



February 16, 2017

Safe Life Defense  
 5725 S Valley View Blvd #4  
 Las Vegas, NV 89118  
 ATTN: Nick Groat

Dear Mr. Groat:

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

The samples were tested in accordance with NIJ-STD-0101.06 Level IIIA Special Threat (abbreviated) (modified) in an indoor range with the muzzle of the test barrel mounted 25 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.:	S/N.:	Weight	Projectile	Shots	Velocity (fps)		Penetrations	BFD		Pass/Fail
		(lbs.)			Min.	Max.		Min.	Max.	
15916	SLD-III A-S36J	2.48	9mm 50gr. Liberty Civil Defense	6	~2000		0	15.71	17.94	Pass
15917	SLD-III A-S36J	3.04	5.7x28mm 40gr. SS197	6	1650	1718	0	5.01	8.38	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



**OREGON BALLISTIC LABORATORIES**

**BALLISTIC RESISTANCE TEST - V<sub>0</sub>**

Customer: SafeLife Defense  
OBL ID#: 15916  
Test Date: 2/16/2017  
Purchase Order:

**TEST SAMPLE**

Model No.: SLD-III-A-S36J  
Serial No.: 77213  
Lot No.: N/A  
Plies: N/A  
Description: Front Soft Armor Panel

Size: M  
Weight (lb.): 2.48  
Thickness:  
Avg. Thk. (in):

**RANGE SET-UP**

Range to Target:	25 ft.	Range #:	2	Pre Test:					
Screen Dist. Vel. 1 (ft.):	5	Temperature:	69.0 °F	Clay Drops (mm):	20.48	20.91	21.58	20.66	20.63
Screen Dist. Vel. 2 (ft.):	5	Bar. Pressure:	30.20 in. Hg	Drop Avg (mm):	20.85				
Screen 4 to target (ft):	N/A	Rel. Humidity:	34.5 %	Clay Temp °F:	95.5				
Primary Vel. Location:	8.25 ft. from target	Sample Temp:	Amb. °F	Clay Box #:	1				
Striking Velocity:	No	Recorder:	Jared Curran	Post Test:					
Target to Witness:	N/A	Gunner:	Darius Nuttbrock	Clay Drops (mm):	17.06	17.07	17.34	17.54	17.19
Witness Panel:	N/A			Drop Avg (mm):	17.24				
Backing Material:	5.5" clay block w/ 3/4" plywood backing			Clay Temp °F:	93.2				
Obliquity:	0 Degrees								
Barrel:	9mm Luger/1:10/4.5"								

**AMMUNITION**

Projectile: 9mm 50gr. Liberty Civil Defense Powder:

**STANDARDS / PROCEDURES**

NIJ-STD-0101.06 Level IIIA Special Threat (abbrev) (mod) Required Velocity: 2000 fps ± 30 fps

SHOT NO.	PROJECTILE WT. (gr.)	POWDER WT. (gr.)	TIME 1 μs (10 <sup>-6</sup> )	TIME 2 μs (10 <sup>-6</sup> )	VELOCITY 1 ft/s	VELOCITY 2 ft/s	AVERAGE VELOCITY	PENET. P/C	OBLIQUITY	CALIPER BFD	NOTES
1	50.0	-						P	0°	17.87	Shelf Rounds @ 2000 FPS
2	50.0	-						P	0°	17.94	Shelf Rounds @ 2000 FPS
3	50.0	-						P	0°	15.71	Shelf Rounds @ 2000 FPS
4	50.0	-						P	30°		Shelf Rounds @ 2000 FPS
5	50.0	-						P	45°		Shelf Rounds @ 2000 FPS
6	50.0	-						P	0°		Shelf Rounds @ 2000 FPS

**REMARKS:**

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

**TEST RESULTS:**

Test sample satisfied the ballistic requirements given.

