



RESCUE HOIST MODEL 42325/44314

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 models 42325/44314 utilize 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 drum.

Current applications include:

- Bell 204, 205, 210, 214, 412 and 430
- Airbus AS365 N3, H155, H175, AS332, BK117 and EC225
- Kawasaki BK117C1
- Sikorsky S-61 and S-76
- Westland Lynx and Super Lynx, and MD 902



KEY BENEFITS/FEATURES

- Capable of high fleet angle allowing hoist operation in high winds or other circumstances requiring an off-angle lift
- Symmetrical braking available on some models reducing dwell time on direction reversals and enhanced braking capability
- 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)
Width	8.75 in. (222.25 cm)
Weight	
42325-12	100.6 lb. (45.63 kg)
42325-14	104.5 lb. (47.40 kg)
42325-16	106 lb. (48.08 kg)
Hoist Length	31.75 in. (806.45 cm)
Cable Length	
42325-12	250 ft. (76.20 m)
42325-14	250 ft. (76.20 m)
42325-16	290 ft. (88.39 m)
Cable Diameter	3/16 in. per MIL-W-83140
Maximum Lift Load	600 lb. (272.16 kg)
Overtension Load Limit	1200 lb. (544.31 kg)
Limit Load	1800 lb. (816.47 kg)
Ultimate Load	2700 lb. (1224.70kg)
Input Power	28 VDC/125 amps maximum
Lowering Speed	
275 fpm (83.82 m/min) @ 600 lb. (272.16 kg)	
275 fpm (83.82 m/min) at 300 lb. (136.08 kg)	

Raising Speed

150 fpm (45.72 m/min) @ 600 lb. (272.16 kg)
 275 fpm (83.82 m/min) at 300 lb. (136.08 kg)

DESIGN FEATURES

- Event meter logs total cycles (hour meter available on some models)
- 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
- 2 position Intercom switch on pendant
- Pendant lighting includes "Overtemp" or "Caution" indicators
- Priority hoist controls for pilot

Specifications subject to change without notice.



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