

# 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



<b>Optics</b>	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	
<b>*TSO kits available</b>	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	
<b>Power</b>	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	
<b>Physical Characteristics</b>	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	
<b>Warranty</b>	Tube - 2 YEARS   System - 1 YEAR		
<b>Standard Equipment</b>	<ul style="list-style-type: none"> <li>› Goggle with Class B Lens</li> <li>› Operation Manual</li> <li>› Soft Carry Case</li> <li>› Aeronox® Battery Pack</li> </ul>	<ul style="list-style-type: none"> <li>› Aeronox® Helmet Mount</li> <li>› Lens Paper</li> <li>› Neck Cord</li> </ul>	<ul style="list-style-type: none"> <li>› Air Worthiness Log</li> <li>› Lens Cap Assembly</li> </ul>
	<b>Available Accessories</b>	<ul style="list-style-type: none"> <li>› Spare Battery</li> <li>› Case Assembly</li> <li>› Filter, Daylight Training</li> <li>› Lens Brush</li> <li>› Low Profile Battery Pack</li> </ul>	<ul style="list-style-type: none"> <li>› Mount Assembly, Quick Don</li> <li>› Mount Assembly, SPH-5CG</li> <li>› Mount Assembly, Banana (HGU/55P)</li> <li>› Mount Assembly, Standard V1A</li> <li>› Training, Operator and Maintenance</li> <li>› Neck Cord</li> </ul>

Specifications subject to change without notice.

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