

H.P. WHITE LABORATORY, INC.

3114 Scarboro Road
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17 January 2007
(HPWLI 10397-01A)

Fortress Pacific Corporation
3F-4, No. 26, Sec.
2 Min-Chuan E. Rd.
Taipei, Taiwan

Attention: Annie Chao

Gentlemen:

In accordance with your instructions, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one rigid woven aramid fiber in matrix helmet sample received 15 November 2006 via Federal Express.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0106.01, using caliber 9mm Luger, 124 grain, FMJ ammunition. The test sample was mounted on an indoor range 16.5 feet from the muzzle of a test barrel to produce zero degree obliquity impacts. Photoelectric lumiline screens were positioned at 6.5 and 9.5 feet which, in conjunction with elapsed time counters (chronographs), were used to compute projectile velocities 8.0 feet from the muzzle. Penetrations were determined by visual examination of a 0.020 inch thick aluminum alloy 2024T3 aluminum witness panel positioned 5.0 inches behind the interior surface of the sample. Table I presents a summary of the enclosed data record.

TABLE I. SUMMARY OF RESULTS

Test Sample			Ballistic Threat				Results	
Number	Weight (lbs.)	Thickness (in) (a)	Obliquity	Caliber	Shots (b)	Velocity (fps) Max. Min.		Penetrations
HPW-1	3.45	0.338	0	9mm Luger	4	1445	1407	0
(a) Average of four edge thicknesses.								
(b) See enclosed data record for impact location.								

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

In accordance with your instructions, the test sample is being returned via Federal Express. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Very truly yours,

H. P. WHITE LABORATORY, INC.

Craig B. Dunn

CBD/lt
Enclosure

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12 October 2006
(HPWLI 10221-02D)

Fortress Pacific Corporation
3F-4, No. 26, Sec.
2 Min-Chuan E. Rd.
Taipei, Taiwan

Attention: Annie Chao

Gentlemen:

In accordance with your purchase order TL95A11L144PE, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one rigid woven aramid fiber in matrix helmet sample received 2 October 2006 via Federal Express.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0106.01, Level II, using caliber .357 Magnum, 158 grain, JSP ammunition and caliber 9mm Luger, 124 grain, FMJ ammunition. The test sample was mounted on an indoor range 16.5 feet from the muzzle of a test barrel to produce zero degree obliquity impacts. Photoelectric lumiline screens were positioned at 6.5 and 9.5 feet which, in conjunction with elapsed time counters (chronographs), were used to compute projectile velocities 8.0 feet from the muzzle. Penetrations were determined by visual examination of a 0.020 inch thick aluminum alloy 2024T3 aluminum witness panel positioned 5.0 inches behind the interior surface of the sample. Table I presents a summary of the enclosed data record.

TABLE I. SUMMARY OF RESULTS

Test Sample			Ballistic Threat				Results
Number	Weight (lbs.)	Thickness (in) (a)	Obliquity	Caliber	Shots (b)	Velocity (fps) Max/Min	Penetrations
ITEM #3 HELMET	3.65	0.365	0	.357 Magnum	2	1439/1438	0
				9mm Luger	2	1237/1185	0
(a) Average of four edge thicknesses.							
(b) See enclosed data record for impact location.							

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

In accordance with your instructions, the test sample is being returned via Federal Express. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Very truly yours,

H. P. WHITE LABORATORY, INC.

Craig B. Dunn

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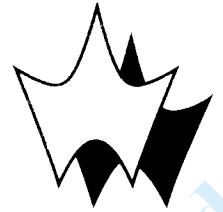
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12 October 2006
(HPWLI 10221-02E)

Fortress Pacific Corporation
3F-4, No. 26, Sec.
2 Min-Chuan E. Rd.
Taipei, Taiwan

Attention: Annie Chao

Gentlemen:

In accordance with your purchase order TL95A11L144PE, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one visor sample received 2 October 2006 via Federal Express.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0108.01, Level IIA, using caliber .357 Magnum, 158 grain, JSP ammunition only. The test sample was mounted on an indoor range 16.5 feet from the muzzle of a test barrel to produce zero degree obliquity impacts. Photoelectric lumiline screens were positioned at 6.5 and 9.5 feet which, in conjunction with elapsed time counters (chronographs), were used to compute projectile velocities 8.0 feet from the muzzle. Penetrations were determined by visual examination of a 0.020 inch thick aluminum alloy 2024T3 aluminum witness panel positioned 6.0 inches behind the interior surface of the sample. Table I presents a summary of the enclosed data record.

TABLE I. SUMMARY OF RESULTS

Test Sample			Ballistic Threat				Results
Number	Weight (lbs.)	Thickness (in) (a)	Obliquity	Caliber	Shots	Velocity (fps) Max/Min	Penetrations
ITEM #3 VISOR	2.50	0.832	0	.357 Magnum	1	1197	0

(a) Average of four area thicknesses.

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

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Craig B. Dunn

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17 July 2006
(HPWLI 10221-01A)



Fortress Pacific Corporation
3F-4, No. 26, Sec.
2 Min-Chuan E. Rd.
Taipei, Taiwan

Attention: Annie Chao

Gentlemen:

In accordance with your purchase order 0950000612, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one rigid woven aramid fiber in matrix helmet received 12 July 2006 via Federal Express.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0106.01, using caliber .357 Magnum, 158 grain, JSP ammunition and caliber 9mm Luger, 124 grain, FMJ ammunition. The test sample was mounted on an indoor range 16.5 feet from the muzzle of a test barrel to produce zero degree obliquity impacts. Photoelectric lumiline screens were positioned at 6.5 and 9.5 feet which, in conjunction with elapsed time counters (chronographs), were used to compute projectile velocities 8.0 feet from the muzzle. Penetrations were determined by visual examination of a 0.020 inch thick aluminum alloy 2024T3 aluminum witness panel positioned 5.0 inches behind the interior surface of the sample. Table I presents a summary of the enclosed data record.

TABLE I. SUMMARY OF RESULTS

Test Sample			Ballistic Threat			Results
Number	Weight (lbs.)	Thickness (in) (a)	Caliber	Shots (b)	Velocity (fps) Maximum/Minimum	Penetrations
HELMET-1	3.41	0.340	9mm Luger	2	1180/1147	0
			.357 Magnum	2	1423/1411	0
(a) Average of four edge thicknesses.						
(b) See enclosed data record for impact location.						

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

In accordance with your instructions, the test sample is being returned via Federal Express. Should you have any questions regarding this matter, or if we may be of any further service, please do not hesitate to contact us.

Very truly yours,

H. P. WHITE LABORATORY, INC.

Craig B. Dunn

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