



Team Training Solutions

Advanced Helicopter Response Training and Equipment

UTC Aerospace Systems offers Goodrich rescue hoists with a high efficiency motor for a continuous duty cycle and translating drum technology to reduce cable stress - providing non-stop operation on every mission. Now, the name you know and trust aboard the major international airborne platforms has teamed with **Air Rescue Systems (ARS)** to provide cutting edge, advanced helicopter response training.

ARS expertise in mission- and skill-based training and mission-specific equipment combined with UTC Aerospace Systems maintenance expertise on Goodrich-manufactured hoists provides a comprehensive service menu for customers to build the training they need to fit their needs.

Contact Us

- Phone: 714-984-1590
- Email: gputashoistwinch@utas.utc.com
- goodrichhoistandwinch.com



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

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For additional information:
445 Dead Indian Memorial Road, Ashland, OR 97520 U.S.A.
Tel: +1 541 488 0941
airrescuesystems.com

Four Approaches to Suit Your Needs

UTC Aerospace Systems and ARS can integrate their separate maintenance training and mission- and skill based training into a convenient, single event. Chose from one of our seven global UTC Aerospace System or ARS facilities, or one of your own sites.

Maintenance Training

O-level training offered on your own equipment at your preferred location

Full day course certifies up to six participants to:

- Understand hoist maintenance and functionality
- Identify hoist system components and functions
- Perform basic maintenance tasks, adjustments, troubleshooting and O-level component replacement, such as:
 - Remove and replace hook assembly
 - Remove and replace cable assembly
 - Cable drum timing recognition
 - Remove and replace crowder and traction sheave
 - Cable path cleaning and maintenance
 - Adjust limit switches and cable foul sensor
 - Remove and replace cable cut assembly
 - Cleaning and lubrication
 - Hoist ground functional checks

Skill-Based Training

Make sure your crews have the skills they need to be successful:

- Helicopter operations safety
- CRM/human factors
- Risk management and mitigation
- Initial/intermediate hoist operations
- Short haul
- Precision flight skills development
- Direct/indirect vertical reference technique
- Precision external load
- Heli-rappel/FAST rope
- Skid insertion/extraction
- NVG/night operations
- Advanced victim extraction and care

Provided by Goodrich

Provided by ARS



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Mission-Based Training

Customizable solutions to meet your mission-specific requirements:

- Search and rescue
- Law enforcement/fire based SAR operations
- Mountain operations
- Urban operations
- Off-shore SAR
- Flood/swift water rescue
- HEMS/Medevac
- Tactical law enforcement
- Military
- Power utility insertion/extraction
- Power utility rescue
- Firefighting
- Custom course development
- Full program stand-up/support

Mission-Specific Equipment

Hoist operations equipment and systems designed by working helicopter response specialists

The gear you need to get the job done:

- Air rescue extraction system (ARES)
- Air rescue vest quick-connect (ARV-QC)
- Spin fin (ARES flight stabilization device)
- Advanced pediatric extraction device (APED)
- 2-UP - hoist assist system
- Internal human load anchor systems for all airframes
- Tag line and OFF-set lift systems
- FAST break rated "weak link"
- Aqua armor heli-aquatic dry suits
- Cable Buddy hoist cable inspection system

