

Element Materials Technology Wichita

7447 W. 33rd St. N.
Wichita, KS 67205 U.S.A.
Phone: (316) 832-1600
www.element.com

HARD ARMOR STAND-ALONE PLATE:
P-BFS TEST

Date Received: April 10, 2025
Via: Hand Carry
Returned Via: Hand Carry

Record No.: RMA25004-1
Test Date: April 10, 2025
Customer: RMA Armament, Inc.

Test Conditions

Temperature: 72.1 °F
Humidity: 33 %

Range 3
Muzzle to Screen 1: 10.00 ft.
Screen 1 - 4: 5.00 ft.
Screen 4 - Target: 10.00 ft.
Midpoint to Target: 12.50 ft.
Barrel Length: 28 in.

Clay Block No.: 11
Clay Block Size: 24" x 24" x 5.5" °F
Clay Temp.: 98.0
Drop Average: 19.42

Test Standard: Modified / Abbreviated NIJ Standard 0101.07 October, 2023
Threat Level: NIJ RF3

Sample Tested Description		Shot / Projectile Description					Chronograph		Test Results
Manufacturer:	RMA Armament, Inc.	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFD (mm)
Model No.:	1165MC-Gen2	1	1	0°	.30-06	165.7 / M2 AP	174.8	2860	34.09
Lot No.:	240628								
Serial No.:	20250990165								
Size:	9.5 x 12.5								
Weight (lbs.):	6.372								

This test was performed in accordance with the specification requirements listed in addition to any customer testing modifications or requests. The test results properly reflect the ballistic performance of the listed sample. This test report shall not be reproduced except in full without written approval of Element Materials Technology.

Notes:

•Plate tested non-planar (with clay build-up/mound)

Ammunition Description:

.30 Cal. (.30-06) 166 gr. (10.8g) AP (U.S Military M2AP)
Velocity: 2880 +/- 30 ft/s

Sample Description:

•Customer Proprietary.

ITAR-Controlled Data

This document contains technical data whose export and reexport/retransfers is subject to control by the U.S. Department of State under the Arms Export Control Act and the International Traffic in Arms Regulations. The Department of State’s prior written approval is required for the export or reexport/retransfer of such technical data to any foreign person, foreign entity, or foreign organization whether in the United States or Abroad.

Project Manager: Montgomery
Range Tech(s): Nold