HELLBENDER™ TE
PREMIUM HELMET SYSTEM
ENHANCED SHELL GEOMETRY FOR INCREASED BALLISTIC PROTECTION

THE HELLBENDER™ TE combines the performance of the U.S. Army's Advanced Combat Helmet (ACH) with an enhanced shell geometry. Its unique shape provides increased rear ballistic protection, while offering increased structural rigidity and improved impact protection.

KEY FEATURES

- Hybridized layer construction with Ultra High Molecular Weight Polyethylene (UHMWPE) ballistic core
- Available in four (4) sizes, two (2) cuts, with two (2) suspension/retention options
- The Mid/Full cut provides the ideal balance between full coverage and easy comms integration
- Additional modular accessories (Front Shroud and Rails) take from Clean to Mission-Ready configuration
- Compatible with Face Shields, NVGs, Chem/Bio Masks and Communication Devices

DESIGNED TO THE FOLLOWING PERFORMANCE STANDARDS

- Modified and abbreviated NIJ 0106.01 / NIJ 0101.06 IIIA THREATS
- Modified and Abbreviated U.S. Army AR/PD 14-01, dated September 30th, 2015

PHYSICAL CHARACTERISTICS

- **AREAL DENSITY:** 1.68 lbs/ft^2 (8.20 kg/m^2)
- **THICKNESS:** 0.310 in (7.87 mm)

HELMET CUTS

MID/FULL CUT | HIGH CUT

COLORS

TAN499 | RANGER GREEN | BLACK

	SMALL	MEDIUM	LARGE	X-LARGE
CIRCUMFERENCE	< 22 ½ in (< 570 mm)	21 ¼ - 23 ¼ in (540 - 590 mm)	22 - 24 ¼ in (560 - 615 mm)	23 ¼ - 25 ⅝ in (590 - 650 mm)
COVERAGE (MID/FULL CUT)	170 in^2 (1097 cm^2)	179 in^2 (1155 cm^2)	190 in^2 (1225 cm^2)	216 in^2 (1393 cm^2)
WEIGHT* (MID/FULL CUT SHELL)	2.00 lbs (0.90 kg)	2.06 lbs (0.94 kg)	2.32 lbs (1.05 kg)	2.62 lbs (1.19 kg)
WEIGHT* (MID/FULL CUT SYSTEM)	2.88 lbs (1.31 kg)	2.98 lbs (1.35 kg)	3.26 lbs (1.48 kg)	3.59 lbs (1.63 kg)

**Weights indicated are nominal. Actual weight may vary.*

	DESIGNED TO	PERFORMED TO
PROJECTILE	**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
PROJECTILE	**V_{50} BL(P)**	
2-grain RCC	4200 ft/s (1280 m/s)	4440 ft/s (1353 m/s)
4-grain RCC	3475 ft/s (1059 m/s)	4044 ft/s (1233 m/s)
16-grain RCC	2475 ft/s (754 m/s)	2734 ft/s (833 m/s)
17-grain FSP	2200 ft/s (671 m/s)	2360 ft/s (719 m/s)
64-grain RCC	1750 ft/s (533 m/s)	1979 ft/s (603 m/s)
SHOT LOCATION	**9 mm RTP/BTD AT VELOCITY OF 1400 ft/s (427 m/s)**	
Crown	25.4 mm (1.0 in)	Pass
Left/Right	25.4 mm (1.0 in)	Pass
Front	25.4 mm (1.0 in)	Pass
Rear	25.4 mm (1.0 in)	Pass

BLUNT IMPACT

- Designed to < 150G in all locations for 10 ft/s (3 m/s) impact

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

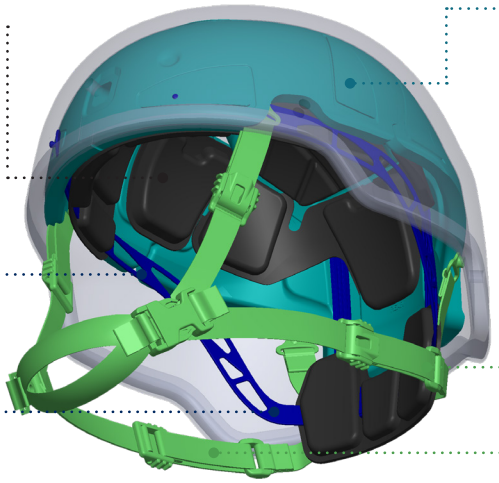
APEX LINER

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

FITBAND

- 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



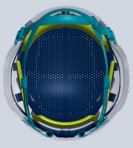
IMPACT LINER

- 2-piece full coverage impact liner with modular crown pads
- Meets U.S. Army, EN397 and other stringent blunt impact protection requirements, achieved by changing crown impact pads
- Simple, user-friendly installation and replacement

RETENTION SYSTEM

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

Hellbender TE also available with MSS



GALVION™

__WARRANTY:__ Galvion offers a 7 year warranty on Ballistic Hellbender Helmet shells and 1 year on helmet components (internal and external). Please go to __www.galvion.com/warranty__ for the complete limited warranty. The Hellbender 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.