



MISSION CRITICAL BALLISTIC SOLUTIONS



MODEL:

AIRE II

DESCRIPTION:

U.S. ARMY NEXT GENERATION
ADVANCED COMBAT HELMET.
THE LIGHTEST IN THE FIELD.

Proudly introducing the next generation of ballistic head protection. The ArmorSource Aire II Helmet solution is the lightest version of the U.S. Army Advanced Combat Helmet (ACH / LWACH) on the market. Designed to minimize weight burden, the Aire II has effectively reduced the weight of the traditional ACH helmet by more than 30% and that of LW-ACH helmets by more than 15%. All while exceeding the ballistic protection of the Lightweight ACH category as a whole, thanks to our proprietary materials and superior development capabilities.

FEATURES

PROVIDES EXTREMELY HIGH BALLISTIC PROTECTION against a wide spectrum of small fragments as well as handgun projectiles

EXTREMELY COMFORTABLE due to its light weight and flexible pad system

Utilizes **INDUSTRY LEADING BALLISTIC TECHNOLOGY**

UTILIZES THE ACH/MICH SHAPE used and accepted by the United States and other military organizations worldwide

Available in **BOLTED AND BOLTLESS** Versions

COMPATIBLE WITH ALL ACH accessories and devices

Proudly **MADE IN THE USA**

SYSTEM SNAPSHOT

SHAPE/DESIGN	U.S. Army ACH Geometry
SHELL CONSTRUCTION	Proprietary blend of Polyethylene and Composite Materials
BALLISTIC PROTECTION	AR/PD 14-01; NIJ level IIIA
FRAGMENT PROTECTION	17 grain V50 > 2400 f/s (732m/s) in accordance with AR/PD 14-01
9MM BFD/TRAUMA	9-mm RTP/BFD < 1" average
ENVIRONMENTAL / MECHANICAL STANDARD	U.S. Army AR/PD 14-01
CERTIFICATION	From an NIJ certified laboratory
AVAILABLE HEAD SIZES	X-Small / Small / Medium / Large / X-Large / XX-Large
AVAILABLE SHELL SIZES	Small / Medium / Large / X-Large
EXTREME TESTING CONDITIONS	Performs under temperature between 160 °F (71°C) and -60°F (-51°C); Performs after 3 hours sea water immersion
CONFIGURATION	100% Boltless (Durability Verified)
USE	Special Units; Military Troops



AVAILABLE COLORS



RANGER GREEN

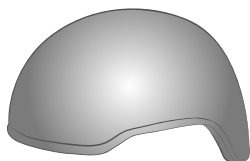


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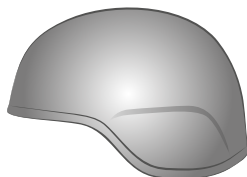


COYOTE BROWN

AVAILABLE CUTS



HIGH-CUT



REGULAR-CUT

SHELL INFO

SHELL THICKNESS	0.3" (±0.1") / 8 mm (±2.5mm)
FINISHED SHELL NOMINAL WEIGHT*	Medium 0.84 kg (1.8 lbs); Large 0.9 kg (2.0 lbs); X-Large 0.95 kg (2.1 lbs)
NOMINAL SURFACE AREA*	M - 1,037 cm ² (161 in ²); L - 1,081 cm ² (168 in ²); XL - 1,208 cm ² (187 in ²)
NOMINAL AREAL DENSITY	7.2 kg/m ² (1.58 lbs/ft ²)

SYSTEM INFO

FINISHED HELMET NOMINAL WEIGHT **	Medium 1.02 kg (2.2 lbs); Large 1.08 kg (2.4 lbs); X-Large 1.13 kg (2.5 lbs)
FULLY LOADED HIGH-CUT NOMINAL WEIGHT ***	Medium 1.11 kg (2.4 lbs); Large 1.17 kg (2.6 lbs); X-Large 1.21 kg (2.7 lbs)

* Regular-cut shell ** A Regular-cut helmet installed with retention and suspension systems *** Special Command configuration: the complete kit, with ASR side-rails, NVG Shroud and Operational Loop System



HIGH-CUT



REGULAR-CUT



REGULAR-CUT / NO ACCESSORIES

CONFIGURATION COMPONENTS



AIRELINK PRIME
DIAL RETENTION SYSTEM



AIRESUPPORT PRIME
SUSPENSION SYSTEM



AIRERAIL



AIREMOUNT



OPERATIONAL LOOP SYSTEM

SYSTEM CAPABILITIES CHECKLIST

BALLISTIC PERFORMANCE*		ENVIRONMENTAL PERFORMANCE*		COMPATIBILITY AND ADD-ONS*			
U.S. ARMY ACH GEN II SPECS	✓	U.S. ARMY ACH SPECS	✓	UNIVERSAL SIDE-RAILS	✓	STRAP EXTENDERS	✓
NIJ LEVEL IIIA	✓	BLUNT IMPACT	✓	NVG MOUNT	✓	VISOR/GOGGLES	✓
FRAGMENTATION PROTECTION	✓	COMPRESSION RESISTANCE	✓	OPERATIONAL LOOP SYSTEM	✓	COMMUNICATIONS / EAR PROTECTION	✓
BFD / TRAUMA	✓	ACCELERATED AGING	✓	COUNTERWEIGHT	✓	GAS MASK	✓
EXTENDED 17 GRAIN VELOCITY	✓	FLAMMABILITY	✓	CAMOUFLAGE COVER	✓	CARRYING BAG	✓
		ADVANCED BOLTLESS ADHESIVE SYSTEM	✓				
		IMPACT RESISTANT	✓				

* In accordance with ArmorSource technical specifications and applicable standards

AVAILABLE ACCESSORIES



COUNTERWEIGHT



HELMET COVER



CARRYING BAG



STRAP EXTENDER

PROVEN TO PROTECT

REGISTERED ISO 9001:2015