



MC1-1B/E Parachute Assembly

Technical Data Sheet

General Information

The MC1-1B maneuverable parachute assembly is used primarily for a premeditated jump when a precision landing in a small target area is necessary. The basic canopy is the same as the T-10B assembly, except that there are orifices or cut-out areas in 11 of the 30 gores, creating a gliding type descent. The canopy has two control lines, each extending from an outboard orifice to toggles which may be manipulated in such a way as to make 360° turns. It has a 3 3/4inch mesh anti-inversion net attached to the skirt of the canopy that extends 18-inches below the canopy skirt. When packed for service, the complete assembly weighs approximately 29-lbs (13kg), and has a nominal diameter of 35 feet (10.7m) and a projected or inflated diameter of 24.5 feet (7.5m).

Difference Between Models

Model	Difference
MC1-1B	Standard configuration
MC1-1E	Incorporates the new Universal Static Line with Static Line Snap.

All Canopy Assemblies are manufactured in strict accordance with Personal Parachute U.S. Military Specifications MIL-DTL-6645, MIL-DTL-7567 and MIL-STD-849, latest revisions

Part Numbers

MC1-1B Assembly
NSN: 1670-00-598-0751
P/N: 11-1-900-1

Consist of:

- Canopy: 11-1-1501-1
- Pack: 62J4342
- D-Bag: 56D6276
- Static Line: 56D6481
- Harness: 11-1-2143-1
- Riser: 11-1-2149-1

MC1-1E Assembly
NSN: 1670-01-499-6573
P/N: 11-1-900-4

Consist of:

- Canopy: 11-1-1501-1
- Pack: 62J4342
- D-Bag: 11-1-6994-1
- Harness: 11-1-2143-1
- Riser: 11-1-2149-1

Static Line

- U/N 15' 11-1-6993-1
- U/N 5' Ext: 11-1-6993-2
- With Snap: 11-1-6991-1

MC1-1B/E Characteristics

Shape.....	Parabolic
Diameter (nominal)	35 feet (10.7m)
Gore material.....	1.1 oz., type I ripstop nylon parachute cloth
Vent line material.....	*Type II fluorocarbon treated nylon cord, PIA-C-5040 400lb (181.8 kg) tensile strength.
No of suspension lines	30
Suspension line material.....	*Type II fluorocarbon treated nylon cord, PIA-C-5040 400lb (181.8 kg) tensile strength
Length of suspension line (connector link to lower lateral band)..	25 ft. 6 in. (7.8m)
Maximum Weight Capacity.....	360lbs (163kg)
Complete Assembly Weight.....	29 lbs (13kg)
Steerable.....	Yes
Maximum Jump Wind Speed.....	15 mph (13 knots)
Descent Rate.....	Avg. 18 ft./sec (5.5 m/s)
Minimum Deployment Altitude.....	500 ft (152m)
Maximum Deployment Speed.....	173 mph (150knots)
Turn 360°.....	8-9 seconds
Forward Thrust.....	9.5 mph (8knots)
Age Life.....	16.5 years
Service Life.....	12 years

* Non-Fluorocarbon lines are available *

