

Omega

LH 350

Helicopter Helmet



HIGHLIGHTS

- **Excellent weight/protection ratio:** State-of-the-art composite structure ensures highest level of performance for shock and penetration resistance.
- **Optimal adjustment ensures comfort and stability:** Three shell sizes available with customization kits.
- **Excellent Head mobility:** Special cut of the shell designed for optimal performance under flight conditions.
- **Better hearing protection:** New shape, volume and raw material of ear cups for low frequencies better attenuation.
- **Better distribution of weight:** Integrated hard cover to reduce weight and volume in the front
- **New chinstrap:** ergonomic and comfort. Include 2 straps chin cup.
- **Simplified maintenance:**
 - Visors can be removed independently without the use of tools. Easily interchangeable according to the type of mission
 - Spare parts kits readily available
 - Optimization of part numbers for all three helmet sizes
 - Electronic centralization for easier access of audio parts

Omega LH 350

Helicopter Helmet

Omega LH 350 Technical Information

Application

Flight helmet designed for pilots and crewmembers in helicopters and transport aircrafts. Protection against shocks, penetration, noise, fire, UV, relative wind.

Performances

Refer to LH 350 flight helmet Performance description File.

Product Description

Colours White, yellow, fluo orange, red, dark blue, black, matt white, matt clear grey, sand, Nato green, matt grey, dark grey, matt black, metal grey, metal blue, metal green.

Sizes 51 to 54 cm: S size
55 to 58 cm: M size
59 to 63 cm: L size.

Weight Helmet without comm. system:
S size: approx. 1260 g
M size: approx. 1310 g
L size: approx. 1410 g

Composition

Shell

High performance composite material: carbon, aramide and polyethylene + epoxy resin. Includes non-fire polyamide and polycarbonate lateral interfaces and electronic centralized box.

Finishing: Non-fire polyurethane painting (gloss, matt or metallic) and matt black for thermoplastic parts.

Impact cap

For shocks and penetration resistance: High density expanded polystyrene,

For comfort: Leather (front area) and nylon on 3mm fire retardant foam.

Visors

2 polycarbonate UV 400 anti-scratch coating visors. Adjustable and removable without any tools (integrated below visor hard cover)

- Outer visor: solar protection, adjustable with left lever (tinted green or grey),
- Inner visor: clear or yellow adjustable with right lever.

Articulated visors hard cover

High performance composite material: carbon and glass fiber + epoxy resin. Included 4 points fixation for ANVIS standard and rotation point with shell.

Finishing: composite with non-fire polyurethane painting (gloss, matt or metallic).

Hearing protection system

Composed by 2 soft polymer ear cups (noise attenuation and shock resistance). Equipped with leather comfort ear seals and position, orientation and pressure spacer pads.

Neck pad

For stability and finishing (single size): Polyurethane.

Comfort liner

Composed by a 4 areas adjustable T shape comfort liner (front, top and sides) and neck pad. Both adjustable with 3 thicknesses per area: 4, 8 and 12mm.

4 points chinstrap

20mm width non-fire strap, metal automatic buckle covered with leather and leather 2 strap chin cup.

Options

Communication system: please contact us. Other NVG support: please contact us.