



Rescue Hoist

Model 76371

Externally mounted, electrically powered rescue hoist model 76371 utilizes a new cable guide technology that allows 30 degree fleet angles and unlimited operational duty cycles. The hoist acts as a primary for light helicopters and as a back up for medium and heavy helicopters.

Current applications include Sikorsky S-76 dual and Eurocopter AS350 B2 primary and AS332 L/L1 back up.

Benefits & Features

- Fleet angles up to 30 degrees providing more flexibility for hoist operations in high winds or other circumstances requiring an off angle lift
- Continuous operational duty cycles allowing for multiple victim rescues without a cool down period
- Simple and sturdy mechanical architecture
- Worldwide field engineering services available



For additional information:

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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.

Design Features

- Equipped for external base or side mounting
- Integrated Electronic Control Box (ECB)
- Redundant end up and down limit switches
- Slow up and down speed managed by ECB
- Self clamping carbon brake
- D'LOK as standard hook
- Reliable stainless steel cable
- Hook safety device
- Multifunctional pendant with cable length displays and failure indicators
- Hoist life totalizer
- NVG compatible
- Fairing on request
- Hook arrangement on request
- Brushless motor for better maintainability
- Double bridge wire emergency cable cut

General Specifications

Height	10.60 in. (27 cm)
Width	9 in. (23 cm)
Hoist Weight	39.7 lb. (18 kg)
System Weight	47 lb. (18 kg) with control pendant, fairing and D'LOK hook assembly
Hoist Length	14.90 in. (38 cm)
Cable Length (usable)	131 ft. (40 m) standard up to 229 ft. (70 m) option
Load Cable	Nominal Diameter 0.145 in (3.7mm) based on MIL-W-83140 type stainless steel
Hoisting Cable Speed	Up to 138 ft. per minute (0.70 m/s)
Maximum Lift Load	300 lb. (136 kg)
Overtension Load Limit	Electric overload detection (current limitation and control pendant indicator)
Limit Load	1050 lb. (467 daN)
Ultimate Load	1575 lb. (700 daN)
Input Power	Electric 28 VDC/60 A with 300 lb.
Boom Rotation	Boom switch available on pendant



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