

8m LOW LEVEL PARACHUTE

The 8m Low Level Parachute Assembly is a combination of the 8m Low Level Conical Canopy with the pack/harness assembly of the in-service LLP Mk1.

The 8m Low Level Parachute Assembly is a static line operated paratroop parachute assembly that allows fully equipped airborne troops to carry out massed tactical parachute assaults from jump heights as low as 76m (250 ft). The assembly can be deployed at speeds up to 140 knots (260 km/h) from tactical transport aircraft.

The 8m Low Level Canopy is a highly developed conical canopy fitted with air scoops to give positive opening characteristics and resistance to line twisting which ensures repeatable inflation and height loss performance. In addition, the conical canopy does not suffer from post inflation collapse thus further reducing height loss performance. Four mesh covered stability slots ensure rapid damping of canopy oscillation, a critical feature in a low level parachute. A net skirt is incorporated to eliminate blown peripheries. 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 canopy ground disconnects, two sets of D-ring anchorage points for attachment of a reserve parachute assembly and the weapons/equipment container, a central equipment sling for suspension of the deployed weapons/equipment container. The outer pack fully encloses the deployment bag. The externally stowed static line is mounted on the top outer pack and is covered by a flap. An integral carrying bag is fitted to the side of the outer pack.



TECHNICAL SPECIFICATION

Assembly Weight	13.6 kg (30 lb)
Canopy Flying Diameter.....	8 m (26.25 ft)
All-up Suspended Weight (AUW).....	160 kg (350 lb)
Maximum Deployment Speed	260 km/h (140 kts)
Minimum Deployment Altitude	76 m (250 ft) AGL
Height Loss to Full Canopy Inflation:	
At 160 kg AUW and 140 kts.....	Less than 40 m (131 ft)
Rate of Descent at 160 kg AUW	6 m/s (19.6 f/s)

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