



RESCUE HOIST MODEL 44311

A RUGGED, RELIABLE RESCUE HOIST

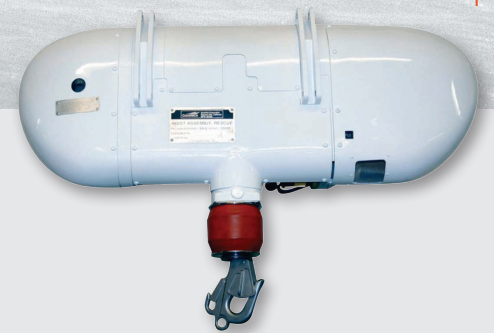
When lives are on the line, proven performance means everything

Helicopter owners seeking superior performance, reliability and capability – as well as low cost of ownership – can count on Collins Aerospace's Goodrich rescue hoist.

Externally mounted, electrically powered rescue hoist model 44311 utilizes the Collins Aerospace proprietary translating drum cable management system. The hoist design also incorporates a Weston-style load brake and overload slip clutch for added safety. The lubricated cable extends cable life and helps arrest corrosion of the cable.

Current applications include:

- Boeing CH-47
- Sikorsky S-61, S-70, S-92 and UH-60M
- Eurocopter AS332



KEY BENEFITS/FEATURES

- Capable of high fleet angle allowing hoist operation in high winds or other circumstances requiring an off-angle lift
- Symmetrical braking reducing dwell time on direction reversals and enhanced braking capability
- Cable foul onset sensing available on some models
- Single point payout reduces potential for hoist-induced load swings
- Continuous operational duty cycles allow for multiple victim rescues without a cool-down period
- Worldwide field engineering services available



GENERAL SPECIFICATIONS

Height	12.26 in. (311.40 cm)
Length	33.4 in. (848.36 cm)
Width	8.75 in. (222.25 cm)
Weight	
44311-10-1	99 lb. (44.90 kg)
44311-10-2	105.5 lb. (46.27 kg)
44311-10-3	103 lb. (47.62 kg)
Cable Length	
44311-10-1	200 ft. (60.96 m)
44311-10-2	290 ft. (88.39 m)
44311-10-3	250 ft. (76.02 m)
Cable Diameter	3/16 in. per MIL-W-83140
Limit Load	2100 lb.
Ultimate Load	3150 lb.
Input Power	115 VAC, 3 Phase / 400 Hz / 22 Amps
Maximum Lift Load	600 lb. (272.16 kg)
Hoist Type	600 lb. (rated) external electric

Lowering/Raising Speed

- 325 fpm (99.06 m per minute) @ 600 lb. (272.16 kg)
- 350 fpm (106 m per minute) @ 300 lb. (136.08 kg)

DESIGN FEATURES

- Designed to exceed the U.S. Army's strict EMI requirements defined in ADS-37A
- Hour meter logs total operation time
- Emergency cable cut
- Down limit override for quick cable changes
- Redundant limit and decel switches
- Night vision compatible controls
- Cable length display on operator's pendant
- Searchlight or hover control pendant
- Intercom switch on pendant
- Priority hoist controls for pilot
- Integral 4 point and post mount in same hoist model

Specifications subject to change without notice.



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