

REVISED

GEC AVIONICS

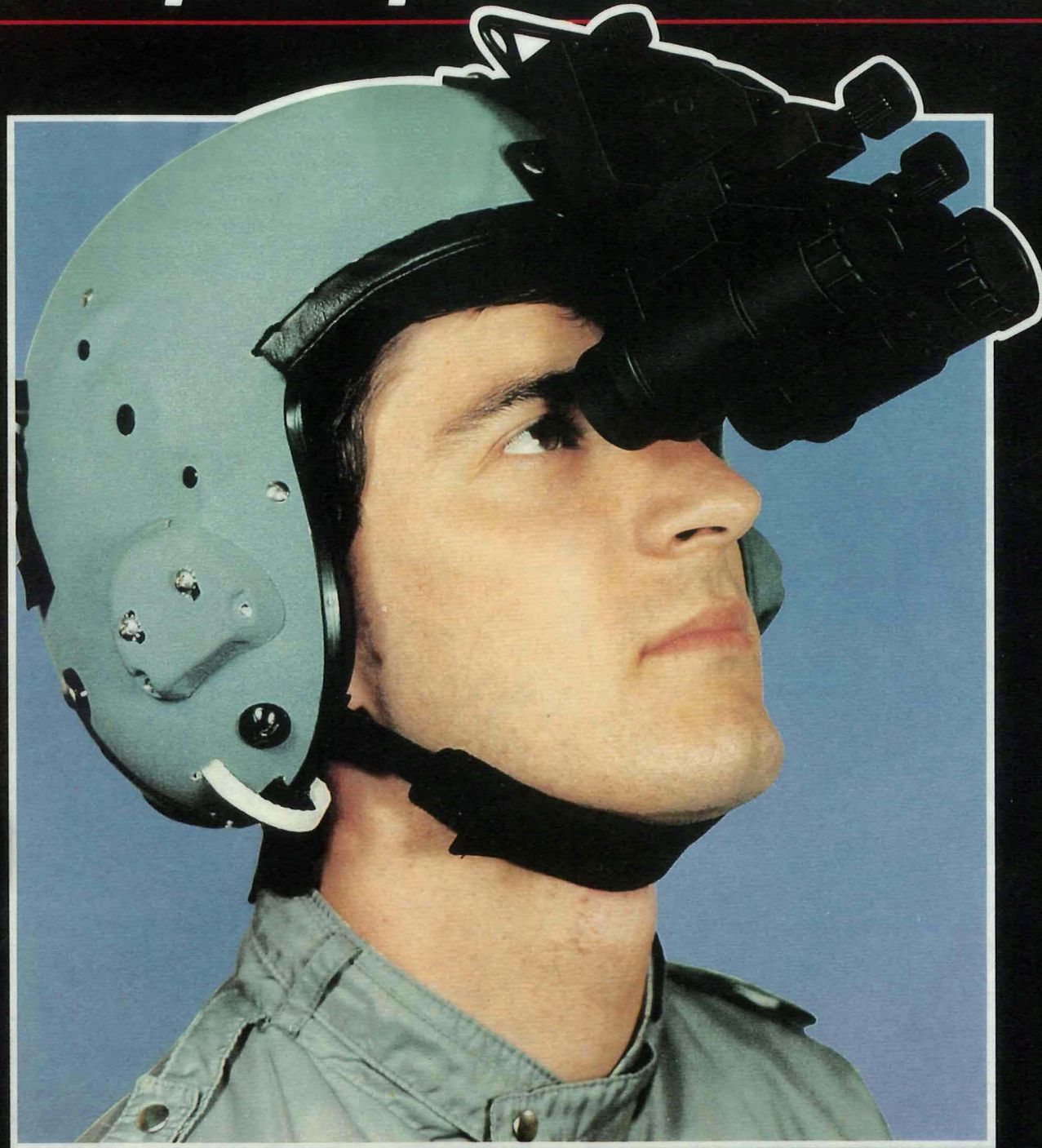
Night Owl

Night Vision Goggles



Night Owl Vision Goggles – designed for operational helicopter pilots

with significant advantages over all earlier Conventional NVG's:



