



# Rescue Hoist

## Model 42305

Internally mounted, electrically powered rescue hoist model 42305 utilizes the UTC Aerospace Systems proprietary translating drum cable management system. The hoist design also incorporates a Weston style load brake for added safety. The lubricated cable extends cable life and helps arrest corrosion of the cable.

Current applications include Bell 204, 205, 210, 214 and 412, Huey II, UH-1H and UH-1N/Y, and Sikorsky HH-60A/L.

### Benefits & Features

- Capable of high fleet angle allowing hoist operation in high winds or other circumstances requiring an off angle lift
- 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



**GOODRICH**

UTC Aerospace Systems

**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.

## General Specifications

Height	51.91 in. (131.84 cm)
Width	13.50 in. (34.39 cm)
Hoist Length	35.38 in. (89.86 cm)
Cable Length	250 ft. (76 m)
Cable Diameter	3/16 in. per MIL-W-83140
Maximum Lift Load	600 lb. (272.16 kg)
Input Power	28 VDC/125 amps maximum
Boom Rotation	
42305-3/5	205 degrees
Hoist Weight	
42305-3/5	168 lb. (76.20 kg)
Lowering Speed	
42305-3	275 fpm (91.44 mpm) @ 600 lb. (272.16 kg) 275 fpm (91.44 mpm) @ 300 lb. (136.08 kg)
42305-5	275 fpm (91.44 mpm) @ 600 lb. (272.16 kg) 275 fpm (91.44 mpm) @ 300 lb. (136.08 kg)
Raising Speed	
42305-3	150 fpm (28.10.mpm) @ 600 lb. (272.16 kg) 275 fpm (91.44 mpm) @ 300 lb. (136.08 kg)
42305-5	150 fpm (28.10.mpm) @ 600 lb. (272.16 kg) 275 fpm (91.44 mpm) @ 300 lb. (136.08 kg)

## Design Features

- Boom rotates 205 degrees for easy deployment and recovery of a stretcher
- Cable extension meter on control pendant
- Hour meter logs total hoisting time
- NVG compatible (42305-3 and -5)
- Secondary hoist controls for pilot
- Emergency cable cut with press to test feature
- Redundant limit and decel switches



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