



July 7, 2016

Safe Life Defense
8365 Cupertino Heights Way
Las Vegas, NV 89178
ATTN: Nick Groat

Dear Mr. Groat:

In accordance with your instructions, Oregon Ballistic Laboratories conducted Ballistic Resistance (V_0) testing on four samples.

The sample was tested in accordance with NIJ-STD-0101.06 Level IIIA (abbrev) (mod) in an indoor range with the muzzle of the test barrel mounted 50 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 positioned 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.:	Model No.:	Weight (lbs.)	Projectile	Shots	Velocity (fps)		Penetrations	BFD (mm)		Pass/Fail
					Min.	Max.		Min.	Max.	
13026	SLD-MTC-IIIA	2.38	.357 SIG FN	6	1461	1482	0	22.98	24.86	Pass
13027	SLD-MTC-IIIA	2.98	.44 Mag SJHP	6	1421	1439	0	22.77	35.01	Pass
13029	IIIA #1	2.87	.357 SIG FN	6	1443	1477	0	18.75	20.25	Pass
13028	IIIA #1	2.77	.44 Mag SJHP	6	1428	1440	0	30.42	33.54	Pass

Samples will be maintained at Oregon Ballistic Laboratories for 30 days and then discarded, unless other instructions are received. If you have any further questions or concerns, please contact us.

Sincerely,

Brandon Bertsch
Oregon Ballistic Laboratories



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



OREGON BALLISTIC LABORATORIES

BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
 OBL ID#: 13026
 Test Date: 6/29/2016
 Purchase Order:

TEST SAMPLE

Model No.: SLD-MTC-III A
 Sample No.: IIIA ID: "PREMIUM"
 Lot No.: N/A
 Plies: N/A
 Description: Level IIIA Soft Armor Panel

Size: N/A
 Weight (lb.): 2.38
 Thickness: N/A
 Avg. Thk. (in):

RANGE SET-UP

Range to Target: 16.5 ft. Range #: 2
 Screen Dist. Vel. 1 (ft.): 5 Temperature: 69.9 °F
 Screen Dist. Vel. 2 (ft.): 5 Bar. Pressure: 30.20 in. Hg
 Screen 4 to target (ft): N/A Rel. Humidity: 51.4 %
 Primary Vel. Location: 8.25 ft. from target Sample Temp. Amb. °F
 Striking Velocity: No Recorder: Joe Simon
 Target to Witness: N/A Gunner: Grant Zitek
 Witness Panel: N/A
 Backing Material: 5.5" clay block w/ 3/4" plywood backing
 Obliquity: 0 Degrees
 Barrel: .357 Sig/1:16/10"

Pre Test:
 Clay Drops (mm): 21.36 20.84 20.86 18.11 19.26
 Drop Avg (mm): 20.09
 Clay Temp °F: 94.1
 Clay Box #: 2
 Post Test:
 Clay Drops (mm): 20.80 20.11 21.34 20.25 20.97
 Drop Avg (mm): 20.69
 Clay Temp °F: 93.6

AMMUNITION

Projectile: .357 SIG 125gr. FMJ Lot #4362

Powder: D032-03

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	124.6	6.8	3402	3403	1470	1469	1470	P	0°	22.98	
2	125.6	6.8	3408	3418	1467	1463	1465	P	0°	24.86	
3	125.1	6.8	3409	3419	1467	1462	1465	P	0°	24.06	
4	125.4	6.8	3417	3427	1463	1459	1461	P	30°		
5	124.4	6.8	3373	3374	1482	1482	1482	P	45°		
6	125.9	6.8	3390	3400	1475	1471	1473	P	0°		

REMARKS:

P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit

TEST RESULTS:

Test sample satisfied the ballistic requirements given.

FOOTNOTES:

Sample was not subjected to Armor Submersion per section 7.8.2



OREGON BALLISTIC LABORATORIES

BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
 OBL ID#: 13027
 Test Date: 6/29/2016
 Purchase Order:

TEST SAMPLE

Model No.: SLD-MTC-III A
 Sample No.: IIIA ID: "PREMIUM"
 Lot No.: N/A
 Plies: N/A
 Description: Level IIIA Soft Armor Panel

Size: N/A
 Weight (lb.): 2.98
 Thickness: N/A
 Avg. Thk. (in):

RANGE SET-UP

Range to Target: 16.5 ft.
 Screen Dist. Vel. 1 (ft.): 5
 Screen Dist. Vel. 2 (ft.): 5
 Screen 4 to target (ft): N/A
 Primary Vel. Location: 8.25 ft. from target
 Striking Velocity: No
 Target to Witness: N/A
 Witness Panel: N/A
 Backing Material: 5.5" clay block w/ 3/4" plywood backing
 Obliquity: 0 Degrees
 Barrel: .44 Mag/1:20/10"

Range #: 2
 Temperature: 69.2 °F
 Bar. Pressure: 30.20 in. Hg
 Rel. Humidity: 50.5 %
 Sample Temp. Amb. °F
 Recorder: Joe Simon
 Gunner: Grant Zitek

Pre Test:
 Clay Drops (mm): 16.03 17.54 18.30 17.41 19.39
 Drop Avg (mm): 17.73
 Clay Temp °F: 94.2
 Clay Box #: 1
 Post Test:
 Clay Drops (mm): 16.43 21.03 17.49 20.28 20.03
 Drop Avg (mm): 19.05
 Clay Temp °F: 93.5

AMMUNITION

Projectile: .44 Mag 240gr. SJHP Lot #4453

Powder: D032-03

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	240.6	11.6	3470	3480	1441	1437	1439	P	0°	22.77	
2	240.3	11.6	3474	3484	1439	1435	1437	P	0°	34.33	
3	240.5	11.6	3491	3487	1432	1434	1433	P	0°	35.01	
4	241.3	11.6	3518	3514	1421	1423	1422	P	30°		
5	240.1	11.6	3520	3515	1420	1422	1421	P	45°		
6	240.3	11.6	3492	3488	1432	1433	1433	P	0°		

REMARKS:

P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit

TEST RESULTS:

Test sample satisfied the ballistic requirements given.

