

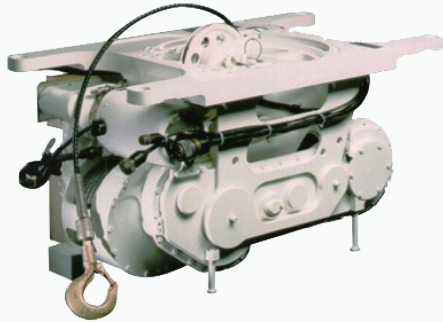


# CARGO WINCH RETROFIT KIT

**LOCKHEED MARTIN** 

# Underdeck Cargo Winch Retrofit Kit

The Underdeck Cargo Winch Retrofit kit for the C-130H allows the newer underfloor cargo winch originally developed for the C-130J to be retrofitted into older C-130s.



- Increased capability over traditional "Bulldog" winch – Common with C-130J Underdeck Winch
  - Longer cable length and greater load capacity
  - Snatch blocks included to double or triple the cable pull rating
  - Fully powered movement—no clutch to slip
  - Control Pendant allowing full control while being close to the cargo load to monitor clearances and precise positioning.
  - Infinitely variable reel-in and reel-out speeds and precision movement as low five feet per minute
  - Fully stowed out of the way to not block valuable cargo floor space using Quick Access Panel
  - Increased Safety
    - Eliminates potential Loadmaster injuries from having to maneuver a 300 lb (136 kg) above-deck 'Bulldog' winch around the cargo compartment
    - Eliminate additional Trip Hazards from use of tie-down chains
    - Larger cable diameter with higher breaking strength
    - Positive control of cargo with increased capacity greatly increases safety to personnel

The underfloor cargo winch has been developed, tested, and successfully operated on many C-130J aircraft for years. The kit and Service Bulletin are designed for the "short" C-130H aircraft but can be designed for other versions as well. Installation of this modification kit can be done with a minimum of changes to the aircraft and the kit can be provided with installation support and a Lockheed Martin field installation team, if desired.



Feature	Underdeck Winch	Traditional "Bulldog" Winch
Fixed or Moveable	Fixed—Underdeck	Requires Moving for Use - 300 lbs (136 kg)
Floor Space Obstruction?	No	Yes
Single-Line Load Capacity	6,500 lbs (2,948 kg)	4,000 lbs (1,814 kg)
Winch Cable Length	200 ft (61 m)	100 ft (30 m)
Winch Cable Diameter	3/8 inch (9.5 mm)	1/4 inch (6.35 mm)
Winch Speeds	High - 40 ft (12 m)/min Low - 15 ft (4.5 ft)/min Precision Low - 5 ft (1.5 m)/min	High - 36 ft (11 m)/min Low - 11 ft (3.4 m)/min
Winch Controls	Pendant with up to 60 ft (18 m) cable	Controls on Winch Unit

## Contact Information:

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