



CSU-13B/P ANTI-G SUIT

Advanced G-Force Protection
for High-Performance Pilots



beaufort



Designed and manufactured in Monrovia, California, by Vinyl Technology, Inc., the CSU-13B/P Anti-G Suit is an industry-leading solution for combatting high-G forces and preventing G-induced Loss of Consciousness (G-LOC). Built to rigorous military specifications, this battle-proven flight garment is used in a wide range of high-performance combat aircraft, including the F-16 Fighting Falcon, F-15 Eagle, A-10 Thunderbolt II, and F/A-18 Hornet.

Vinyl Technology sets the standard in advanced Pilot Flight Equipment (PFE) manufacturing, leveraging cutting-edge fabrication techniques, precision engineering, and rigorous quality assurance protocols to produce mission-critical gear. Our state-of-the-art production facilities integrate automated precision cutting, advanced materials science, and stringent military-grade testing, ensuring every CSU-13B/P Anti-G Suit meets the highest performance and durability standards. As a trusted supplier to military and aerospace sectors, Vinyl Technology delivers next-generation protective solutions, engineered for superior reliability in the most extreme operational environments.

Why Choose The CSU-13B/P Anti-G Suit?

UNRIVALLED G-FORCE PROTECTION

Engineered to withstand up to 9G+, ensuring maximum safety for pilots operating in extreme maneuvers.

PRECISION ENGINEERING & MILITARY COMPLIANCE

Manufactured to MIL-DTL-83406D specifications, ensuring full compatibility with military-grade life-support systems.

PROVEN PERFORMANCE

Field-tested and currently in service with leading air forces worldwide, including the U.S. Air Force and allied nations.

ERGONOMIC FIT & TAILORED COMFORT

Available in seven different sizes, providing a secure and customized fit that enhances mobility and comfort.

MARKET-LEADING QUALIFICATION & TESTING

Each suit undergoes stringent quality control, testing, and validation, making it a trusted choice for fighter pilots worldwide.

SEAMLESS AIRCRAFT INTEGRATION

Designed with a polyurethane-coated bladder system that connects directly to the aircraft's Anti-G system for optimal performance.

Key Features & Innovations

Advanced G-LOC Prevention Technology

- High-efficiency bladder system applies controlled pressure to the abdomen, thighs, and calves, reducing blood pooling and increasing pilot endurance under extreme G-forces.
- 9G+ rated protection ensures peak physical performance in combat and high-speed maneuvers.
- Military-Grade materials for unmatched durability.
- Fire-resistant Aramid outer shell provides superior flame and heat resistance.
- Polyurethane-coated nylon bladder system ensures lightweight strength and resilience.
- Freedom Sage color (PMS 1565) meets strict military specifications for flight gear uniformity.
- Designed for comfort and functionality.
- Waist and leg slide fasteners allow for quick donning and doffing.
- Six adjustable lacing areas with protective covers ensure a secure yet flexible fit.
- Two built-in leg pockets with slide fastener closures provide convenient storage for mission-critical tools.

Optimized for Military Aircraft Platforms

Fully compatible with modern and legacy fighter jets, including:



F-16 Fighting Falcon



F-15 Eagle



A-10 Thunderbolt II



F/A-18 Hornet

Works seamlessly with onboard life-support systems, ensuring a responsive and effective G-protection experience.

Maximizing Pilot Endurance & Combat Readiness: The CSU-13B/P Advantage

Improved Pilot Endurance & Safety

Reduces fatigue and risk of G-LOC, allowing pilots to maintain full situational awareness in high-speed combat scenarios.

Maximum Maneuverability Without Compromise

Designed for comfort and agility, the lightweight construction ensures zero movement restrictions during dynamic flight operations.

Combat-Tested & Field-Proven Reliability

Used by elite fighter squadrons globally, ensuring battle-ready performance under the most demanding conditions.

Reduced Risk of Injury

Maintains proper blood circulation, minimizing physical strain and increasing pilot effectiveness in extended air combat missions.

Fast & Easy Integration

Designed for quick connections to standard aircraft Anti-G systems, ensuring plug-and-play functionality with no modifications required.

Cost-Effective, Long-Lasting Solution

Built with high-durability materials, reducing the need for frequent replacements and ensuring long-term cost efficiency.



Technical Specifications

Outer Shell Fabric	Fire-resistant Aramid cloth
Bladder Material	Polyurethane-coated nylon
Color	US Air Force Green (Freedom Sage, PMS 1565)
Manufacturing Compliance	MIL-DTL-83406E (MIL-SPEC qualified)
CAGE Code	6T584
Federal Supply Classification (FSC)	8475 (Specialized Flight Clothing)

Size	NSN
Small Regular	8475-00-545-8197
Small Long	8475-00-545-8204
Medium Regular	8475-00-545-8211
Medium Long	8475-00-550-7394
Large Regular	8475-00-545-8221
Large Long	8475-00-545-8227
Large Extra-Long	8475-00-545-8248

Ordering & Procurement

Who Can Purchase?

- Military & Government Agencies
- Aerospace Contractors
- Defense Organizations
- Qualified Aviation Suppliers

How to Order

For procurement inquiries or to request a quote, please contact:

Email: sales@vinyltechnology.com
Phone: +1 626-443-5257
Website: www.vinyltechnology.com

Lead times vary depending on order volume. Bulk and government contract options available.

Why Vinyl Technology?

With over four decades of experience, Vinyl Technology is a trusted industry leader in the design and manufacturing of military-grade personal flight equipment. As an approved Qualified Producers List (QPL) supplier, we provide certified, mission-critical protective gear that meets the highest military and aerospace standards.

By choosing the CSU-13B/P Anti-G Suit, you are investing in proven safety, superior craftsmanship, and pilot performance enhancement - ensuring total confidence in every high-speed maneuver.



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