



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 : SMALL

Thicknesses : 0.319, 0.325, 0.324, 0.320 in.

Avg. Thick. : 0.322 in.

Description : RIGID WOVEN ARAMID FIBER IN MATRIX
(HELMET)

Sample No. : HPW-2

Weight : 2.53 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 : CONTRERAS

Recorder : ADAMS

AMMUNITION

(1) : .44 MAG SWCGC, 240 gr.

(2) :

(3) :

(4) :

Lot No. : PMC-B44-243

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	2219	1352	2220	1351	1352	None	(a)
2	1	2049	1464	2050	1463	1464	None	(b)
3	1	2205	1361	2206	1360	1360	None	(c)
4	1	2152	1394	2154	1393	1393	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