

# M10-310 HALO / HAHO

## ADVANCED TACTICAL ASSAULT PARACHUTE SYSTEM

- Identical Main and Reserve Canopies with Identical Performance.
- Smooth and On-Heading Openings with a Long Distance Glide Ratio.
- Light Steering Toggle pressure for ease of Control and Extended HAHO flight.
- Responsive and Controlled Landing Flare.
- 7 Point Adjustable Harness with Comfort Inserts on the Leg Pads for Maximum Fit, Flexibility and Comfort.
- Maximum use of Heavy Duty Equipment Rings for all Load Options.
- Compatible with all High Altitude Oxygen Systems
- Compatible with all Main / Reserve AAD Instruments.
- Mil / PIA Spec Materials on Critical Load Bearing Structures.
- N.A.T.O. Codified.

### TECHNICAL SPECIFICATIONS:

PART	M10-310 FF
N.S.N. NUMBER	1670-18-185-6038
AREA	310 ft <sup>2</sup>
SPAN	8.223m (26.98ft)
CHORD	3.276m (10.75ft)
ASPECT RATIO	2.51
PLANFORM FACTOR	6.6
NUMBER OF CELLS	9
VOLUME	9.8 L (600 in <sup>3</sup> )
FABRIC	F111 0-3 CFM NYLON 6.6 RIPSTOP
SUSPENSION LINE	428 Kg (944 Lbs) POLYESTER (Dacron)
GLIDE RATIO	3.5 : 1
FORWARD SPEED	FULL FLIGHT: 30-40 km/hr
RATE OF DESCENT	FULL FLIGHT: 4.5–5.0 m/s



### OPERATIONAL SPECIFICATIONS:

DEPLOYMENT METHOD	SPECIFICATION	
FREEFALL BOC SRING LOADED PC	MAX AUW	170 Kg
	MIN AUW	68 Kg
	RECOMMENDED DEPLOYMENT SPEED	130 KIAS
	MAX DEPLOYMENT SPEED	150 KIAS
	MAX OPENING ALTITUDE – HAHO	30000 FT ASL
	MAX EXIT ALTITUDE – HALO	35000 FT ASL
STATIC LINE DIRECT BAG	MIN OPENING ALTITUDE	2000 FT AGL
	DIRECT BAG MAX AUW	170 Kg
	MIN AUW	68 Kg
	RECOMMENDED DESPATCH SPEED	100 KIAS
	MAX DESPATCH SPEED	130 KIAS
	MAX OPENING ALTITUDE	15000 FT ASL
STATIC LINE DOUBLE BAG	MIN OPENING ALTITUDE	2000 FT AGL
	DOUBLE BAG MAX AUW	170 Kg
	MIN AUW	68 Kg
	RECOMMENDED DESPATCH SPEED	130 KIAS
	MAX DESPATCH SPEED	150 KIAS
	MAX OPENING ALTITUDE	25000 FT ASL
	MIN OPENING ALTITUDE	2000 FT AGL

