



July 24, 2018

Safe Life Defense
5725 S. Valley View Blvd Suite #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 one sample.

The sample was tested in accordance with NIJ-STD-0101.06 Level IV ICW (abbreviated) (modified) 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.:	S/N.:	Weight	Projectile	Shots	Velocity (fps)		Penetrations	BFD (mm)		Pass/Fail
		(lbs.)			Min.	Max.		Min.	Max.	
19612	N/A	9.82	.30 cal M2AP	6	2859	2895	0	27.63	31.95	<u>PASS</u>

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#: 19612
Test Date: 7/23/2018
Purchase Order:

TEST SAMPLE

Serial No.: N/A
Model No.: AI203 + UHMWPE
Lot No.: N/A
Plies: N/A
Description: Level IV ICW Level IIIA SLD-MTC

Size: 10 x 12
Weight (lb.): 9.82
Thickness:
Avg. Thk. (in):

RANGE SET-UP

Range to Target: 50 ft. Range #: 2
Screen Dist. Vel. 1 (ft.): 5 Temperature: 69.9 °F
Screen Dist. Vel. 2 (ft.): 5 Bar. Pressure: 30.10 in. Hg
Screen 4 to target (ft): N/A Rel. Humidity: 49.1 %
Primary Vel. Location: 8.25 ft. from target Sample Temp. Amb. °F
Striking Velocity: No Recorder: Darius Nuttbrock
Target to Witness: N/A Gunner: Joe Cowan
Witness Panel: N/A
Backing Material: 5.5" clay block w/ 3/4" plywood backing
Obliquity: 0 Degrees
Barrel: .308/1:9/24"

Pre Test:
Clay Drops (mm): 20.30 20.94 20.07 20.18 19.21
Drop Avg (mm): 20.14
Clay Temp °F: 101.1
Clay Box #: 3
Post Test:
Clay Drops (mm): 21.80 21.32 21.34 18.16 20.95
Drop Avg (mm): 20.71
Clay Temp °F: 100.6

AMMUNITION

Projectile: .30 cal. 160gr. M2 AP

Powder: IMR 3031

STANDARDS / PROCEDURES

NIJ-STD-0101.06 Level IV ICW (abbrev) (mod)

Required Velocity: 2880 fps ± 30 fps

SHOT NO.	PROJECTILE WT. (gr.)	POWDER WT. (gr.)	TIME 1 μ s (10 ⁻⁶)	TIME 2 μ s (10 ⁻⁶)	VELOCITY 1 ft/s	VELOCITY 2 ft/s	AVERAGE VELOCITY	PENET. P/C	OBLIQUITY	CALIPER BFD	NOTES
1	161.1	44.5	1736	1732	2880	2887	2884	P	0°	31.95	Plate Complete / System Partial
2	161.5	44.5	1740	1737	2874	2879	2877	P	0°	27.63	Plate Complete / System Partial
3	162.2	44.5	1750	1748	2857	2860	2859	P	0°		Plate Partial / System Partial
4	162.0	44.6	1730	1725	2890	2899	2895	P	0°		Plate Partial / System Partial
5	161.4	44.6	1731	1727	2889	2895	2892	P	0°		Plate Partial / System Partial
6	161.6	44.6	1746	1742	2864	2870	2867	P	0°		Plate Partial / System Partial

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 Drop Test per section 6.2.3.4
Sample was not subjected to Armor Submersion per section 7.8.2