



QRB mk-5 assembly

P/N 8004 9010

Lite Flite Quick Release Box, also known as QRB or QRF, is an important safety device for the helicopter winch man. The QRB provides a way of quick and safe disconnection from the hoist wire in case of trouble, greatly reducing the need for cable cutting. As such, the quick release box is a vital piece of the Personal Protection Equipment.

Lite Flite QRB mk-5 is made almost entirely of corrosion treated stainless steel. Even the springs are made of stainless steel, hence eliminating the need for disassembly after each use. Only the back plate and the turning lid with the protruding, tactile safe indicator bar is made of aluminium. The precision CNC milled parts are all contributing to the high quality and smooth, though distinct operation. The secondary D-ring at the suspension strap allows a smooth transfer to secondary hoist hook in case of stuck hoist.

Specifications

- Dual action, quick release mechanism
- Connection only possible in Safe Mode
- Compatible with all Lite Flite hoist harnesses
- Breaking strength > 23 kN
- Max. user weight 150 kg

Materials

- MIL-W-4088 webbing type XIII, breaking strength > 7000 lbs
- PE webbing R6180T, breaking strength > 9000 lbs
- Hardware made of corrosion treated stainless steel and sea water resistant, anodized aluminium

Life Cycle

- Recommended life time: 5 years or on condition
- Annual maintenance: Disassembly, cleaning, regreasing, change of springs and reassembly, followed by inspection and certification
- Daily maintenance: Flush with cold tap water, leave to dry

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Lite Flite QRB assembly is tested and type certified as part of Lite Flite hoist harness system according to European Council directive 89/686 in conformance with European norms EN813:2008 and EN1497:2007. The quality management system is audited by Notified Body: Force Certification, Denmark.
Certificate No. DK-0200-PPE-2101



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Selected Part Numbers - QRB mk-5 assembly

8004 9010	Quick Release Box assy., incl. Suspension Strap A+D (NSN 1680223091736)
9001 9010	Quick Release Box, QRB mk-5
6008 1471	Suspension Strap NG for QRB, 275mm, A+D ring

Accessories

8004 9085	QRB mk-5 Upgrade Kit
8004 9090	QRB Overhaul Kit
6008 1725	Stuck Hoist hook strop (NSN 3940226155386)

**About Lite Flite**

Lite Flite is domiciled at Kolding Airport, Denmark. In our modern facilities we produce, repair and maintain a lot of aircraft related items for customers all over the world.

Our rescue equipment is in service with skilled SAR units in more than 40 countries around the globe.

Since the foundation in 1968 our activities have developed from parachutes and maritime products into safety related items for helicopters and fixed wing aircraft.

Please contact us for further information about these and other products. We will do our utmost to help you.

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