

INCH-POUND

MIL-R-71135(AR)
AMENDMENT 1
8 December 1992

MILITARY SPECIFICATION

RIFLE, 5.56MM: M16A2E3

This amendment forms a part of MIL-R-71135(AR), dated 19 June 1992, 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.

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3.4.6: Delete in it's entirety and substitute the following:

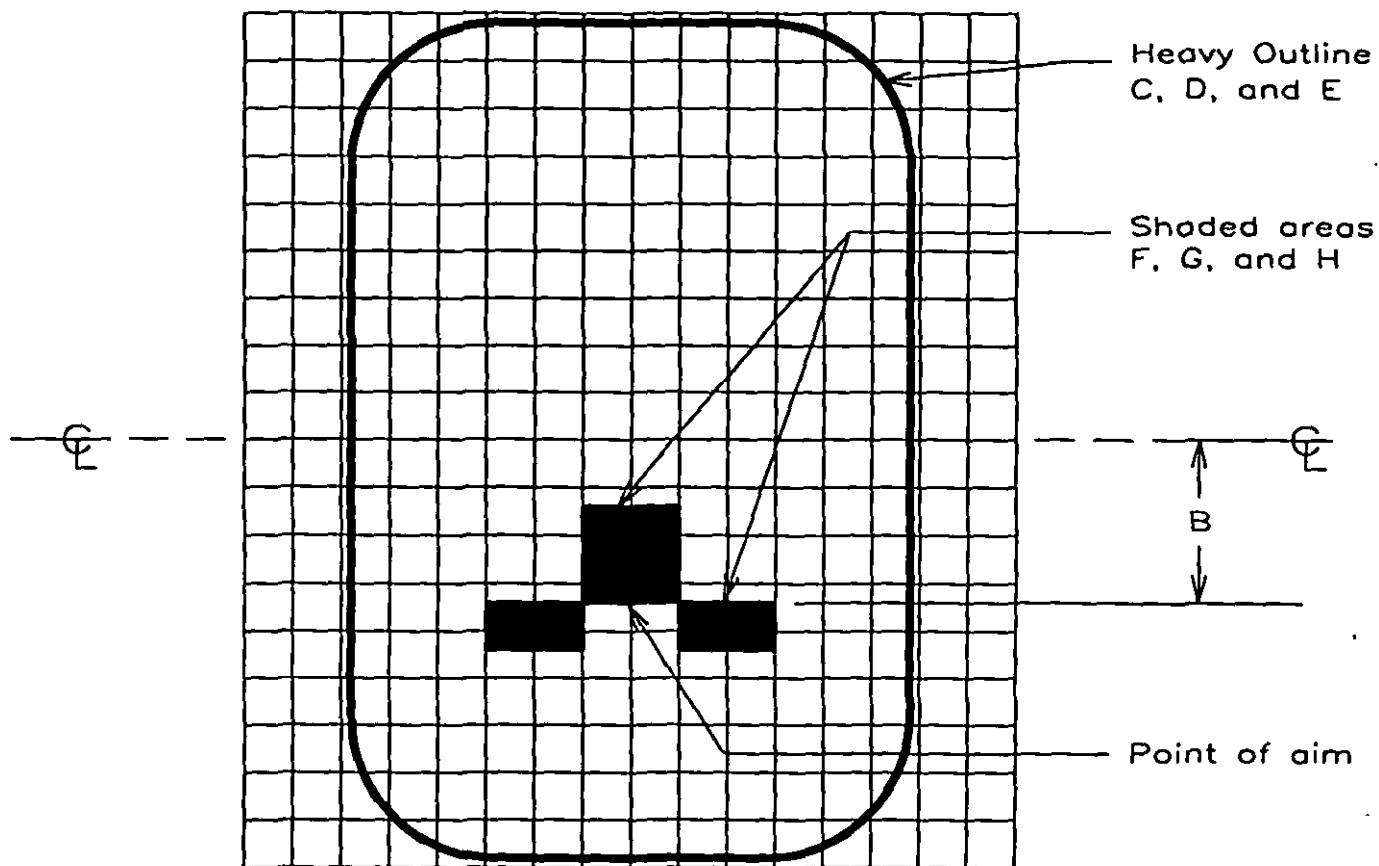
"3.4.6 Targeting and accuracy. A series of 10 rounds fired from each rifle at a range of 91.4 meters shall be within the extreme spread and targeting area (heavy outline) specified in Figure I when the front and rear sights are set as follows. The normal rear sight peep (sight rotated fully rearward) shall be used with the rear sight set centrally in the slot for windage within plus or minus five (5) clicks. The top edge of the front sight post flange shall be set flush to .030 inch below the bottom surface of the front sight slot. Ammunition shall be Government standard M855, 5.56mm ball cartridges conforming to Drawing 9342868 and shall have a vertical and horizontal standard deviation at 600 yards between 3.4 inches and 4.0 inches when measured in accordance with MIL-C-63989."

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Figure I: Delete in its entirety and substitute the following:

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- A - 10 shot group extreme spread
- B - Vertical distance from target centerline to point of aim
- C - Height of heavy outline
- D - Width of heavy line
- E - Radius of corners of heavy outline
- F - Width of shaded areas
- G - Height of upper shaded area
- H - Heights of lower shaded areas
- I - Grid dimensions

Target Diagram For		Dimensions in inches								
		Group	P.O.A.	Heavy Outline			Shaded Areas			Grid
Meters	Yards	A	B	C	D	E	F	G	H	I
91.4	100	5.0	3.5	17.6	11.6	2.8	2.0	2.0	1.0	1.0

FIGURE 1. Targeting and accuracy diagram.

Custodians:
Army-AR

Preparing activity:
Army-AR

(Project 1005-A778)