

Martin-Baker

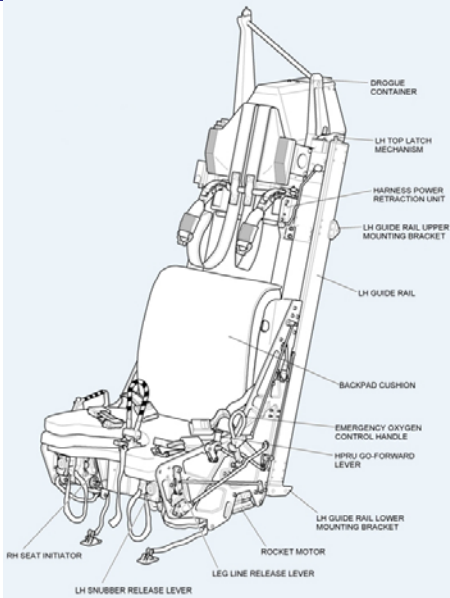
T6/JPATS

The Martin-Baker Mk.16L ejection seat is designed:

- To accommodate the largest ever crew size range, both male and female;
- To safely eject the largest ever crew weight range, both male and female;
- To meet the most stringent ejection injury risk criteria ever specified for ejection seats;
- To be very comfortable;
- To be lightweight, thus benefiting aircraft performance, and compact;
- To be very easily maintained, with maximum safety for ground crew;
- To be reliable;
- To be affordable, throughout its service life;
- To set the standard for the new generation of cost-effective, high performance aircraft escape systems.



SPECIFICATIONS



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| <ul style="list-style-type: none"> ● Operating ceiling ● Minimum height/speed ● Crew boarding mass range ● Crew size range ● Maximum speed for ejection ● Parachute type ● Parachute deployment ● Drogue parachute type ● Drogue deployment ● Harness type ● Ejection seat operation type ● Gun stroke length ● Ejection initiation | <ul style="list-style-type: none"> 35 000 ft (10,668 m) Zero/zero in near level attitude 56-123kg JPATS case 1-7 400 KIAS GQ Type 5000 Cartridge initiated 4.75 ft Cartridge initiated, tilt and deploy Combined or Torso Twin ejection guns and underseat rocket motor 36 in. Handle on seat pan initiates gas operated seat firing system |
| <ul style="list-style-type: none"> ● Electronic sequencer ● Barostatic time-release unit ● Manual override handle ● Timers ● Seat adjustment ● Leg restraints ● Oxygen supply | <ul style="list-style-type: none"> No Yes + g-restrictor. Initiated by gas Yes Time delay cartridges Up/down actuator operated 28 Vdc Yes, one garter Bottled emergency oxygen Onboard oxygen generating system connection |
| <ul style="list-style-type: none"> ● Personal survival pack ● Aircrew services | <ul style="list-style-type: none"> Inflation Personal Equipment Connector - Oxygen (main/back-up/emergency) - Mic/tel - Anti-g suit supply |
| <ul style="list-style-type: none"> ● Command ejection ● Canopy fragmentation ● Miniature detonating cord ● Interseat sequencing system | <ul style="list-style-type: none"> Yes Yes, through canopy back-up Yes Yes, via mode selector |

INSTALLATIONS



T-6