

# MC-6+

## Maneuverable Troop Parachute



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WHERE TECHNOLOGY **»** TAKES FLIGHT

# MC-6+

## MANEUVERABLE TROOP PARACHUTE SYSTEM

The MC-6+ is the next evolution of the trusted MC-6, used by U.S. Special Forces since 2009. It's tailored for precise infiltration of heavily loaded jumpers. With enhanced features including a larger canopy, higher maximum deployment weight, and slower descent rate, MC-6+ maintains the legacy of safety and reliability.

### Main Canopy (MC-6+)

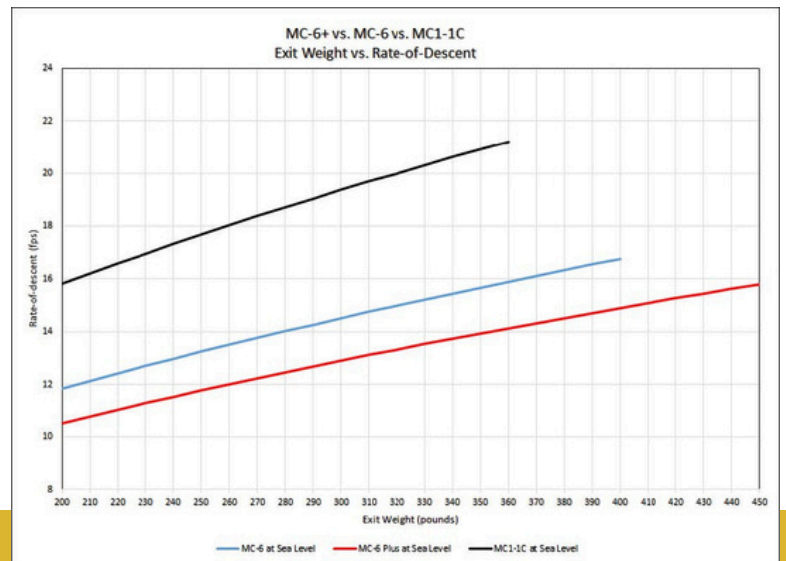
The MC-6+ canopy is a highly modified parachute with a unique drive system that enables quick turns with minimal pendular motion, allowing control of forward speed and turn rate. It retains the unique capability of allowing jumpers to back-up in deep brakes and exhibits softer openings at higher elevations avoiding damage seen in the MC1-1C under similar deployment conditions. Despite its slightly larger size, it can be packed into a standard MC-6 pack tray for easy transition with main parachutes.

### Reserve Parachute (T-11R)

- Aeroconical reserve canopy that has proven its reliable performance while in service with U.S. and International Militaries
- Ensures rapid deployment with minimal post-inflation collapse and altitude loss
- Designed to inflate in all malfunction modes and even with a full main canopy
- Provides comprehensive safety in case of inadvertent deployment

### 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



## Specifications

	MC-6+	MC-6	MC1-1C
Maximum exit weight	450 lb (204 kg)	400 lb (181 kg)	360 lb (163 kg)
Minimum exit altitude AGL	500 ft (152 m)	500 ft (152 m)	500 ft (152 m)
Maximum exit velocity	150 KEAS	150 KEAS	150 KEAS
Time for 360° turn	9 seconds	5 seconds	9 seconds
Assembled weight (w/o reserve)	32 lb (14.5 kg)	29 lb (13 kg)	29 lb (13 kg)
Nominal diameter	36 ft (11 m)	32 ft (9.8 m)	35 ft (10.7 m)
Number of gores	28	28	30
Canopy material	PIA-C-44378 T4	PIA-C-44378 T4	MIL/PIA-C-44378 T1
Suspension line			
Material	PIA-C-2754 Type II	PIA-C-5040 Type II	PIA-C-5040 Type II
Length	25 ft (7.6 m)	21.3 ft (6.5 m)	22 ft (6.7 m)
Tensile strength	600 lb (2669 N)	400 lb (1780 N)	400 lb (1780 N)