

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.



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	TSO 1600 FOM, White Phosphor, Autogated	
	9S1870 BFWA	TSO 1800 FOM, White Phosphor, Autogated	
	9S2070 BFWA	TSO 2000 FOM, White Phosphor, Autogated	
	9S1005 BUWA	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	› Aeronox® Helmet Mount	› Air Worthiness Log
	› Operation Manual	› Lens Paper	› Lens Cap Assembly
	› Soft Carry Case	› Neck Cord	
	› Aeronox® Battery Pack		
Available Accessories	› Spare Battery	› Mount Assembly, Quick Don	› Mount Kit, Alpha Helmet
	› Case Assembly	› Mount Assembly, SPH-5CG	› Clip-on Power Supply
	› Filter, Daylight Training	› Mount Assembly, Banana (HGU/55P)	› Spare Parts Kit
	› Lens Brush	› Mount Assembly, Standard V1A	› Low Profile Battery Pack Mounting Kit
› Low Profile Battery Pack	› Training, Operator and Maintenance	› Shipping and Storage Case	
	› Neck Cord	› Battery Cartridges	

Specifications subject to change without notice.

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