

B MK 73

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 Aeroconical Type 4000 canopy is designed to give a smooth controlled inflation at high deployment speeds.



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 incorporates a 5.8 m Aeroconical canopy 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.

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).

TECHNICAL SPECIFICATION

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

B MK 73 071010-1

© 2007 Airborne Systems - All Rights Reserved

This data sheet is for information only and shall not form part of a contract

Airborne Systems North America
5800 Magnolia Avenue • Pennsauken, NJ 08109-1399, USA
Tel: 856 663 1275 • Fax: 856 663 3028

Airborne Systems Canada Ltd.
35 Wilson Ave. • Belleville, Ontario • Canada, K8P 1R7
Tel: 613 967 8069 • Fax: 613 967 0469

Airborne Systems Europe
Llangeinor • Bridgend CF32 8PL • United Kingdom
Tel: +44(0) 1656 72 7000 • Fax: +44(0) 1656 72 1100