

B MK 73

EMERGENCY ESCAPE PARACHUTE

The Type B Mk 73 parachute assembly is a lightweight, back type assembly designed for use by pilots and aircrew of fixed wing aircraft and helicopters. The 5.8m Aeroconical® Type 4000 canopy is designed to give a smooth controlled inflation at high deployment speeds.



B Mk73 harness

The primary operation of the system is by manual ripcord pull. A back-up facility is provided by an Electronic Static Line (ESL), comprising a static line, a 3-second electronic timer and pyrotechnic cutters.

The assembly includes a 5.8 m Aeroconical® canopy Type 4000 with 20 block constructed gores and 20 rigging lines. Two net panels located at the rear of the canopy provide drive and turn. Steering control is via toggles located on each of the rear risers. The canopy is fitted with water pockets to prevent dragging in the event of a water landing.

The three-point closure harness is of split saddle design for maximum comfort and flexibility. Adjustment facilities make it suitable for all sizes of user. 3-ring canopy releases are fitted to allow release of the canopy if the parachutist is dragged on landing. The harness is manufactured from flame retardant polyester webbing.



5.8m Aeroconical® canopy

The pack is a conventional back type with a slim profile and is manufactured from flame retardant PU coated nylon (Cordura). Tabs fitted to the pilot parachute and the kicker plate ensure that the pilot parachute cannot move position whilst in service.

The parachute assembly is fully compatible with the Airborne Systems Types HA and HH Personal Survival Packs (PSP).

See full technical specification on the reverse.

The Airborne Systems Family of Brands
GQ Parachutes / Irvin Aerospace / Para-Flite / Aircraft Materials (AML)

AIRBORNE SYSTEMS
Dedicated To Preserving The Safety
Of The Mission And Its People

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TECHNICAL SPECIFICATION	
Part No	MRI IGQ 2049
Canopy flying diameter	5.8 m (19.02 ft)
Maximum all up weight (AUW) At 12000ft (3658m) AMSL At 18000ft (5486m) AMSL	143 kg (314 lb) 127 kg (280 lb)
Maximum deployment speed	278 km/h (150kts)
Maximum opening altitude	5486 m (12000ft) AMSL
Rate of descent At AUW 143 kg (314 lb) At AUW 127 kg (280lb)	7.3 m/s (24 f/s) 6.6 m/s (21.6 f/s)
Deployment time At AUW 143 kg (314 lb) and 140kts (260 km/h) At AUW 127kg (280 lb) and 180kts (333 km/h)	2.3 secs 1.98 secs
Pack dimensions	520 x 380 x 90 mm
Assembly weight	9.8 kg (21.6 lb)

