

# National Technical Systems

7447 W. 33rd St. N.  
Wichita, KS 67205 U.S.A.  
Phone (316) 832-1600 Fax (316) 832-1602  
Email ustl@nts.com  
www.nts.com/locations/wichita

## HARD ARMOR STAND-ALONE PLATE:

### P-BFS TEST

Date Received: July 26, 2023  
Via: UPS  
Returned Via: UPS

Record No.: RMA23003-1  
Test Date: July 26, 2023  
Customer: RMA

#### Test Conditions

Temperature: 72.6 °F  
Humidity: 54 %  
  
Clay Block No.: 11  
Clay Block Size: 24" x 24" x 5.5"  
Clay Temperature: 96.0 °F  
Drop Average: 18.01 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: 28 in.

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

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 Model No.: 1165 Lot No.: 238860 Serial No.: Test1 Size (in.): 10x12 Weight (lbs.): 6.856	1	Top Left	0°	.30 Cal. (.30-06)	166 / M2AP	173.4	2884	37.56
	2	Bottom Right	0°			174.4	2867	40.61

***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 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:

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

#### Sample Description:

•Customer Proprietary

Project Manager: Montgomery  
Range Tech(s): Wilson / Randolph