

# F4949 Binocular Night Vision Goggle



The ITT Night Vision F4949 binocular utilizes aviation standard optics and high resolution Gen III F9800 image intensifier tubes. This binocular has outstanding performance because each eye receives a unique image giving greater clarity than can be obtained from single-tube devices. With a different image in each eye, it is easier to judge distances and relative motion so that ground-based and sea-based applications such as driving are greatly improved.

The F4949 is the standard goggle used in commercial aviation applications. It can be hand held, head mounted or helmet mounted. When hand held the unit is powered by a single AA battery integral to the binocular. When helmet mounted, it is powered by a rear-mounted battery pack that contains two pairs of AA batteries for extended operational endurance (approximately 50 hours).

- Single AA Battery Usage
- One Year Warranty
- Detaches Easily From Mount
- Ground or Sea-based applications
- Hand, Head, or Helmet Mountable

## System Specifications

Field of View	40°
Magnification	one power (1X)
Resolution	1.3 cy/mr, min
Brightness Gain	5,000 fL/fL, min
Diopter Adjustment	-6 to +2 Diopters
Interpupillary Adjustment	51 to 72 mm - Individual knobs
Fore-and-Aft Adjustment	27mm range
Tilt Adjustment	10° min
Eyepiece Lens EFL	27mm
Objective Lens EFL	25mm, f/1.23, T/1.35
Focus Range	41cm to infinity
Power Source	1 AA Battery or 4 AA Battery External Pack
Weight	550 grams
Size	4.5"L x 2.5"W x 2.75"H

### Standard Accessories:

Carrying Case, Lens Caps, Lens Paper, Operator's Manual, Neckcord, and Low Profile Battery Pack (rotary wing versions).

### Optional Accessories:

Battery Pack Adapter, Low Profile Battery Pack (fixed-wing versions) and Clip on Power Supply.



**ITT** | **Night Vision**

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

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