

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 crew member 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)

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



MK16A

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



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Engineering For Life

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