



BALLISTIC TEST REPORT

TEST NO. 012-016

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
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GENERAL INFORMATION

Type of Material: Transparent Armor
 Manufacturer: XO Armor
 Description: Glass / Plastic
 Sample Size: 18" x 18"
 Thickness: ~ 1/2"
 Spall Liner: N/A
 Weight: 17 lb
 Areal Density: 7.56 psf

APPLICABLE STANDARDS OR PROCEDURES

Weapon/Test Barrel: 9mm Universal Barrel
 Required Velocity: 1,175 +/- 40 fps
 Number of Shots: 5
 Caliber: 9mm
 Projectile Type: 124 grain FMJ
 Projectile Wt: 124 grains
 Protection Level: NIJ 0108.01 Level II

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
12	1	1,189	Pass	No damage to witness plate
13	1	1,182	Pass	No damage to witness plate
14	1	1,177	Pass	No damage to witness plate
15	1	1,203	Pass	No damage to witness plate
16	1	1,196	Pass	No damage to witness plate



Test 012-016 Strike Face



Test 012-016 Safe Side