

# HI-5 Canopy



Hi-5 Main Canopy



Hi-5 Reserve Canopy

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WHERE TECHNOLOGY **»** TAKES FLIGHT

# Hi-5

## CANOPY

Hi-5 is one of Airborne Systems free fall parachute canopies designed specifically for HAHO missions, although it is also suitable for HALO. The design concept was to bridge the gap between the Intruder 360 and Hi-Glide 380 canopies adding another option to the RA-1 family of parachute systems. Hi-5's design capitalizes on the handling characteristics of the Intruder, and performance of the Hi-Glide, and embraces the tactical consideration of a true 'main on main' (main and reserve with identical flight performance) tactical parachute system. Hi-5 is available in a 300 and 370 canopy.

### Hi-5 Offers:

- Increased performance over the Intruder canopy with a higher AUW, and greater glide ratio.
- A silent, controllable and safe canopy\*
- Ease of use and maintenance

\*Even in full brake, the canopy does not stall. The toggle's pressure is light even with heavy weight.

A unique feature of Hi-5 is the patented Glide Modulation system. Additional toggles on the front risers allow the jumper to modulate the glide of the canopy gradually from the >5 to 1.5. The glide modulation can be performed with the steering toggles still in hand. This feature can be used while flying in formation to maintain a tight stack, to lose altitude quickly over the target without having to do spirals or S-turns. It can be used for very accurate landings, even on a small Drop Zone. The Glide Path Modulation is a unique and powerful tool for any type of military free fall operations.

## Specifications

	Main (All)	Reserve
Glide Ratio	5:1	5:1
Max Deployment Altitude	25,000 ft (7620 m) AMSL	25,000 ft (7620 m) AMSL
Min. Recommended Exit Altitude (Freefall)	5,000 ft (1524 m) AGL	-
Min. Recommended Deployment Altitude	3,500 ft (1067 m) AGL	-
Main Parachute Deployment Methods	Spring Loaded Pilot Chute Double Bag Static Line Bottom of Container Throw Out Chute Drogue Deployed (Multi-mission system)	-
Rate of Descent at 350 lbs/159 kgs	7.5 ft/s or 2.3 m/s	-
Forward Speed at 350 lbs/ 159 kgs	40 ft/s or 12 m/s	-
Reserve Parachute Certification	-	PIA TS-135v1.4

	Hi-5 300	Hi-5 370
Canopy Area	300 ft <sup>2</sup> (27.9 m <sup>2</sup> )	370 ft <sup>2</sup> (34.4m <sup>2</sup> )
Max All Up Weight	300 lb (136 kg)	370 lb (167kg)
Minimum All Up Weight	141 lb (64 kg)	210 lb (95 kg)