

# MC1 - 1C

## TROOP PARACHUTE SYSTEM

ITEM	MC1-1C
NATO STOCK NUMBER	1670-00-262-2359
TYPE PARACHUTE	10% Extended Skirt
STEERABILITY	Steerable
NOMINAL DIAMETER	35ft (10.7m)
NUMBER OF GORES	30
CANOPY MATERIAL	MIL-C-44378 T1 Low Porosity 1.1oz Ripstop Nylon
SUSPENSION LINE MATERIAL	MIL-C-5040 T2
SUSPENSION LINE LENGTH	22ft (6.7m)
SUSPENSION LINE TENSILE STRENGTH	400lbs (181kg)
STATIC LINE LENGTH	15ft (4.9m)
STATIC LINE SNAP	MS70120
STATIC LINE 360	7.7 Sec
ASSEMBLY WEIGHT	29lbs (13kg)
MAX EXIT WEIGHT	360lbs (163kg)
MAX EXIT SPEED	150 KEAS
MAX EXIT ALTITUDE	500ft AGL
FORWARD SPEED	15ft/s (4.5m/s)
RATE OF DESCENT 200 lbs	16ft/s
300 lbs	19ft/s
360 lbs	21ft/s

The Aerodyne logo features a stylized blue and green 'A' followed by the word 'erodyne' in a green, italicized sans-serif font.