

# MC1-1X

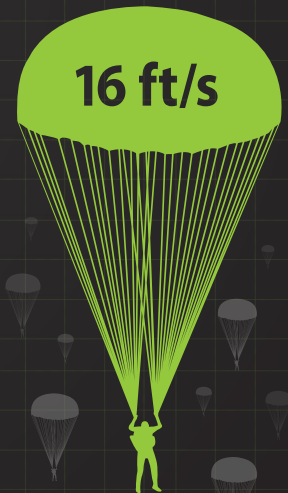
## TROOP PARACHUTE SYSTEM



The MC 1 - X Troop Parachute Assembly is the next generation T -10 and MC 1 - 1 Series for a modern Military Static Line Troop Parachute System.

Aerodyne's MC 1 - 1 X has a significantly reduced oscillation of 2 degrees from the vertical coupled with an enhanced vertical rate of descent 30% less than traditional military assemblies. These benefits result in a much reduced lower limb accident rate, the capability of carrying additional combat equipment loads and the ability for safely landing on high altitude drop zones up to 15 000ft ASL.

At the same time, the MC1 - 1X maintains predictable and soft opening sequences at a variety of exit speeds and deployment altitudes. The MC1 - 1X packs securely into a Technologically and Ergometric Advanced Harness / Container System. The T - 10R - X Reserve Assembly is AAD compatible and incorporates enhanced deployment designs resulting in the fastest deployment and fill time in the Industry.



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STEERABILITY	Steerable & Non-Steerable
NOMINAL DIAMETER	32ft (9.75m)
NUMBER OF GORES	30
CANOPY MATERIAL	MIL-SPEC 1.6oz Ripstop Nylon 6.6
SUSPENSION LINE	600lbs (272kg) Nylon
ASSEMBLY WEIGHT	28lbs (12.7kg)
MAX EXIT WEIGHT	400lbs (181kg)
MAX EXIT SPEED	150 KEAS
MAX EXIT ALTITUDE	15,000 ft ASL
RATE OF DESCENT:	
200lbs	12.0 ft/s
300lbs	14.5 ft/s
360lbs	16.0 ft/s
400lbs	17.5 ft/s
OSCILLATION	0-2° Vertical
TURN RATE 360°	4.0 Seconds

### SPECIFICATIONS:

- REDUCTION IN LANDING INJURIES
- HIGHER EQUIPMENT LOAD CARRYING WEIGHT
- AAD COMPATIBLE
- SLOW DESCENDING CANOPY
- LOWER EXIT ALTITUDES
- HIGHER LANDING ALTITUDES FOR HOT & DRY DROP ZONES < 15 000ft ASL.
- STRONGER, WEAR RESISTANT 1.6 oz DOUBLE RIPSTOP FABRIC