



BALLISTIC TEST REPORT

TEST NO. 017-021

Test Date: 24 February 2007

Test Site: SWRI
 Address: 6220 Culebra Rd., San Antonio, TX
 Phone: 210-522-3996

Report Date: 24 February 2007
 Contact: Carl Weiss, Research Engineer
 Email: cweiss@swri.org

GENERAL INFORMATION

Type of Material: Transparent Armor
 Manufacturer: XO Armor
 Description: Glass / Plastic
 Sample Size: 18" x 18"
 Thickness: ~ 3/8"
 Spall Liner: N/A
 Weight: 13.5 lb
 Areal Density: 6.00 psf

APPLICABLE STANDARDS OR PROCEDURES

Weapon/Test Barrel: 9mm Universal Barrel
 Required Velocity: 1,090 +/- 40 fps
 Number of Shots: 5
 Caliber: 9mm
 Projectile Type: 124 grain FMJ
 Projectile Wt: 124 grains
 Protection Level: NIJ 0108.01 Level II-A

SET-UP

Shot Spacing: 5-inch square
 Obliquity: 0°
 Range to Target: 20 ft.
 Witness Panel: 0.02" Aluminum
 Target to Witness: 6 in.

ATMOSPHERIC CONDITIONS

Temperature: Ambient (~75 F)
 BP: Indoor
 Altitude: N/A
 RH: Indoor
 Wind: Indoor

AMMUNITION

1: .9mm 124 grain FMJ Lot No: N/A

TEST RESULTS

Shot No.	Ammo	Velocity (fps)	Pass/Fail	Footnotes
17	1	1,076	Pass	No damage to witness plate
18	1	1,092	Pass	No damage to witness plate
19	1	1,080	Pass	No damage to witness plate
20	1	1,077	Pass	No damage to witness plate
21	1	1,077	Pass	No damage to witness plate



Test 017-021 Strike Face



Test 017-021 Safe Side