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6 March 2007
(HPWLI 10460-01E)

Lam Enterprise Company
2-3-3 Horidome-cho
#904 Nihonbashi Chuo-ku
Tokyo Japan 103-0012

Gentlemen:

In accordance with your instructions, H.P. White Laboratory, Inc. conducted ballistic resistance testing of one transparent armor sample received 1 March 2007 via EMS.

Testing was conducted in accordance with your instructions, and the modified provisions of NIJ-STD-0108.01, using caliber 7.62x25 mm, 85 grain, SJLC 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. Velocity screens were positioned at 6.5 feet 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 witness panel positioned 6.0 inches behind, and parallel to, the test sample. Table 1 is a summary of the enclosed data record.

TABLE 1: SUMMARY OF RESULTS

Test Sample			Ballistic Threat				Results
Number	Weight (lb)	Thickness (in) (a)	Obliquity (degrees)	Caliber	Shots	Velocity (fps) Max. Min.	Penetrations
POLY (7.62x25)	12.39	1.209	0	7.62x25 mm, SJLC	5	1542 1529	0

(a) Average of four corner 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.

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/te
Enclosure