

INCH-POUND

MIL-C-9963F  
 AMENDMENT 1  
 16 May 1991

## MILITARY SPECIFICATION

## CARTRIDGE, 5.56MM, BALL M193

This Amendment forms a part of Military Specification MIL-C-9963F, dated 15 October 1976, and is approved for use by the US Army, Armament, Munitions and Chemical Command and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 2

2.1, Delete "10534605 - Packing and Marking, Cartridges, 5.56mm, Cartons; Bandoleers; Box, Ammunition, M2A1; Box Wirebound"

and substitute:

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

Delete "10535858 - Packing and Marking Cartridges, 5.56mm; Cartons; Box, Ammunition, M2A1; Box, Wirebound"

Delete "10542258 - Packing and Marking, Cartridges, 5.56mm; 10Rd Clips; Cartons; Bandoleers; Box, Ammunition, M2A1; Box Wirebound"

Delete "11735709 - Packing and Marking, Cartridges, 5.56mm; 10Rd Clips; Cartons; Bandoleer M8; Box Ammunition, M2A1; Box Wirebound"

PAGE 5

4.3.2 Delete in its entirety and substitute the following:

"4.3.2 Examination. One hundred percent examination shall be performed for all critical defects: Examination shall be visual or by means of a Government approved automated inspection system such as optical, mechanical or electrical. Examination for major and minor defects shall be performed on a class bases in accordance with the classification of defects, Table I, using applicable sampling plans and acceptance criteria of MIL-STD-105. The Acceptable Quality Level (AQL) for the major class

AMSC N/A

FSC 1305

1 of 3

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

MIL-C-9963F  
AMENDMENT 1

shall be 0.25 percent and the AQL for the minor class shall be 1.50 percent. Examination for Insufficient/Smeared Waterproofing Material (Primer Pocket joint), paragraph 4.3.2.1, Table I, No. 37, shall be on an individual basis with and AQL of 1.00 percent. All non-conforming cartridges shall be rejected."

PAGE 7

4.3.2.1 Delete No. 37 in its entirety and substitute the following:

<u>"No.</u>	<u>Defect and Method of Inspection</u>	<u>Critical</u>	<u>Major</u>	<u>Minor</u>	<u>Major or Minor</u>
37	Insufficient/Smeared Waterproofing material (primer pocket joint)"		X		
47	Weighing Weight, min <u>2/</u> , <u>3/</u>	X			

Delete Notes 1/ and 2/ in their entirety and substitute the following:

1/ 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.

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

3/ Acceptance Sample Inspection shall be by weight. Each lightweight cartridge shall be disassembled and the propellant weighed. Each such cartridge found to contain 10 grains or more of propellant shall be classed as a major defect. Any cartridge containing less than 10 grains shall be classed as a critical defect."

MIL-C-9963F  
AMENDMENT 1

PAGE 13

5.1 Delete "F1053585, F105344605, F10542258 or F11735709" and substitute "12551963"

Custodian:  
Army-AR

Preparing activity  
Army-AR

Air Force-99

(Project 1305-OD25)

Review activities:  
Air Force-99

User activities:  
Navy-OS, MC