

The 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.

The 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.

The 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 the 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.

The Marauder main canopy is compatible with the Intruder® (RA-1) or the Hi-5 reserve canopies, and has a pack volume compatible with any container currently equipped with the RA-360 (RA-1) or the Hi-5 370.



Marauder Specifications

Canopy Area	360 ft ² (33 m ²)
Glide ratio	
Maximum	4.5: 1
Minimum	1.5: 1
Number of Cells	9
Max All Up Weight	450 lb (204 kg)
Min All Up Weight	165 lb (75 kg)
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

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WHERE TECHNOLOGY » TAKES FLIGHT

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