

BALLISTIC RESISTANCE TEST											
NTS-Chesapeake Testing <i>4603B Compass Point Road Belcamp, MD 21017</i>						Client: ShotStop Ballistics, LLC Job No.: 2631-051-4 Test Date: 12/6/2019					
Test Panel		Description: Torso plate tested stand alone. Plate Size: SH3+10x12MC; Model #: D1652SSB. Lot #: 1-12+19									
Manufacturer: ShotStop Ballistics, LLC						Sample No.: 01-04-19-848					
Size: 10.00 x 12.00 in Avg. Thick: NA Thickness: NA				Weight: 2.71 lbs Plies/Laminates: NA				Date Received: 12/2/2019 Via: UPS Returned: UPS			
Setup											
Shot Spacing: NIJ-STD-0101.07 Level RF1 Witness Panel: (Modified) Backing Material: Clay Condition: 5.5-in clay/plywood Ambient				Primary Vel. Screens (ft): 5.000, 5.333, 19.667, 20.000 Primary Vel. Location (ft): 12.500 Range to Target (ft): 25.000 Target to Witness (in): 0.000				Range No.: 2 Temp: 66.5 °F BP: 29.9 inHg RH: 36.8% Barrel/Gun: Test Barrel Gunner: Austin Blake Recorder: Jesse Fulk			
Ammunition											
Projectile				Lot No.				Powder			
(1) 5.56 x 45-mm, 55-grain M193 Ball				Military				N 110			
Applicable Standards or Procedures											
Clay Drop 1 - Drop Time: 9:43 AM; Block No. 3; Temp: 88.1 °F; Drop Depths: 25.1mm,24.7mm,25.6mm (1) NIJ-STD-0101.07 Level RF1 (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	55.0	4603	3259	4393	3263	3261	None	26.4	0.0	
2	1	55.0	4586	3271	4381	3272	3271	None	34.7	0.0	
3	1	55.0	4559	3290	4354	3292	3291	None	NA	0.0	
4	1	55.0	4593	3266	4383	3270	3268	None	NA	0.0	
5	1	55.0	4623	3245	4415	3247	3246	None	NA	0.0	
6	1	55.0	4630	3240	4420	3243	3241	None	NA	0.0	
<u>Remarks:</u> Required velocity: 3250 ± 30 ft/s,											
<u>Footnotes:</u>											