

National Technical Systems

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Email ustl@nts.comwww.nts.com/locations/wichita**HARD ARMOR STAND-ALONE PLATE:****P-BFS TEST**

Date Received: August 10, 2023

Via: FedEx

Returned Via: FedEx

Record No.: EWC23004-1

Test Date: August 11, 2023

Customer: East West Consolidated

Test Conditions

Temperature: 72.9 °F

Humidity: 53 %

Clay Block No.: 7

Clay Block Size: 24" x 24" x 5.5" °F

Clay Temp.: 100.4

Drop Average: 19.48

Range 3

Muzzle to Screen 1: 39.30 ft.

Screen 1 - 4: 5.00 ft.

Screen 4 - Target: 5.70 ft.

Midpoint to Target: 8.20 ft.

Barrel Length: 26 in.

Test Standard: Modified / Abbreviated NIJ Standard 0101.07 Draft February 14, 2020

Threat Level: NIJ RF2

Conditioning: Dry

Sample Tested Description		Shot / Projectile Description					Chronograph		Test Results
Manufacturer:	East West Consolidated	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sx-5	VELOCITY ft/s	Perforation BFD (mm)
Model No.:	N/A	1	Top Left	0°	5.56x45mm	61.8 / M855	161.5	3096	39.61
Serial No.:	#L104	2	Bottom Right	0°			161.1	3104	32.68
Size(in.):	10x12	3	Middle Left	0°			161.6	3094	24.07
Weight (lbs.):	3.188								

This test was performed in accordance with the specification requirements listed in addition to any customer testing modifications or requests. The test results properly reflect the ballistic performance of the listed sample. This test report shall not be reproduced except in full without written approval of National Technical Systems.

Test Remarks/Notes:

•Plate tested non-planar (with clay build-up/mound)

Ammunition Description:

5.56x45mm, 62 gr. FMJ (M855)

Velocity: 3115 +/- 30 ft/s

Project Manager: Montgomery

Range Tech(s): Wilson Randolph