

SEAT TYPE

EMERGENCY ESCAPE PARACHUTE

The Seat Type Parachute Assembly is a lightweight, slim profile assembly, specifically designed for use in aerobatic and historic 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 integrated with the pack for maximum comfort and flexibility. A two-point attachment is provided, the leg straps are secured by snaphooks to D-rings located at the chest position via loops on the harness main lift section. Adjustment is achieved by the sliding bar adjustable snaphooks.

The pack is a seat type combination with a slim profile. Tabs fitted to the pilot parachute and the kicker plate ensure that the pilot parachute cannot move position whilst in service.



TECHNICAL SPECIFICATIONS

SEAT TYPE c/w 4.8 m Aeroconical Canopy

Part NoMRI GQ 1845
Maximum all up weight115 kg (254 lb)
Maximum deployment speed278 km/h (150 kts)
Maximum opening altitude3658 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 turn360 deg in 6 secs
Assembly weight6.8 kg (15 lb)

A version of the Seat Type incorporating the 5.8 m Aeroconical Canopy for use at higher all-up weights, bale out speeds and altitudes can be supplied (Part No MRI GQ 1528).

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