

# MC-6

## Maneuverable Troop Parachute



### AIRBORNE SYSTEMS NORTH AMERICA

sales@airborne-sys.com  
airborne-sys.com

### CALIFORNIA

3100 W. Segerstrom Avenue  
Santa Ana, CA 92704, USA  
Tel: +1.714.662.1400  
Fax: +1.714.662.1586

### NEW JERSEY

5800 North Magnolia Avenue  
Pennsauken, NJ 08109, USA  
Tel: +1.856.663.1275  
Fax: +1.856.663.3028

WHERE TECHNOLOGY **»** TAKES FLIGHT

# MC-6

## MANEUVERABLE TROOP PARACHUTE SYSTEM

Designed for precision infiltration of paratroopers, the MC-6 has the latest advances in the design of hemispherical maneuverable parachutes.

The MC-6 is a highly modified 28 gores multi-conical parachute. The canopy surface area is 74.8 m<sup>2</sup> and is equipped with a control system which makes it possible to carry out rapid rotations with minimal oscillations.

The horizontal speed can be controlled during the flight.

A unique feature of the MC-6 is its ability to perform reverse flight in full brake. This allows the parachutist to easily adjust his glide path during final approach.

The low descent rate of this parachute is ideal to carry out infiltration missions safely, on all types of drop zones, including those located at high altitudes.

The MC-6 is the optimum parachute for teams of specialists conducting covered operations at low altitude.

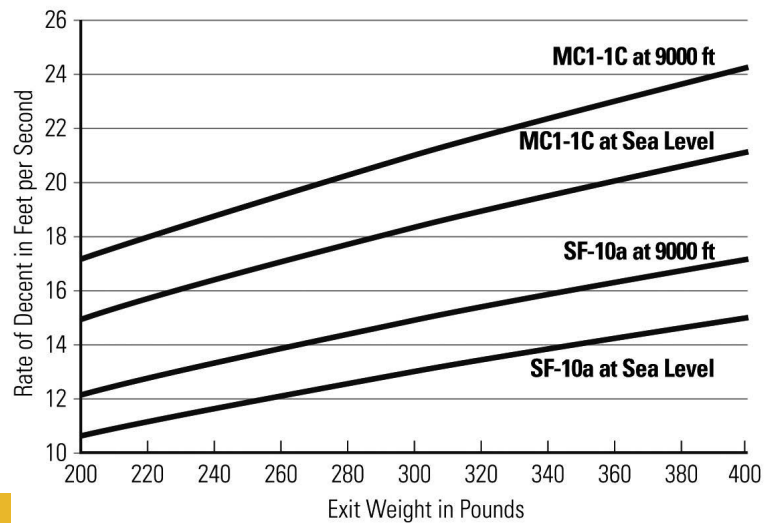
### MC-6 Parachute System

- SF-10A Main Canopy
- T-11R Reserve or Spartan Reserve
- T-11 Harness

### Harness

- Saddle design with multi-directional adjustment
- Two rugged canopy release assemblies meeting stringent requirements
- Full adjustability from the 5th to 95th percentile for both males and females
- Four comfort pads at the shoulders and under the leg straps for enhanced comfort
- Two main harness straps can be pre-sized prior to donning for an improved fit

MC-6 vs. MC1-1C -- Weight vs. Rate of Descent Chart



## Specifications

	MC-6	MC1-1C
Maximum exit weight	400 lb (181 kg)	360 lb (163 kg)
Minimum exit altitude AGL	500 ft (152 m)	500 ft (152 m)
Maximum exit velocity	150 KEAS	150 KEAS
Time for 360° turn	5 seconds	9 seconds
Assembled weight (w/o reserve)	29 lb (13 kg)	29 lb (13 kg)
Nominal diameter	32 ft (9.8 m)	35 ft (10.7 m)
Number of gores	28	30
Canopy material	PIA-C-44378 T4	MIL/PIA-C-44378 T1
Suspension line		
Material	PIA-C-5040 Type II	PIA-C-5040 Type II
Length	21.3 ft (6.5 m)	22 ft (6.7 m)
Tensile strength	400 lb (1780 N)	400 lb (1780 N)