

# National Technical Systems

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## HARD ARMOR STAND-ALONE PLATE:

### P-BFS TEST

Date Received: June 1, 2023  
Via: Hand Carry  
Returned Via: Hand Carry

Record No.: RMA23002-1  
Test Date: June 1, 2023  
Customer: RMA Armament

#### Test Conditions

Temperature: 70.0 °F  
Humidity: 54 %  
Clay Block No.: 7  
Clay Block Size: 24" x 24" x 5.5"  
Clay Temperature: 101.4 °F  
Drop Average: 20.08 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: 20 in.

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

Conditioning: No  
Drop Test: No  
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 Armament | 1                             | Crown         | 0°               | 7.62x39mm | 119 / API BZ               | 212.8       | 2350          | 32.74                |
| Model No.: ESRT-M          | 2                             | Bottom Right  | 0°               |           |                            | 209.1       | 2391          | 28.80                |
| Lot No.: Test06-1          | 3                             | Bottom Left   | 0°               |           |                            | 212.4       | 2354          | 38.74                |
| Serial No.: Sample06-01    |                               |               |                  |           |                            |             |               |                      |
| Size: 9.5x12.5             |                               |               |                  |           |                            |             |               |                      |
| Weight (lbs.): 5.134       |                               |               |                  |           |                            |             |               |                      |

*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.*

#### Notes:

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

#### Ammunition Description:

Russian 7.62x39mm 119 gr. API BZ  
Velocity: 2350 +/- 30 ft/s

#### Sample Description:

•Customer Proprietary

Project Manager: Montgomery  
Range Tech(s): Nold