

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC

Job No.: 2084-202-1

Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: 9mm FMJ

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 71.7 °F
BP: 30.6 inHg
RH: 32.1%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) 9-mm, 124-grain FMJ	Remington 23558	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 12:45 PM; Block No. 27; Temp: 96.6 °F; Drop Depths: 18.5mm,19.0mm,20.4mm,19.4mm,19.3mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	124.4	3824	1308	3307	1310	1309	None	25.9	0.0	
2	1	124.6	3675	1361	3177	1364	1362	None	20.4	0.0	
3	1	124.4	3697	1352	3197	1355	1354	None	29.7	0.0	
4	1	124.9	3734	1339	3231	1341	1340	None	NA	30.0	
5	1	125.1	3749	1334	3243	1336	1335	None	NA	45.0	
6	1	124.5	3836	1303	3319	1306	1304	None	NA	0.0	

Remarks:

Required velocity: 1305 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC

Job No.: 2084-202-2

Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: 9mm SXT

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 71.4 °F
BP: 30.6 inHg
RH: 34.7%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) 9mm 127 gr. +P+ T-Series	Winchester RA9TA	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 1:21 PM; Block No. 27; Temp: 96.6 °F; Drop Depths: 19.9mm,19.2mm,20.1mm,20.7mm,19.3mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	127.0	3900	1282	3373	1285	1283	None	29.5	0.0	
2	1	127.0	3780	1323	3268	1326	1324	None	28.5	0.0	
3	1	127.6	4100	1220	3546	1222	1221	None	23.2	0.0	
4	1	126.7	3961	1262	3426	1265	1264	None	NA	30.0	
5	1	127.1	3849	1299	3326	1303	1301	None	NA	45.0	
6	1	NA	3966	1261	3429	1264	1262	None	NA	0.0	

Remarks:

Required velocity: 1250 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC
Job No.: 2084-202-3
Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: .40 FMJ

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 71.6 °F
BP: 30.6 inHg
RH: 36.0%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) .40-cal., 180-grain S&W FMJ	Remington	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 11:35 AM; Block No. 4; Temp: 94.6 °F; Drop Depths: 19.4mm,17.3mm,20.1mm,19.7mm,18.9mm
(1) NIJ-STD-0101.06 Level IIIA (Modified)
(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	180.3	4305	1161	3841	1128	1145	None	27.6	0.0	(a)
2	1	179.4	4286	1167	3695	1173	1170	None	17.1	0.0	
3	1	180.1	4352	1149	3766	1151	1150	None	23.2	0.0	
4	1	180.5	4449	1124	3851	1125	1125	None	NA	30.0	
5	1	180.7	4310	1160	3729	1162	1161	None	NA	45.0	
6	1	180.4	4383	1141	3790	1143	1142	None	NA	0.0	

Remarks:

Required velocity: 1155 +/- 30 ft/s.

Footnotes:

(a) The projectile had an excessive velocity spread between screens.

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC
Job No.: 2084-202-4
Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: 44 Mag

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 71.6 °F
BP: 30.5 inHg
RH: 35.7%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) .44-mag., 240-grain SJHP	Speer B02X	Accurate No. 5

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 2:47 PM; Block No. 8; Temp: 90.1 °F; Drop Depths: 18.7mm,19.6mm,18.3mm,17.7mm,18.6mm
(1) NIJ-STD-0101.06 Level IIIA (Modified)
(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	240.5	3487	1434	3016	1437	1435	None	27.8	0.0	
2	1	240.1	3495	1431	3021	1434	1432	None	32.7	0.0	
3	1	240.6	3480	1437	3009	1440	1438	None	25.7	0.0	
4	1	240.4	3470	1441	3002	1443	1442	None	NA	30.0	
5	1	240.7	3485	1435	3014	1438	1436	None	NA	45.0	
6	1	240.7	3512	1424	3038	1426	1425	None	NA	0.0	

Remarks:

