

**AVAILABLE
TODAY!**

GLI-PADS provide 100% GPS coverage throughout the entire cargo compartment and localized coverage on the flight deck of any medium to large transport aircraft (including the C-17 and all variants of the C130). This means carry-on military and commercial GPS receivers, including JPADS GPS guidance units, receive satellite signals inside the aircraft. A GPS receiver will experience no loss in signal coverage as it deploys from the aircraft. Teams can immediately execute their mission with no delays in GPS acquisition with **GPS Live Inside**.



The GLI-PADS Airborne/Airdrop Roll-on/Roll off GPS Re-transmission Systems is an L1/L2 fully MIL-SPEC'd and qualified system designed specifically for the demands of JPADS and Airborne missions. The system features 100% BIT coverage. This allows each hardware component to be monitored, confirming that the system is fully operational. In addition, the system provides verification of the GPS signal's strength, quality, and coverage, allowing the aircrew to focus on the critical mission at hand.

**Roll On and Permanent
Install Configurations**

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Technical Features

- L1/L2 GPS signal throughout the entire aircraft cargo compartment
- 100% proven compatibility with other JPADS system elements - including the UHF Datalinks, Dropsondes, & Airborne Guidance Units (AGU)
- Fully compatible with all military grade & commercial grade receivers (including PARANAV®)
- Provides GPS signal on the flight deck for the JPADS Mission Planning Computer
- 100% compatible with all variants of the Antenna Electronics Unit (AEU)/GAS-1 (i.e. automatically adjusts to AEU gain, from 17dB to 45dB)
- Includes an L1/L2 GPS antenna in the event the host aircraft is not equipped with an AEU/GAS-1
- Extensive Built In Test (BIT) capability, enabling fault isolation to any element of the JPADS system
- Powered by aircraft's existing 28V power outlets (< 1Amp)
- Available in ½ ATR compliant chassis
- NVG Compatible LEDs
- Designed & Manufactured to AS9100 Aerospace Quality Standards



GLI-PADS

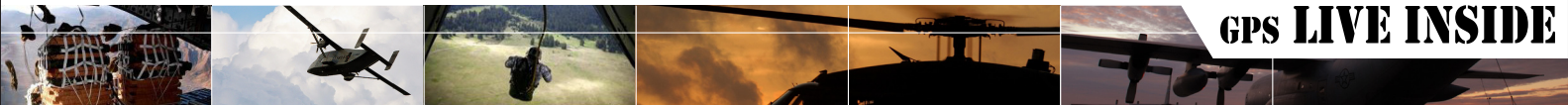
Tested & Qualified to the following MIL-STDs:

- Operating Range: -40C to +71C,
- Environmental: MIL-STD-810C/MIL-E-5400
 - Temp & Altitude: Mtd 504.1
 - Humidity: Mtd 507.1
 - Mechanical Vibration/Shock: Mtd 514.2 / 516.2
 - Salt Fog: MIL-E-5400
 - Fungus: Mtd 508
 - Sand & Dust: Mtd 510
- EMI: MIL-STD-461E
 - CE102,CE106,CS101,CS103,CS104,CS114,CS115,CS116,RE102,RS103
- Lightning: 10us, 800Vp-p
- Aircraft elec. Power: MIL-STD-704C, 28VDC System
- Software: MIL-STD-498, DO-178B

Test data available upon request



The GPS Live Inside (GLI) product line is made by GPS Source, Inc. GPS Source has hundreds of repeater kits currently deployed in theater. These kits have demonstrated incredible value in combat on a daily basis. Located in Pueblo, Colorado, approximately 30 miles from Shriever AFB (home of U.S. Space Command), GPS Source is a 100% veteran owned company. With over 60 years of collective experience in the Global Navigation Satellite Systems (GNSS) industry, GPS Source is the world's leading specialist in GNSS signal distribution. GPS Source helps support situational awareness technologies by designing and building combat proven solutions that bring GPS Live Inside, eliminating costly delays and saving lives.



Permanent Install For C-130

- L1/L2 GPS signal throughout the entire aircraft cargo compartment
- 100% proven compatibility with other JPADS system elements - including the UHF Datalinks, Dropsondes, & Airborne Guidance Units (AGU)
- Fully compatible with all military grade & commercial grade receivers (including PARANAV®)
- Provides GPS signal on the flight deck for the JPADS Mission Planning Computer
- Significant Increase in Mission Readiness
- Eliminates Damage to System Components Due to Improper / Constant Handling
- Eliminates Poor Performance Due to Improper Installation
- Eliminates Requirement for Non-standard Logistical Support
- System Design & Installation Optimized for Best Possible Performance (e.g. 100% Coverage Under Worst Case Cargo Conditions)
- A/C Pre-configured for PADS & Special Ops Missions
- Verified/Validated Compatibility with ALL PADS & Special Ops Mission Equipment
- Fully Verified/Validated EMI Compatibility with A/C Systems for Each Variant
- Eliminates “jerry-rigged” installations such as
 - LRU Strapped to Jump Seat
 - CF29 GPS Antenna Duct Taped to Windscreen
- Improved Safety of Flight

