

BALLISTIC RESISTANCE TEST

Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: ShotStop Ballistics, LLC
Job No.: 2631-009
Test Date: 11/22/2016

Test Panel

Description: Plate tested as stand alone.

Manufacturer: ShotStop Ballistics, LLC

Sample No.: OH10952-10106-1-8

Size: 8.00 x 10.00 in
Avg. Thick: NA
Thickness: NA

Weight: 5.00 lbs
Plies/Laminates: NA

Date Received: 11/18/2016
Via: FedEx
Returned: FedEx

Setup

Shot Spacing: NIJ-STD-0101.06 Level IV
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 37.000, 37.333,
46.667, 47.000
Primary Vel. Location (ft): 42.000
Range to Target (ft): 50.200
Target to Witness (in): 0.000

Range No.: 5
Temp: 67.1 °F
BP: 30.2 inHg
RH: 37.7%
Barrel/Gun: NA
Gunner: Tony Contreras
Recorder: J. McDowell

Ammunition

Projectile	Lot No.	Powder
(1) .30-06-cal., 166-grain APM2	Military	N133

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 11:15 AM; Block No. 26; Temp: 91.8°F; Drop Depths: 19.8mm,19.6mm,16.7mm,17.9mm,19.7mm
(1) NIJ-STD-0101.06 Level IV (modified)
(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	162.2	3508	2851	3277	2848	2849	None	37.4	0.0	(a)

Remarks:

Required velocity: 2850 to 2910 ft/s

Footnotes:

(a) The projectile had an insufficient velocity.