National Institute of Justice (NIJ)			National Technical Systems 7447 W. 33rd St. N.								
Approved Test Laboratory			Wichita, KS 67205 U.S.A.					N \V/ L/A\ U			
For Personal Body	/ Armor	Ph	none	(316) 83	2-1600	Fax (316) 832-7	1602				
Expiration Date:				Email ustl@nts.com						E: 200818-0	
April 30, 2020	v	www.nts	com/loc	ations/wichita	-		Jake Crawford				
piii 30, 2020						D-ALONE PLATE:		7,661070	a olghatory.	bake oramiora	
Date Received: Received Via: Returned Via:	10/01/19 USPS UPS		<u>P-BFS TEST</u>					Record No.: EXT19001-1 Test Date: 10/08/19 Customer: Extant Armor Co.			
Test Conditions Femperature: Humidity: Clay Block No.: Clay Block Size: Clay Temp.: Drop Average:	69.7 44 13 24" x 24" x 5.5" 99.3 19.98	⁰F % ⁰F mm						Range 3 Muzzle to Sc Screen 1 - 4 Screen 4 - T Midpoint to T Test Barrel / Barrel Lengt	arget: arget: / Powder	39.30 ft. 5.00 ft. 5.70 ft. 8.20 ft. 26 in.	
est Reference: est Standard: hreat Level: condition:	OP0527710-1, Liu Modified / Abbrev IV New / Dry		6, July 2	2008				Test Barrel I Powder:		WC040885 IMR 4064	
	le Tested Descrip	tion		6	hot / Am	munition Descript	ion	Chron	ograph	Test Results	
Samp /lanufacturer:	Extant Armor Co.		Shot	Shot	Degree	Caliber	Bullet	TIME	Ograpn VELOCITY	Perforation	
Aodel No.:	ALV Line 1		No.	Location	Obliquity		Weight (gr.) / Type	sx-5	ft/s	BFS (mm)	
Federal Govern accordance wit properly reflect	ment. This repo th the specificati	ed to claim pro ort contains da ion requiremen rformance of th	ita tha its list	t are not ted in ad	covere	.30 Cal. (.30-06) roval, or endorse d by the NVLAP a o any customer te test report shall	accreditation. esting modifica	This test wa ations or req	s performe uests. The	d in test results	
of these export est Remarks/No	laws are subjec <u>stes:</u> e tested non-planar	to severe crin (with clay build-u IAW customer rea	minal jup/moun	penalties	s. Disse	979 as amended, eminate in accord					
BFS: PASS / FAIL:	Shot No. 1 Only BFS <u><</u> 44.0mm; N										
Test Round Desc 30 Cal. (.30-06) 1 Test Velocity:	eription: 66 gr. (10.8g) AP (2880 +/- 30 ft/s	U.S Military M2AF	P)	Shot Spa •Shot Pat •Shot-to-I •Shot-to-S	tern: Edge:	est Requirements: 1-Shot on Crown of 2.0" Minimum 2.0" Minimum	f Plate				
Sample Descripti Customer Proprie				Shot Loo Shot No.		described from the Crown of Plate			ges; 3.50" fro	om top edge	
Project Manager: Range Tech(s):	Zerger Wilson	Diefenderfer									

Expiration Date: April 30, 2020 Date Received: Received Via:	oratory			<u>tional</u> 744	Techn	ical Systems				$\cap \cap^{\mathbb{R}}$	
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Expiration Date: April 30, 2020 Date Received: Received Via:						Fax (316) 832-1	602				
pril 30, 2020 Date Received: Received Via:			(,		2nts.com	001			<u> </u>	
Date Received: Received Via:										E: 200818-0	
Received Via:						cations/wichita		Approve	d Signatory:	Jake Crawford	
Received Via:	40/04/40		HAH			D-ALONE PLATE:		Deserved Nation			
	10/01/19				P-BFS	IESI		Record No.:		2	
veturneu via.	USPS UPS							Test Date: 10/08/19 Customer: Extant Armor Co.			
	0F3							Cusiomer.		<i>i</i> C0.	
est Conditions								Range 3			
emperature:		°F						Muzzle to Sc		39.30 ft.	
lumidity:		%						Screen 1 - 4:		5.00 ft.	
lay Block No.:	13							Screen 4 - Ta		5.70 ft.	
lay Block Size:	24" x 24" x 5.5"	0						Midpoint to T	arget:	8.20 ft.	
Clay Temp.:		°F						Teet Barrol	Dowdor		
rop Average:	19.98	mm						Test Barrel / Barrel Length		26 in.	