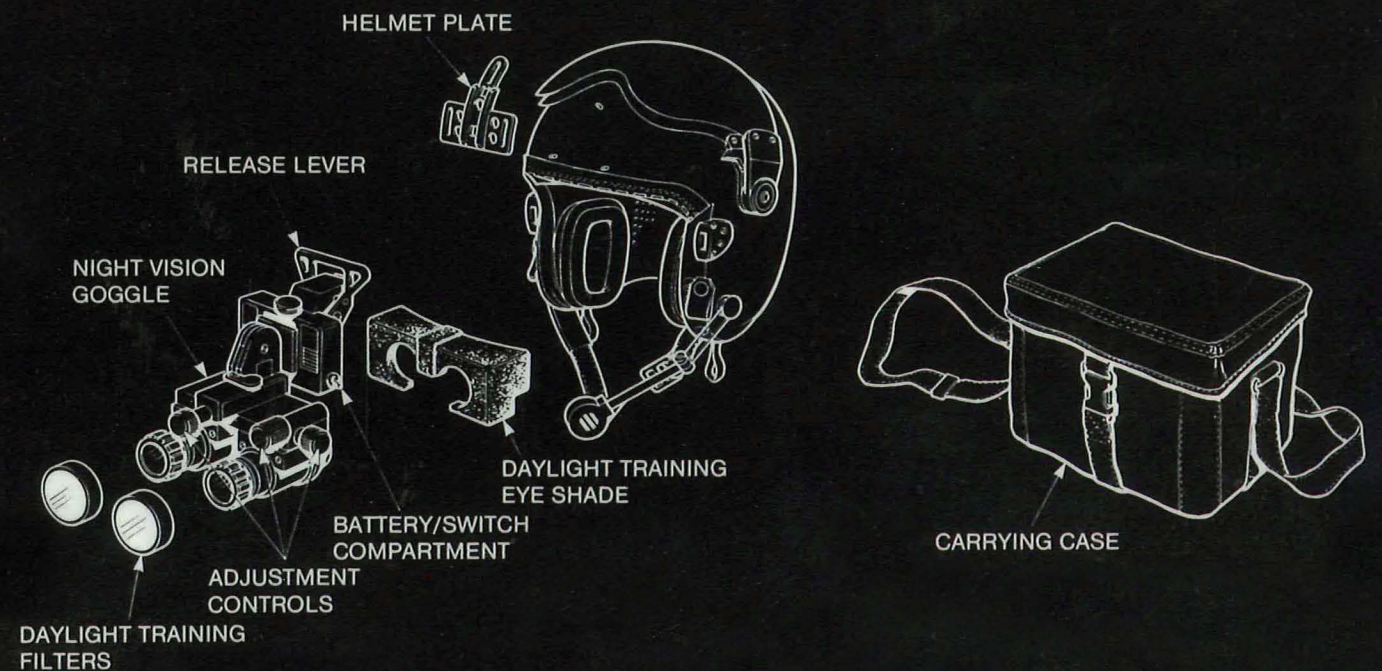
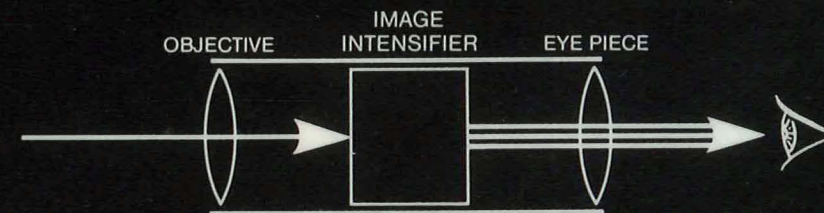
Night Owl Night Vision Goggles have been developed primarily for helicopter use but because of their design they are also fully suitable for many other varied applications. The goggles consist of two identical channels, each channel comprising an objective lens, image intensifier, and an eyepiece assembly.

