

Military-Grade AN/AVS-9 White Phosphor



AVIATION SPECIALTIES UNLIMITED, INC.
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The military-grade GEN III white phosphor AN/AVS-9 is the most advanced TSO aviation night vision goggle on the market. The improved performance provides the **highest image clarity** and **best low-light response** available.



TSO APPROVED



FEATURES & BENEFITS

- › Enhanced image clarity and quality for increased depth perception
- › Improved low-light performance
- › Exceptional high-light performance due to auto-gating
- › Fully compatible with aircraft NVIS lighting systems
- › FAA TSO C164a approved & EASA approved
- › Fully compliant with RTCA DO-275 (Minimum operational performance standards for integrated night vision imaging system equipment)
- › TSO approved, Aeronox® Mount and Battery Pack available for aviation standard flight helmets

PRODUCT IN USE



SPECIFICATIONS – MILITARY-GRADE WHITE PHOSPHOR AN/AVS-9



Optics	Magnification	1x
	Field of View (FOV)	40 deg
	Objective Lens	27 mm (1.1 in)
	Interpupillary Adjustment	51 - 72 mm (1 - 2.8 in)
	Eye Relief	25 mm (1.0 in)
	Diopter Adjustment	+2 to -6
*TSO kits available	9S1670 BFWA 9S1870 BFWA 9S2070 BFWA 9S1005 BUWA	TSO 1600 FOM, White Phosphor, Autogated TSO 1800 FOM, White Phosphor, Autogated TSO 2000 FOM, White Phosphor, Autogated TSO Minimum FOM: 2376, White Phosphor, Autogated
Power	Power Source	Aeronox® Battery Pack with 4AA batteries (2AA primary, 2AA alternate)
	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	Aeronox® Mount and other helmet mount adapters available
	Battery Pack	Aeronox ® Battery Pack with counterweights
Warranty	Tube - 2 YEARS System - 1 YEAR	
Standard Equipment	› Goggle with Class B Lens › Operation Manual › Soft Carry Case › Aeronox® Battery Pack	› Aeronox® Helmet Mount › Lens Paper › Neck Cord › Air Worthiness Log › Lens Cap Assembly
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 › Neck Cord › Mount Kit, Alpha Helmet › Clip-on Power Supply › Spare Parts Kit › Low Profile Battery Pack Mounting Kit › Shipping and Storage Case › Battery Cartridges

Specifications subject to change without notice.

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