

HGU-68/P

Fixed Wing Aircrew Helmet System



The Gentex HGU-68/P
Fixed Wing Aircrew Helmet System

Reliable Comfort and Performance

The Gentex HGU-68/P Fixed Wing Aircrew Helmet System was designed to meet the rigorous requirements of the U.S. Navy and Marine Corps in today's high-G environments. Equipped with a single visor system qualified at 600 KEAS (Knots Equivalent Air Speed) in accordance with MIL-H-85047A; the Gentex HGU-68/P offers customized comfort, stability and protection for aircrew personnel. The complete system is equipped for communications with a CX-4708A/AIC cord (modified with extended length pins), H-87B/U earphones, lightweight tapered ear cups, custom leather ear pads, ear phone holders, and ear cup spacer pads.

KEY FEATURES

Superior Helmet Geometry and Composition

The unique helmet geometry design has a front opening which cuts back in the temple regions to provide maximum peripheral vision. Pressure molded, laminated graphite and nylon Graphlon™ make up the shell's rigid and durable composite.

Sophisticated Visor System

The low profile of the single visor system prevents canopy interference with a visor lock strategically located left of center to further enhance the low profile. The latch system at the end of the visor lock guide allows for a quick change out of visors to meet specific mission requirements. An optional bungee visor system is also available for the Gentex HGU-68/P Aircrew Fixed Wing Helmet System, offering a fast way to swap visors for any mission scenario.

Cool Comfort and Stability

The Gentex HGU-68/P Fixed Wing Aircrew Helmet System comes standard with the Gentex X Liner® Helmet Comfort Liner which consists of two foam densities, one to provide stability and one that provides comfort. The absorbant cloth cover material was chosen for its resistance to bacteria, mold and mildew. The unique shape of the X Liner helps reduce "hot spots" (pressure points) while the cover provides almost 50% more heat transference to keep you cooler. Available in both ½" and ¾" thick versions, the X Liner is easy to fit, and has demonstrated improved stability of more than 45% over other comfort liners.

Ultimate Fit and Stability

The unique one piece chin and nape strap, made of nylon webbing and pads covered with leather, is integrated into the helmet. Cross straps are threaded through the nape strap pad which allow for simultaneous adjustment with the chin strap for the ideal fit and comfort, while ensuring stability and retention. Individual adjustments can also be made using the sliding clamps on the left and right chin straps.

Compatible Respiratory Protection

The Gentex HGU-68/P can be fitted with Gentex Rotatable Bayonet Receivers or Anti-Snag Receivers to secure Gentex oxygen mask assemblies, including the Gentex MBU-23/P Oxygen Mask designed specifically for the U.S. Navy.

Sound Attenuation	
Frequency (Hertz)	Decibels
125	12
250	9
500	9
1000	24
2000	27
3150	41
4000	43
6300	48
8000	46

When tested in accordance with ANSI S12.6-1984 the HGU-68/P Fixed Wing Aircrew Helmet System conforms to the sound attenuation values specified to the left.

Contact Us

Gentex is committed to designing advanced performance capabilities for worldwide aircrew personnel. For more information on the Gentex HGU-68/P Aircrew Fixed Wing Helmet System, contact Gentex at sales@gentexcorp.com or through www.gentexcorp.com to find an authorized distributor.