

# *Low Profile Night Vision Goggle Competitive Product Comparison*

AN/PVS-21

*The most advanced night vision goggle for sensor fusion applications in aggressive operational environments*

*Parachute Operations*

*Urban/Close Quarters Battle*

*High-Speed Vehicles (Ground, Water, Air)*

*Rough Terrain Ground Operations*

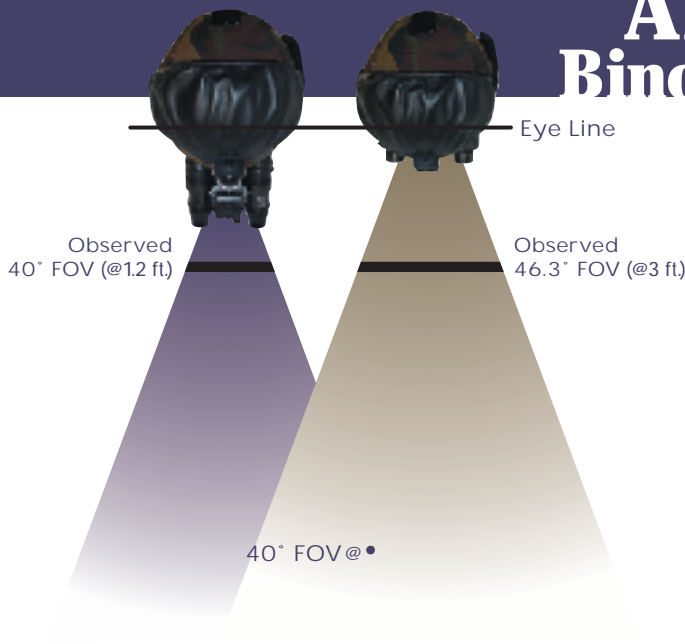
- *Low Profile enables aggressive night mobility*
- *See-Through Optics instantly transitions to bright light*
- *Rugged Design features water tight construction*
- *IR-LEDs enable zero ambient light operations*
- *Single AA Battery powers over 12 hours of use*
- *Heads Up Display (HUD) port for sensor fusion; enables overlay of GPS, FLIR, PC or vehicle systems*
- *Mountable to helmets, head straps and harnesses*

**STS** *Specialized Technical Services, Inc.* An O'Gara Company



AN/PVS-21

# AN/PVS-21 Binocular Night Vision Goggle



The AN-PVS-21 Low Profile Night Vision Goggle is the most advanced night vision goggle on the market today. Its unique rugged, low-profile binocular design provides unmatched sensor fusion capabilities in diverse, aggressive operational environments.

Below is a comparison of product features, performance and capabilities of the AN/PVS-21 and the AN/PVS-15 BNVS (ITT Model F5050, Northrop Grumman Model M953).



## AN/PVS-21

## Capabilities

## AN/PVS-15

Built-in Option

INTEGRATED HUD

NONE

Concurrent intensified and normal views

SEE-THROUGH OPTICS

NONE

Certified for static line, HALO & HAHO

PARACHUTING

NONE

165° Horizontal; 90° Vertical

PERIPHERAL VISION

NONE (with required eye cups)

Latest Gen III tubes from either U.S. mfr.

NVG TUBES

Latest Gen III tubes from one U.S. mfr.

40° at infinity; 46.3° at 3 ft.

FIELD OF VIEW

40° at all ranges

25 cm to infinity

OBJECTIVE FOCUS

25 cm to infinity

3.1 in. (7.9 cm)

PROFILE (TOTAL DEPTH)

5.4 in. (13.7 cm)

1.68 lbs. (760 g)

WEIGHT OF BINOCULAR

1.43 lbs. (650 g)

7.85 in-lb torque (13% less neck strain)

HEAD & SPINE LOADING

8.87 in-lb torque

Monoculars rotate independently out of view

STOWAGE

Flip-up out and above helmet

Fore/Aft/Tilt

ADJUSTMENTS

Fore/Aft

Ruggedized, lightweight, submersible

DURABILITY

Ruggedized, lightweight, submersible

**STS** *Specialized Technical  
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