FOOTNOTES:

Sample was not subjected to Armor Submersion per section 7.8.2



OREGON BALLISTIC LABORATORIES

BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
 OBL ID#: 13029
 Test Date: 6/29/2016
 Purchase Order:

TEST SAMPLE

Model No.: IIIA #1
 Sample No.: N/A
 Lot No.: N/A
 Plies: N/A
 Description: Level IIIA Soft Armor Panel

Size: N/A
 Weight (lb.): 2.87
 Thickness: N/A
 Avg. Thk. (in):

RANGE SET-UP

Range to Target: 16.5 ft. Range #: 2
 Screen Dist. Vel. 1 (ft.): 5 Temperature: 69.9 °F
 Screen Dist. Vel. 2 (ft.): 5 Bar. Pressure: 30.20 in. Hg
 Screen 4 to target (ft): N/A Rel. Humidity: 51.4 %
 Primary Vel. Location: 8.25 ft. from target Sample Temp. Amb. °F
 Striking Velocity: No Recorder: Joe Simon
 Target to Witness: N/A Gunner: Grant Zitek
 Witness Panel: N/A
 Backing Material: 5.5" clay block w/ 3/4" plywood backing
 Obliquity: 0 Degrees
 Barrel: .357 Sig/1:16/10"

Pre Test:
 Clay Drops (mm): 21.36 20.84 20.86 18.11 19.26
 Drop Avg (mm): 20.09
 Clay Temp °F: 94.1
 Clay Box #: 2
 Post Test:
 Clay Drops (mm): 20.80 20.11 21.34 20.25 20.97
 Drop Avg (mm): 20.69
 Clay Temp °F: 93.6

AMMUNITION

Projectile: .357 SIG 125gr. FMJ Lot #4362

Powder: D032-03

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	125.9	6.8	3464	3465	1443	1443	1443	P	0°	19.65	
2	125.0	6.8	3388	3398	1476	1471	1474	P	0°	20.25	
3	124.2	6.8	3393	3394	1474	1473	1474	P	0°	18.75	
4	124.9	6.8	3393	3403	1474	1469	1472	P	30°		
5	125.1	6.8	3381	3391	1479	1474	1477	P	45°		
6	124.7	6.8	3433	3433	1456	1456	1456	P	0°		

REMARKS:

P=Partial Penetration
 C=Complete Penetration
 UH=Unfair Hit

TEST RESULTS:

Test sample satisfied the ballistic requirements given.

FOOTNOTES:

Sample was not subjected to Armor Submersion per section 7.8.2



OREGON BALLISTIC LABORATORIES

BALLISTIC RESISTANCE TEST - V₀

Customer: Safe Life Defense
OBL ID#: 13028
Test Date: 6/29/2016
Purchase Order:

TEST SAMPLE

Model No.: IIIA #1
Sample No.: N/A
Lot No.: N/A
Plies: N/A
Description: Level IIIA Soft Armor Panel

Size: N/A
Weight (lb.): 2.77
Thickness: N/A
Avg. Thk. (in):

RANGE SET-UP

Range to Target: 16.5 ft. Range #: 2
Screen Dist. Vel. 1 (ft.): 5 Temperature: 69.7 °F
Screen Dist. Vel. 2 (ft.): 5 Bar. Pressure: 30.20 in. Hg
Screen 4 to target (ft): N/A Rel. Humidity: 51.2 %
Primary Vel. Location: 8.25 ft. from target Sample Temp. Amb. °F
Striking Velocity: No Recorder: Joe Simon
Target to Witness: N/A Gunner: Grant Zitek
Witness Panel: N/A
Backing Material: 5.5" clay block w/ 3/4" plywood backing
Obliquity: 0 Degrees
Barrel: .44 Mag/1:20/10"

Pre Test:
Clay Drops (mm): 16.03 17.54 18.30 17.41 19.39
Drop Avg (mm): 17.73
Clay Temp °F: 94.2
Clay Box #: 1
Post Test:
Clay Drops (mm): 16.43 21.03 17.49 20.28 20.03
Drop Avg (mm): 19.05
Clay Temp °F: 93.5

AMMUNITION

Projectile: .44 Mag 240gr. SJHP Lot #4453

Powder: D032-03

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	239.8	11.6	3473	3473	1440	1440	1440	P	0°	30.42	
2	240.0	11.6	3481	3477	1436	1438	1437	P	0°	31.55	
3	240.0	11.6	3486	3483	1434	1436	1435	P	0°	33.54	
4	240.9	11.6	3497	3493	1430	1431	1431	P	30°		
5	240.1	11.6	3503	3499	1427	1429	1428	P	45°		
6	240.0	11.6	3489	3485	1433	1435	1434	P	0°		

REMARKS:

P=Partial Penetration
C=Complete Penetration
UH=Unfair Hit

TEST RESULTS:

Test sample satisfied the ballistic requirements given.

FOOTNOTES:

Sample was not subjected to Armor Submersion per section 7.8.2