

INCH POUND

MIL-B-71154 (AR)
AMENDMENT 3
05 MAY 2000
SUPERSEDING
AMENDMENT 2
07 AUGUST 1996

MILITARY SPECIFICATION

BODY 60MM FOR CARTRIDGE, PRACTICE M766

This amendment forms a part of MIL-B-71154 (AR), dated 01 November 1993, 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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4.4.2.1, Major 109, Delete in its entirety.

Delete Note a. in its entirety and substitute: "a. The sample is 25 per mill heat or material lot (See 4.5.2.1)."

Change description of Major 108 to read: "Projected runout of pitch diameter of rear thread to rear face and bourrelet diameter,"

Change description of Major 110 to read: "True position of rear increment holes to rear flange and rear thread,"

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4.4.2.1, Change description of Major 121 to read: "Runout of rear taper to rear face and rear thread pitch diameter."

Delete Major 125 in its entirety.

Delete Major 128 in its entirety.

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AMSC N/A

FSC 1315

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PAGE 9 (cont)

Change description of Major 130 to read: "Location of rear increment holes,"

Change description of Major 131 to read: "Projected runout of pitch diameter of forward thread to bourrelet and forward face."

4.4.2.1, Major 115, Delete the word "vent", and substitute: "increment".

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4.5.2.1, Delete the first sentence in its entirety and substitute: "25 Projectile bodies shall be randomly selected from each lot or heat of material and shall be tested for relative hardness."

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* Delete 4.5.3 in its entirety and substitute:

"4.5.3 Tensile test. Two specimens each shall be fabricated from the hardest and softest bodies from the hardness test in 4.5.2. The specimens shall be the largest round specimens obtainable in conformance with ASTM-E8, except that the grip areas may be less than full round sections. The tensile specimens may be fabricated prior to machining the obturator groove after any required heat treatment. The center of the tensile test specimens shall be from the center or rear of the zone where the obturating band groove will subsequently be located. All specimens must meet or exceed all mechanical property requirements shown on drawing 12953576. The failure of any specimen to meet any of the mechanical property requirements shall be cause for rejection of all projectiles represented by that specimen. If one heat of steel is projected to be used for the manufacture of more than one month's projectile bodies, the total number of tensile specimens expected should be tested at the start of the heat's use."

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