



October 12, 2016

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 one sample.

The sample was tested in accordance with NIJ-STD-0101.06 Level III+ (Special Threat) (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 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.:	Model No.:	Weight (lbs.)	Projectile	Shots	Velocity (fps)		Penetrations	BFD (mm)		Pass/Fail
					Min.	Max.		Min.	Max.	
14391	1003 SRT	2.52	M193 Ball	2	2782	2914	0	9.42	26.05	Pass
			M67 Lead Core	1	2391		0	19.05		Pass

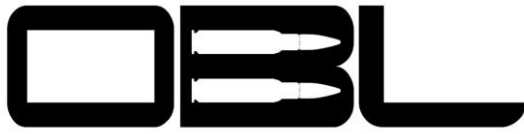
Samples will be maintained at Oregon Ballistic Laboratories for 30 days and then discarded, unless other instructions are received. If you have any further questions or concerns, please contact us.

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: RMA Armament
 OBL ID#: 14391
 Test Date: 10/11/2016
 Purchase Order:

TEST SAMPLE	
Model No.: 1003 SRT	Size: 10 x 12
Sample No.: N/A	Weight (lb.): 2.52
Lot No.: N/A	Thickness:
Plies: N/A	Avg. Thk. (in):
Description: Hard Armor Plate	

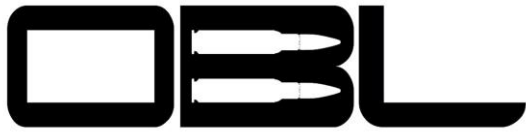
RANGE SET-UP						
Range to Target: 50 ft.	Range #: 2	Pre Test:				
Screen Dist. Vel. 1 (ft.): 5	Temperature: 66.4 °F	Clay Drops (mm):	18.10	17.81	19.60	18.93 18.82
Screen Dist. Vel. 2 (ft.): 5	Bar. Pressure: 30.20 in. Hg	Drop Avg (mm):	18.65			
Screen 4 to target (ft): N/A	Rel. Humidity: 54.1 %	Clay Temp °F:	93.5			
Primary Vel. Location: 8.25 ft. from target	Sample Temp. Amb. °F	Clay Box #:	2			
Striking Velocity: No	Recorder: Grant Zitek	Post Test:				
Target to Witness: N/A	Gunner: Kaleb Newcomer	Clay Drops (mm):	16.07	16.38	18.19	19.27 17.28
Witness Panel: N/A		Drop Avg (mm):	17.44			
Backing Material: 5.5" clay block w/ 3/4" plywood backing		Clay Temp °F:	92.6			
Obliquity: 0 Degrees						
Barrel: 5.56mm NATO/1:7/30"						

AMMUNITION	
Projectile: 5.56mm M193 Ball	Powder: IMR 4227

STANDARDS / PROCEDURES	
NIJ-STD-0106.01 Level III+ (Special Threat)	Required Velocity: 2850 fps ± 50 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	55.0	16.8	1795	1800	2786	2778	2782	P	0°	9.42	Insufficient velocity
2	55.1	17.0	1713	1719	2919	2909	2914	P	0°	26.05	

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



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Lot No.: N/A	Thickness:
Plies: N/A	Avg. Thk. (in):
Description: Hard Armor Plate	

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Range to Target: 50 ft.	Range #: 2	Pre Test:				
Screen Dist. Vel. 1 (ft.): 5	Temperature: 66.4 °F	Clay Drops (mm):	18.10	17.81	19.60	18.93 18.82
Screen Dist. Vel. 2 (ft.): 5	Bar. Pressure: 30.20 in. Hg	Drop Avg (mm):	18.65			
Screen 4 to target (ft): N/A	Rel. Humidity: 54.1 %	Clay Temp °F:	93.5			
Primary Vel. Location: 8.25 ft. from target	Sample Temp. Amb. °F	Clay Box #:	2			
Striking Velocity: No	Recorder: Grant Zitek	Post Test:				
Target to Witness: N/A	Gunner: Kaleb Newcomer	Clay Drops (mm):	16.07	16.38	18.19	19.27 17.28
Witness Panel: N/A		Drop Avg (mm):	17.44			
Backing Material: 5.5" clay block w/ 3/4" plywood backing		Clay Temp °F:	92.6			
Obliquity: 0 Degrees						
Barrel: 7.62x39mm/1:9.45/24"						

AMMUNITION	
Projectile: 7.62x39mm M67 Lead Core	Powder: IMR 4227

STANDARDS / PROCEDURES	
NIJ-STD-0106.01 Level III+ (Special Threat)	Required Velocity: 2380 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	23.5	2088	2095	2395	2387	2391	P	0°	19.05	

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