

INCH-POUND

MIL-M-70542 (AR)  
AMENDMENT 1  
29 April 1991

MILITARY SPECIFICATION

MUZZLE BORESIGHT DEVICE: 11785384  
(M26 FOR 105MM GUN TUBE)

This amendment forms a part of MIL-M-70542(AR), dated 25 February 1985, 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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3.5.1, delete in its entirety and substitute:

"3.5.1 Collimation. Collimation error, defined as the angular difference in the alignment of the optical axis with the mechanical axis, shall not exceed 20 seconds when the Muzzle Boresight Device is mounted in the test fixture."

3.5.3, delete in its entirety and substitute:

"3.5.3 Collimation repeatability. The collimation repeatability error shall not exceed 15 seconds. All measurements must meet the collimation requirements of 3.5.1."

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4.7.4.1, delete last sentence in its entirety and substitute:

'Collimation is met when collimation error is within 20 seconds as required by paragraph 3.5.1, when rotated through 360°, minimum of four readings 90° apart".

4.7.4.3.2, delete fourth sentence in its entirety and substitute:

"Repeatability within 15 seconds is acceptable."

Custodian  
Army-AR

Preparing Activity:  
Army-AR  
(Project 1240-AB14)