est Reference:	OP0527710-1, Line	- 2						Test Barrel II		WC040885	
est Standard:	Modified / Abbrevia		. July 2	008				Powder:	νπ.	IMR 4064	
hreat Level:	IV IV		, oury Z							1011 -004	
condition:	New / Wet										
								-		-	
Sample Tested Description			CL -			munition Descripti		Chronograph		Test Results	
lanufacturer: lodel No.:	Extant Armor Co. ALV Line 2		Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet	TIME	VELOCITY ft/s	Perforation BFS (mm)	
ample No.:	ALV Line 2 2 of 2	+	NO. 1	Crown	Obliquity	.30 Cal. (.30-06)	Weight (gr.) / Type 166 / M2AP	sx-5 171.8	ft/s 2910	27.87	
Sample No.: Curve:	2 01 2 Single Curve		I	CIUWII	0	.50 Cal. (.50-00)	100 / IVIZAF	171.0	2910	21.01	
Sut:	Shooter's Cut										
ype:	Stand-Alone Plate										
ize:	10" x 12"										
hickness (in.):	1.059										
Veight (lbs.):	6.880										
0 ()											
This test report	may not be user	to claim prov	luct co	ortificati	on ann	roval, or endorse	mont by NV/ A	P NIST NI I	or any and	ncy of the	
						d by the NVLAP a					
						any customer te					
						test report shall					
	ional Technical S										
VARNING – Thi	s document may	contain tech	nical d	ata who	se expo	ort is restricted by	/ the Arms Exp	oort Control	Act		
						979 as amended,					
		to severe crir	ninal p	enalties	s. Disse	eminate in accord	ance with prov	visions of Do	D Directive	e 5230.25.	
est Remarks/Not											
Stand-Alone Plate	tested non-planar (with clay build-u	p/moun	id)							
est Requirement		7.8.2 Armor Sub	mersio	n							
				••							
ubmersion:	YES, IAW Section		··/								
Submersion: Drop Test:	YES, IAW Section YES, IAW Sections										
ubmersion: Prop Test: FS:	YES, IAW Section YES, IAW Sections Shot No. 1 Only	Perforations									
ubmersion: prop Test: FS:	YES, IAW Section YES, IAW Sections	Perforations									
Submersion: Submersion: Orop Test: BFS: PASS / FAIL:	YES, IAW Section YES, IAW Sections Shot No. 1 Only	Perforations									
Bubmersion: Drop Test: BFS: PASS / FAIL: Test Round Descr	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS <u><</u> 44.0mm; No					est Requirements:					
Bubmersion: Drop Test: BFS: PASS / FAIL: Test Round Descr 30 Cal. (.30-06) 16	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS <u>≤</u> 44.0mm; No ription: 66 gr. (10.8g) AP (U		?)	Shot Pat	tern:	1-Shot on Crown of	Plate				
Submersion: Drop Test: DFS: PASS / FAIL: Cest Round Descr 30 Cal. (.30-06) 16	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS <u><</u> 44.0mm; No		?) •	Shot Pat Shot-to-I	tern: Edge:	1-Shot on Crown of 2.0" Minimum	Plate				
Submersion: Drop Test: DFS: PASS / FAIL: Cest Round Descr 30 Cal. (.30-06) 16	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS <u>≤</u> 44.0mm; No ription: 66 gr. (10.8g) AP (U		?) •	Shot Pat	tern: Edge:	1-Shot on Crown of	Plate				
Submersion: Drop Test: SFS: ASS / FAIL: Sest Round Descr 30 Cal. (.30-06) 16 est Velocity:	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS ≤ 44.0mm; No ription: 56 gr. (10.8g) AP (U 2880 +/- 30 ft/s		?)	Shot Pat Shot-to-E Shot-to-S	tern: Edge: Shot:	1-Shot on Crown of 2.0" Minimum 2.0" Minimum					
Submersion: Drop Test: SFS: ASS / FAIL: Cest Round Descri 30 Cal. (.30-06) 16 est Velocity: Cample Descriptic	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS ≤ 44.0mm; No ription: 66 gr. (10.8g) AP (U 2880 +/- 30 ft/s		?) •	•Shot Pat •Shot-to-E •Shot-to-S	tern: Edge: Shot: ations (e	1-Shot on Crown of 2.0" Minimum 2.0" Minimum	shooter's persp				
ubmersion: rop Test: FS: ASS / FAIL: est Round Descr 00 Cal. (.30-06) 16 est Velocity:	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS ≤ 44.0mm; No ription: 66 gr. (10.8g) AP (U 2880 +/- 30 ft/s		?) •	Shot Pat Shot-to-E Shot-to-S	tern: Edge: Shot: ations (e	1-Shot on Crown of 2.0" Minimum 2.0" Minimum	shooter's persp		ges; 3.50" fro	om top edge	
ubmersion: rop Test: FS: ASS / FAIL: est Round Descr 0 Cal. (.30-06) 16 est Velocity: ample Descriptic	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS ≤ 44.0mm; No ription: 66 gr. (10.8g) AP (U 2880 +/- 30 ft/s		?) •	•Shot Pat •Shot-to-E •Shot-to-S	tern: Edge: Shot: ations (e	1-Shot on Crown of 2.0" Minimum 2.0" Minimum	shooter's persp		ges; 3.50" fro	om top edge	
ubmersion: rop Test: FS: ASS / FAIL: est Round Descr 0 Cal. (.30-06) 16 est Velocity: ample Descriptic Customer Propriet	YES, IAW Section YES, IAW Sections Shot No. 1 Only BFS ≤ 44.0mm; No ription: 66 gr. (10.8g) AP (U 2880 +/- 30 ft/s		?) •	•Shot Pat •Shot-to-E •Shot-to-S	tern: Edge: Shot: ations (e	1-Shot on Crown of 2.0" Minimum 2.0" Minimum	shooter's persp		ges; 3.50" fro	om top edge	