AVIATION SPECIALTIES UNLIMITED, INC.

GEN III GREEN PHOSPHOR

The binocular is based upon the U.S. DOD's AN/AVS-9

PERFORMANCE

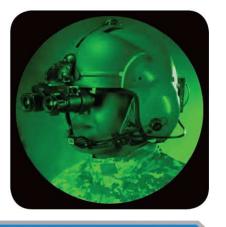
- Enhanced image clarity and quality which results in increased depth perception
- Exceptional high-light performance due to auto-gating
- Improved low-light performance and increased FOM

BENEFITS

- Available with Class A, B, or C "Leaky Green" Objectives
 - Fully compatible with aircraft NVIS lighting systems
- Mounting systems available for Gentex, Alpha, Gallet, and other flight helmets
- FAA & EASA Flight Certifications
- Fully compliant with RTCA DO-275 (Minimum operational performance standards for integrated night vision imaging system equipment)
- 180 Day service and repair via our FAA Certified Part 145 repair station

OPERATIONS

- MILITARY / PARA-MILITARY
- EMERGENCY MEDICAL SERVICES
- LAW ENFORCEMENT
- SECURITY
- SEARCH AND RESCUE
- BORDER PATROL
- AGRICULTURE / MOSQUITO ABATEMENT











AN AVS-9 (M949™)



AN/AVS9 GREEN PHOSPHOR TECHNICAL SPECIFICATIONS

	FEATURES	M949 (AN/AVS-9)
OPTICS	MAGNIFICATION	1X
	FIELD OF VIEW (FOV)	40 deg
	OBJECTIVE LENS	27 mm (1.1 in)
	MINIMUM FOCUS DISTANCE	25 cm (9.8 in)
	EYE RELIEF	25 mm (1.0 in)
	DIAOPTER ADJUSTMENT	+2 to −6
GEN III IMAGE INTESIFICATION TUBE	9S1400 9S1600 9S1800 9S2000 9S1001	1400 FOM, Green Phosphor, Not Autogated 1600 FOM, Green Phosphor, Autogated 1800 FOM, Green Phosphor, Autogated 2000 FOM, Green Phosphor, Autogated Unlimited FOM, Green Phosphor, Autogated
POWER	POWER SOURCE	Low Profile Battery Pack (LPBP) with 4AA batteries (2AA primary, 2AA alternate)
	WARNING INDICATOR	Cable from Aircraft Power Converter into Low Profile Battery Pack 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 GREAKAWAY	11 - 15 g
	MOUNTS	Multiple Helmet Mount Adapters Available
	LOW PROFILE BATTERY PACK	Battery Pack 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 Airworthiness Log Shipping & Storage Case Lens Cap Assembly Battery Cartridges
AVAILABLE ACCESSORIES	 Spare Battery Case Assy Filter, Daylight Training Lens Brush Low Profile Battery Pack (LPBP) 	
Specifications subject to change without notice NOV 2016		

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