



GOODRICH® CARGO WINCH MODEL 44302-10-1

SUPERIOR PERFORMANCE AND RELIABILITY

Exceptional power-to-weight ratio

As the only winch manufacturer that produces the translating drum cable management system, Collins Aerospace has the expertise to enhance your cargo-handling capabilities with the most advanced available winch technology.

Our history in the development, manufacturing and support of fixed-wing aircraft cargo winch systems includes outfitting the Lockheed C-5 and Boeing C-17.

You can count on our innovative, reliable technologies and seamless integration to assist in the success of your missions.

The Collins Goodrich® cargo winch model 44302-10-1 is a sub-floor winch designed for the Lockheed C-130J (including as a retrofit on legacy models such as the C-130H), as well as Kawasaki C-X and Embraer KC-390 platforms. It employs our patented translating drum technology, which enables a pulling capacity of 6,500 pounds in a compact package. The winch provides a superior power-to-weight ratio, has a long cable life, is highly reliable and requires minimal maintenance.

KEY FEATURES AND BENEFITS

- High pulling power
- Variable-speed electric drive
- Inching speed of 5 ft. (1.524 m.) per minute at 6,500 lbs. (2948 kg)
- Capstan and translating drum technologies
- Single-point cable payout
- 360-degree cable direction
- Below-the-floor installation provides extra cargo space
- Stowable pulley for storage
- Molded electrical harnesses
- Precision control for precise cargo location
- End-of-travel limit switches
- Handheld control pendant for ease of operation

GREATER CAPABILITY

Our Goodrich cargo winch model 44302-10-1 offers greater capability over the traditional bulldog-style winch commonly used on older C-130 models as its underdeck winch.

Our winch features:

- A longer cable
- Greater load capacity
- Snatch blocks that double or triple the cable pull rating
- Fully powered movement – no clutch to slip
- A full-control pendant in close proximity to the cargo load for clearance monitoring and precise positioning
- A wide variety of reel-in and reel-out speeds
- Inching speed as low 5 feet per minute with precise movement
- Full stowage with a quick access panel – keeping floor space clear
- Enhanced safety
 - No heavy, above-deck “bulldog” winch to move around the cargo compartment
 - No tie-down chains that present a trip hazard
 - Positive cargo control with greater capacity
- A larger cable diameter, delivering a higher breaking strength

SPECIFICATIONS

Height	17.35 in. (44.1 cm)
Length	32 in. (81.3 cm)
Width	17 in. (43.2 cm)
Weight	315 lbs. (142.8 kg)
Cable length	200 ft. (61 m)
Cable diameter	0.375 in. (9.5 cm)
Cable type	Galvanized, preformed, non-rotating aircraft flexible steel
Rated load capability	6,500 lbs. (2948 kg)
Maximum stall load	8,000 lbs. (3629 kg)
Cable breaking strength	14,880 lbs. (6749 kg)
Winch type	Electric (115/200 VAC, 3-phase, 400 Hz and 28 VDC, 5A max)
Rated speed, low	15 feet (4.5 m) per minute
Rated speed, high	40 feet (12.2 m) per minute
Inching speed	5 ft. (1.5 m) per minute at 6,500 lbs. (2948 kg)

This document does not contain any export-controlled technical data.
Specifications subject to change without notice.



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