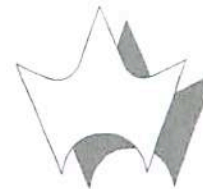


H.P. WHITE LABORATORY, INC.

3114 Scarboro Road
Street, Maryland 21154-1822
Telephone: (410) 838-6550
Facsimile: (410) 838-2802
Email: info@hpwhite.com
www.hpwhite.com



23 March 2009
(HPWLI 11145-02A)

Radiation Shield Technologies, Inc.
P.O. Box 14-4254
Coral Gables, FL 33114

Attention: Mr. Daniel Edward

In accordance with your instructions, H.P. White Laboratory, Incorporated conducted Ballistic Penetration/Back Face Signature (P/BFS) Testing of two proprietary panels received on 18 March 2009 via United Parcel Service.

Testing was conducted in accordance with your instructions and the modified provisions of **NIJ-STD-0101.04, Level IIIA and III** using calibers .44 magnum, 240 grain SJHP ammunition; caliber 7.62x51mm, 149 grain, M80 Ball ammunition. Refer to the enclosed data records for range set-up, conditions, and comprehensive shot information. Table I provides a summary of the enclosed data records.

| Table I. Ballistic Penetration/Back Face Signature (P/BFS) Summary of Results | | | | | | | | | | |
|---|----------------|--------------|------------------|---------------------|-------|----------------|------|--------------|------------------|-----|
| Test Sample | | | Ballistic Threat | | | Results | | | | |
| Condition | Sample Number | Weight (lbs) | Test Projectile | Obliquity (degrees) | Shots | Velocity (fps) | | Penetrations | Deformation (mm) | |
| | | | | | | Max | Min | | Max | Min |
| Ambient | HPW-1 (44 Mag) | 14.51 | .44 Mag | 0 | 4 | 1432 | 1422 | 0 | 35 | 31 |
| | | | | 30 | 2 | 1416 | 1415 | 0 | 30 | 28 |
| Wet | HPW-1 (M80) | 15.55 | M80 | 0 | 2 | 2807 | 2786 | 2 | NA | NA |

This report is based on data obtained from having tested only the samples submitted and should not be interpreted as an endorsement by H.P. White Laboratory, Inc. of the continuing quality, or performance, of any other items of the same, or similar design.

All instrumentation and measurement devices, including velocity chronographs, were calibrated in accordance with ISO 10012 and or ISO 17025 requirements.

The samples will be returned via Federal Express or equivalent. Should you have any questions regarding this matter, please do not hesitate to contact us.

Sincerely,

H.P. WHITE LABORATORY, INC.

Ray McBride

RM/mw
Enclosures



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : RADIATION SHIELD TECHNOLOGIES

Job No. : 11145-02A Test Date : 3/19/09

TEST PANEL

Manufacturer : RADIATION SHIELD TECHNOLOGIES
 Size : 15.25 x 15.25 in.
 Thicknesses : NA
 Avg. Thick. : NA
 Description : PROPRIETARY

Sample No. : HPW-1 (44MAG)
 Weight : 14.51 lbs.
 Hardness : NA
 Plies/Laminates : NA

Date Rec'd. : 03/18/09
 Via : UPS
 Returned : Federal Express

SET-UP

Shot Spacing : PER NIJ-STD-0101.04 LEVEL IIIA
 Witness Panel : CLAY
 Obliquity : 0 & 30 deg.
 Backing Material : 5.5" CLAY/PLYWOOD
 Conditioning : DRY

Primary Vel. Screens : 6.5 ft., 11.5 ft.
 Primary Vel. Location : 9.0 ft. From Muzzle
 Residual Vel. Screens : NA
 Residual Vel. Location : NA
 Range to Target : 16.4 ft.
 Target to Wit. : 0.0 in.

Range No. : 1
 Temp. : 72 F
 BP : 30.12 in. Hg
 RH : 32%
 Barrel No./Gun : 44MAG/R1
 Gunner : L.CHES
 Recorder : B.SHAFER

AMMUNITION

(1) : 44 MAG, SJHP, 240 gr.
 (2) :
 (3) :
 (4) :

Lot No. : REMINGTON 23592
 Lot No. :
 Lot No. :
 Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : PER NIJ-STD-0101.04 LEVEL IIIA (MODIFIED)
 (2) : PRE-TEST CLAY DROPS: 20mm, 20mm, 19mm, 18mm, 19mm
 (3) : PRE-TEST CLAY TEMP: 99.3 F

| 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 | 3479 | 1437 | 3502 | 1428 | 1432 | None | DEF. 31mm |
| 2 | 1 | 3500 | 1429 | 3522 | 1420 | 1424 | None | DEF. 35mm |
| 3 | 1 | 3508 | 1426 | 3527 | 1418 | 1422 | None | DEF. 34mm |
| 4 | 1 | 3524 | 1419 | 3545 | 1410 | 1415 | None | (a), DEF. 30mm |
| 5 | 1 | 3519 | 1421 | 3541 | 1412 | 1416 | None | (a), DEF. 28mm |
| 6 | 1 | 3511 | 1424 | 3518 | 1421 | 1423 | None | DEF. 32mm |

REMARKS :

FOOTNOTES :

(a) IMPACTED ON A 30 DEGREE ANGLE.



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : RADIATION SHIELD TECHNOLOGIES

Job No. : 11145-02

Test Date : 3/23/09

TEST PANEL

Manufacturer : RADIATION SHIELD TECHNOLOGIES
 Size : 15.25 x 15.25 in.
 Thicknesses : NA
 Avg. Thick. : NA
 Description : PROPRIETARY

Sample No. : HPW-1 (M-80)
 Weight : 15.55 lbs.
 Hardness : NA
 Plies/Laminates : NA

Date Rec'd. : 03/18/09
 Via : UPS
 Returned : Federal Express

SET-UP

Shot Spacing : PER NIJ-STD-0101.04 LEVEL III
 Witness Panel : CLAY
 Obliquity : 0 deg.
 Backing Material : 5.5" CLAY/PLYWOOD
 Conditioning : WET

Primary Vel. Screens : 39.5 ft., 44.5 ft.
 Primary Vel. Location : 42.0 ft. From Muzzle
 Residual Vel. Screens : NA
 Residual Vel. Location : NA
 Range to Target : 50.0 ft.
 Target to Wit. : 0.0 in.

Range No. : 6
 Temp. : 68 F
 BP : 30.12 in. Hg
 RH : 32%
 Barrel No./Gun : 30.06/R6
 Gunner : J. KELLY
 Recorder : B. SMITH

AMMUNITION

(1) : 7.62mm Ball, M80, 149 gr. Lot No. : WRA67
 (2) : Lot No. :
 (3) : Lot No. :
 (4) : Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : PER NIJ-STD-0101.04 LEVEL III (MODIFIED)
 (2) : PRE-TEST CLAY DROPS: 17mm, 18mm, 17mm, 19mm, 17mm
 (3) : PRE-TEST CLAY TEMP: 95.0 F

| 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 | 1780 | 2809 | 1781 | 2807 | 2808 | Bullet | |
| 2 | 1 | 1793 | 2789 | 1796 | 2784 | 2786 | Bullet | |

REMARKS :

FOOTNOTES :