

# QUICK RELEASE BOX

QRB



## Martin-Baker Quick Release Box (QRB)

The Martin-Baker Quick Release Box (QRB) is designed for use with the Seat mounted Integrated harness. In keeping with the continued drive to ensure post-ejection aircrew survivability, the QRB manually releases the crewmember from the harness and parachute assembly. In addition, the harness and associated QRB will continue to offer the following functionality:

- ▼ Single central harness closure.
- ▼ Operating knob can be rotated in either direction with either gloved hand to release from harness and parachute assembly
- ▼ Integrated arm restraint.
- ▼ Ease of maintenance.

Three versions of the mechanical unit exist:

- ▼ QRB with arm restraints
- ▼ QRB without arm restraints
- ▼ Slimline QRB

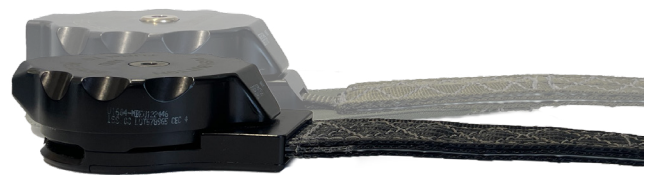
Platforms using the QRB without arm restraint include Hawk, Super Tucano, Gripen, Typhoon, PC-21 and Alpha Jet

### Performance (applicable to all versions of QRB)

<b>Compatibility:</b>	Can be fitted along with any MBA Integrated harness
<b>Installed Life:</b>	30 years
<b>Maintenance:</b>	No need for additional in-depth maintenance or complicated spring changes.
<b>Mass:</b>	Non-Slimline version: 4.4lbs (2 kg)
<b>Upgrades:</b>	Option to further upgrade to MWARS

### Slimline QRB

A Slimline version has also been developed to provide firing handle clearance for short seat buckets.



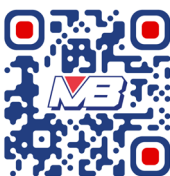
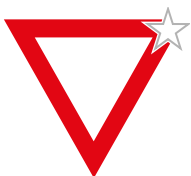
Platforms using this version include Hawk, Gripen, PC-7 MkII and Super Tucano

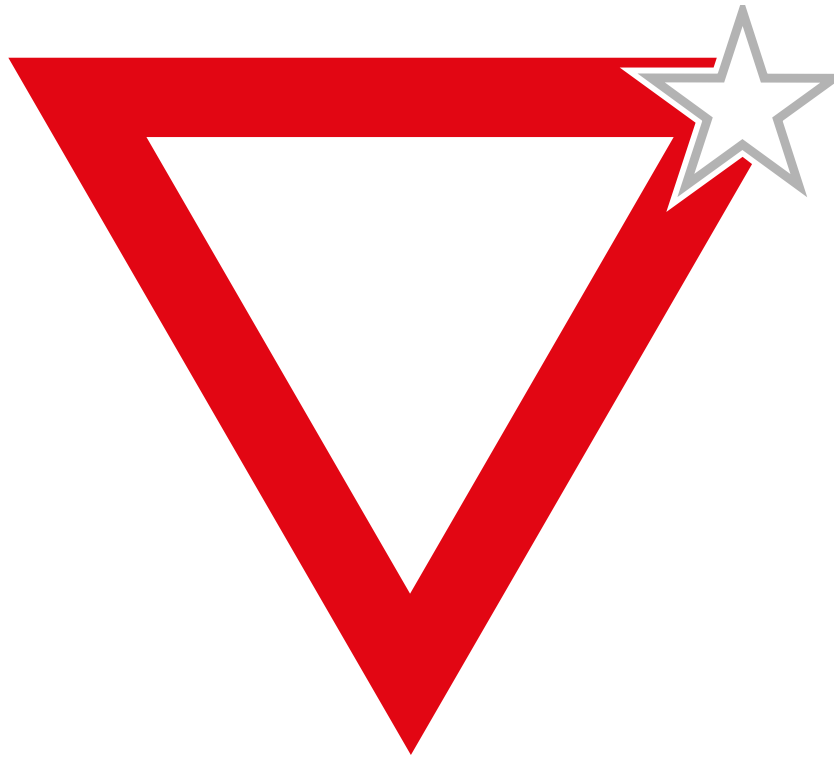
A growth version exists that incorporates automatic release in sea water called

### MWARS

Martin-Baker Water Activated Release System

Platforms using MWARS include F-35, F-16, M-346, KF-21





## AIRCREW SAFETY EQUIPMENT