



Customer details

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Service option

☒ Field testing light

Lead source

☒ Defence Metrics

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Delta Eleven Ballistic test report

Customer product description

Delta Eleven is a distributor of OEM ballistic plates, side armor and helmets of NIJ IIIA – NIJ III+ standard. The products are sold as stand-alone and usable as such, or in conjunction with each other.

Products included in the testing were:

- Delta hard plate, (Ballistic plate (NIJ III+))
- Delta side plate, (Ballistic side armor (NIJ IIIA))
- Delta ballistic helmet, (Ballistic helmet (NIJ IIIA))



DEFENCE METRICS TEST REPORT

Field testing & end-user validation

Executive summary

Defence Metrics successfully conducted a validation exercise of the Delta Eleven products included in the testing: ballistic plate (NIJ III+), ballistic side armor (NIJ IIIA), ballistic helmet (NIJ IIIA) – all of which held up to their NIJ claims in terms of stopping power for tested calibers.

Calibers included: **7,62x39** (SAKO RK95), **.223** (Daniel Defense M4 V7), **9mm** (Glock 45). The performed tests followed NIJ test methods in applicable parts, in regards to distances, measurements and the keeping of a shot log.

General test description

Purpose

The purpose of these tests was to support an engineering-level assessment intended to confirm or challenge the manufacturer's stated threat-level protection claims for the tested units, covering the tested calibers.

As all tested units successfully proved to withstand impacts, as promised by the manufacturer, these tests provide critical decision-making criteria for the client, as well as an objective third party validation of the product qualifications.

Limitations

These tests were not conducted in accordance with any formal or standardized certification test procedures, nor were they performed as part of any third-party certification program commissioned by the manufacturer.

The results presented in this report apply solely to the specific test articles evaluated and do not imply or guarantee equivalent performance, quality, or consistency across other units produced by the same manufacturer.

Unable to obtain BFS/BFD, due to witness material solidifying in -10°C .

**These tests are strictly limited to the specific samples tested and shall not be interpreted as product certification, compliance verification, or assurance of manufacturing consistency.*

Signature

Henrik Ulfves
CEO, Partner

Date

16/02/2026

Place

Helsinki, Finland



DEFENCE METRICS TEST REPORT

Field testing & end-user validation

Ballistic plate (NIJ III+)
(Delta Hard Plate)

Date	Time	Category
17/1/2026	Lunch	Ballistics

Weather

Winter, -10°C, humidity 94-96 %, open-air range.

Test description

Shot ID #1 and #2 – Perforation/penetration test of **ballistic plate (NIJ III+)**. Distance 15 meters, 0° angle.

Weapon: SAKO RK95 / **Ammunition:** **7,62x39** RK S309 p herm 50g VPT
Acceptance criteria: no perforation/penetration.

Shot ID #3 and #4 – Perforation/penetration test of **ballistic plate (NIJ III+)**. Distance 15 meters, 0° angle.

Weapon: Daniel Defense M4 V7 / **Ammunition:** **.223** STV Scorpio Rem FMJ 3,56g (55gr).
Acceptance criteria: no perforation/penetration.

Results

Shot ID #1 – Hit visible in outer textile layer, some residual kinetic effects visible on back of plate. No perforation/penetration. Accepted result.

Shot ID #2 – Hit ripped textile layer, which spread projectile kinetic energy as intended. Less kinetic force markers on back of plate, as compared to shot ID #1. **No perforation/penetration.**
Accepted result.

Shot ID #3 and #4 – Hits ripped textile layer, which spread projectile kinetic energy as intended. Less kinetic force markers on back of plate, as compared to previous shots. **No perforation/penetration.** Accepted result.

Additional material

Pictures 1-2, hits marked with shot ID number.

ID	Article	Distance	Ammunition	Weapon	Perforation/Penetration (Y/N)	BFS/BFD (mm)	Angle
1	Plate NIJ III+	15 m	7,62x39 RK	Sako RK95	NO	n/a	0°
2	Plate NIJ III+	15 m	7,62x39 RK	Sako RK95	NO	n/a	0°
3	Plate NIJ III+	15 m	.223 STV	Daniel Defense	NO	n/a	0°
4	Plate NIJ III+	15 m	.223 STV	Daniel Defense	NO	n/a	0°



DEFENCE METRICS TEST REPORT
Field testing & end-user validation

Ballistic helmet (NIJ IIIA)
(Delta Ballistic Helmet)

Date	Time	Category
17/1/2026	Afternoon	Ballistics

Weather

Winter, -10°C, humidity 94-96 %, open-air range.
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Test description

Shot ID #5 and #6 – Perforation/penetration test of ballistic helmet (NIJ IIIA). Distance 5 meters, 0° angle. Weapon: Glock 45 / Ammunition: 9mm 9x19 Scorpio 8gr (124gr) FMJ Acceptance criteria: no perforation/penetration.

Results

Shot ID #5 and #6 – No penetration. Small amount of bulging/intendation on the inside of the helmet. Accepted result.

