

MIL-C-63989A(AR)  
AMENDMENT 1  
4 MARCH 1985

MILITARY SPECIFICATION  
CARTRIDGE, 5.56MM, BALL, M855

This amendment forms a part of Military Specification MIL-C-63989A(AR) dated 5 October 1984, 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 11

4.5.6.1: Delete in its entirety and substitute include in page 11.

PAGE 13

Add 4.5.6.3A as included page 13A.

FSC 1305

TABLE II. Quality conformance inspection

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AMENDMENT 1

## CLASSIFICATION OF DEFECTS &amp; TESTS

CATEGORY	TITLE	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	SHEET 1 OF 1		DRAWING NUMBER
				AQL OR 100%	REQUIREMENT PARAGRAPH	
6.1	Jacket					934 9657 / 93 92 529
						NEXT HIGHER ASSEMBLY
						934 9678 / 93 92 530
						PARAGRAPH REFERENCE / INSPECTION METHOD
TICAL		None Defined				
OR:		(Individual AQL's)				
1.		Diameter		1.50%	3.2	SMT
2.		Base thickness		1.50%	3.2	SMT
3.		Base thickness variation		1.50%	3.2	SMT
4.		Wall thickness at chamfer		1.50%	3.2	SMT
5.		Improper weight		1.50%	3.2	Balance
OR:		Evidence of poor workmanship		2.5%	3.18	Visual
1.						

TABLE II. Quality conformance inspection

TITLE		SHEET 1 OF 1		DRAWING NUMBER	
Bullet, Ball, 5.56MM (Alternative)				9392531	
				NEXT HIGHER ASSEMBLY	
				9342868	
				PARAGRAPH REFERENCE / INSPECTION METHOD	
PARAGRAPH	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	AQL OR 100%	REQUIREMENT PARAGRAPH	
CLASSIFICATION OF DEFECTS & TESTS					
4.5.6.3A	Bullet, Ball, 5.56MM (Alternative)				
CATEGORY					
CRITICAL:	None Defined				
MAJOR:	(Individual AQL's)				
101.	Diameter of bourrelet		1.50%	3.2	SMTE
102.	Concentricity of boat-tail to bourrelet diameter		1.50%	3.2	SMTE
103.	Length of boat-tail		1.50%	3.2	SMTE
104.	Angle of boat-tail		1.50%	3.2	SMTE
105.	Length of bullet		1.50%	3.2	SMTE
106.	Distance from bullet tip to cannellure		1.50%	3.2	SMTE
107.	Concentricity of bullet tip to bourrelet diameter		1.50%	3.2	SMTE
108.	"X" OMITTED				
109.	Diameter of knurl		1.50%	3.2	SMTE
110.	Ogive radius		1.50%	3.2	SMTE
111.	Bullet tip, width		1.50%	3.2	SMTE
112.	Improper weight		1.50%	3.2	SMTE
113.	Improper contact of slug to surface		1.50%	3.2	Balance
114.	Damaged cannellure		1.50%	3.2	Visual
115.	Lead above bullet base		1.50%	3.2	Visual
INOR:					
201.	Evidence of poor workmanship		2.50%	3.18	Visual