



RESCUE HOIST MODEL 44301

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 44301 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 drum.

Current applications include Eurocopter AS350 B2/B3, EC135, BK117 C2, EC145, UH72 A Lakota and Kawasaki BK117 C2.



KEY BENEFITS/FEATURES

- Capable of high fleet angle allowing hoist operation in high winds or other circumstances requiring an off-angle lift
- EC135, EC145 and BK117 feature an electric boom for easy deployment and recovery of a stretcher (both left and right side installations available)
- 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	12.32 in. (312.92 cm)
Width	8.75 in. (222.25 cm)
Weight	
44301-10-4	92.11 lb. (41.78 kg)
44301-10-5	83 lb. (37.64 kg)
Hoist Length	31.75 in. (806.45 cm)
Cable Length	
44301-10-4	300 ft. (91.44 m)
44301-10-5	170 ft. (52 m)
Cable Diameter	3/16 in. per MIL-W-83140
Maximum Lift Load	
44301-10-4	600 lb. (272.16 kg)
44301-10-5	500 lb. (230 kg)
Overtension Load Limit	
44301-10-4	1275 lb. (544.31 kg)
44301-10-5	1065 lb. (483.08 kg)
Limit Load	
44301-10-4	1500 lb. (680.39 kg)
44301-10-5	1265 lb. (574.31 kg)
Ultimate Load	
44301-10-4	2250 lb. (1020.60 kg)
44301-10-5	1875 lb. (850.49 kg)
Input Power	28 VDC/125 amps maximum
Lowering Speed	
	275 fpm (83.82 m/min) @ 600 lb. (272.16 kg)
	240 fpm (73.15 m/min) @ 300 lb. (136.08 kg)
Raising Speed	
	150 fpm (45.72 m/min) @ 600 lb. (272.16 kg)
	240 fpm (73.15 m/min) @ 300 lb. (136.08 kg)

DESIGN FEATURES

- Hour meter or event counter logs total time
- Emergency cable cut
- Redundant limit and decel switches
- Night vision compatible controls
- Cable length display on operator's pendant
- Intercom switch on pendant
- Pendant lighting includes "Overtemp" or "Caution" indicators

Specifications subject to change without notice.



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