

HGU-84/P

Rotary Wing Aircrew
Helmet System



The Gentex HGU-84/P Rotary Wing Aircrew Helmet System

Lightweight and Low Profile Dual-Visor Design

Designed by Gentex for the U.S. Navy and Marine Corps, the Gentex HGU-84/P Rotary Wing Aircrew Helmet System provides protection and comfort in a lightweight, low-profile design. In addition to the unique bungee-style dual visor capability, the HGU-84/P easily integrates with Gentex performance enhancing accessories to provide industry leading comfort, stability, retention, and protection.

KEY FEATURES

Low Profile Design for Added Visibility

To provide maximum peripheral vision, temporal regions in the frontal opening of the HGU-84/P Rotary Wing Helmets are cut back providing a field of view that exceeds many other rotary wing helmet systems.

Light Weight and Strong for Improved Mission Performance

The unique design of the HGU-84/P provides impact protection without added weight using an advanced Styrofoam energy absorbing liner and a rigid Graphlon™ composite for the shell. The Gentex X Liner® Helmet Comfort Liner optimizes fit and comfort to further enhance mission endurance.

Dual Visor Assembly Expands Capabilities

Incorporating both an inner clear visor and an outer neutral gray visor, the visors easily attach to each other and to the helmet by means of snap fasteners. Clear, gradient, high contrast, and laser attenuating visors are also available as spares. The clear and neutral gray visors meet the requirements of MIL-V-43511 for optical performance and impact resistance. The visor lenses are abrasion resistant coated, meeting the requirements of MIL-C-83409.

Optional Visor Housings Available

Tracked dual and single-visor housing assemblies, which include a quick-disconnect night vision goggle mount, can be added to the HGU-84/P to prevent visor damage.

Integrated Chin/Nape Strap Provides Added Stability

The one-piece integrated chin/nape assembly easily threads through the helmet, adjusting at the chinstrap. Cross straps threaded through the nape-strap pad adjust simultaneously with the chinstrap to provide a snug yet comfortable fit. The chinstrap assembly withstands a strength test of 300 lbs.

Industry Leading Sound Attenuation

HGU-84/P ear cup positions can be modified using pads and spacers to optimize fit, comfort, and noise attenuation.

Sound Attenuation									
Frequency* (Hertz)	125	250	500	1000	2000	3150	4000	6300	8000
Decibels*	13	14	21	24	30	40	43	44	36

**When tested in accordance with ANSI S12.6-1984.*

Custom Communications

Leveraging its advanced communications capabilities, Gentex can customize a communications system for the HGU-84/P based on individual mission requirements.

Contact Us

Gentex is committed to designing advanced performance capabilities for worldwide aircrew personnel. For more information regarding the Gentex HGU-84/P Rotary Wing Aircrew Helmet System, including a list of our distributors, visit www.gentexcorp.com. General inquiries may be sent to sales@gentexcorp.com.