



### Quick Release Box Mk-4 released

The Mk-4 version of our wellknown Quick Release Box (QRB) is now released. Factory new QRB's are now solid black with a number of vital improvements in relation to previously Mk-2 and Mk-3:

- Improved lifting plate with closed lobes
- New back plate with single flush hole
- Countersunk rubber protection plug
- Black ionized scratch resistant surface

The improved lifting plate with closed or interconnected lobes greatly reduces the risk of foreign objects, like rubber plugs, getting trapped inside the QRB. This lifting plate represents such a great security enhancement, that we have chosen to make the upgrade mandatory.

A service bulletin SB-13-9010-2012 has been sent out to all current users explaining this in details, covering the other upgrades as well.

We have decided to redesign the back plate with a single flush hole only which secures the rubber plug in a reduced and countersunk hole. This upgrade is, though not mandatory, highly recommended.

The black ionized surface that is now applied to all factory new QRB's vastly improves the surface resistance to scratches and saline environment. The technology behind has been developed to perfection during the last 40 years and is widely used within the aerospace and maritime industries.

In short, the stainless steel is treated by bonding ions of chrome and carbon to the surface with a layer thickness of less than 5 microns.

The reason for our decision to use this technology is, that the glass-hard and smooth surface structure makes the moving parts less vulnerable to lack of lubricant. The technology is typically used in roller bearings and gears, and now in helicopter rescue equipment as well.

EASA standards and certifications for rescue equipment will most likely be required in the future. To reflect this, we have changed the former User Manual into a real Component Maintenance Manual, CMM, and the CE marking is now clearly visible on all system parts.

Current QRB's in use can be upgraded by purchasing specific spare parts. If you have not already received the CMM, version 12, please contact us for further information.

### Suspension Strap

When upgrading the QRB, it might be a good idea to take a close look at the suspension strap. If the five year life time is about to expire, or if it is an older model, it might be worth changing it at the same time. The current standard suspension strap with middle D-ring differs from its predecessor by the ability to carry full load, both upwards and downwards.

This is especially useful when a stuck hoist wire forces a change of hoist hook in open air. The middle D-ring can also be used for carrying additional gear and as attachment point for our lanyard system.

