

BALLISTIC RESISTANCE TEST

Element U.S. Space & Defense-Belcamp

 4603B Compass Point Road
 Belcamp, MD 21017

Client: Top Protections BV

Project No.: PH00011445

Test Date: 05/22/2024

Page 1 of 1

Test Panel Description: Torso plate tested stand alone.

Manufacturer: Top Protections BV

Sample No.: (.44 Mag, V0) TPNL-PIIIAH-A-C-SC

 Size: 10.00 x 12.00 in
 Avg. Thickness: N/A
 Thicknesses: N/A

 Weight: 1.260 lbs
 Plies/Laminates: N/A

 Date Received: 05/20/2024
 Received Via: USPS
 Returned Via: USPS

Setup

 Shot Spacing: NIJ-STD-0108.01
 Level IIIA
 Witness Panel: 0.02 in 2024-T3 Al
 Backing Material: N/A
 Condition: Ambient

 Primary Vel. Screens (ft): 6.500, 9.500
 Primary Vel. Location (ft): 8.000
 Range to Target (ft): 16.400
 Target to Witness (in): 6.000

 Range No.: Range 1
 Temp: 69.8 °F
 BP: 30.2 inHg
 RH: 53 %
 Barrel/Gun: CDS-191
 Gunner: Adam Beach
 Recorder: Isaiah Lookingbill

Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) .44 Mag, 240-grain SJHP	J28W	Speer	Accurate No. 5

Applicable Standards or Procedures

- (1) NIJ-STD-0108.01 Level IIIA (Modified)
 (2) Customer Request

Shot No.	Ammo	Powder/ Seating	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Obliq. (°)	Footnotes
1	1	15.0	240.4	2101	1428	2101	1428	1428	None	0	
2	1	15.0	240.4	2066	1452	2062	1455	1453	None	0	
3	1	15.0	240.5	2084	1440	2084	1440	1440	None	0	
4	1	15.0	240.6	2092	1434	2088	1437	1435	None	0	
5	1	15.0	240.7	2084	1440	2084	1440	1440	None	0	

Remarks:

 Required Velocity: 1350-1450 ft./s.
 Projectile Yaw Check: 0° Yaw on All Impacts.

Footnotes:

N/A