



Helmet integrated Systems Ltd.

Alpha Eagle Helmet.

In use with various national air forces, the Dutch aviation police and many civil aviation corporations around the globe.

The Alpha Eagle is designed for use in helicopters and fixed wings, non-ejection seat aircraft.

Lighter and Stronger (nominal weight 980 grams).

The helmet features a strong, ultra-light construction made from epoxy resin aramid and carbon fiber, achieving the ultimate combination of light weight and high protection.



Easier to adjust.

Simple rapid adjustment of the crown, ear-cups and the nape enables the Alpha Eagle to be fitted to a wide range of head shapes and sizes with superb retention and balance. The newly designed quick release ratchet enables the nape pad to be positioned for maximum comfort and retention.

Made for comfort.

The EPS impact liner with its cushioned cloth interior is designed to inhibit the formation of moisture, improving hygiene and reducing thermal heat load.

The adjustable ear-cups provide excellent passive noise protection and lateral helmet stability.



Highly adaptable.

The basic Alpha Eagle helmet configuration adapts to meet individual requirements offering a range of equipment and options.

- >Single or double visors with clear and/or tinted screens.
- >Choice of semi-rigid visor cover and NVG compatible rigid visor cover.
- >Active noise reduction (ANR).
- >Choice of boom microphones.
- >Compatibility with on-board communications systems.
- >Four sizes and a choice of colours.

Applications.

- >Multi-function helicopter operators.
- >Law enforcement and medical emergency services.
- >Forestry and crop spraying industries.



Features.

- >Aramid/carbon/epoxy resin shell.
- >Choice of 4 sizes.
- >Unique replaceable nape pad design.
- >Rapid ratchet fit adjustment.
- >Excellent stability and low C of G.
- >Uninterrupted field of view.



Performance.

- >ANSI Z90-1 (Modified)
- >Impact protection-below 300G for a 90ft/lb (122 Joules) impact energy
- >Penetration protection – 1.8 Kg. 60 degrees striker at 1 meter.
- >Noise attenuation – over 40dB @ 4 kHz.
- >Climate - +50 degrees Celsius to -40 degrees Celsius.

Options.

- >Active noise reduction (ANR)
- >Choice of headset impedance.
- >Helmet mounted volume control.
- >Choice of aircraft communication plugs.
- >SRVC and NVG compatible RVC.
- >Choice of colors.
- >Choice of single or dual visor systems with clear or tinted versions.



Accessoires.

- >Boom microphones – dynamic and electret type.
- >Carrying bag.
- >Reflective tape.