**FOOTNOTES:**



OREGON BALLISTIC LABORATORIES

BALLISTIC RESISTANCE TEST - V<sub>0</sub>

Customer: SafeLife Defense
OBL ID#: 15917
Test Date: 2/13/2017
Purchase Order:

TEST SAMPLE

Model No.: SLD-III-A-S36J
Serial No.: 77213
Lot No.: N/A
Plies: N/A
Description: Back Soft Armor Panel

Size: M
Weight (lb.): 3.04
Thickness:
Avg. Thk. (in):

RANGE SET-UP

Range to Target: 25 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: 5.7mm/1:9/16"

Range #: 2
Temperature: 69.0 °F
Bar. Pressure: 30.20 in. Hg
Rel. Humidity: 34.5 %
Sample Temp. Amb. °F
Recorder: Jared Curran
Gunner: Darius Nuttbrock

Pre Test:
Clay Drops (mm): 20.48 20.91 21.58 20.66 20.63
Drop Avg (mm): 20.85
Clay Temp °F: 95.5
Clay Box #: 1
Post Test:
Clay Drops (mm): 17.06 17.07 17.34 17.54 17.19
Drop Avg (mm): 17.24
Clay Temp °F: 93.2

AMMUNITION

Projectile: 5.7x28mm 40gr. SS197

Powder: D032-03

STANDARDS / PROCEDURES

NIJ-STD-0101.06 Level IIIA Special Threat (abbrev) (mod)

Required Velocity: 1675 fps ± 30 fps

Table with columns: SHOT NO., PROJECTILE WT. (gr.), POWDER WT. (gr.), TIME 1, TIME 2, VELOCITY 1, VELOCITY 2, AVERAGE VELOCITY, PENET. P/C, OBLIQUITY, CALIPER BFD, NOTES. Contains 6 rows of test data.

REMARKS:

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

TEST RESULTS:

Test sample satisfied the ballistic requirements given.

FOOTNOTES:



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



July 7, 2016

Safe Life Defense  
5725 S Valley View Blvd #4  
Las Vegas, NV 89118

Dear Mr. Groat:

In accordance with your instructions, Oregon Ballistic Laboratories conducted stab testing on one sample.

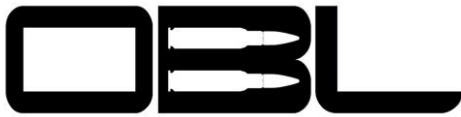
The sample were tested in accordance with NIJ-0115.00 in an indoor lab. Two laser break screens, in conjunction with one time-based frequency counter, were used to measure impact velocity and calculate strike energy. Penetrations were determined by examination of NIJ foam and polyart paper.

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,

A handwritten signature in black ink, appearing to read 'Brandon Bertsch', is written in a cursive style.

Brandon Bertsch  
Oregon Ballistic Laboratories



OREGON BALLISTIC LABORATORIES

STAB RESISTANCE TEST

Customer: Safe Life
OBL ID#: 13030
Test Date: 6/23/2016
Purchase Order:

TEST SAMPLE

Sample No.: N/A
Serial No.: N/A
Lot No.: N/A
Plies: N/A
Description: Stab Test Panel

Size (in.): N/A
Weight (lb.): 2.84
Thickness:
Avg. Thk. (in):

RANGE SET-UP

Velocity measurement: Frequency counter (HP 5316B)
Witness Material: NIJ Foam
Armor Condition: New
Ball Drop Bounces (in.): 15.5 & 15.5

Tester:
Recorder:
Temperature: 69.0
Rel. Humidity: 51.4
Bar. Pressure: 30.10

STANDARDS / PROCEDURES
NIJ-0115.00

Table with 13 columns: IMPACT NO., THREAT, TIP SHARPNESS (HRC), LEVEL, ENERGY LEVEL, Drop Mass (kg.), ANGLE OF INCIDENCE (DEGREES), DROP HEIGHT (M), TIME ms (10-3), IMPACT VELOCITY (M/S), STRIKE ENERGY (J), DEPTH OF PENETRATION (MM), NOTES. Contains 3 rows of test data.

REMARKS:

Spike weight = 1.910kg
Blade weight = 1.920kg

TEST RESULTS:

Test sample satisfied the requirements given.