

Backpack Paramotor System (BPS)

Contact Information

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Capabilities Description

- Low cost, remote controlled wheeled paramotor
- Evaluation of acoustic and vibrational phenomena and effects of flight and aerodynamics of BPS system
- Demonstrate improved wing design and optimized paramotor system
- Small payload, Man portable, Easy Setup and flight
- U.S. manufactured system
- Complies with Buy American Act

Description

- Provide a means to remotely and safely provide surveillance and small package resupply
- Lower cost vehicle capable of delivering supplies while reducing risks to high-cost assets
- Improve mission success without jeopardizing the safety of airmen.
- The BPS fits within the definition of DoD unmanned aircraft.



Requirements Match & Benefit

- Force Protection & Medical requirements: 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 by end of Phase II