

SERHAT

AVIATION NIGHT VISION GOGGLES



SERHAT (Aviation Night Vision Imaging System) binocular night vision goggles deliver outstanding performance and depth perception even in the most challenging low-light conditions with its premium fast objective lens design. Thus, it provides sufficient vision for a pilot to complete night time missions down to starlight and extreme low light conditions. It is an elite dual tube night vision goggle which offers the user total depth perception.

It has an ergonomic low-profile and compact design that offers superior situational awareness with an easy-to-use interface controls including inter-pupillary and vertical/fore aft/tilt adjustments.

SERHAT significantly expands the operational mission capability of helicopter crews.

General Data	
Objective Lens	F/0.95 or F/1.2
Optical Magnification	1X
FOV	40°
Min. Focus Distance	25 - ∞
Diopter	-6, +2
Eye Relief	25 mm
Monocular Axis Movement Distance	48-76 mm
Objective Lens Filter	Modifiable (A,B,C class and 645 nm)
Weight	<600 g (21.16 oz)
Tube	Min. 1800 FOM White Phosphor, GEN III
Resolution	min. 68 lp/mm
SNR (Signal Noise Ratio)	min. 25
Battery	External Battery Pack

Environmental Data	
Operating Temperature Range	-32° C to +49° C (-26° F to +120° F)
Storage Temperature Range	-40° C to +71° C (-40° F to +160° F)

■ Other MIL-STD-810G tests are applicable. Please contact us for detailed information.

Contact 3E for product codes and SKUs.



KEY FEATURES

- **PREMIUM FAST F/0.95 OBJECTIVE LENS**
For increased sensitivity even in the most challenging low-light conditions
- **HIGH-QUALITY OPTICAL COMPONENTS**
High-quality optics for exceptional performance in low-light conditions
- **SHARP AND CLEAR IMAGES EDGE-TO-EDGE**
The performance-optimized optical design provides sharp and clear images edge-to-edge
- **COMPLIANT WITH COCKPIT LIGHTING**
Available with Class A, B and C filters
- **MULTIPLE HELMET-MOUNT OPTIONS**
Adaptable to different helmets in line with the demands of the user
- **SMOOTHER FOCUS ADJUSTMENT**
Clearer images with a more precise focus adjustment
- **ROBUST AND RELIABLE BODY DESIGN**
Robust and reliable design to maintain functionality, usability, ergonomics and performance



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