



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : LENCO INC.

Job No. : 10441-01

Test Date : 2/20/07

TEST PANEL

Manufacturer : UNK.

Size : 18 x 18 in.

Thicknesses : 0.498, 0.501, 0.501, 0.501 in.

Avg. Thick. : 0.500 in.

Description : 1/2" STEEL PANEL

Sample No. : HPW-4 (M-2)

Weight : 45.33 lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 02/15/07

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 : 15.0 ft., 35.0 ft.

Primary Vel. Location : 25.0 ft. From Muzzle

Residual Vel. Screens : NA

Residual Vel. Location : NA

Range to Target : 45.0 ft.

Target to Wit. : 6.0 in.

Range No. : 3

Temp. : 75 F

BP : 29.47 in. Hg

RH : 23%

Barrel No./Gun : TEST BARREL

Gunner : BONSALL

Recorder : BLACK

AMMUNITION

(1) : CAL. .50, M2, BALL, 695 gr.

(2) : CAL. .50, M33, BALL, 643 gr.

(3) :

(4) :

Lot No. :

Lot No. :

Lot No. :

Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

(1) : REQUIRED VELOCITY : 2800-2900 fps.

(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	7079	2825	7081	2824	2825	None	
2	1	7002	2856	7003	2856	2856	None	
3	1	6994	2860	6995	2859	2859	None	
4	1	6975	2867	6976	2867	2867	None	
5	1	7025	2847	7026	2847	2847	None	
6	2	6940	2882	6945	2880	2881	None	
7	2	6992	2860	6993	2860	2860	None	
8	2	7045	2839	7046	2838	2839	None	
9	2	7000	2857	7001	2857	2857	None	
10	2	6962	2873	6963	2872	2873	None	

REMARKS :

FOOTNOTES :