



CAIMAN BALLISTIC HELMET SYSTEM

ELITE PERFORMANCE HELMET

THE BATLSKIN CAIMAN® BALLISTIC HELMET was designed from the ground up, in collaboration with SOF operators. A next-generation solution that minimizes weight and bulk, while offering maximum protection and performance, the Caiman helmet offers the most area of coverage for a high-cut helmet.



KEY FEATURES

- Advanced Ultra High Molecular Weight Polyethylene (UHMWPE) material in unique high cut shape
- Available in five (5) sizes for better-fitting, lighter helmet
- Best-in-class APEX Liner System is infinitely customizable for ultimate comfort
- Scalable protection with Visors and Mandible Guards
- Integrates seamlessly with Face Shields, NVGs, Chem/Bio masks and Communication Devices
- 7-year warranty*

DESIGNED TO THE FOLLOWING PERFORMANCE STANDARDS

- Modified and abbreviated NIJ 0106.01 / NIJ 0101.06 IIIA THREATS
- Modified and abbreviated NIJ 0106.01 / NIJ 0108.01 IIIA THREATS
- Modified and abbreviated Family of Tactical Headborne Systems dated June 30th, 2017
- Modified and abbreviated US Army CO/PD-05-04 dated October 30th, 2007

PHYSICAL CHARACTERISTICS

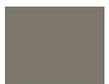
- **AREAL DENSITY:** 1.30 lbs/ft² (6.35 kg/m²)
- **THICKNESS:** 0.24 in (6 mm)
- **CUT STYLES:** High Cut



TAN499



BLACK



RANGER GREEN

	SMALL	MEDIUM	LARGE	X-LARGE	XX-LARGE
CIRCUMFERENCE	20 ¾ - 22 ¼ in (527 - 565 mm)	22 - 23 ¼ in (559 - 603 mm)	22 ¾ - 24 in (578 - 610 mm)	23 ½ - 24 ¾ in (597 - 629 mm)	24 ¼ - 25 ¾ in (616 - 654 mm)
COVERAGE	154 in ² (994 cm ²)	162 in ² (1045 cm ²)	171 in ² (1103 cm ²)	185 in ² (1194 cm ²)	207 in ² (1335 cm ²)
WEIGHT (SHELL)	1.47 lbs (0.67 kg)	1.53 lbs (0.69 kg)	1.61 lbs (0.73 kg)	1.77 lbs (0.80 kg)	1.92 lbs (0.87 kg)
WEIGHT (SYSTEM)	2.31 lbs (1.05 kg)	2.38 lbs (1.08 kg)	2.49 lbs (1.13 kg)	2.71 lbs (1.23 kg)	2.89 lbs (1.31 kg)

*System = Painted ballistic shell, hook and loop, NVG shroud, suspension system, and retention system.
Weights indicated are nominal. Actual weight may vary.*

	DESIGNED TO	PERFORMED TO
THREAT	NIJ 0106.01 / NIJ 0101.06 IIIA THREATS	
.357 SIG	1440 - 1500 ft/s (439 - 457 m/s)	Pass
.44 MAG SJHP	1400 - 1460 ft/s (427 - 445 m/s)	Pass
THREAT	NIJ 0106.01 / NIJ 0108.01 IIIA THREATS	
9mm	1350 - 1450 ft/s (411 - 442 m/s)	Pass
.44 MAG SWCGC	1350 - 1450 ft/s (411 - 442 m/s)	Pass
PROJECTILE	V₅₀ BL(P)	
2-grain RCC	4075 ft/s (1242 m/s)	4491 ft/s (1369 m/s)
4-grain RCC	3450 ft/s (1052 m/s)	4116 ft/s (1255 m/s)
16-grain RCC	2425 ft/s (739 m/s)	2747 ft/s (837 m/s)
17-grain FSP	2200 ft/s (671 m/s)	2844 ft/s (867 m/s)
64-grain RCC	1700 ft/s (518 m/s)	2113 ft/s (644 m/s)
SHOT LOCATION	9 mm RTP/BTD AT VELOCITY OF 1195 ft/s (364 m/s) +50 ft/s (15 m/s)	
Crown	<30 mm (1.18 in)	22.9 mm (0.90 in)
Left	<30 mm (1.18 in)	21.4 mm (0.84 in)
Right	<30 mm (1.18 in)	20.0 mm (0.79 in)
Front	<30 mm (1.18 in)	12.6 mm (0.50 in)
Rear	<30 mm (1.18 in)	20.9 mm (0.82 in)
SHOT LOCATION	9 mm RTP AT VELOCITY OF 1400 ft/s (427 m/s) +50 ft/s (15 m/s)	
Crown	RTP	Pass
Left	RTP	Pass
Right	RTP	Pass
Front	RTP	Pass
Rear	RTP	Pass

BLUNT IMPACT

- Designed to < 150G in all locations for 10 ft/s (3 m/s) impact
- Performed to average 78.8G with no single impact > 95.6G

ENVIRONMENTAL CONDITIONS

- Designed to Ambient 70°F (21°C), Extreme hot 160°F (71°C), Extreme cold -60°F (-51°C), Immersion in seawater at 70°F (21°C) IAW ASTM D1141-98, Immersion in gasoline at 70°F (21°C) IAW ASTM D910

APEX SUSPENSION & RETENTION SYSTEM

FIT BAND

- Infinitely adjustable using dial mechanism
- Can be positioned at different heights to accommodate user's head shape
- Easily removable to suit user preference; liner functions without fit band

RETENTION SYSTEM

- Tensioners enable easy adjustment; no loose straps
- Height adjustable nape pad for NVG stability
- Leather-lined chin cup offers comfort and stability



COMFORT LINER

- Removable & repositionable pads for a custom, user-optimized fit
- Offers stability and mitigates heat build up
- Easily field replaceable; hygiene replacement kits available

IMPACT LINER

- 3-piece EPP impact liner
- Liner provides complete, uniform coverage of inside shell and is easily replaceable
- Simple, user-friendly installation and replacement



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***WARRANTY:** Galvion offers a 7 year warranty on Caiman Helmet shells, 3 years on non-consumable helmet components [fit band, hardware, buckles], and 1 year on consumable helmet components [comfort layer, impact pads, retention system]. Please go to www.galvion.com/warranty/ for the complete limited warranty. The Caiman Ballistic Helmet is controlled for export by the U.S. Export Administration Regulations [EAR]. The export of this helmet and related technical information requires prior authorization from the U.S. Government.