

BALLISTIC RESISTANCE TEST											
<b>NTS-Chesapeake Testing</b> 4603B Compass Point Road Belcamp, MD 21017						Job No.: 3641-003-1 Test Date: 10/20/2017					
<b>Test Panel</b>			Description: Torso Plate tested as stand alone. LSAP 4.								
						Sample No.: No.2 LSAP4					
Size: 10.00 x 12.00 in Avg. Thick: NA Thickness: NA				Weight: 5.88 lbs Plies/Laminates: NA				Date Received: 9/28/2017 Via: UPS Returned: UPS			
Setup											
Shot Spacing: NIJ-STD-0101.06 Level IV Witness Panel: Clay Backing Material: 5.5-in clay/plywood Condition: Ambient				Primary Vel. Screens (ft): 37.000, 37.333, 46.667, 47.000 Primary Vel. Location (ft): 42.000 Range to Target (ft): 50.200 Target to Witness (in): 0.000				Range No.: 6 Temp: 66.2 °F BP: 30.1 inHg RH: 54.6% Barrel/Gun: NA Gunner: Jesse Fulk Recorder: J. McDowell			
Ammunition											
Projectile				Lot No.				Powder			
(1) .30-06-cal., 166-grain APM2				Military 13636				N133			
Applicable Standards or Procedures											
Clay Drop 1 - Drop Time: 11:30 AM; Block No. 15; Temp: 98.0 °F; Drop Depths: 17.8mm, 17.0mm, 19.1mm, 17.2mm, 16.3mm											
(1) NIJ-STD-0101.06 Level IV (Modified)											
(2) Customer request											
Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	161.2	3512	2847	3282	2844	2846	None	37.5	0.0	(a)
2	1	162.7	3470	2882	3243	2878	2880	None	33.5	0.0	
<u>Remarks:</u> Required velocity: 2850 to 2910 ft/s											
<u>Footnotes:</u> (a) The projectile had insufficient velocity.											