

MIL-G-45140B  
AMENDMENT 1  
15 March 1988

MILITARY SPECIFICATION

GUN, SPOTTING, CALIBER, .50: M8C

This amendment forms a part of Military Specification MIL-G-45140B, dated 12 October 1976, and is approved for use by all Departments and Agencies of the Department of Defense.

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2.1, Military Specification: Add the following:

"MIL-S-46163 - Sealing, Lubricating and Wicking Compounds, Thread Locking, Anaerobic, Single Compound".

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3.2.5: Delete in its entirety and substitute the following:

"3.2.5 Bolt lock. The bolt lock shall be tightly attached to the receiver and the bolt lock screws shall be secured with thread locking compound, MIL-S-46163, Type I, Grade L. The screws shall be torqued to 125/150 in-lb. The bolt lock shall be capable of locking the bolt in the firing position."

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Paragraph 3.2.16 Delete in its entirety and substitute the following:

"3.2.16 Gas Regulator Group

"3.2.16.1 Operation. - The gas regulator group shall be securely locked to the gas cylinder body. When the gas regulation is required it shall be possible to move the gas regulator when the locking nut is loosened. The gas regulator screw must be capable of being bottomed (the underside of the screw head bottomed on the locking nut and the locking nut in turn bottomed on the gas regulator bushing). After gas regulation is made, the locking nut shall securely lock the gas regulator in the position set.

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3.2.16.2 Adjustment Procedure. To initially adjust, the gas regulator screw must first be placed in the closed position. Rotate the wingnut counterclockwise until firmly contacted with the regulator screw; then rotate the regulator screw and the wingnut together clockwise until firm contact with the bushing is achieved; this is the closed position. From this position, rotate the regulator screw counterclockwise until it bottoms with the bushing and locks firmly. Additional adjustment from the initial setting may be required to obtain proper ejection of spent cartridges. Proper ejection means neither too little recoil force leading to failure, nor too much recoil force causing flip of cartridge case to interfere with feeding action. (See also 4.6.1.3).

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Paragraph 3.3.4.2:

Line 3: Delete: "500 rounds" and substitute: "350 rounds".  
Line 4: Delete: "500 rounds" and substitute: "350 rounds".

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Paragraph 4.6.1.3:

Line 2: Add: "(See 3.2.16)" after "position".

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Paragraph 4.6.8.3:

Line 4: Delete: "500 rounds" and substitute: "350 rounds".

Custodians:  
Navy - OS

Preparing Activity:  
Army - AR

(Project 1005-A715)

Review Activities:  
Navy-OS