

MARAUDER

Canopy



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WHERE TECHNOLOGY **»** TAKES FLIGHT

Marauder

CANOPY

Marauder combines the high glide performance of the Hi-5 series of parachutes, while borrowing the more conservative profile and docile behavior of the Intruder® series. The result is a new military freefall parachute, possessing the best capabilities from both product lines.

Marauder is a 9 cell canopy, utilizing the same planform, pressurized end cells, and proven reliability of the Intruder® canopy, fielded by the U.S. Army as RA-1. Utilizing the wingtip geometry and trim from the Intruder® gives the Marauder the same light toggle pressure, stability in deep brakes, on-heading openings, and powerful flare as the proven Intruder® design.

Marauder features a high-lift airfoil section for the center cells, providing an improved glide ratio over the traditional Intruder®. The Marauder is capable of glide modulation, which was invented by Airborne Systems and used on the Hi-5 parachute series.

Glide modulation is a new technology for parachute control, unique to Airborne Systems. An additional control toggle is installed on the front riser that allows the pilot to smoothly transition Marauder's glide ratio from full flight at 4.5:1, down to a steep glide at 1.5:1.

Glide modulation allows jumpers to land in small areas using a straight-in approach without deep brakes or low turns. Glide modulation can also achieve any glide ratio within the range, allowing jumpers to build and maintain stacks intuitively, at low closing speeds, which improves safety and reduces training required to achieve high proficiency.

Marauder main canopy is compatible with the Intruder® (RA) or the Hi-5 reserve canopies, and has a pack volume compatible with any container currently equipped with the RA or the Hi-5 series.

Specifications

Glide Ratio

Maximum	4.5:1
Minimum	1.5:1

Number of Cells 9

Max Deployment Altitude 25,000 ft (7620 m) AMSL

Min Exit Altitude (Freefall) 5,000 ft (1524 m) AGL

Min Deployment Altitude 3,500 ft (1067 m) AGL

Deployment Methods
 Spring Loaded Pilot Chute
 Bottom-of-Container Pilot Chute
 Drogue deployed (Multi-Mission System)
 Double Bag Static Line

	Marauder 270	Marauder 300	Marauder 360
Canopy Area	270 ft ² (25.1 m ²)	300 ft ² (27.9 m ²)	360 ft ² (33 m ²)
Maximum All Up Weight	290 lb (132 kg)	360 lb (163 kg)	450 lb (204 kg)
Minimum All Up Weight	140 lb (63.5 kg)	141 lb (64 kg)	165 lb (75 kg)