

The future of release under load systems

930 Quad Lok Release

The only release under load device compliant to aviation requirements of
ATSO C1003, TSO C167, FAR 29.865 & 29.571



First Stage cover closed & secured
Second Stage buttons protected



First stage cover opened
exposing second stage buttons



Second stage buttons depressed to release
tumbler assy and load



Manufacturing and functional requirements based upon historic incidents, customer feedback and global aviation regulations:

- Simple and obvious to action
- Easily release under load with 1 hand
- Protected against inadvertent release
- Only be able to be released by using 2 distinct and separate physical actions to initiate release of the load from the winch hook at a pull force above the point that the clutch slips on hoists
- Protected against a causality on the wire functioning the device
- Not be able to appear secured when the device is not
- Be essentially maintenance free, beyond basic cleaning of device
- Operate with either hand, to account for left/right dominant hand or hand injury on the job
- Simple visual indication of first stage operation
- Easily re-stow should the first stage be actioned and no longer needed

