



2873 22nd St SE
Salem, OR 97302

Tel: 503.540.8114
Fax: 503.362.5597
www.oregonbl.com
ISO/IEC 17025:2017 Accredited Laboratory
NVLAP Code: 200826-0

February 23, 2022

Safe Life Defense
1379 Raiders Way
Henderson, NV 89052
ATTN: Nick Groat

Dear Mr. Groat:

In accordance with your instructions, Oregon Ballistic Laboratories conducted Ballistic Resistance (V₀) testing on four samples.

The samples were tested in accordance with NIJ-STD-0101.06 Level IIIA (abbreviated) (modified) in an indoor range with the muzzle of the test barrel mounted 15 feet away from the target and positioned to produce 0-degree obliquity impacts. Four infrared light screens, in conjunction with time-based frequency counters, were placed such that bullet velocity was measured 8.25 feet from the target. Penetrations were determined by examination of a 5.5-inch clay block mounted behind the test sample. Results for all testing performed for this purpose are summarized in the following table.

Test Sample			Ballistic Threat				Results			
OBL No.:	Sample No.:	Weight (lbs.)	Projectile	Shots	Velocity (fps)		Penetrations	BFD (mm)		Pass/Fail
					Min.	Max.		Min.	Max.	
31522	P21	1.23	.357 SIG TMJ	6	1463	1480	0	25.49	26.98	<u>PASS</u>
31523	P22	1.23	.357 SIG TMJ	6	1460	1476	0	24.56	26.99	<u>PASS</u>
31524	P23	1.23	.44 Mag SJHP	6	1422	1452	0	33.51	35.12	<u>PASS</u>
31525	P24	1.23	.44 Mag SJHP	6	1420	1452	0	32.95	34.23	<u>PASS</u>

*Data shown in the table represents fair impacts only.

This report pertains only to the samples tested and may not be modified or edited in any way. This report may not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any federal government agency. Samples will be maintained at Oregon Ballistic Laboratories for 30 days and discarded unless other instructions are received. If you have any further questions or concerns, don't hesitate to contact us.

Darius Nuttbrock
Ballistic Test Director
Oregon Ballistic Laboratories
503.689.5134
Email: dnuttbrock@oregonbl.com



BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
 OBL ID#: 31523
 Date Rcv'd: 2/22/2022
 Test Date: 2/23/2022
 Purchase Order:

TEST SAMPLE	
Sample No.:	P22
Model No.:	N/A
Lot No.:	N/A
Plies:	N/A
Description:	Level IIIA Soft Armor Panel
Size:	C1
Weight (lb.):	1.23
Thickness:	
Avg. Thk. (in):	

RANGE SET-UP									
Range to Target:	15 ft.	Range #:	3	Pre Test:					
Screen Dist. Vel. 1 (ft.):	5	Temperature:	66.9 °F	Clay Drops (mm):	20.24	18.91	20.35	19.79	18.94
Screen Dist. Vel. 2 (ft.):	4	Bar. Pressure:	30.38 in. Hg	Drop Avg (mm):	19.65				
Screen 4 to target (ft):	N/A	Rel. Humidity:	38.6 %	Clay Temp °F:	93.9				
Primary Vel. Location:	8.25 ft. from target	Sample Temp.	Amb. °F	Clay Box #:	2				
Striking Velocity:	No	Recorder:	Josh Humphreys	Post Test:					
Target to Witness:	N/A	Gunner:	Jerhemi Stone	Clay Drops (mm):	18.90	17.41	17.63	16.67	17.91
Witness Panel:	N/A			Drop Avg (mm):	17.70				
Backing Material:	5.5" clay block w/ 3/4" plywood backing			Clay Temp °F:	92.3				
Obliquity:	0 Degrees								
Barrel:	.357 Sig/1:16/10"								

AMMUNITION	
Projectile:	.357 SIG 125gr. TMJ Lot #4362
Powder:	Accurate No. 2

STANDARDS / PROCEDURES	
NIJ-STD-0101.06 Level IIIA (abbrev) (mod)	Required Velocity: 1470 fps ± 30 fps

