

E3 Lightweight Aviation NVG

ASU^{INC.}

ASU's new E3 is the lightest U.S.-made aviation night vision goggle—**over 30% lighter than the AN/AVS-9**—featuring advanced image intensification, intuitive controls & superior look-under and look-around visibility.



IMPROVED DESIGN & PERFORMANCE

- 30% lighter than currently fielded systems
- Lower total helmet weight reduces neck strain - 390 gram NVG
- Durable, military-grade aluminum & titanium construction
- Highly intuitive adjustment & innovative front focus
- Collimation set for life
- Backward compatible with legacy ANVIS mounts & battery packs
- Less maintenance due to fewer parts
- Highest available EM I/EMC shielding
- Increased eye relief
- Greater unaided look-under, look-around viewing
- High FOM, GEN III white phosphor image technology
- Patented technology and design

LIGHTER - EASIER - SUPERIOR

Goggle Kits

E31001W-1 UNLIM FOM MIN 2376, White, AERONOX®
E31601W-1 1600 FOM 1400-1600, White, AERONOX®
E31801 W-1 1800 FOM 1600-1800, White, AERONOX®
E32001 W-1 2000 FOM 1800-2000, White, AERONOX®
E32201 W-1 2200 FOM 2000-2200, White, AERONOX®



TSO APPROVED

NAME
E3

DESCRIPTION
E3 LIGHTWEIGHT NVG



SPECIFICATIONS

E3 LIGHTWEIGHT NVG

ASU INC.

Optics	Magnification	1x
	Field of View (FOV)	40° (+ or - 2°)
	Objective Lens (focus range)	15cm to Infinity
	Effective Focal Length (EFL)	27mm (+ or - 0.50mm)
	Interpupillary Adjustment	51mm to 72mm
	Eye Piece Eye Relief	32mm
	Diopter Adjustment	+2 to -4
Physical Characteristics	Size	-11.6cm L x -8.9cm W x -5.46cm H
	Weight (Binocular)	390 grams
	Vertical Adjustment	Compatible with adjustment in helmet mount
	For/Aft Adjustment	27mm
	Tilt Adjustment	+ or -14°
	Objective Adjustment	9g - 15g
	Automatic Breakaway	Objective Adjustment
	Mounts	Multiple Helmet Mount Adapters Available
Warranty	Low Profile Battery Pack	Battery Pack weight with batteries (4M) = 235 grams
	Housing & Tube	System 2 Years
Standard Equipment	<ul style="list-style-type: none">• Goggle with Class B Lens• Operation Manual• Soft Carry Case• Air Worthiness Log	<ul style="list-style-type: none">• AERONOX® Battery Pack• AERONOX® Helmet Mount• Lens Paper• Lens Cap Assembly
	<ul style="list-style-type: none">• Spare Battery + Parts Kit• Lens Brush• Shipping and storage case• Training, Operator and Maintenance• Clip-on Power Supply	<ul style="list-style-type: none">• Mount Assembly, Quick Don• Mount Assembly, SPH-SCG• Mount Assembly, Banana (HGU/SSP)• Mount Assembly, Standard V1A• Mount Kit, Alpha Helmet
Available Accessories		

Specifications subject to change without notice.

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