

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**CLASSIFICATION OF DEFECTS & TESTS**MIL-C-63989A (AR)
AMENDMENT 1

DRAWING NUMBER	SHEET 1 OF 1	NO. OF SAMPLE UNITS	EXAMINATION OR TEST	AQL OR 100%	REQUIREMENT PARAGRAPH	PARAGRAPH REFERENCE / INSPECTION METHOD
934 9657 / 93 92529			Jacket			
NEXT HIGHER ASSEMBLY						
934 9678 / 93 92530			None Defined (Individual AQL's)			
			1. Diameter 2. Base thickness 3. Base thickness variation 4. Wall thickness at chamfer 5. Improper weight	1.50% 1.50% 1.50% 1.50% 1.50%	3.2 3.2 3.2 3.2 3.2	SMT SMT SMT SMT Balance
			Evidence of poor workmanship	2.5%	3.18	Visual

TABLE II. Quality conformance inspection

		MIL-C-63989A(AR) AMENDMENT 1				
PARAGRAPH	TITLE	EXAMINATION OR TEST	NO. OF SAMPLE UNITS	SHEET 1 OF 1		DRAWING NUMBER
				AQL OR 100%	REQUIREMENT PARAGRAPH	
CATEGORY						9392531
CRITICAL:						HEAT TREATMENT ASSEMBLY
MAJOR:						9342868
MINOR:						PARAGRAPH REFERENCE / INSPECTION METHOD
4.5.6.3A	Bullet, Ball, 5.56MM (Alternative)	None Defined (Individual AQL's)				
		Diameter of bourrelet		1.50%	3.2	SMTF
		Concentricity of boat-tail to bourrelet diameter		1.50%	3.2	SMTE
		Length of boat-tail		1.50%	3.2	SMTF
		Angle of boat-tail		1.50%	3.2	SMTE
		Length of bullet		1.50%	3.2	SMTE
		Distance from bullet tip to cannellure		1.50%	3.2	SMTE
		Concentricity of bullet tip to bourrelet diameter		1.50%	3.2	SMTE
		"X" OMITTED				
		Diameter of knurl		1.50%	3.2	SMTE
		Ogive radius		1.50%	3.2	SMTE
		Bullet tip, width		1.50%	3.2	SMTE
		Improper weight		1.50%	3.2	SMTE
		Improper contact of slug to surface		1.50%	3.2	Balance
		Damaged cannellure		1.50%	3.2	Visual
		Lead above bullet base		1.50%	3.2	Visual
		Evidence of poor workmanship		2.50%	3.18	Visual
201.						