



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 3/4 inch 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). All material colors are U.S. Army Foliage Green #504.

****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 nylon cord, PIA-C-5040 400lb (181.8 kg) tensile strength.
No of suspension lines	30
Suspension line material.....	Type II nylon cord, PIA-C-5040 400lb (181.8 kg) tensile strength
Length of suspension line (connector link to lower lateral band)..	22 ft. (6.7m)
Maximum Weight Capacity.....	360lbs (163kg)
Complete Assembly Weight.....	29 lbs (13kg)
Steerable.....	Yes
Maximum Jump Wind Speed.....	15 mph (13 knots)
Descent Rate (Sea Level).....	Avg. 20 ft./sec (6.1 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

