

Long Range Powered Parafoil



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Capabilities Description

- Uses Aviation fuel within existing supply chain
- Provides:
 - Rapidly Mobile Damage Control capabilities to Surgical Field Teams;
 - Point of Incident to Role 3 care;
 - Remote medical care in austere environments;
 - Tactical Combat Casualty Care;
 - Multi-modal patient movement in contested environments
- Complies with Buy American Act
- Option for JP-8 fuel system

Description

- Powered Parafoil Specifications:
 - 500km extended range
 - 600 lb. payload capacity
 - Tandem frame and wing
 - 4-stroke engine
 - 100 LL Aviation Gasoline
- Small footprint
- Easy load and unload
- User friendly and Human Factor's optimized solution
- Identify wing design enhancements for extended flight (optimize wing design)
- Improves medical/pararescue team battlefield access
- Allows patient transport from contested environments
- Enables greater medical supply payload for resupply or pararescue operator use



Requirements Match & Benefit

- Meets Force Protection & Medical requirements of USAFRICOM, USCENTCOM, USTRANSCOM and OSD Medical Equipment Delivery in Austere Environments
- Active Army SBIR Phase II Enhancement – A151-063 Conductive Networks for Parachute Fabrics
- Active USMC SBIR Phase II, N172-100 Single Surface High Altitude Low Opening Parachute
- Completed USMC SBIR Phase I /Joint Venture as GDGS, LLC, N201-003 Powered Paraglider with Increased Capabilities
- Seeking user group meetings
- TRL 4/5 Prototype demonstrator
- SAM Registration: Complete