

GEMINI

Tandem Parachute System



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WHERE TECHNOLOGY **»** TAKES FLIGHT

Gemini

TANDEM PARACHUTE SYSTEM

Dedicated to military tandem operations, this parachute system combines high carrying capacity with exceptional flight performance and unique glide modulation capability. A 'two-stage collapse' square drogue attached between the main and reserve parachute containers ensures a stable and comfortable freefall descent, guaranteeing smooth openings even at maximum operating weight and altitude. Successfully tested to extreme weight and speed conditions, Gemini is the ultimate tandem parachute system for military HAHO and HALO operations.

Main Parachute

The Gemini Main is available as a 430 or 530 sqft fully elliptical canopy. Its mildly tapered planform (20% reduction between the center and wingtip chords) ensures positive stability in turbulent conditions while reducing steering forces. With a glide ratio of 4.5:1, this parachute is fully compatible with the Hi-5 and Marauder Parachute Systems series, allowing a tandem pair to participate in HAHO or HALO teams with consistent performance.

Reserve

- Gemini 430 uses the Intruder 360 Reserve Tandem Parachute System. The reserve features the same maximum and minimum All Up Weight as the Gemini 430 Main Canopy.
- Gemini 530 is designed as a main-on-main system. The reserve features identical performance as the main.

Glide Modulation

The main canopy has a built-in patented Glide Modulation system, which allows the jumper to modulate the glide ratio of the canopy anywhere between 4.5:1 and 1:1. The glide modulation is controlled by an additional set of toggles placed on the front risers. This allows the tandem master to adjust the position of the tandem with the rest of the team.

Features

- Attachment of the drogue in the middle of the container between the main and reserve compartment, ensuring a flat and comfortable position for the jumper under drogue
- Container Out-Of-Sequence-Deployment Security protection against out of sequence deployments where the main deployment bag becomes free from the main container during droguefall
- Unique dual-stage drogue collapse ensures a smooth pull of the deployment bag out of its container, reducing the snatch force and eliminating the trap-door effect at drogue release
- Oxygen attachment points on main and passenger harness

Accessories

Each system comes with:

- Tactical passenger harness

Specifications

	Gemini 430 Main	Gemini 530 Main / Reserve
Glide Ratio	4.5:1	4.5:1
Canopy Area	40 m ² (430 ft ²)	49 m ² (530 ft ²)
Maximum All Up Weight	250 kg (550 lb)	300 kg (660 lb)
Minimum All Up Weight	107 kg (235 lb)	107 kg (235 lb)
Maximum Recommended Deployment Altitude	7620 m (25,000ft)	7620 m (25,000ft)

Additional Options

- K9 harness

