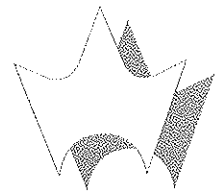


H.P. WHITE LABORATORY, INC.

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



17 March 2011
(HPWLI 11812-01C)

Daw Technologies Ballistic Products, Inc.
1600 West 2200 South, Suite 201
Salt Lake City, Utah 84119

RECEIVED MAR 21 2011

Attention: Peter Spransy

Gentlemen:

In accordance with your instructions, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one proprietary armor sample received 11 March 2011 via United Parcel Service.

Testing was conducted in accordance with your instructions using caliber 5.56x45mm, 62 grain, M855, Ball ammunition. The test sample was rigidly fixtured on an indoor range 50.0 feet from the muzzle of a test barrel to produce zero degree obliquity impacts. Velocity screens were positioned at 6.5 and 9.5 feet which, in conjunction with dual elapsed time counters (chronographs), were used to compute projectile velocities 8.0 feet forward of the muzzle. Penetrations were determined by visual examination of a 0.020 inch thick aluminum alloy 2024T3 witness panel positioned 6.0 inches behind, and parallel to, the test sample. Table I presents a summary of the enclosed data record.

Table I. Summary of Results								
Test Sample			Ballistic Threat				Results	
Number	Weight (lb)	Thickness (in) (a)	Caliber	Obliquity (degrees)	Shots	Velocity (fps)		Penetrations
						Max	Min	
TEST-3 (M855)	(b)	(b)	5.56, M855	0	5	3195	3069	0

(a) Average of four corner thicknesses.
(b) Proprietary.

This report is based on data obtained from having tested only the sample 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.

The test sample is being discarded. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Sincerely,

H.P. White Laboratory, Inc.

Craig B. Dunn

CBD/tc
Enclosure



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : DAW TECH

Job No. : 11812-01

Test Date : 3/16/11

TEST PANEL

Manufacturer : DAW TECH

Size : 12 x 12 in.

Thicknesses : NA

Avg. Thick. : NA

Description : PROPRIETARY.

Sample No. : TEST-3 (M855)

Weight : N/A lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 3/11/11

Via : UPS

Returned : N/A

SET-UP

Shot Spacing : 4 ON 8" SQUARE - 1 IN CENTER

Witness Panel : 0.020", 2024-T3 ALUMINUM

Obliquity : 0 deg.

Backing Material : NA

Conditioning : AMBIENT

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 : 50.0 ft.

Target to Wit. : 6.0 in.

Range No. : 3

Temp. : 63 F

BP : 30.30 in. Hg

RH : 36%

Barrel No./Gun : R3/ .223

Gunner : GORSCHÉ

Recorder : BONSALL

AMMUNITION

(1) : 5.56mm, M855, 62 gr.

(2) :

(3) :

(4) :

Lot No. : UNKNOWN

Lot No. :

Lot No. :

Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : PER CUSTOMER REQUEST

(2) :

(3) :

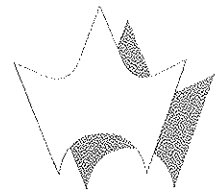
Shot No.	Ammo.	Time 1 (usec)	Velocity 1 (ft/s)	Time 2 (usec)	Velocity 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Footnotes
1	1	975	3077	980	3061	3069	None	
2	1	971	3090	971	3090	3090	None	
3	1	962	3119	966	3106	3112	None	
4	1	944	3178	948	3165	3171	None	
5	1	939	3195	939	3195	3195	None	

REMARKS :

FOOTNOTES :

H.P. WHITE LABORATORY, INC.

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17 March 2011
(HPWLI 11812-01D)

Daw Technologies Ballistic Products, Inc.
1600 West 2200 South, Suite 201
Salt Lake City, Utah 84119

Attention: Peter Spransy

RECEIVED MAR 21 2011

Gentlemen:

In accordance with your instructions, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one proprietary armor sample received 11 March 2011 via United Parcel Service.

Testing was conducted in accordance with your instructions using caliber 7.62x39mm, 123 grain, Ball (mild steel core) ammunition. The test sample was rigidly fixtured on an indoor range 50.0 feet from the muzzle of a test barrel to produce zero degree obliquity impacts. Velocity screens were positioned at 6.5 and 9.5 feet which, in conjunction with dual elapsed time counters (chronographs), were used to compute projectile velocities 8.0 feet forward of the muzzle. Penetrations were determined by visual examination of a 0.020 inch thick aluminum alloy 2024T3 witness panel positioned 6.0 inches behind, and parallel to, the test sample. Table I presents a summary of the enclosed data record.

Table I. Summary of Results								
Test Sample			Ballistic Threat				Results	
Number	Weight (lb)	Thickness (in) (a)	Caliber	Obliquity (degrees)	Shots	Velocity (fps)		Penetrations
						Max	Min	
TEST-4 (MSC)	(b)	(b)	7.62x39mm, MSC	0	5	2410	2383	0

(a) Average of four corner thicknesses.
(b) Proprietary.

This report is based on data obtained from having tested only the sample 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.

The test sample is being discarded. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Sincerely,

H.P. White Laboratory, Inc.

Craig B. Dunn

CBD/tc
Enclosure



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : DAW TECH

Job No. : 11812-01

Test Date : 3/16/11

TEST PANEL

Manufacturer : DAW TECH

Size : 12 x 12 in.

Thicknesses : NA

Avg. Thick. : NA

Description : PROPRIETARY.

Sample No. : TEST-4 (MSC)

Weight : N/A lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 3/11/11

Via : UPS

Returned : N/A

SET-UP

Shot Spacing : 4 ON 8" SQUARE - 1 IN CENTER

Witness Panel : 0.020", 2024-T3 ALUMINUM

Obliquity : 0 deg.

Backing Material : NA

Conditioning : AMBIENT

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 : 50.0 ft.

Target to Wit. : 6.0 in.

Range No. : 3

Temp. : 63 F

BP : 30.30 in. Hg

RH : 36%

Barrel No./Gun : R3/ 7.62 x 39mm

Gunner : GORSCHÉ

Recorder : BONSALL

AMMUNITION

(1) : 7.62 x 39mm, MSC, 123 gr.

(2) :

(3) :

(4) :

Lot No. : UNKNOWN

Lot No. :

Lot No. :

Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : PER CUSTOMER REQUEST

(2) :

(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	1245	2410	1245	2410	2410	None	
2	1	1254	2392	1254	2392	2392	None	
3	1	1254	2392	1259	2383	2388	None	
4	1	1259	2383	1259	2383	2383	None	
5	1	1254	2392	1254	2392	2392	None	

<u>REMARKS :</u>	<u>FOOTNOTES :</u>