Required velocity: 1430 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC

Job No.: 2084-202-5

Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: 357 Mag

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 71.6 °F
BP: 30.5 inHg
RH: 35.4%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) .357-mag., 158-grain JSP	Remington 22847	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 2:24 PM; Block No. 8; Temp: 90.5 °F; Drop Depths: 18.5mm, 18.8mm, 19.1mm, 18.7mm, 17.7mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	158.4	3404	1469	2945	1471	1470	None	26.4	0.0	
2	1	158.2	3473	1440	3004	1442	1441	None	15.0	0.0	
3	1	158.6	3548	1409	3070	1411	1410	None	25.7	0.0	
4	1	158.0	3514	1423	3038	1426	1425	None	NA	30.0	
5	1	158.7	3463	1444	2992	1448	1446	None	NA	45.0	
6	1	158.5	3468	1442	2997	1446	1444	None	NA	0.0	

Remarks:

Required velocity: 1430 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC
Job No.: 2084-202-6
Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: 357 Sig Frangible

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 71.6 °F
BP: 30.5 inHg
RH: 34.7%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) .357 SIG 100-grain Frangible SF	Winchester RA357SSF	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 2:05 PM; Block No. 25; Temp: 94.2 °F; Drop Depths: 19.0mm, 18.8mm, 19.9mm, 20.2mm, 20.3mm

- (1) NIJ-STD-0101.06 Level IIIA (Modified)
- (2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	100.6	3251	1538	2809	1543	1540	None	25.0	0.0	
2	1	100.6	3407	1468	2945	1471	1469	None	17.1	0.0	
3	1	100.4	3319	1506	2870	1510	1508	None	29.9	0.0	
4	1	100.2	3290	1520	2843	1524	1522	None	NA	30.0	
5	1	100.2	3270	1529	2828	1532	1531	None	NA	45.0	
6	1	100.1	3317	1507	2867	1511	1509	None	NA	0.0	

Remarks:

Required velocity: 1490 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC

Job No.: 2084-202-7

Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: 357 Sig

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 71.4 °F
BP: 30.5 inHg
RH: 34.6%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) .357-cal., 125-grain SIG FMJ FN	Speer A27R	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 1:52 PM; Block No. 25; Temp: 94.4 °F; Drop Depths: 17.9mm, 18.3mm, 18.3mm, 20.1mm, 18.4mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	124.6	3275	1527	2833	1529	1528	None	28.1	0.0	
2	1	125.8	3317	1507	2867	1511	1509	None	19.2	0.0	
3	1	125.1	3360	1488	2909	1490	1489	None	27.0	0.0	
4	1	124.6	3368	1485	2911	1488	1487	None	NA	30.0	
5	1	124.9	3400	1471	2941	1473	1472	None	NA	45.0	
6	1	125.3	3368	1485	2914	1487	1486	None	NA	0.0	

Remarks:

Required velocity: 1470 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC
Job No.: 2084-202-8
Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: SS195

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.42 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 72.5 °F
BP: 30.6 inHg
RH: 33.8%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) 5.7 x 28-mm, 27-grain SS195 LFHP	FNH USA 01FNB13	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 9:40 AM; Block No. 8; Temp: 90.8 °F; Drop Depths: 17.4mm, 18.9mm, 18.3mm, 19.7mm, 18.8mm

- (1) NIJ-STD-0101.06 Level IIIA (Modified)
- (2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	27.4	2665	1876	2303	1881	1879	None	6.4	0.0	
2	1	27.6	2750	1818	2377	1823	1821	None	2.3	0.0	
3	1	27.3	2784	1796	2406	1801	1798	None	0.6	0.0	
4	1	27.5	2743	1823	2372	1827	1825	None	NA	30.0	
5	1	27.6	2738	1826	2367	1831	1828	None	NA	45.0	
6	1	27.7	2762	1810	2391	1812	1811	None	NA	0.0	

Remarks:

Required velocity: 1825 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC

Job No.: 2084-202-9

Test Date: 1/9/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: SS197

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 1
Temp: 71.6 °F
BP: 30.6 inHg
RH: 33.6%
Barrel/Gun: Test Barrel
Gunner: G. Bonilla
Recorder: Lance Eveland

Ammunition

Projectile	Lot No.	Powder
(1) 5.7 x 28-mm, 40-grain SS197SR	FNH USA 0521069058	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 11:09 AM; Block No. 4; Temp: 95.1 °F; Drop Depths: 19.2mm,21.0mm,20.2mm,18.8mm,19.1mm

