

## MILITARY EMERGENCY ESCAPE PARACHUTE

The Type 956/4000 Military Parachute Assembly is a lightweight, back type assembly designed for use by pilots and aircrew of fixed wing aircraft and helicopters. It is especially suitable for aircrew requiring maximum manoeuvrability such as loadmasters and despatchers.



Operation is by static line or manual ripcord. The integrated SAVA device introduces a time delay between static line or ripcord operation to ensure that the parachutist is at a safe height and speed prior to canopy deployment. An emergency oxygen bottle is contained within the pack for high altitude escape. An override emergency ripcord will allow the parachutist to deploy the canopy independently of the SAVA mode of operation.

The canopy is deployed "lines first" by a pilot parachute. The canopy is a 5.8 m Aeroconical Type comprising a 20 gores block constructed with 20 rigging lines. Two net panels located at the rear of the canopy provide drive and turn. Control is via toggles.

The harness is of split saddle design for maximum comfort and flexibility. Three point attachment is provided via snaphooks to adjustable D-rings. Canopy disconnects are fitted to allow release of the canopy if the parachutist is dragged on landing.

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

### Technical Specification

Canopy flying diameter .....	5.8 m (19.02 ft)
Max all up weight .....	127kg (280lb)
Max deployment speed .....	200KTAS
Deployment delay (SAVA controlled) .....	3 secs
Max opening altitude .....	5486m (18000ft)ASL
Opening altitude (SAVA controlled) .....	1768m (5800ft)
Rate of descent at 127kg .....	6.6m/s (21.6 fps)
Forward speed at 127kg .....	3.0m/s (9.8 fps)
Deployment time at 127 kg at 180 kts .....	1.98 secs
Time to turn 360 deg .....	10 secs
Packed dimensions .....	52x38x9cm (20.5x15x3.5 in)
Approximate weight (less oxygen bottle) .....	8.0kg (17.8lb)



Variants of the Type 956/4000 can be supplied to meet specific customer requirements such as position of ripcords and static line, compatibility with aircrew lifejackets, compatibility with personal oxygen equipment and alternative SAVA settings (time delay and height setting).

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