Externally mounted, electrically powered rescue hoist model 44311 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 Boeing CH-47, Sikorsky S-61, S-70, S-92 and UH-60M, and Eurocopter AS332.

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 some 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

For additional information:
2727 E. Imperial Highway, Brea, CA 92821 U.S.A.
Tel: +1 714 984 1461
Fax: +1 714 984 1675

This document does not contain any export controlled technical data.
Rescue Hoist | Model 44311

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

### General Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>12.26 in. (311.40 cm)</td>
</tr>
<tr>
<td>Length</td>
<td>33.4 in. (848.36 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>8.75 in. (222.25 cm)</td>
</tr>
</tbody>
</table>
| Weight        | 44311-10-1 99 lb. (44.90 kg)  
                44311-10-2 105.5 lb. (46.27 kg)  
                44311-10-3 103 lb. (47.62 kg)  |
| Cable Length  | 44311-10-1 200 ft. (60.96 m)  
                44311-10-2 290 ft (88.39 m)  
                44311-10-3 250 ft. (7602 m)  |
| Cable Diameter| 3/16 in. per MIL-W-83140  |
| Limit Load    | 2100 lb. |
| Ultimate Load | 3150 lb. |
| Input Power   | 115 VAC 3 Phase / 400 Hz / 22 Amps |
| Maximum Lift Load | 600 lb. (272.16 kg) |
| Hoist Type    | 600 lb. (rated) external electric |
| Lowering/Raising Speed | 325 fpm (99.06 m per minute) @ 600 lb. (272.16 kg)  
                             350 fpm (106 m per minute) @ 300 lb. (136.08 kg)  |

### Design Features

- Designed to exceed the U.S. Army’s strict EMI requirements defined in ADS-37A
- 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

UTC Aerospace Systems

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