

GLI EUROFIGHTER KIT

The only certified* GPS Repeater Kit for the Air Force!



- **Immediate operational availability of GPS navigation systems**
- Developed to support the Quick Reaction Alert (QRA) operations
- **Guaranteed weapons compatibility**
- Automated power control and built-in troubleshooting
- **Already deployed at the Eurofighter Typhoon Fighter-Bomber Wings 31 and 71 (JaBoG 31 and 71)**
- The system also supports the F4, Tornado, F22, and F35 Fighter Aircraft to name but a few
- **Certified for deployment into NATO HAS hangers**



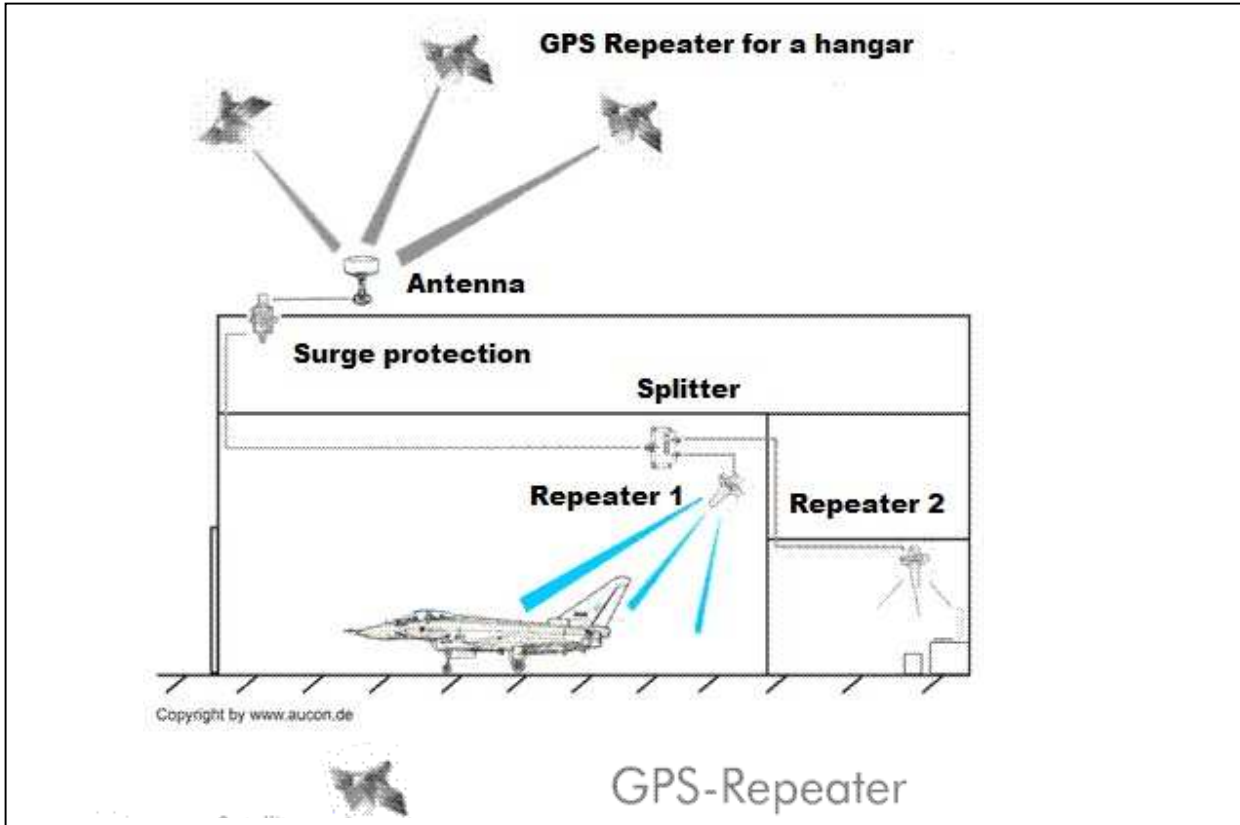
- Scope of delivery:**
- EUROFIGHTER Repeater Kit with 230 VAC and Display Monitoring System
 - Active GPS L1/L2 Receive Antenna with 35dB LNA Gain on Stainless Steel Bracket, 3-24 VDC LNA DC Power, designed to Military Standards
 - **Lightning Protection System** connected to the reinforced concrete steel jackets (NATO HAS hanger)
 - 30m Auc400 PE **Coaxial Cable** – Fully Assembled, Flame Retardant, and Halogen Free
 - Optional: Additional splitter signal redistribution

- Installation Services:**
- On-site installation services by AuCon or Certified Partner
 - Site Survey & System Design as well as Verification and Acceptance Testing
 - Verification report and ongoing support upon registration at the IT department of the Federal Armed Forces

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Contact us at anytime for any information and approval requests. The GLI-EUROFIGHTER is not an ITAR controlled product but we do require company verification, i.e. Armed Forces affiliation.

Functional overview:



Description:

The GLI-Eurofighter repeater kit was specifically developed to meet the requirements of the German Air Force and NATO. It delivers a constant and highly accurate signal inside the aircraft HAS hangar ensuring immediate operational availability of any aircraft GPS navigation systems. The repeater system supports both GPS L1 and L2. The system's high frequency selectivity and built-in troubleshooting with automatic detection & mitigation features, provides for a clear, free of interference, GPS signal.

The user has precise control over the effective radiated power (ERP) levels regardless of the uncertain loss or gain in the receive antenna cable network, i.e. jammers. It is smart enough to automatically condition the signal preventing changes in performance. The repeater system also allows ongoing installation, testing and troubleshooting of aircraft navigation systems while remaining inside the hangar. Maintenance efficiencies are immediately recognized as accessibility to work on the GPS navigation is more convenient. Personnel and assets are protected, plus time and fuel are saved.

Contact persons: Lucien Paulus (Technical developer)
Willi Fink (Technical responsible)

* AuCon GbmH is a certified business partner of the Federal Armed Forces. The GPS repeater system is CE certified

** Monitoring system: The connection to the PC system (wired or Bluetooth) allows the running system control, software for control and documentation (Data Logging), error analysis also possible via remote access