



NVAG™

Rev.01 JUNE 11

Night Vision Aviator Goggle



The FAA TSO-C164 approved NVAG consists of a lightweight binocular, which can be mounted to a variety of helmets using the mounting adapter. Simple to operate, the system is powered by a dual-battery compartment power pack that provides the pilot with immediate reserve power. This power pack uses TSO approved AA alkaline batteries (provided).

The NVAG goggles are available with a range of image intensifier tube performance levels. These specifications combine to offer significantly improved performance for the user, regardless of the light levels. For domestic use the NVAG is equipped with DO-275 specified class B coatings on the objective lenses.

The 27mm eye-relief eyepieces consistently provide high quality imagery regardless of eyepiece positioning. Most importantly, they ensure that all air crew members retain the full 40° field of view, even those who wear prescription corrective lenses. The binocular also provides individual interpupillary adjustment. This simplifies the task of centering the eyepiece to each eye. To maximize viewing and comfort, the NVAG also features a fore /aft adjustment over a range of 27mm and a tilt adjustment over a range of 10 degrees.

Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State, Directorate of Defense Trade Controls as proscribed in the International Traffic in Arms Regulations (ITAR), Title 22 Code of Federal Regulation, Parts 120-130.

DISTRIBUTION: Approved by DoD/OSR for public release; distribution unlimited. Copyright © JUNE 01, 2011.

GSA★Advantage! on-line shopping
www.gsaAdvantage.GOV Contract GS-07F-6054P

Nivisys Industries, L.L.C. • 400 S. Clark Drive, Suite 105 • Tempe, Arizona USA • 480.970.3222 • 480.970.3555(fax) • email: info@nivisys.com

FEATURES

- **Rugged Aluminum Construction**
- **FAA TSO-C164 Authorized**
- **High Resolution Image Intensifier for Sharper Image**
- **Higher Brightness Gain**
- **Automatic Brightness Control**
- **Individual Interpupillary Distance Adjustment**
- **27mm Eye-Relief**
- **Low Distortion Output Optics**
- **Compatible with Most Flight Helmets**
- **Compatible with Visors**
- **Class B Coated Objective Lenses (Class A and C also available)**

For more information on the NVAG or other Nivisys products call (480) 970-3222 or visit us on the web at www.nivisys.com.

Made in USA
www.nivisys.com

NVAG BASIC KIT:

- NVAG Assembly
- Hard Carrying Case
- AA Batteries (4)
- Lanyard
- Lens Caps (4)
- Lens Tissue
- Battery Cartridges (2)
- Screwdriver
- Helmet Mount
- Battery Pack
- Quick Disconnect
- Operator Manual (not shown)



SPECIFICATIONS*

- Field of View**
40°
- Magnification**
1X (unity)
- System Resolution**
≥1.3cy/mR
- Diopter Adjustment**
+2 to -6
- Interpupillary Adjustment**
Independent, 51mm to 72mm
- Vertical/Fore/Aft Adjustment**
25mm/27mm/27mm
- Tilt Adjustment**
10° minimum
- Collimation**
1° convergence/divergence
1/3° dipvergence
- Focus Range**
25cm to infinity
- Flip-Up/Flip-Down**
Button Release
- Automatic Breakaway**
10 to 15g
- Required Voltage**
2.7-3.0 Vdc, Battery (50 mA, max)
- Battery Life/Type**
40 hours/(2) AA alkaline
- Binocular Weight**
524g
- Mount Weight**
147g
- Operating Temperature Range**
-32°C to + 52°C

FEATURES



Helmet Mount
Flip-Up style.



Quick Disconnect
Attaches NVAG to visor / helmet.



NVAG Adjustments
Fully adjustable tilt, interpupillary, fore and aft.

OPTIONS



A-BAM (Optional)
Battery Module allowing for over 40 hours continuous use.

*Specifications are subject to change without notice.

