

AN/AVS-9

Green Phosphor



AVIATION SPECIALTIES UNLIMITED, INC.
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ASU's AN/AVS-9 night vision goggle allows you to always complete your objective, even in poor lighting conditions.

GEN III GREEN PHOSPHOR



FEATURES

- ▶ Available with Class A, B, or C "Leaky Green" Objectives.
- ▶ Enhanced image clarity and quality which results in increased depth perception.
- ▶ Exceptional high-light performance due to auto-gating.
- ▶ Improved low-light performance and increased FOM.
- ▶ Fully compatible with aircraft NVIS lighting systems.
- ▶ FAA and EASA Flight Certifications.
- ▶ Fully compliant with RTCA DO-275 (Minimum operational performance standards for integrated night vision imaging system equipment).

PRODUCT IN USE



PART NUMBER	DESCRIPTION
9S 1400-BFGD0	1400 FOM, CLASS B OBJECTIVE LENS
9S 1600-BFGA0	1600 FOM, CLASS B OBJECTIVE LENS
9S 1800-BUGA0	1800 FOM, CLASS B OBJECTIVE LENS
9S 2000-BUGA0	2000 FOM, CLASS B OBJECTIVE LENS
9S 1001-BUGA0	UNLIMITED FOM, CLASS B OBJECTIVE LENS



SPECIFICATIONS – AN/AVS-9 GREEN PHOSPHOR



Optics	Magnification	1x	
	Field of View (FOV)	40 deg	
	Objective Lens	27 mm (1.1 in)	
	Interpupillary Adjustment	25 - 27 mm (2 - 2.8 in)	
	Eye Relief	25 mm (1.0 in)	
	Diopter Adjustment	+2 to -6	
Gen III Image Intensification Tube	9S 1400 BFGD0	FOM: 1400	
	9S 1600 BUGA0	FOM: 1600	
	9S 1800 BUGA0	FOM: 1800	
	9S 2000 BUGA0	FOM: 2000	
	9S 1001 BUGA0	FOM: Unlimited	
Power	Power Source	Low Profile Battery Pack (LPBP) with 4AA batteries (2AA primary, 2AA alternate)	
		Cable from Aircraft Power Converter into Low Profile Battery Pack	
	Warning Indicator	Red LED activates on mount at approximately 30 minutes battery life remaining	
Physical Characteristics	Size	11.6 cm L x 13 cm W x 8.9 cm H (4.6 in L x 5.1 in W x 3.5 in H)	
	Weight (Binocular)	535 grams	
	Vertical Adjustment	25 mm Min (1 in)	
	Fore/Aft Adjustment	27 mm Min (1.1 in)	
	Tilt Adjustment	10 deg Min	
	Objective Adjustment	3/4 turn (338 deg)	
	Automatic Breakaway	11-15 g	
	Mounts	Multiple Helmet Mount Adapters Available	
	Low Profile Battery Pack	Battery Pack weight with batteries (4AA) = 235 grams	
Warranty	Housing & Tube	1 YEAR	
Standard Equipment	› Goggle with Class B Lens › Operation Manual › Soft Carry Case › Low Profile Battery Pack	› Low Profile Battery Pack Mounting Kit › Helmet Mount (Quick Disconnect) › Lens Paper › Neck Cord	› Air Worthiness Log › Shipping and Storage Case › Lens Cap Assembly › Battery Cartridges
Available Accessories	› Spare Battery › Case Assembly › Filter, Daylight Training › Lens Brush › Low Profile Battery Pack	› Mount Assembly, Quick Don › Mount Assembly, SPH-5CG › Mount Assembly, Banana (HGU/55P) › Mount Assembly, Standard V1A › Training, Operator and Maintenance	› Mount Kit, Alpha Helmet › Clip-on Power Supply › Spare Parts Kit

Specifications subject to change without notice.

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