



# ELF-9

## BINOCULAR NIGHT VISION GOGGLES

The ELF-9 serves as a standard pilot night vision device and offers clear night vision images to enhance the safety and efficiency of night flight missions. The device complies with Class B NVIS standards, fully compatible with airborne night vision lighting systems.

### KEY FEATURES



#### FULL COMPATIBILITY WITH CLASS B NVIS

Fully compatible with airborne night vision lighting systems without light interference.



#### HIGH-PERFORMANCE OPTICAL KIT

Excellent low-light resolution and clear imaging in low light conditions.



#### COMPACT AND LIGHTWEIGHT BODY

A compact structure with a weight of approx. 500 g.



#### MULTIPLE POWER SUPPLIES

It supports multiple power supply modes for flexible switching.

1



2



3



TECHNICAL DATA

| Optical General        |                                           | Physical               |                                                       |
|------------------------|-------------------------------------------|------------------------|-------------------------------------------------------|
| Magnification          | 1×                                        | Dimensions (W × H × D) | 110mm×108mm×90mm                                      |
| Focus Range            | 350mm ~ +∞                                | Weight                 | 510g(Main unit)+80g(Bracket)<br>+250g(Battery holder) |
| Focal Length           | 27mm                                      | Power Supply           |                                                       |
| FOV                    | 40°                                       | Battery Type           | battery holder (2×18650)                              |
| Film Layer             | Class B Aviation                          | Battery life           | >60h                                                  |
| Image Intensifier Tube |                                           | Environmental          |                                                       |
| Tube Type              | GEN2+ / GEN3 (Optional)                   | Immersion              | IP67                                                  |
| Resolution             | 18 mm (3-wire, 10160, 11769-without EGAC) |                        |                                                       |
| Phosphor               | White                                     |                        |                                                       |
| FOM                    | FOM1800                                   |                        |                                                       |
| Adjustment range       |                                           |                        |                                                       |
| Vertical               | ±11mm                                     |                        |                                                       |
| Horizontal             | ±12mm                                     |                        |                                                       |
| Slope                  | ±5°                                       |                        |                                                       |
| Eyepiece               |                                           |                        |                                                       |
| Exit Pupil Distance    | 25mm                                      |                        |                                                       |
| Diopter                | -6 ~ +2D                                  |                        |                                                       |
| Spacing                | 52~72mm                                   |                        |                                                       |

ACCESSORIES

1

BATTERY PACK+CABLE



2

MOUNTING BRACKET





WHITE  
NIGHT VISION MODE