

# TP8

## PARACHUTE ASSEMBLY

The TP8 Parachute Assembly is a static line operated system designed to allow fully equipped airborne troops to carry out massed tactical parachute descents on to Drop Zones up to 2,134 m (7,000ft) AMSL.

The TP8 canopy has been developed to meet the US Department of Defense requirement for a replacement for the T-10 canopy. The canopy is larger than the T-10, giving a lower rate of descent for a specified weight, which should result in a reduction in injury rates in both training and operations. The canopy is a highly developed conical type with an extended skirt in which the fabric porosity has been carefully selected to give positive opening characteristics and repeatable height loss performance. Four mesh covered stability slots ensure rapid damping of oscillation. Canopy control is via the lift webs.

The three-point closure harness is of the split -saddle type and is fully adjustable to provide a correct fit for all sizes of paratrooper. The harness incorporates Capewell ground disconnects, upper D rings for the attachment of the reserve parachute and lower D rings for the attachment of the equipment container. The outer pack fully encloses the deployment bag. The externally stowed static line is mounted on the top of the outer pack and is protected by a cover flap.

Repacking and maintenance are conventional and are comparable to the T-10 Assembly.



### TECHNICAL SPECIFICATIONS

Part Number .....	MRI IGQ 2068
Assembly Weight .....	14 kg (31 lb)
Canopy Flying Diameter .....	8.5 m (27.8 ft)
Maximum All-up Weight (AUW) .....	181 kg (400 lb)
Maximum Deployment Speed .....	278 km/h (150 kts)
Minimum Deployment Altitude .....	152 m (500 ft) AGL
Maximum Deployment Altitude .....	6 m (7500 ft) AMSL
Rate of Descent at 160 kg (350 lb) .....	5.5 m/s (18.2 f/s)
Rate of Descent at 181 kg (400 lb) .....	6 m/s (19.6 f/s)