Additional material

Pictures 3-5, hits marked with shot ID number.
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ID	Article	Distance	Ammunition	Weapon	Perforation/Penetration (Y/N)	BFS/BFD (mm)	Angle
5	Helmet NIJ IIIA	5 m	9mm FMJ	Glock 45	NO	n/a	0°
6	Helmet NIJ IIIA	5 m	9mm FMJ	Glock 45	NO	n/a	0°



DEFENCE METRICS TEST REPORT
Field testing & end-user validation

Soft side armor (NIJ IIIA)
(Delta Side Plate)

Date	Time	Category
17/1/2026	Afternoon	Ballistics

Weather

Winter, -10°C, humidity 94-96 %, open-air range.
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Test description

Shot ID #7 and #8 – Perforation/penetration test of **soft side armor (NIJ IIIA)**.
Distance 5 meters, 0° angle.

Weapon: Glock 45 / **Ammunition:** 9mm 9x19 Scorpio 8gr (124gr) FMJ
Acceptance criteria: no perforation/penetration.

Results

Shot ID #7 and #8 – Visible impact and distortion of the material. **No perforation/penetration.**
Accepted result.

Additional material

Pictures 6-7, hits marked with shot ID number.
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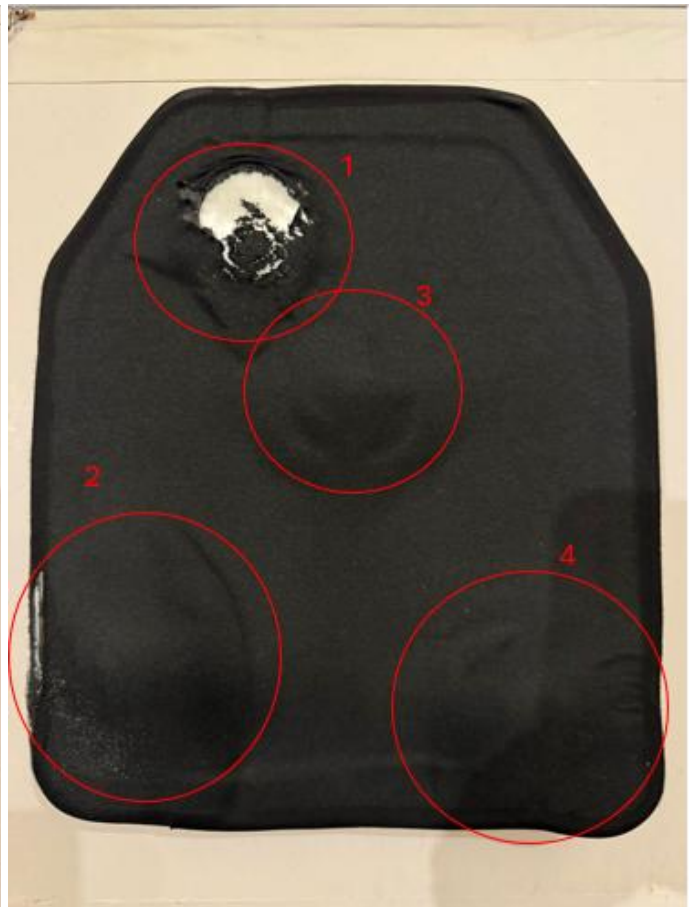
ID	Article	Distance	Ammunition	Weapon	Perforation/Penetration (Y/N)	BFS/BFD (mm)	Angle
7	Soft side	5 m	9mm FMJ	Glock 45	NO	n/a	0°
8	Soft side	5 m	9mm FMJ	Glock 45	NO	n/a	0°

Date	Place
16/02/2026	Helsinki, Finland

Picture 1



Picture 2



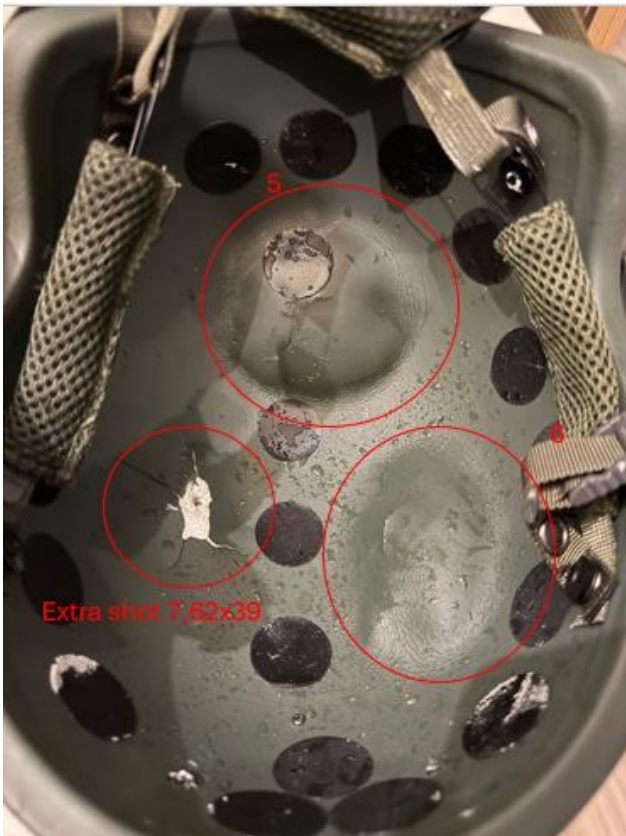
Picture 3



Picture 4



Picture 5



Picture 6



Picture 7