(1) NIJ-STD-0101.06 Level IIIA (Modified)

(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	40.0	2884	1734	2496	1736	1735	None	26.5	0.0	
2	1	40.0	2750	1818	2379	1821	1820	None	17.8	0.0	
3	1	40.0	2804	1783	2425	1787	1785	None	14.5	30.0	
4	1	40.1	2792	1791	2413	1796	1793	None	NA	30.0	
5	1	40.0	2833	1765	2452	1767	1766	None	NA	45.0	
6	1	40.1	2775	1802	2401	1805	1803	None	NA	0.0	

Remarks:

Required velocity: 1750 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire LLC
Job No.: 2084-202-11
Test Date: 1/10/2020

Test Panel

Description: Level IIIA torso plate tested as stand alone.

Manufacturer: Hardwire, LLC

Sample No.: Tokarev-2

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.42 lbs
Plies/Laminates: NA

Date Received: 1/7/2020
Via: UPS
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level IIIA
Witness Panel: Clay
Backing Material: 5.5-in clay/plywood
Condition: Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.166, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 4
Temp: 66.3 °F
BP: 30.4 inHg
RH: 35.4%
Barrel/Gun: Test Barrel
Gunner: C. Peddicord
Recorder: Josh Petty

Ammunition

Projectile	Lot No.	Powder
(1) 7.62 x 25-mm, TOKAREV SJLC	Russian	Accurate No. 2

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 10:55 AM; Block No. 1; Temp: 94.6 °F; Drop Depths: 19.6mm, 18.3mm, 18.9mm, 16.9mm, 19.6mm
(1) NIJ-STD-0101.06 Level IIIA (Modified)
(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	85.0	2762	1810	2394	1810	1810	None	30.7	0.0	
2	1	85.0	2787	1794	2416	1793	1794	None	31.7	0.0	
3	1	85.0	2777	1801	2408	1799	1800	None	35.5	0.0	
4	1	85.0	2784	1796	2413	1796	1796	None	NA	30.0	
5	1	85.0	2757	1814	2389	1814	1814	None	NA	45.0	
6	1	85.0	2782	1797	2411	1797	1797	None	NA	0.0	

Remarks:

Required velocity: 1800 ±30 ft/s.

Footnotes:

BALLISTIC RESISTANCE TEST

NTS-Chesapeake Testing

4603B Compass Point Road
Belcamp, MD 21017

Client: Hardwire, LLC
Job No.: 2084-202-14
Test Date: 1/15/2020

Test Panel

Description: PE Plate

Manufacturer: Hardwire, LLC

Sample No.: 12 Gauge-3

Size: 11.00 x 14.00 in
Avg. Thick: NA
Thickness: NA

Weight: 1.41 lbs
Plies/Laminates: NA

Date Received: 1/14/2020
Via: Hand Carried
Returned: UPS

Setup

Shot Spacing: NIJ-STD-0101.06 Level III
Witness Panel: (Modified)
Backing Material: Clay
Condition: 5.5-in clay/plywood
Ambient

Primary Vel. Screens (ft): 6.500, 6.833,
11.167, 11.500
Primary Vel. Location (ft): 9.000
Range to Target (ft): 17.200
Target to Witness (in): 0.000

Range No.: 2
Temp: 68.1 °F
BP: 29.9 inHg
RH: 42.7%
Barrel/Gun: Test Barrel
Gunner: Joey Gerdes
Recorder: Jacob Arisman

Ammunition

Projectile	Lot No.	Powder
(1) 12-gauge, 3 in mag., 1 oz. rifled slug	Winchester	Factory load

Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 1:58 PM; Block No. 30; Temp: 87.2 °F; Drop Depths: 16.3mm,16.3mm,17.8mm,17.2mm,19.3mm
(1) NIJ-STD-0101.06 Level III (Modified)
(2) Customer request

Shot No.	Ammo	Weight (gr)	Time 1 (µs)	Vel. 1 (ft/s)	Time 2 (µs)	Vel. 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Deformation (mm)	Obliq. (°)	Footnotes
1	1	NA	2960	1689	2557	1695	1692	None	34.6	0.0	

Remarks:

Requested velocity: 1600 ft/s.

Footnotes: