

INCH -POUND

MIL-C-46540B  
AMENDMENT 2  
22 May 1998  
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SUPERSEDING  
AMENDMENT 1  
12 August 1976

MILITARY SPECIFICATION

CASE, CARTRIDGE: 20MM, M103

MIL-C-46540 was inactivated after February 1996 for New Design.

This amendment forms a part of Military Specification MIL-C-46540B, dated 14 Jun 1976, and is approved for use by the U.S. Army Armament, Research, Development and Engineering Center, and is available for use by all Departments and Agencies of the Department of Defense.

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- \* 2.1, Under Drawings, Add: "1575AS300 - Cartridge, 20mm, Target Practice, PGU-27/B"

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- 4.3.1, First article sample. Last sentence delete "projectile assemblies" and substitute "cartridge cases".

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- 4.4.3.1, under Major, delete defect 122 and substitute the following:  
"122. Diameter, body taper at location near head, min ----- Gage"
- 4.4.3.1, under Major, add the following:  
"124. Diameter, body taper at location near shoulder, min -----Gage"

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- \* 4.5.5 Function and Casualty - Delete in its entirety and substitute the following:  
"4.5.5 Function and Casualty. The method of test shall be as specified in AMCR-715-505, Volume 8. The test sample cases shall be assembled as Cartridges, 20MM, Target Practice, M55A2, conforming to Dwg. D7258817; or Target Practice, PGU-27, conforming to Dwg 1575AS300. The sample test cartridges shall be fired, at ambient temperature, in

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bursts of 50 rounds in the quantities and weapons as specified in the table below. The gun barrel(s) shall be at ambient temperature at the beginning of the test and shall be cooled to ambient temperature after each 100 rounds. This test shall be conducted at a facility designated by the procuring activity.

<u>Accepted cases will be used in</u>	<u>M61 Weapon</u>	<u>M39 Weapon</u>
20mm PGU Ammunition:	400	
All other 20mm Ammunition:	200	200*
Case First Article Test:	2000	2000**

\*Customers, through the procuring activity, may modify this requirement and base acceptance of cartridge cases that will be used to fulfill their orders on the firing of 400 rounds in the M61 Gun.

\*\* Customers, through the procuring activity, may modify the first article test and base acceptance of cartridge cases on the firing of 4000 rounds in the M61 Gun."

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire contract irrespective of the marginal notations and relationship to the last previous amendment.

Custodian:  
Army-AR

Preparing activity:  
Army-AR

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