



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : MOFET ETZION

Job No. : 8578-09

Test Date : 11/13/02

TEST PANEL

Manufacturer : MOFET ETZION

Size : 10 x 12 in.

Thicknesses : NA

Avg. Thick. : NA

Description : MF-1 + 10mm DYNEEMA

Sample No. : MF-1A

Weight : 5.94 (MF-1 ONLY) lbs.

Hardness : NA

Plies/Laminates : NA

Date Rec'd. : 11/13/02

Via : HAND CARRIED

Returned : FedEx

SET-UP

Shot Spacing : PER CUSTOMER REQUEST

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. : 72 F

BP : 30.02 in. Hg

RH : 67%

Barrel No./Gun : TEST BARREL

Gunner : WILLIAMSON

Recorder : POOLE

AMMUNITION

(1) : 7.62mm AP, M61, 150 gr.

(2) : 5.56mm Ball, M855

(3) :

(4) :

Lot No. : 01FNB88

Lot No. : LC-86K691L092

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)	Vel. Loss (ft/s)	Strike Vel. (ft/s)	Penetration	Footnotes
1	1	7108	2814	7109	2813	2814	15	2798	None	
2	1	7110	2813	7112	2812	2813	15	2797	None	
3	1	7077	2826	7078	2826	2826	16	2810	None	
4	1	7106	2815	7107	2814	2814	15	2799	None	
5	1	7119	2809	7119	2809	2809	15	2794	None	
6	1	7090	2821	7092	2820	2820	15	2805	None	
7	1	7114	2811	7114	2811	2811	15	2796	None	
8	2	6619	3022	6621	3021	3021	0	3021	None	
9	2	6620	3021	6620	3021	3021	0	3021	None	
10	2	6639	3013	6641	3012	3012	0	3012	None	
11	2	6667	3000	6670	2999	2999	0	2999	None	
12	2	6648	3008	6648	3008	3008	0	3008	None	
13	2	6641	3012	6642	3011	3011	0	3011	None	
14	2	6538	3059	6540	3058	3059	0	3059	None	(a)
15	1	7199	2778	7202	2777	2778	15	2762	None	(b)

REMARKS :

Velocity loss computed using standard formulas.

FOOTNOTES :

(a) PANEL WAS FLEXIBLE.
(b) IMPACT IN SAME LOCATION AS SHOT #9. IMPACT AREA WAS REPAIRED BEFORE SHOOTING.