

INCH-POUND

MIL-C-46552C  
AMENDMENT 2  
31 July 1998  
SUPERSEDING  
AMENDMENT 1  
31 October 1996

MILITARY SPECIFICATION

CARTRIDGE, 20MM, TARGET PRACTICE, M55A2

MIL-C-46552 was inactivated after 31 October 1996 for new design.

This amendment forms a part of MIL-C-46552C, dated 7 May 1976, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

2.1, Make the following changes:

Under Drawings, add "10534010 - Waterproofness Testing Apparatus".

Under Publications add: "SCATP-7.62 - Ammunition Ballistic Acceptance Test Methods, Test Procedures for 7.62MM Cartridges".

PAGE 3

3.9, Delete in its entirety and substitute the following:

"3.9 Waterproofness. The cartridge shall not release more than one bubble of air from the mouth of the case when subjected to a pressure differential of 7.5 psi for 30 seconds.".

PAGE 6

4.4.4, Table I, Waterproofness, Under Sample Size Production Lot, delete "20" and substitute "23".

MIL-C-46552C  
AMENDMENT 2

PAGE 8

4.4.4, Table I, Note 8/, Delete in its entirety and substitute the following:

"8/ Waterproofness. Failure of two or more of the sample cartridges to comply with the specified waterproofness requirement shall cause rejection of the lot. If one cartridge of the sample fails to comply, a second sample of 23 cartridges shall be tested. The lot shall be rejected if two or more of the combined samples fail to comply with the waterproofness requirements.".

\* Table 1, Note 11/ add:

"If a second sample is permitted in accordance with the criteria stated above then customers, through the procuring activity, may modify this requirement and base acceptance on firing a second sample of 800 cartridges entirely in the M61 gun."

PAGE 10

4.4.4.1, Table II, Note 2/, make the following changes:

Line 1, Delete ", excepting those from the waterproofness test (Table I),"

Line 17, Delete "Misfire(s) occurring in the waterproofness test shall be handled in accordance with AMCR 715-505, Volume 8.".

PAGE 11

4.5.5, Delete "and Waterproofness" from title.

PAGE 12

\* 4.5.8, Add the following:

"Customers, through the procuring activity, may modify this requirement and base acceptance on firing only in the M61 gun."

MIL-C-46552C  
AMENDMENT 2

Add the following paragraph:

"4.5.11 Waterproofness. The method of test shall be as specified in SCATP-7.62. The equipment required to conduct this test is specified on drawing 10534010. The container shall be evacuated to a pressure of 7.5 psi below atmosphere, and held at that pressure for 30 seconds."

The margins of this amendment are marked with an asterisk or vertical lines 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 content irrespective of the marginal notations and relationship to the last previous amendment.

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