

National Technical Systems

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HARD ARMOR STAND-ALONE PLATE:

P-BFS TEST

Date Received: June 11, 2021
Via: UPS
Returned Via: UPS

Record No.: RMA21004-1
Test Date: July 20, 2021
Customer: RMA Armament, Inc.

Test Conditions

Temperature: 70.4 °F
Humidity: 54 %

Clay Block No.: 7
Clay Block Size: 24" x 24" x 5.5"
Clay Temperature: 99.9 °F
Drop Average: 18.35 mm

Test Standard: IAW Modified / Abbreviated NIJ 0101.06, July 2008
Threat Level: IV

Conditioning: No
Drop Test: Yes
Submersion: Yes

Range 3

Muzzle to Screen 1: 39.30 ft.
Screen 1 - 4: 5.00 ft.
Screen 4 - Target: 5.70 ft.
Midpoint to Target: 8.20 ft.
Barrel Length: 28 in.

Sample Description		Shot / Projectile Description				Chronograph		Test Results	
Manufacturer: RMA Armament, Inc. Model No.: FSAPI-M-GEN2 Lot No.: N/A Serial No.: Test Sample - 1 Size: 9.5 x 10.75 Weight (lbs.): 7.117		Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation
									BFS (mm)
				1	Crown	0°	.30 Cal. (.30-06)	166 / M2AP	175.2
		2	Bottom Right	0°	170.8	2927			30.46

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 National Technical Systems.

Test Remarks/Notes:

•Stand-Alone plate tested non-planar (with clay mound / build-up)

Sample Description:

•Customer Proprietary

Project Manager: Nold
Range Tech(s): Montgomery

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HARD ARMOR STAND-ALONE PLATE:

P-BFS TEST

Date Received: June 11, 2021
 Via: UPS
 Returned Via: UPS

Record No.: RMA21004-2
 Test Date: July 20, 2021
 Customer: RMA Armament, Inc.

Test Conditions

Temperature: 70.4 °F
 Humidity: 54 %
 Clay Block No.: 7
 Clay Block Size: 24" x 24" x 5.5"
 Clay Temperature: 99.9 °F
 Drop Average: 18.35 mm

Range 3

Muzzle to Screen 1: 39.30 ft.
 Screen 1 - 4: 5.00 ft.
 Screen 4 - Target: 5.70 ft.
 Midpoint to Target: 8.20 ft.
 Barrel Length: 26 in.
 24in.

Test Standard: IAW Modified / Abbreviated NIJ 0101.06, July 2008
 Threat Level: IV

Conditioning: No
 Drop Test: Yes
 Submersion: Yes

Sample Description	Shot / Projectile Description				Chronograph		Test Results	
Manufacturer: RMA Armament, Inc. Model No.: FSAPI-M-GEN2 Lot No.: N/A Serial No.: Test Sample - 2 Size: 9.5 x 10.75 Weight (lbs.): 7.089	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFS (mm)
	1	Crown	0°	5.56x45mm	62 / M855 A1	161.4	3098	0.62
	2	Bottom Right	0°		55 / M193	155.2	3222	9.62
	3	Bottom Left	0°	7.62x39mm	119 / API BZ	204.0	2451	22.97

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Test Remarks/Notes:
 •Stand-Alone plate tested non-planar (with clay mound / build-up)

Sample Description:
 •Customer Proprietary

Project Manager: Nold
 Range Tech(s): Montgomery