



Ballistic Resistance Test

SMS Testing

201 McNamee Ln.
Rising Sun, MD 21911

Client: Invictus Templar

Job No.: 290-1867

Test Date: 7/1/2026

Test Panel Description: Ballistic helmet w/ pads & retention system; Model: INV-FST-PE-III.A.

Manufacturer:	Invictus Templar	Sample No.	001 (.44 Mag, V0)
Size:	Large	Weight:	3.67 lbs
Thicknesses (in):	0.481 0.486 0.469 0.477	Plies:	
Avg Thickness (in):	0.478		

Setup

Shot Spacing:	NIJ 0106.01	Muzzle to Target (ft):	16	Range No.	1
Witness Panel:	Roma Plastalina #1	Target to Witness (in):	N/A	Temp:	68°F
Backing Material:	NIJ Clay Filled Head Form	VS Screen 1 (ft):	6.5	RH:	57%
Condition:	Ambient	VS Screen 2 (ft):	9.5	Barrel/Gun:	P027 .44 Mag
		Midpoint to Target (ft):	8	Technician:	Tim
				Range Manager:	Johnny

Ammunition

Projectile	Manufacturer / Lot No.	Powder
1 .44 Mag SWC	Speer	3N37
2		
3		

Applicable Standards or Procedure**Clay**

1	NIJ Standard 0106.01 (Mod)
2	Per Customer Request
3	

Drops:

Temp:

Block No:

Shot Table

Shot No.	Ammo	Weight (Gr)	Time 1 (sec)	Vel. 1 (ft/s)	Time 2 (sec)	Vel. 2 (ft/s)	Velocity Average (ft/s)	Velocity Striking (ft/s)	Penetration	BFD (mm)	Obliq.	Notes
1	1	240.4	0.004623	1406	0.002138	1403	1404.5	1405	Partial	30.1	0°	
2	1	240.7	0.004539	1432	0.002101	1428	1430.0	1430	Partial	25.5	0°	
3	1	240.4	0.004710	1380	0.002180	1376	1378.0	1378	Partial	28.6	0°	
4	1	240.3	0.004607	1411	0.002132	1407	1409.0	1409	Partial	30.9	0°	

Remarks

Remarks: Required Velocity: 1400 ± 50 ft./s.
Yaw Check: 0° on impacted areas.

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