

National Technical Systems

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HARD ARMOR STAND-ALONE PLATE: P-BFS TEST

Date Received: August 28, 2023
Via: Hand Carry
Returned Via: Hand Carry

Record No.: RMA23004-11
Test Date: August 28, 2023
Customer: RMA

Test Conditions

Temperature: 68.9 °F
Humidity: 45 %
Clay Block No.: 11
Clay Block Size: 24" x 24" x 5.5"
Clay Temperature: 98.2 °F
Drop Average: #DIV/0! 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.

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

Conditioning: No
Drop Test: Yes
Submersion: No

Sample Description	Shot / Projectile Description				Chronograph		Test Results	
	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFS (mm)
Manufacturer: RMA	1	Crown	0°	7.62mm NATO	147 / FMJ (M80)	179.1	2792	36.95
Model No.: 1016	2	Bottom Left	0°			178.8	2796	40.72
Lot No.: 238889	3	Bottom Right	0°			179.6	2784	37.17
Serial No.: SAMPLE2								
Size (in.): 9 x 11								
Weight (lbs.): 2.508								

This test was performed in accordance with the specification requirements listed in addition to any customer testing modification 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)

Ammunition Description:

Threat D
Velocity: 2850 + 50 ft/s

Sample Description:

•Customer Proprietary

Project Manager: Nold
Range Tech(s): Montgomery