

ANVG

Aviator night vision goggle



The ANVG Aviators Night Vision Goggle is a helmet mounted, double Tube, Image intensifier Night Vision System that provides night flight/navigation ability for a various types of aircrafts. The double Tube system provides superior depth perception. It utilizes Gen III Image Intensifier Tube with integrated power supply, which provides bright source protection to guard against exposure to high levels of light. The ANVG is compatible for most flight helmets. The goggle can be stowed in a position when not in use. Each eyepiece can be individually focused as well as an adjustment of flip-up eye-span for an individual user. Lightweight, ridged and well balanced, ANVG is powered by the battery pack. The battery pack is attached at the rear of the helmet and serves as a counter balance fir the weight of the goggle on the front of the helmet.

Parameter	Value
• Image Intensifier Type	Generation III
• Field of view	40°
• Magnification	X1
• Objective lens / Focal Length	27mm
• Objective lens / F#	1.23
• Minus blue filter	Class A (class B and C optional)
• Minimum resolution (Cy/mr)	0.95
• Minimum brightness gain (fl/fl)	2800
• Image Intensifier minimum resolution	64-72 lp/mm
• Image Intensifier Tube Signal to Noise	23
• Eyepiece lens FFL	27mm
• Eye relief	25mm
• Diopter adjustment	+2 to -6
• Interpupillary adjustment	52 to 72
• Vertical adjustment	18mm (25mm option), range
• Fore-and-Aft adjustment	27mm, range
• Tilt adjustment	10° minimum
• Automatic breakaway	10 to 15 g
• Weight of binocular	570gr
• Battery type	2ea, AA size, alkaline
• Operating temperature range	-32° to +52

