

INCH-POUND

MIL-C-63990B(AR)
AMENDMENT 1
25 September 1991

MILITARY SPECIFICATION

CARTRIDGE, 5.56MM
TRACER, M856

This Amendment forms a part of Military Specification MIL-C-63990B(AR), dated 18 April 1986, 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

2.1.1 Delete:

"MIL-C-70460 -Cartridge, 5.56mm, Ball (Heavy Bullet) Reference"

PAGE 2

2.1.1 Delete:

"9345240-2 -Pkg & Mkg: Crtgs, 5.56mm; Cartons; Box, Ammo, M2A1; Box, WRBND"

Substitute:

"12551963 -Packing and Marking for Box Wirebound for Cartridge 5.56mm"

Delete:

"9354586 -Pkg. Crtgs, 5.56mm, Linked: SAW M249 Ammo Mag: Box Ammo, M2A1, Box, WRBND"

PAGE 4

3.8 Change "12,400 psi" to "12,700 psi"

PAGE 5

3.11.2 Delete in its entirety.

MIL-C-63990B(AR)
AMENDMENT 1

PAGE 10

4.5.6 Delete in its entirety and substitute the following:

"4.5.6 Examination. One hundred percent examination shall be performed for all critical defects. Examination for major and minor defects shall be performed in accordance with the classification of defects, Table II, using applicable sampling plans and acceptance criteria of MIL-STD-105. Examination shall be visual or by means of a government automated inspection system such as optical, mechanical or electrical. All non-conforming cartridges shall be rejected. If a visual critical defect is found in a sample either just prior to a firing test or after a firing test (and the defect is not due to the firing), the lot shall be rejected. The lot shall then be rescreened and resubmitted for visual inspection of critical defects. If a critical defect is found during packing, the portion of the lot that has been packed or is in the process of being packed shall be rejected. In addition, the portion of the lot remaining to be packed shall be rejected. The lot shall then be rescreened and resubmitted for visual inspection of critical defects."

PAGE 14

4.5.6. 4 Under Critical Defects, delete characteristics 3, 4, and 5 in their entirety.

Characteristic Number 6, change "Balance" to "see note 2/".

After Critical Defects add the following:

Under Special add the following characteristics:

"SPECIAL

| | | | |
|-------------------------|------|-----|---------|
| a. Primer missing (32) | 100% | 3.1 | Visual |
| b. Primer Cocked (33) | 100% | 3.1 | Visual |
| c. Primer Inverted (34) | 100% | 3.1 | Visual" |

Under notes, delete: "Numbers after defect descriptions refer to visual defect standard in MIL-STD-636 (NATO Caliber 7.62mm section" and substitute the following:

"Refer to MIL-STD-636 (NATO Caliber 7.62mm Section) for visual defect standards for defects 1 through 38. Inspection for visual defects may be performed employing an automated inspection system that has been approved by the Government."

MIL-C-63990B(AR)
AMENDMENT 1

Add the following note:

"2/ One hundred percent examination for weight may be either by weighting or by measuring for propellant fill; method used must be capable of detecting a cartridge containing less than 10 grains of propellant."

PAGE 15

4.5.6.4 Delete note in its entirety and substitute the following:

"Refer to MIL-STD-636 (NATO Caliber 7.62mm Section) for visual defect standards for defects 1 through 38. Inspection for visual defects may be performed employing an automated inspection system that has been approved by the Government."

PAGE 16

4.5.6.4 Delete note in its entirety and substitute the following:

"Refer to MIL-STD-636 (NATO Caliber 7.62mm Section) for visual defect standards for defects 1 through 38. Inspection for visual defects may be performed employing an automated inspection system that has been approved by the Government."

PAGE 18

4.5.7.1 TABLE II

Change "Accuracy at 600 yards 8/" to "Accuracy at 600 yards 7/"

Delete: "Matching 7/, 30, 3.11"

PAGE 19

Note 7/: Delete in its entirety.

Note 8/: Change "8/" to "7/"

PAGE 23

4.6 Delete "Matching" from list of tests.