



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : SAVAR KOMPOZIT BALISTIK

Job No. : 10380-01

Test Date : 1/23/07

TEST PANEL

Manufacturer : UNKNOWN

Size : MEDIUM

Thicknesses : 0.348, 0.338, 0.339, 0.320 in.

Avg. Thick. : 0.336 in.

Description : RIGID WOVEN ARAMID FIBER IN MATRIX
(HELMET)

Sample No. : HPW-1

Weight : 2.96 lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 12-04-06

Via : Federal Express

Returned : N/A

SET-UP

Shot Spacing : FRONT, BACK SIDES AND CROWN

Witness Panel : 0.020", 2024-T3 ALUMINUM

Obliquity : 0 deg.

Backing Material : NA

Conditioning : DRY

Primary Vel. Screens : 6.5 ft., 9.5 ft.

Primary Vel. Location : 8.0 ft. From Muzzle

Residual Vel. Screens : NA

Residual Vel. Location : NA

Range to Target : 16.5 ft.

Target to Wit. : 5.0 in.

Range No. : 5

Temp. : 55 F

BP : 29.62 in. Hg

RH : 36%

Barrel No./Gun : TEST BARREL

Gunner : ADAMS

Recorder : CONTRERAS

AMMUNITION

(1) : 9mm FMJ, 124 gr.

(2) :

(3) :

(4) :

Lot No. : REMINGTON 23558

Lot No. :

Lot No. :

Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : NIJ-STD-0106.01 LEVEL IIIA (MODIFIED)

(2) : REQUIRED VELOCITY 1350 - 1450 fps.

(3) :

Shot No.	Ammo.	Time 1 (usec)	Velocity 1 (ft/s)	Time 2 (usec)	Velocity 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Footnotes
1	1	2157	1391	2158	1390	1390	None	(a)
2	1	2101	1428	2101	1428	1428	None	(b)
3	1	2090	1435	2091	1435	1435	None	(c)
4	1	2124	1412	2124	1412	1412	None	(d)

REMARKS :

FOOTNOTES :

- (a) IMPACTED FRONT OF HELMET
- (b) IMPACTED BACK OF HELMET
- (c) IMPACTED RIGHT SIDE OF HELMET
- (d) IMPACTED LEFT SIDE OF HELMET