



Skull Mounting System Aircrew HGU 100/P



Step into a realm where lightweight design meets robust durability. The Ops-Core® Skull Mounting System (SMS) Aircrew (HGU 100/P) allows for integration with current AN/AVS-9 NVGs using industry mounting capabilities and an interface adapter to the SMS Modular Bungee Shroud (MBS). These systems allow for better integration of Night Vision Goggles (NVGs) with the M69 CBRN mask, mitigating the risk of leaks, as well as reducing physiologic burdens of hot spots when wearing NVGs over the CBRN mask. Made of a hybrid composite of nylon and mesh fabric, the Ops-Core Skull Mounting System with Universal Front Plate is an ultra-lightweight stable platform for attaching helmet accessories in environments where ballistic and bump protection is not required.

- **Lightweight, breathable, and stable head mounted platform**
- **One size fits most, simplifies logistics with only one size to stock**
- **Improved center of gravity when using NVGs and rear mounted battery pack**
- **Low cost of ownership**
- **Integrates with legacy communication headsets**
- **Compatible with rail mounted headsets, lights and accessories**
- **Permanent safe-to-fly applicable aircraft**
C-17, C-5, AC-130, C-130 Series, KC-46, KC-135, C-145, C-146
- **Applicable to all aircrew positions and functions**
- **Low-burden design, improved integration, modularity, scalability and compatibility**

SPECIFICATIONS

Weight: 1.19 lbs (542 g)

Available Colors:  Black

Note: All measurements are +/- 3% tolerance

PART NUMBERS

| NSN | Part Number | Description | Helmet Designation |
|------------------|-------------|--|--------------------|
| 8475-01-703-1164 | A15366-4B3 | Skull Mounting System Aircrew (LED), One Size, Black | HGU 100/P |
| 8415-01-633-9621 | 19-99-103 | Chinstrap Extender, Black | HGU 100/P |



Skull Mounting System Aircrew

MODULAR SYSTEM UPGRADES

Improve the capabilities of the Skull Mounting System Aircrew by integrating one or more of the following:

Consult your airworthiness authority before flying with the following options.

NVG Accessories: Battery Pack Wedge

- Secures attachment of NVG battery packs to the rear of the SMS
- Compatible with ANVIS 6 and 9 style battery packs

Ops-Core AMP® Communication Headset, Rail Mount Kit and Downleads

- Connectorized communication headset configured with headband
- Rail mount attachment to configure AMP to be mounted to top rail of SMS
- Downleads to interface to PTTs and ICS; Airframe ICS downlead to match 5 ohm impedance ICS
- Hear-through capability to increase situational awareness



Contact Us

For more information on the Ops-Core Skull Mounting System Aircrew contact Gentex directly at 888.894.1755 or sales@gentexcorp.com. These products are covered by one or more patents. For more information visit www.gentexcorp.com/patents.