The two channels interface with a cross-slide assembly which ensures correct orientation of the channels and also provides interpupillary and tilt adjustment.

The cross-slide assembly interfaces with the helmet mount which provides the fore/aft adjustment flip up capability, and vertical adjustment. Incorporated within the helmet mount is the power source of two batteries and a three position switch. The three position switch

provides power on/off and stand by power. All adjustments are so precise as to allow exact location of the channels, in all axes, in front of the operators eyes, and are designed for left hand operation with gloves worn.

The large eye-relief (distance from the eye to the rear optical surface) allows excellent peripheral vision and excellent "look under" capability for look around monitoring.



- Improved eye relief of 25 mm
- Rugged construction to withstand operational conditions
- Ease of adjustment

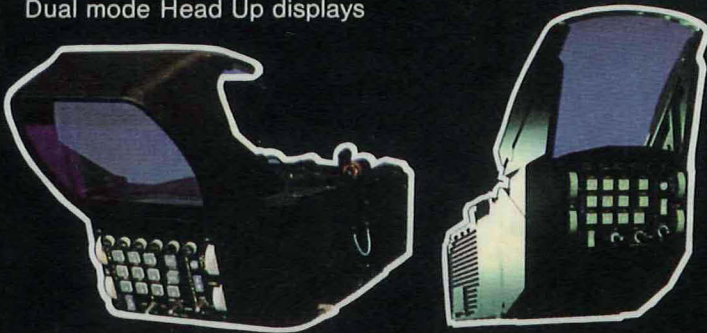
Based on Experience ...

Specification

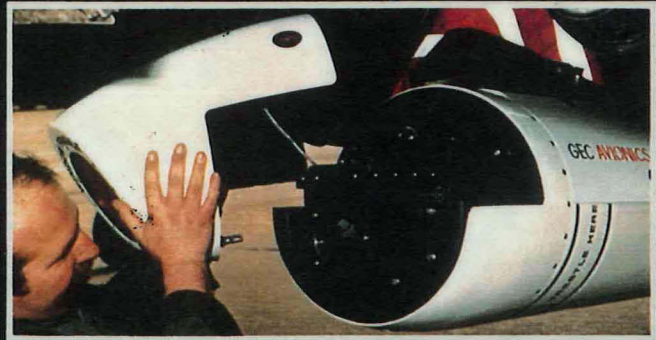
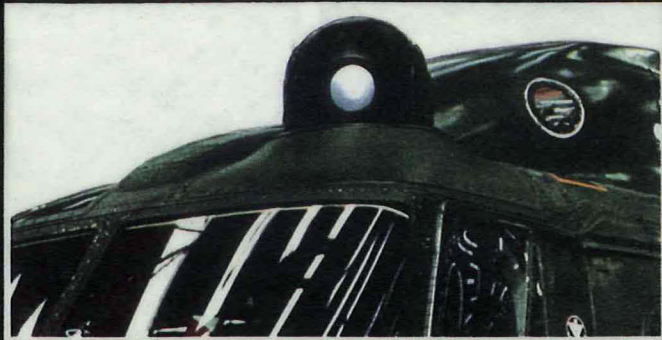
GEC Avionics is the worlds most experienced supplier of complete night vision systems:

Field of View:	40° circular
Eye Relief:	25 mm
Weight: (inc. Helmet Mount)	700 gms approx. (dependant on application)
Objective:	F1.2
Batteries:	Over 10 hours endurance (Switchable)
Adjustments:	Height Interocular Tilt Fore and Aft Focus 135° Flip Up
Image Intensifier Tubes:	Generation 2 or 3

Dual mode Head Up displays



Forward Looking Infra Red



Night Vision Goggles



GEC AVIONICS

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