

# BALLISTIC RESISTANCE TEST

**NTS-Belcamp**  
4603B Compass Point Road  
Belcamp, MD 21017

Client: Pangolin SAS  
Project No.: PH00010943  
Test Date: 04/04/2024  
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**Test Panel** Description: FILA-X-PRO-360

**Manufacturer:** Pangolin SAS

**Sample No.:** (.357 Sig, V0, Wet) 2232024-3709

Size: Large  
Avg. Thickness: N/A  
Thicknesses: N/A

Weight: 2.530 lbs  
Plies/Laminates: N/A

Date Received: 03/25/2024  
Received Via: USPS  
Returned Via: USPS

## Setup

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

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.: Range 3  
Temp: 67.9 °F  
BP: 30 inHg  
RH: 39 %  
Barrel/Gun: WC060419  
Gunner: Brett Erisman  
Recorder: Keivin Guzman

## Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) .357 Sig, 125-grain FMJ FN	4362	Speer	Accurate No. 2

## Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 8:05 AM; Block No. WC074180; Temp: 96.3 °F; Drop Depths: 18.3 mm, 19.7 mm, 18.8 mm, 18.6 mm, 19.2 mm  
(1) NIJ-STD-0101.06 Level IIIA (Modified)  
(2) Customer Request

Shot No.	Ammo	Powder/ Seating	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	6.8	125	3407	1468	2953	1467	1467	None	29.6	0	
2	1	6.8	125.1	3363	1487	2916	1486	1486	None	26.4	0	
3	1	6.8	125.1	3409	1467	2955	1466	1467	None	24.7	0	
4	1	6.8	125.2	3407	1468	2953	1467	1467	None		45	
5	1	6.8	125.3	3369	1484	2920	1484	1484	None		30	
6	1	6.8	125.3	3397	1472	2948	1470	1471	None		0	

### Remarks:

Required Velocity: 1440 - 1500 ft/s.  
Projectile Yaw Check: 0° on all impacts.

### Footnotes:

N/A

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**Test Panel** Description: FILA-X-PRO-360

**Manufacturer:** Pangolin SAS

**Sample No.:** (Tokarev, V0, Wet) 2232024-3711

Size: Large  
Avg. Thickness: N/A  
Thicknesses: N/A

Weight: 2.520 lbs  
Plies/Laminates: N/A

Date Received: 03/25/2024  
Received Via: USPS  
Returned Via: USPS

## Setup

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

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.: Range 3  
Temp: 68.2 °F  
BP: 30 inHg  
RH: 38 %  
Barrel/Gun: WC024521  
Gunner: Brett Erisman  
Recorder: Keivin Guzman

## Ammunition

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

## Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 8:30 AM; Block No. WC074196; Temp: 97.5 °F; Drop Depths: 18.5 mm, 17.3 mm, 17.4 mm, 17.1 mm, 18.3 mm  
(1) NIJ-STD-0101.06 Level IIIA (Modified)  
(2) Customer Request

Shot No.	Ammo	Powder/ Seating	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	5.3	86	3456	1447	2994	1447	1447	None	19.7	0	
2	1	5.3	86	3507	1426	3041	1425	1425	None	21.1	0	
3	1	5.3	86	3412	1465	2958	1465	1465	None	16	0	

### Remarks:

Required Velocity: 1410 - 1470 ft/s.  
Projectile Yaw Check: 0° on all impacts.

### Footnotes:

N/A

# BALLISTIC RESISTANCE TEST

**NTS-Belcamp**  
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Belcamp, MD 21017

Client: Pangolin SAS  
Project No.: PH00011112  
Test Date: 04/23/2024  
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**Test Panel** Description: FILA-X-PRO-360

**Manufacturer:** Pangolin SAS

**Sample No.:** (.44 Mag, V0) 1142024-3971

Size: Medium  
Avg. Thickness: N/A  
Thicknesses: N/A

Weight: 2.550 lbs  
Plies/Laminates: N/A

Date Received: 04/15/2024  
Received Via: USPS  
Returned Via: USPS

## Setup

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

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.: Range 3  
Temp: 67.5 °F  
BP: 30 inHg  
RH: 41 %  
Barrel/Gun: WC067270  
Gunner: Vincent Johnson  
Recorder: Keivin Guzman

## Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) .44 Mag, 240-grain SJHP	4453	Speer	Accurate No. 5

## Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 12:45 PM; Block No. WC074182; Temp: 95.3 °F; Drop Depths: 18.2 mm, 17.9 mm, 18.5 mm, 17 mm, 18 mm  
(1) NIJ-STD-0101.06 Level IIIA (Modified)  
(2) Customer Request

Shot No.	Ammo	Powder/Seating	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	14.7	240.2	3534	1415	3063	1415	1415	None	34	0	
2	1	14.7	240.3	3509	1425	3043	1424	1424	None	35.6	0	
3	1	14.7	240.3	3500	1429	3036	1427	1428	None	34.4	0	
4	1	14.7	240.4	3517	1422	3048	1422	1422	None	27.8	30	
5	1	14.7	240.4	3434	1456	2980	1454	1455	None	31.5	45	
6	1	14.7	240.4	3504	1427	3041	1425	1426	None	39.8	0	

### Remarks:

Required Velocity: 1400 - 1460 ft/s.  
Projectile Yaw Check: 0° on all impacts.

### Footnotes:

Sample was marked up by customer.

# BALLISTIC RESISTANCE TEST

**NTS-Belcamp**  
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Project No.: PH00011112  
Test Date: 04/23/2024  
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**Test Panel** Description: FILA-X-PRO-360 + Traumapad

**Manufacturer:** Pangolin SAS

**Sample No.:** (12 Gauge, V0) 1142024-3972

Size: Medium  
Avg. Thickness: N/A  
Thicknesses: N/A

Weight: 2.630 lbs  
Plies/Laminates: N/A

Date Received: 04/15/2024  
Received Via: USPS  
Returned Via: USPS

## Setup

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

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.: Range 3  
Temp: 68.4 °F  
BP: 30 inHg  
RH: 40 %  
Barrel/Gun: WC020651  
Gunner: Vincent Johnson  
Recorder: Keivin Guzman

## Ammunition

Projectile	Lot No.	Manufacturer	Powder
(1) 12 gauge, 1-oz Slug 2-3/4 in.	N/A	Federal	Factory

## Applicable Standards or Procedures

Clay Drop 1 - Drop Time: 1:10 PM; Block No. WC074182; Temp: 94.8 °F; Drop Depths: 18.9 mm, 18 mm, 17.8 mm, 19.8 mm, 17.8 mm  
(1) NIJ-STD-0101.06 Level IIIA (Modified)  
(2) Customer Request

Shot No.	Ammo	Powder/Seating	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	Factory		3710	1348	3216	1347	1348	None	42.3	0	

### Remarks:

Required Velocity: 1312 ft/s.  
Projectile Yaw Check: 0° on all impacts.

### Footnotes:

N/A