

Mk15B

ULTRA LIGHTWEIGHT ESCAPE SYSTEM



**OVER XXX MK15B
EJECTION SEATS
CURRENTLY IN
SERVICE**



**XX LIVES SAVED
USING A MK15B
EJECTION SEAT**



Martin-Baker is the world's largest manufacturer of Ejection Seats and is dedicated to the design, development and manufacture of life saving aviation equipment.

The MK15 range of seats was initially developed to meet the challenging installation requirements of the Pilatus PC7 aircraft.

The MK15B Seat has been developed to provide a very lightweight and compact escape system for lightweight aircraft with limited space within the cockpit.

- ▼ Ultra Lightweight Design
 - 37kg Installed mass per seat
 - Compact and simple cockpit installation
- ▼ Ejection Performance
 - 60 – 300KIAS Ejection Performance
 - Ejection altitude up to 12,192m (40,000ft)
 - Barostatically controlled parachute deployment, automatically deploying recovery Parachute at 4572m (15,000ft)
 - Ejection gun provides through canopy ejection performance
- ▼ Low Life Cycle Operating Cost
 - Each ejection seat requires only five pyrotechnic devices
 - Simple and easy to maintain
- ▼ 52 – 102kg Aircrew Boarding Mass
- ▼ Aircrew Restraint
 - Ejection Seat can be configured with an integrated restraint/parachute harness or a torso harness option
 - Harness reel provides automatic locking if occupant forward velocity exceeds 0.6m/s or seat experiences 5g in any direction
- ▼ Lightweight recovery parachute complete with;
 - Steering lines to provide greater manoeuvrability
 - 10 water pockets to provide rapid collapse in case of water landing
- ▼ Aircrew Services
 - Seat can be configured to accommodate crew services and connections, e.g. Mic-tel, oxygen supply
 - Emergency oxygen option available to provide up to 10 minutes of oxygen for;
 - In-flight oxygen system failures
 - Oxygen supply in high altitude ejections
- ▼ Manual Override Facility
 - Provides back up to primary ejection sequence
 - Can be used in ejection scenarios in extremely high terrain regions