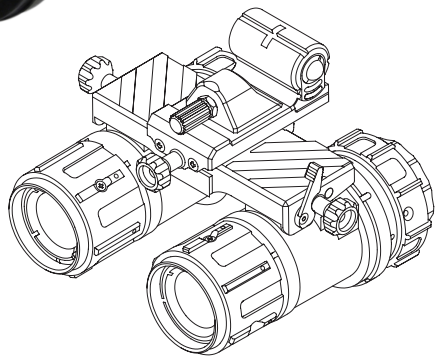
PNVG-40

PILOT NIGHT VISION GOGGLES

P43 *(Green)*

P45 *(White)*



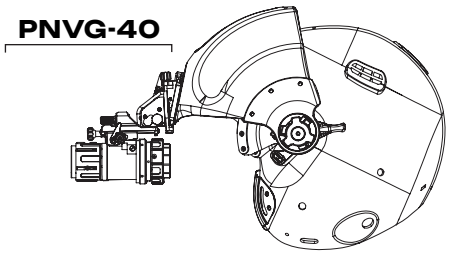
GENERAL FEATURES

PNVG-40 is a night vision goggle system specially developed for pilots. It delivers high performance in low-light environments such as moonlight or starlight. Its wide field of view enhances maneuverability, particularly in helicopters, providing reliable use for reconnaissance, surveillance, search and rescue, and low-altitude flight missions.

Its ergonomic design allows easy adjustment of interpupillary distance, vertical position, fore-aft positioning, and tilt. Manual Gain Control (MGC) enables precise brightness adjustment, reducing glare and improving detail visibility. With its lightweight, durable construction and compliance with military aviation standards, the PNVG-40 offers comfort and reliability across all air platforms.

SPEC SUMMARY

Usage	Pilot Helmet
Field of View	40°
Eye Relief	25mm
Optical Magnification	1X
Image Color *(Optional)*	P43 *(Green)* / P45 *(White)*
Image Intensifier Tube	FOM *(Optional)* 1600 / 1800 / 2000 / 2200
Environmental Standards	MIL-STD 810G-H



OPERATING TIME
≥100h

WEIGHT
<580g

DIMENSIONS (mm)
140 x 115 x 95

**Performance values are based on moonlight conditions; actual image intensifier tube performance may vary due to ambient illumination level and environmental factors.*
**A tolerance of ±10% applies to all parameters.*