

SHADOW

EMERGENCY ESCAPE PARACHUTE

The Shadow Parachute Assembly is a lightweight, slim profile back type, specifically designed for use in gliders and light aircraft.



Operation is by manual ripcord pull and the canopy is deployed "lines first" by a pilot parachute. The canopy is a 4.8 m Aeroconical Type comprising 20 gores bias constructed with 20 rigging lines. Three net panels located at the rear of the canopy provide drive and turn. Control is via the rear lift webs.

The harness is of split saddle design and is integrated with the pack for maximum comfort and flexibility. Lift webs are incorporated into the harness. Three-point attachment is provided via snaphooks to adjustable D-rings.

The pack is a back type with a slim, contoured profile. The back pad incorporates a pump up bladder assembly to support the lumbar region during prolonged flight.

TECHNICAL SPECIFICATION

Part No MRI GQ 1442
Maximum all up weight 115 kg (254 lb)
Maximum deployment speed 278 km/h (150 kts)
Maximum opening altitude 3658 m (12000 ft) AMSL

Rate of descent:

All up weight 77 kg (170 lb) 5.8 m/s (19 f/s)
All up weight 115 kg (254 lb) 7.0 m/s (23 f/s)

Forward speed:

All up weight 77 kg (170 lb) 3.3 m/s (11 f/s)
Rate of turn 360 deg in 6 secs
Pack dimensions 520 x 330 x 90 mm
Assembly weight 7 kg (15.4 lb)

SHADOW 080401-1

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

© Airborne Systems 2008