

The TRITON QLR System

LSC's Quad-LOK Release (QLR) is the first purpose-built device intended for helicopter hoisting operations that is designed to release loads of up to 400KG. The QLR (US PAT. 10,844,932) is a completely ambidextrous device with no front or back making one-hand operation (by feel alone) in any orientation simple and easy while the four independent locks keep the device secure.

The QLR is integrated on the riser hoist strap and allows for quick release from the hoist cable in the event of an emergency. The TRITON II QLR System is only available in MOLLE and a range of pockets are available for installation on the harness and the life vest. The QLR is FAA Approved as part of the TRITON II Harness system under TSO-C167. The entire TRITON II QLR System is priced in such a way as to reduce the total cost of ownership over other harness quick release systems with no annual maintenance costs.



The TRITON II QLR System is made up of three components:

- The TRITON II MOLLE Flotation Vest (Approved under TSO-C13G)
- The TRITON II Harness
- The Quad-Lok Release Tether (together approved under TSO C-167)

The harness is constructed of Mil-Spec webbing and low profile, quick adjusting, stainless steel hardware. When hoisted the upright, slightly reclined, and seated position allows total use of operator hands. Ideal for rapid deployment in swift/cold water or cliff type rescues. Wide leg and waist straps optimally distribute weight for superior comfort and support. All components and materials are corrosion resistant for the marine environment.

LIFESAVING SYSTEMS CORPORATION

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The TRITON QLR System

Product Variations:

Part Number	Description	
#490-HMQ	TRITON II Harness for QLR, Medium NSN 4240-01-694-1212	Fits 64"-69" tall (162-175 cm)
#490-HLQ	TRITON II Harness for QLR, Large NSN 4240-01-694-1216	Fits 68"-73" tall (173-185 cm)
#490-HXLQ	TRITON II Harness for QLR, Extra-Large NSN 4240-01-694-1208	Fits 72"-78" tall (183-198 cm)
#490-HXXLQ	TRITON II Harness for QLR, XXL NSN 4240-01-694-1661	Fits 74"-80" tall (188-203 cm)
#930-T1	Quad-LOK Release (QLR) with Double Lifting Ring	
#490-VOT	Triton II Vest, Orange, TSO	

Specifications:

TRITON Quad-LOK Release System	
Load Limit:	450lb - 182 kg. MAX
Weight	5lbs (2.26kg) Harness with Quad-LOK
Quad-LOK	Release Limit: up to 1000 lbs (453 kg) Working Load Limit: 600 lbs (272 kg) tested to 7,000lbs (3,175 kg) without failure or deformity giving the device a safety factor of at least 11.
Quad-LOK Patent	US PATENT 10,844,932
MOLLE System	6-Panel Configuration (each side)
Harness Webbing	Mil-Spec webbing: Breaking Strength 7,000lbs (Min) (3175kg)
Harness Service Life:	12 years from date placed in service or 15 years from date of manufacture, whichever occurs first.
Quad-LOK Life Limit:	The recommended service life limit is twelve (12) years from Date Placed in Service, or fifteen (15) years from Date of Manufacturer (DOM). Operators shall maintain full inspection and serviceability records in accordance with Owners Manual Procedures.



Our CASA approved #219 Quad-Lock Aviation Crew Safety Belt is highly recommended for use as an operating wander-lead for Aircrew who routinely deploy from the helicopter on the hoist.



Coming soon: 930-WL Wander Lead with QLR.

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