



April 12, 2019

RMA Armament, Inc.
1479 Gillespie St. Suite 303
Rock Island, IL 61201
ATTN: Blake Waldrop

Dear Mr. Waldrop:

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 (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 positioned such that projectile 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 (lbs.)	Projectile	Shots	Velocity (fps)		Penetrations	BFD (mm)		Pass/Fail
					Min.	Max.		Min.	Max.	
21434	00001	0.87	.357 SIG FMJ	6	1475	1492	0	21.23	24.12	<u>PASS</u>
21435	00002	0.88	.44 Mag SJHP	6	1422	1460	0	28.54	39.09	<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



BALLISTIC RESISTANCE TEST - V₀

Customer: RMA Armament
 OBL ID#: 21434
 Date Rcv'd: 4/11/2019
 Test Date: 4/12/2019
 Purchase Order:

TEST SAMPLE
 Serial No.: 00001 Size (in.): 10 x 12
 Model No.: 0226 Weight (lb.): .87
 Lot No.: TEST SAMPLE Thickness:
 Plies: N/A Avg. Thk. (in):
 Description: Level IIIA HA Plate

RANGE SET-UP
 Range to Target: 15 ft. Range #: 3 Pre Test:
 Screen Dist. Vel. 1 (ft.): 5 Temperature: 69.4 °F Clay Drops (mm): 18.98 20.02 21.41 19.33 20.01
 Screen Dist. Vel. 2 (ft.): 5 Bar. Pressure: 30.08 in. Hg Drop Avg (mm): 19.95
 Screen 4 to target (ft): N/A Rel. Humidity: 50.3 % Clay Temp °F: 93.9
 Primary Vel. Location: 8.25 ft. from target Sample Temp. Amb °F Clay Box #: 1
 Striking Velocity: No Recorder: Daniel Chase Post Test:
 Target to Witness: N/A Gunner: Jesse Crisanti Clay Drops (mm): 19.52 17.36 17.03 17.59 17.19
 Witness Panel: N/A Backing Material: 5.5" clay block w/ 3/4" plywood backing Drop Avg (mm): 17.74
 Backing Material: 5.5" clay block w/ 3/4" plywood backing Clay Temp °F: 93.0
 Obliquity: 0 Degrees
 Barrel: .357 Sig/1:16/10"

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	125.1	6.7	3382	3379	1478	1480	1479	P	0°	21.23	
2	124.0	6.7	3386	3375	1477	1481	1479	P	0°	24.12	
3	124.1	6.7	3357	3346	1489	1494	1492	P	0°	23.17	
4	125.2	6.7	3396	3384	1472	1478	1475	P	0°		
5	124.9	6.7	3375	3364	1481	1486	1484	P	0°		
6	124.2	6.7	3364	3352	1486	1492	1489	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 Drop Test per section 6.2.3.4
 Sample was not subjected to Armor Submersion per section 7.8.2

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: RMA Armament
 OBL ID#: 21435
 Date Rcv'd: 4/11/2019
 Test Date: 4/12/2019
 Purchase Order:

TEST SAMPLE

Serial No.: 00002
 Model No.: 0226
 Lot No.: TEST SAMPLE
 Plies: N/A
 Description: Level IIIA HA Plate

Size (in.): 10 x 12
 Weight (lb.): 0.88
 Thickness:
 Avg. Thk. (in):

RANGE SET-UP

Range to Target: 15 ft. Range #: 3
 Screen Dist. Vel. 1 (ft.): 5 Temperature: 68.6 °F
 Screen Dist. Vel. 2 (ft.): 5 Bar. Pressure: 30.08 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: Daniel Chase
 Target to Witness: N/A Gunner: Jesse Crisanti
 Witness Panel: N/A
 Backing Material: 5.5" clay block w/ 3/4" plywood backing
 Obliquity: 0 Degrees
 Barrel: .44 Mag/1:20/15"

Pre Test:
 Clay Drops (mm): 20.11 19.50 21.51 19.98 19.78
 Drop Avg (mm): 20.18
 Clay Temp °F: 93.4
 Clay Box #: 2
 Post Test:
 Clay Drops (mm): 16.70 19.55 17.83 17.30 18.41
 Drop Avg (mm): 17.96
 Clay Temp °F: 91.6

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	240.2	11.8	3426	3424	1459	1460	1460	P	0°	34.32	
2	239.6	11.8	3518	3516	1421	1422	1422	P	0°	28.54	
3	240.0	11.8	3475	3472	1439	1440	1440	P	0°	39.09	
4	240.2	11.8	3494	3491	1431	1432	1432	P	0°		
5	240.6	11.8	3511	3507	1424	1426	1425	P	0°		
6	239.9	11.8	3477	3475	1438	1439	1439	P	0°		

REMARKS:

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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