



Los Angeles Fire Department AW139 with 44316 hoist

GOODRICH® RESCUE HOIST MODEL 44316/44716

A RUGGED, RELIABLE RESCUE HOIST

Collins Aerospace Goodrich® rescue hoists offer superior performance, reliability and capability as well as low cost of ownership to helicopter operators worldwide.

Externally mounted, electrically powered rescue hoist model 44316/44716 utilizes the Collins Aerospace proprietary translating drum cable management system. A single-point payout helps reduce hoist-induced load swings. And continuous operational duty cycles enable multiple victim rescues with no need to wait for hoist cool-down. 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:

- Leonardo AW109
- Leonardo AW139 (Single and Dual installation)
- Leonardo AW169
- Leonardo AW189/AW159 (Single Installation)
- Bell 429
- Bell 412



KEY FEATURES & BENEFITS

- Capable of use in high fleet angle rescues such as during swift water or high wind operations
- Symmetrical braking reducing dwell time on direction reversals and enhanced braking capability
- Cable foul onset sensing
- 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

GENERAL SPECIFICATIONS*

Height	13.36 in. (339 mm)
Width	8.75 in. (222 mm)
Length	33.4 in. (848 mm)
Cable Length	290 ft. (88.39 m)
Weight	106 lb. (48.08 kg)
Cable Diameter	3/16 in.
Maximum Lift Load	600 lb. (272 kg)
Overtension Lift Load	1200 lb. (544 kg) (min)
Limit Load	2100 lb. (953 kg)
Ultimate Load	3150 lb. (1429 kg)
Input Power	28 VDC - 150 Amps (max)
Lowering Speed (independent of load)	260fpm/1.32m/s
Raising Speed	600 lb. - 200 fpm/1.01m/s 300 lb. - 260 fpm/1.32 m/s

* Performance and specifications apply to a single hoist.

DESIGN FEATURES

- 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 on pendant
- Intercom switch on pendant
- Both 4 point and post mount configurations available

Specifications subject to change without notice.



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