SHOT NO.	PROJECTILE WT. (gr.)	POWDER WT. (gr.)	TIME 1 μs (10 ⁻⁶)	TIME 2 μs (10 ⁻⁶)	VELOCITY 1 ft/s	VELOCITY 2 ft/s	AVERAGE VELOCITY	PENET. P/C	OBLIQUITY	CALIPER BFD	NOTES
1	125.2	6.6	3418	2724	1463	1468	1466	P	0°	24.56	
2	124.9	6.6	3425	2740	1460	1460	1460	P	0°	26.99	
3	125.1	6.6	3409	2717	1467	1472	1470	P	0°	26.95	
4	124.2	6.6	3390	2712	1475	1475	1475	P	30°		
5	125.0	6.6	3389	2711	1475	1475	1475	P	45°		
6	125.6	6.6	3385	2712	1477	1475	1476	P	0°		

REMARKS:
 P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit
 Projectile Yaw Check: <5° for all velocity shots

TEST RESULTS:
 Test sample satisfied the ballistic requirements given.
FOOTNOTES:
 Sample was not subjected to Armor Submersion.

This report pertains only to the samples tested and must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Customer: Safe Life Defense
 OBL ID#: 31525
 Date Rcv'd: 2/22/2022
 Test Date: 2/23/2022
 Purchase Order:

TEST SAMPLE

Sample No.: P24
 Model No.: N/A
 Lot No.: N/A
 Plies: N/A
 Description: Level IIIA Soft Armor Panel

Size: C1
 Weight (lb.): 1.23
 Thickness:
 Avg. Thk. (in):

RANGE SET-UP

Range to Target:	15 ft.	Range #:	3	Pre Test:					
Screen Dist. Vel. 1 (ft.):	5	Temperature:	67.3 °F	Clay Drops (mm):	20.24	18.91	20.35	19.79	18.94
Screen Dist. Vel. 2 (ft.):	4	Bar. Pressure:	30.38 in. Hg	Drop Avg (mm):	19.65				
Screen 4 to target (ft):	N/A	Rel. Humidity:	35.4 %	Clay Temp °F:	93.9				
Primary Vel. Location:	8.25 ft. from target	Sample Temp.	Amb. °F	Clay Box #:	2				
Striking Velocity:	No	Recorder:	Josh Humphreys	Post Test:					
Target to Witness:	N/A	Gunner:	Jerhemi Stone	Clay Drops (mm):	18.90	17.41	17.63	16.67	17.91
Witness Panel:	N/A			Drop Avg (mm):	17.70				
Backing Material:	5.5" clay block w/ 3/4" plywood backing			Clay Temp °F:	92.3				
Obliquity:	0 Degrees								
Barrel:	.44 Mag/1:20/15"								

AMMUNITION

Projectile: .44 Mag 240gr. SJHP Lot #4453
 Powder: Accurate No. 2

STANDARDS / PROCEDURES

NIJ-STD-0101.06 Level IIIA (abbrev) (mod)
 Required Velocity: 1430 fps ± 30 fps

SHOT NO.	PROJECTILE WT. (gr.)	POWDER WT. (gr.)	TIME 1 μs (10 ⁻⁶)	TIME 2 μs (10 ⁻⁶)	VELOCITY 1 ft/s	VELOCITY 2 ft/s	AVERAGE VELOCITY	PENET. P/C	OBLIQUITY	CALIPER BFD	NOTES
1	240.2	11.6	3513	2824	1423	1416	1420	P	0°	32.95	
2	240.7	11.6	3436	2760	1455	1449	1452	P	0°	34.23	
3	240.7	11.6	3475	2779	1439	1439	1439	P	0°	34.23	
4	240.3	11.6	3465	2785	1443	1436	1440	P	30°		
5	240.6	11.6	3512	2823	1424	1417	1421	P	45°		
6	240.6	11.6	3445	2769	1451	1445	1448	P	0°		

REMARKS:

P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit
 Projectile Yaw Check: <5° for all velocity shots

TEST RESULTS:

Test sample satisfied the ballistic requirements given.

FOOTNOTES:

Sample was not subjected to Armor Submersion.