

INCH-POUND
MIL-DTL-46063H
Amendment 1
26 August 1999
SUPERSEDING
MIL-DTL-46063H
14 September 1998

DETAIL SPECIFICATION

ARMOR PLATE, ALUMINUM ALLOY, 7039

This amendment forms a part of MIL-DTL-46063, dated 14 September 1998, and is approved for use by all Departments and Agencies of the Department of Defense.

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A.3.1 Delete entire paragraph and substitute the following new paragraph:

“A.3.1 Complete penetration, CP (P). A complete penetration occurs when the impacting projectile, or any fragment thereof, or any fragment of the test specimen passes beyond the back of the test plate and perforates the witness plate, resulting in a crack or hole which permits light passage when a 60-watt, 110-volt bulb is placed proximate to the witness plate. In addition, any backspall which is dislodged off the back of the plate by a fragment-simulating projectile impact and which hits the witness sheet will be considered to be complete penetration whether or not the witness sheet is perforated.

A.3.4 Insert the word “fair” after the first word in the first sentence, which follows the title paragraph heading “A3.4 Partial penetration, (PP).” The replacement paragraph will now read as follows:

“A3.4 Partial penetration, PP (P). Any fair impact which is not a complete penetration should be considered a partial penetration.”

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TABLE A-III. MINIMUM required ballistic limits - 20-mm fragment simulating projectiles at 0° obliquity. Insert in the second column under “Thickness, in.,” “1.305” and insert under the corresponding “Required BL(P), fps,” in column 4, “2028.”

Custodians:

Army - MR

Navy - AS

Air Force - 11

DLA – IS

Preparing Activity: Army - MR

Project 9535-0635