



STATIC LINE RETRIEVAL WINCH

RELIABLE AND EFFICIENT

Dependable hoisting and effortless deployment

Collins Aerospace's static line retrieval winch is a compact, lightweight winch system. This simple, sturdy winch has the ability to lift 2200 lbs. An easily switchable speed mode allows the user to select high speed to operate without a load or normal speed to operate with a load. Installation and operation of this winch are uncomplicated and straightforward.

The winch is easy to install in your aircraft and maintain regularly. The durable architecture, efficient cable drive system and fault monitoring indicator ensure that it is safe and effective. It has a brushless motor for high performance, reliability and easy maintenance. This static line retrieval winch is simple and safe to store, due to its hook compression function and LEBUS drum grooving.

The modular design includes an integrated electronic control module with electromagnetic interference (EMI) protection and a control handle unit. An active power factor correction (APFC) module is integrated in the winch controller, which provides improved efficiency and compliance with the DO-160G Current Harmonic Distortion and Power Factor requirements.

Current application

Static Line Retrieval Winch KC390 (Qualified in accordance with DO-160G, MIL-STD-130M and MIL-STD-461E requirements)



Control pendant of retrieval winch

KEY FEATURES AND BENEFITS

- Integrated Active Power Factor Correction for efficient operation
- Large operational cable angle for increased flexibility
- Easy to install, use and maintain
- Snap hooks are used to hold loads
- Simple and sturdy mechanical architecture
- Carbon Weston-type brake cooled in oil bath
- Brushless motor for performance and reliability
- Hook compression function for efficient stowage during flight
- System fault monitoring and indication displayed on the control pendant
- LEBUS drum grooving for safe and reliable storage
- Powered by alternating current (AC)
- Ability to lift 2200 lbs.
- 26 m (85 ft) cable



Specifications subject to change without notice.
U.S. Army photo by Staff Sgt. Jason Hull



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