



## Ballistic Resistance – Test Report

### LAM – Enterprise Company

Attention: Mr. T. Matsushima

**Client:** 2-3-3 Horidome-cho # 904  
Nihonbashi Chuo-Ku  
Tokyo, Japan 103-0012

**Date of report:** 3 December 2015

**Report prepared by:** Ashley Gowland, Customer Operations Coordinator

**Report reviewed by:** Wesley Mason, Manager of Technical Operations - Hard Armor

**Test method and supporting documentation:** Per Customer Instructions  
NIJ-STD-0101.06, Level IIIA (Modified)

**Job number:** 00005116

**Date of sample receipt, shipping method, identification information, and inspection results:**

The sample(s) were received on **19 November 2015** via Federal Express. Sample item(s) were identified as armor panels. The test sample(s) were inspected prior to testing and no anomalies were discovered.

**Date of testing and location:**

Testing commenced on **20 November 2015**, at the H.P. White Laboratory, Inc. facilities located at 3114 Scarboro Road, Street, Maryland.

**Date of test completion and sample disposition:**

Testing concluded on **20 November 2015**; sample(s) will be returned after testing, per customer instructions.

**Test data transmittal method and storage location:**

This test report and test data were transmitted via email in a manner compliant with ISO 17025 requirements. Permanent electronic and hardcopy files are maintained in accordance with HPWLI data storage policy on data storage systems, filed by job number.

**Revision number and date:**

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**Disclaimer:**

Testing was performed on sample(s) provided by the client. H.P. White Laboratory, Inc. holds no responsibility for sample selection methods. This report is based on data obtained from testing only the sample(s) submitted, and should NOT be interpreted as an endorsement by H.P. White Laboratory, Inc. of the continuing quality or performance of any other items of the same, or similar, design. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This testing was performed by H.P. White Laboratory, Inc. to client specification, and the test results are the property of the client, who holds all rights of reproduction or publication of this report and related test data.

**International control statement:**

Information contained herein may be subject to the Export Administration Regulations, the Arms Export Control Act and/or the International Traffic in Arms Regulations. These commodities may not be resold, diverted, transferred, made available to, or otherwise disposed of, to any other country or to any person other than the authorized end-user or consignee(s), either in their original form or after being incorporated into other end-items, without first obtaining approval from the U.S. Government.

**Test Procedures**

**Ballistic Resistance Testing:** All testing was conducted on an indoor range at ambient conditions in accordance with your instructions and the modified provisions of NIJ-STD-0101.06. Testing was conducted at threat level IIIA, using caliber .357 Sig, 125 grain, FN and 44 Magnum, 240 grain, SJHP ammunitions. The test sample was positioned 17.3 feet from the muzzle of the barrel to produce various degree obliquity impacts. Photoelectric infrared screens were located at 6.5 feet and 11.5 feet which, in conjunction with electronic chronographs, were used to compute bullet velocities at 9.0 feet forward of the muzzle. Table I provides a summary of information on the attached data record(s).

Report prepared by:

*Ashley Gowland*

Ashley Gowland  
 Customer Operations Coordinator

Report reviewed by:

*Wesley Mason*

Wesley Mason  
 Manager of Technical Operations - Hard Armor

**Table I: Ballistic Resistance, Summary of Results**

Test Sample			Ballistic Threat			Results			
Sample Number	Thickness (in.)	Weight (lbs.)	Caliber	Obliquity	Shots	Velocity (fps)		Deformation (mm.)	
						Max	Min	Max	Min
ITEM #1 BACK	NA	2.75	357 SIG	0°	4	1482	1449	33	28
				30°	1	1467		NA	
				45°	1	1479		NA	
ITEM #1 FRONT	NA	2.63	44 MAG.	0°	4	1458	1418	43	42
				30°	1	1410		NA	
				45°	1	1460		NA	

(a) See individual data record for specific footnotes/remarks