

GENTEX[®]

PURSUIT[™]

Next Generation Fixed Wing
Helmet System

A Modern Helmet for the Modern Fighter

The PURSUIT helmet system leverages its open architecture design to support multiple configurations and optimize the integration of various attachments, including HMD assemblies, without the need for aircrew to be outfitted with multiple helmets. Lighter and more comfortable than its predecessor, PURSUIT features design and technical updates to improve safety and accommodate the intense physical demands placed on aircrew.

KEY FEATURES

Superior Fit and Comfort

Fits over 99% of the anthropometric range with 4 helmet sizes and 3 module sizes for optimal comfort and stability, ensuring that every mission is executed with the highest level of confidence and precision

Future-Proof Architecture

Crafted with foresight and versatility to incorporate future capabilities, ensuring adaptability to evolving mission requirements and technological advancements

Optimized Center of Gravity

Reduced system weight and enhanced weight distribution significantly decrease neck injury potential, ensuring optimal comfort and safety during extended use

Configurable Modularity

Best-in-class helmet/HMD integration that allows for reduction in weight and improved center of gravity

SPECIFICATIONS

- **Performance Specification:** PURSUIT Helmet System Performance Spec PS-1828
- **Stability:** <4.5mm displacement under sustained acceleration of -3 G to +9 G when worn with HMDs
- **Impact Protection:** 400 G's maximum at 6 m/s
- **Penetration Protection:** < 0.25" penetration by pointed 16-oz bob
- **Ejection Hazard Protection:** 600 KEAS windblast protection in the event of an ejection



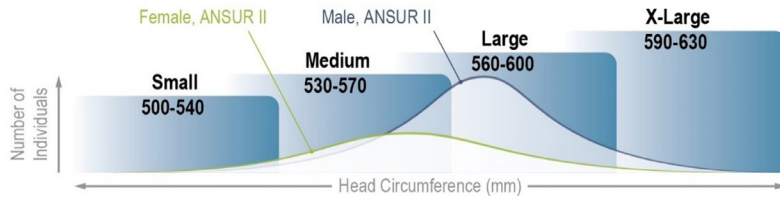
*The Gentex PURSUIT
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SPECIFICATIONS (CONTINUED)

■ Helmet Sizing



■ Helmet Weight*

| Helmet Size | S | M | L | XL |
|-------------|------|------|------|------|
| Weight | 932g | 920g | 945g | 979g |

*Helmet weights with USN SHP comms configuration
Note: All measurements are +/-3% tolerance

- **Noise Attenuation:** < 0.95 TDE in SHP when exposed to 103 dB pink noise

| Freq (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|------------------|------|------|------|------|------|------|------|
| Attenuation (dB) | 23.9 | 19.1 | 19.5 | 23.2 | 32.0 | 47.8 | 51.8 |

- **Impedance:** Compatible with 7.5 Ohm, 9.5 Ohm, and 150 Ohm speakers
- **Environmental Resistance:** Tested IAW MIL-STD-810; storage/operating at ambient, cold -60 °F, hot +160 °F, temperature shock, altitude
- **Eye (Optical) Protection:** Meets MIL-V-43511 Optics and Ballistic Impact Resistance when tested in accordance with MIL-STD-622

PART NUMBERS

HELMET SYSTEM

| Description | Part Number | |
|--|--------------|-----------|
| Fully assembled PURSUIT Slick with Single Hearing Protection (SHP) and tinted exterior visor | Size Small | A15709-01 |
| | Size Medium | A15709-02 |
| | Size Large | A15709-03 |
| | Size X-Large | A15709-04 |

SYSTEM UPGRADES & ACCESSORIES

| Description | Part Number |
|--|--------------|
| NGFW Bayonets (pair) Allows compatibility of MBU-20/P, MBU-23/P, and HA/LP | G013-2030-05 |
| NVG Shoe Provides lightweight integration of NVG to PURSUIT ANVIS plate | A15014-1 |

| Description | Part Number | |
|--|--------------|----------|
| Low-Profile Visor (LPV) Clear lens that provides NVG-compatible eye protection | Size S/M | A15515-1 |
| | Size L | A15515-2 |
| | Size XL | A15515-3 |
| Spare Visors Size Large PNs shown (S, M and XL Part Numbers upon request) | Clear | A15711-3 |
| | Tinted | A15711-1 |
| | Photochromic | A15711-2 |

Contact Us

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