

# Zero-G Helmet Upgrade Kit

**RED BARON<sup>®</sup>**

**A L S E**

**AVIATION LIFE SUPPORT EQUIPMENT**

**Proud Distributor of the  
Pro Flight Gear, LLC  
Zero-G Helmet Upgrade Kit**

# Zero-G Helmet Upgrade Kit



## Advanced Padding Materials

The fabric used in the construction of these products are designed to draw perspiration away from the head and cool the wearer through the evaporation process. Independent testing has shown the combination of the ear seals and helmet liner significantly improved impact protection to standard liners and ear seals. These products have been engineered to provide pain free flying for pilots and aircrew to ensure the focus is on the primary mission, not the fit or stability of the flight helmet.



# Zero-G Helmet Upgrade Kit

## Key Features



For use in rotary and fixed wing flight helmets

- ✔ **Improved Protection**  
Independent and DoD testing have shown that the core material of these products deliver superior blunt impact performance over OEM product.
- ✔ **Improved Comfort**  
The Pro Flight Gear upgrade kit provides significantly improved comfort over similar product, even during extended mission duration.
- ✔ **Improved Stability**  
Product provides increased stability, most notably when helmet is equipped with additional ancillary equipment such as night vision goggles.
- ✔ **Thermal Stability**  
The internal fabric of our helmet liner provides thermal regulating properties. When operating temperature is high, the liner will remain cooler. When temperature is cool, liner will help retain the heat in.
- ✔ **Anti-Microbial**  
Liners and ear seals are enhanced with permanent anti-odor and anti-microbial performance.
- ✔ **Modular Design**  
Our products will fit any US or foreign flight helmet. Upgrade now to bring new life to your old helmet.

# Zero-G Helmet Upgrade Kit



**Standard Comfort Liner**



**Alpha Clip-In Comfort Liner**

## Zero-G Helmet Comfort Liner

A drop in replacement liner to upgrade the pressure displacement and comfort of your existing flight helmet and enhance the overall fit. The suspension system (padding) is a rate and temperature sensitive material that conforms to the wearer's unique head shape. These materials are covered in a heat and moisture wicking anti-microbial fabric.

### Liner Sizes

Zero-G Comfort Liners are available in lengths of 12", 13", 14", 15", 16", 17" (all Alpha Liners are 13")

Thicknesses available in 1/4", 3/8", 1/2", 5/8"

# Zero-G Helmet Upgrade Kit



Rotary Wing Helmets



Fixed Wing Helmets



Anti-Microbial Fabric

## Zero-G Ear Seals

Pro Flight Gear Ear Seals will fit many existing aviation communications headsets and are available in 1/2", 3/4" and 1 1/8" thicknesses. The laminate structure provides optimum comfort, noise attenuation, and maximum side impact protection. The sonic interior wall allows stray noise to penetrate the interior wall and then dissipate into the ear seal's sound deadening material. This layer also provides heat and moisture wicking properties, keeping the wearer cool and dry. These products will not generate hot spots commonly associated with this type of life support equipment. The ear seals will conform around objects such as eyeglass frames and not create discomfort.

# Zero-G Helmet Upgrade Kit



## Noise Reduction Inner-Ear Cup Pads

The Ear Cup Pads can be used in conjunction with the Pro Flight Gear Ear Seals to provide heightened passive noise isolation and increase communication intelligibility. The foam pads fit into any existing flight helmet or passive aviation headset ear cup.

**For questions or orders please contact Red Baron ALSE!**



### Australia

Hangar 17  
27 John Duigan Drive  
Yarrawonga  
Victoria 3730  
+61 3 57442166