



# Rescue Hoist

## Model 44316

Externally mounted, electrically powered rescue hoist model 44316 utilizes the UTC Aerospace Systems 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 Agusta Westland AW109, AW139 and AW159 (both single and dual hoists) and Bell 429.



**GOODRICH**

UTC Aerospace Systems

**For additional information:**

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### 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 all 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



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

## General Specifications\*

Height	13.36 in. (339.34 cm)
Width	8.75 in. (222.25 cm)
Weight	106 lb. (48.08 kg)
Hoist Length	33.4 in. (848.36 cm)
Cable Length	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. (min)
Limit Load	2100 lb.
Ultimate Load	3150 lb.
Input Power	28 VDC - 150 Amps (max)
Lowering Speed	260 fpm (79.25 m/min) at 600 lb. (272.16 kg) 260 fpm (79.25 m/min) at 300 lb. (136.08 kg)
Raising Speed	200 fpm (76.2 m/min) at 600 lb. (272.16 kg) 250 fpm (76.2 m/min) at 300 lb. (136.08 kg)

\* 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 pendant
- Intercom switch on pendant
- Priority hoist controls for pilot
- Integral 4 point and post mount in same hoist model



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