵ Combined	Five Sub MG ⁵
Bolt	5,000	2	4	5
Bolt Rings (3 in a unit)	4,000	1	2	3
Cam Pin	4,000	4	8	10
Extractor	4,000	4	8	10
Ejector Spring	4,000	1	2	3
Extractor Spring Assembly	4,000	2	4	5
other Parts (See note 2)	3,000	1	1	1
Total Unserviceable parts above combined"		8	18	23

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TABLE I, Note 6, line 11: Delet "two" and substitute "two and the five".

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4.4.1, line 5, under Quantity: Delete "10" and substitute "15".

Line 6: Delete "ten" and substitute "fifteen".

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4.4.2: Delete in its entirety and substitute the following:

"4.4.2 Inspection to be performed. The submachine guns shall be subjected to the following tests, in the quantities as specified.

<u>Test</u>	<u>Number To Test</u>	<u>Require- ment</u>	<u>Test Method</u>
a. Headspace	15	3.4.1	4.7.1
b. Trigger Pull	15	3.4.2	4.7.3
c. Firing Pin Protrusion	15	3.3.4.2	4.7.2
d. High pressure Resistance	15	3.4.3	4.7.4
e. Function/Cyclic Rate of fire	15	3.4.4	4.7.5 - 4.7.5.3.5
f. Targeting and Accuracy	15	3.4.5	4.7.6 - 4.7.6.2.1
g. Interchangeability	10	3.5	4.7.7.1
h. Endurance	5	3.4.6	4.7.8 - 4.7.8.4.5
i. High Temperature	5	3.4.7	4.80
j. Low Temperature	5	3.4.8	4.81"

4.4.3.1.1, line 3: Delete "18" and substitute "48"

line 3: Delete "three" and substitute "five".

4.4.3.1.2, line 3: Delete "6" and substitute "30".

line 3: Delete "three" and substitute "five".

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4.5.2.2.3, lines 21 thru 26: Delete Defect No. 19 in its entirety. Delete Defect No. 20 in its entirety.

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* 4.5.2.2.3, Defect No. 49, change "Flash Suppressor" to "Compensator"

* Defect No. 50, Change "Flash Suppressor" to "Compensator"

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* 4.5.2.2.3, Defect NO. 54, line 5 change "Flash Suppressor" to "Compensator".

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* 4.5.2.2.3, Defect No. 71, change to read:

"Lower Receiver. Incorrect, dislocated, damaged, illegible or missing markings (serial number, bar code label, manufacturer's identification, selector markings, etc.)"

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4.5.3.1, Table III, line 7: Delete "100%³" and substitute "100%".

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4.5.3.1, Table III, lines 1 thru 17: Delete Note 3 in its entirety.

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4.7.7.1.1, GROUP V, line 10: Delete "Buttstock (9327049)".
GROUP IV, line 4: Delete "Latch, Buttstock (9327050)".

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4.7.7.1.1, GROUP VII, line 1: change "Flash Suppressor (8448576)" to "Compensator (9349051)".
GROUP VII, line 4: Delete "Brackett, Buttstock (9327048)".
GROUP VIII, line 4: Change "Flash Suppressor, Lock Washer (8448577)" to "Spacer, Compensator (9349052)"

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4.7.7.1.1, GROUP X, line 1: Delete "Spring Pin (Buttstock Retaining Pin MS-16562-117)".

GROUP X, line 8 & 9: Delete "Springs (3 total) Buttstock Latch, Safety Detent, and Ejector" and substitute "Springs, (2 total) Safety Detent and Ejector (8448516)".

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* 4.7.8.2, line 1: Delete "Ten" and substitute "Thirty-four"^w.

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* Delete "Table V" and substitute the following:

"TABLE V

Number 30 Round Magazines	Number of Rounds Fired	Remarks
5	150	cool
5	150	cool
5	150	cool
5	150	Cool, Clean
		Inspect & Lubricate
TOTAL: 20	600	

NOTES:

1. Firing - Fire 4 bursts of approximately 7 to 10 rounds from each magazine.
2. Magazines - Each magazine shall be fully loaded (30 rounds).
No magazine shall be used more than 10 times."

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- * 4.8.0, line 4: Delete "prior to firing." and substitute "prior to firing. Each weapon shall be conditioned with bolt closed and locked on empty chamber."
- * line 9: Delete "fired per weapon." and substitute "fired per weapon. Immediately prior to the firing of each 100 round group, each weapon shall be dry cycled twice (i.e. charging and firing the weapon without ammunition)."
- * 4.8.1, line 5: Delete "prior to firing." and substitute "prior to firing. Each weapon shall be conditioned with bolt closed and locked on empty chamber."
- * lines 5 & 6: Delete "The weapon shall be conditioned in the open bolt condition."

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- * 4.8.1, lines 4 & 5: Delete "weapon without ammunition." and substitute "weapon without ammunition. Perform functional check on cartridge magazine to ensure cartridges and internal parts of cartridge magazine to ensure cartridges and internal parts of the magazine are free to move and not frozen in the magazine."

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* 6.1, Add: "O. Bar code marking requirements"

The margins of this amendment are marked with an asterisk to indicate where changes 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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