

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 postejection 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:

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)

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Can be fitted along with any MBA Integrated harness	
30 years	
No need for additional in-depth maintenance or complicated spring changes.	
Non-Slimline version: 4.4lbs (2 kg)	
Option to further upgrade to MWARS	

Slimeline 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

NB Martin-Baker

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