

MILITARY PHOENIX

MP-Series Main Canopy













The Military Phoenix (MP) Series is an advanced medium-high aspect ratio, moderately tapered, nine-cell tactical main canopy offering an increase in maximum suspended weight capability for the solo jumper.

Constructed entirely of zero-porosity ripstop nylon material, the MP-Series canopy will provide optimal offset performance throughout the entire lifespan of the canopy and is available in the M1 or M2 configuration.

The MP-Series is the workhorse of solo operations that may require working loads up to 490 lb (222 kg). This series is ideal for the solo operator carrying full combat equipment with a heavy Parachutist Drop Bag (PDB), including K9 operations.

The MP-Series is available in the M1 or M2 configuration. MP-M1 series is designed for drogue-fall and freefall operations. The MP-M2 series is compatible with drogue-fall, freefall and double bag static line operations.



	M1*	M1C	M2*	M2C
Freefall				
Static Line				
Stainless Steel Hardware				
Partial Cadmium Hardware				
Nomex Buffer Panel				
Cotton Buffer Panel				

*Preferred configuration for water submersion

PRODUCT SPECIFICATIONS

MP - SERIES MAIN

9 - Cell Main Parachute

MODEL / SIZE	MP-360	MP-330	MP-300	MP-280	MP-260
ASPECT RATIO	2.71:1	2.71:1	2.71:1	2.71:1	2.71:1
CANOPY AREA	360 sq ft (33.4 sq m)	330 sq ft (30.7 sq m)	300 sq ft (27.9 sq m)	280 sq ft (26.0 sq m)	260 sq ft (24.2 sq m)
CANOPY SPAN	31.7 ft (9.7 m)	29.9 ft (9.1 m)	28.5 ft (8.7 m)	27.6 ft (8.4 m)	26.6 ft (8.1 m)
CANOPY CHORD CENTER/TIP	12.1 ft/9.3 ft (3.7 m/2.8 m)	11.6 ft/9.0 ft (3.5 m/2.7 m)	11.1 ft/8.5 ft (3.4 m/2.6 m)	10.7 ft/8.3 ft (3.3 m/2.5 m)	10.3 ft/8.0 ft (3.1 m/2.4 m)
MAXIMUM WEIGHT	490 lb (222 kg)	450 lb (204 kg)	410 lb (186 kg)	380 lb (172 kg)	355 lb (161 kg)
MAXIMUM DEPLOYMENT ALTITUDE (MSL)	Capable - 35,000 ft (10,668 m) Demonstrated - 33,500 ft (10,211 m)				
MINIMUM DEPLOYMENT ALTITUDE (AGL)	3,500 ft (1,067 m)	3,000 ft (914 m)	5,500 ft (762 m)	2,500 ft (762 m)	2,500 ft (762 m)
FORWARD SPEED	26 - 42 mph (42 - 68 km/h)				
RATE OF DESCENT FULL FLIGHT	12 - 16 ft/s (3.6 - 4.9 m/s)				
RATE OF DESCENT 50% BRAKES	8 - 12 ft/s (2.4 - 3.6 m/s)				
MAXIMUM DEPLOYMENT SPEED	150 KTS EAS @ Sea Level				
DEPLOYMENT METHOD	Freefall or Double Bag Static Line				
CANOPY MATERIAL TYPE	Nylon Ripstop Coated Zero Porosity				
CANOPY CONSTRUCTION	Chord-wise construction, full cell I-beam, with span-wise and chord-wise reinforcement				
LINE TYPE AND STRENGTH	Treated Polyester 600, 900, 1200 and 1575 lb				
L:D	Approximately 3.7:1				
STALL	Resistant to stall with gentle stall characteristics				
TURN RATE - 180° TURN	Approximately 2 seconds				
TURN RATE - 360° TURN	Approximately 3 - 5 seconds				

MP OPTIONS

M1: Freefall-only with Stainless Steel Hardware
M1C: Freefall-only with partial Cadmium Hardware
 Single and Dual Controls Available

STATIC LINE AND FREEFALL USE

M2: Nomex buffer panel and Stainless Steel Hardware
M2C: Cotton Buffer panel and partial Cadmium Hardware