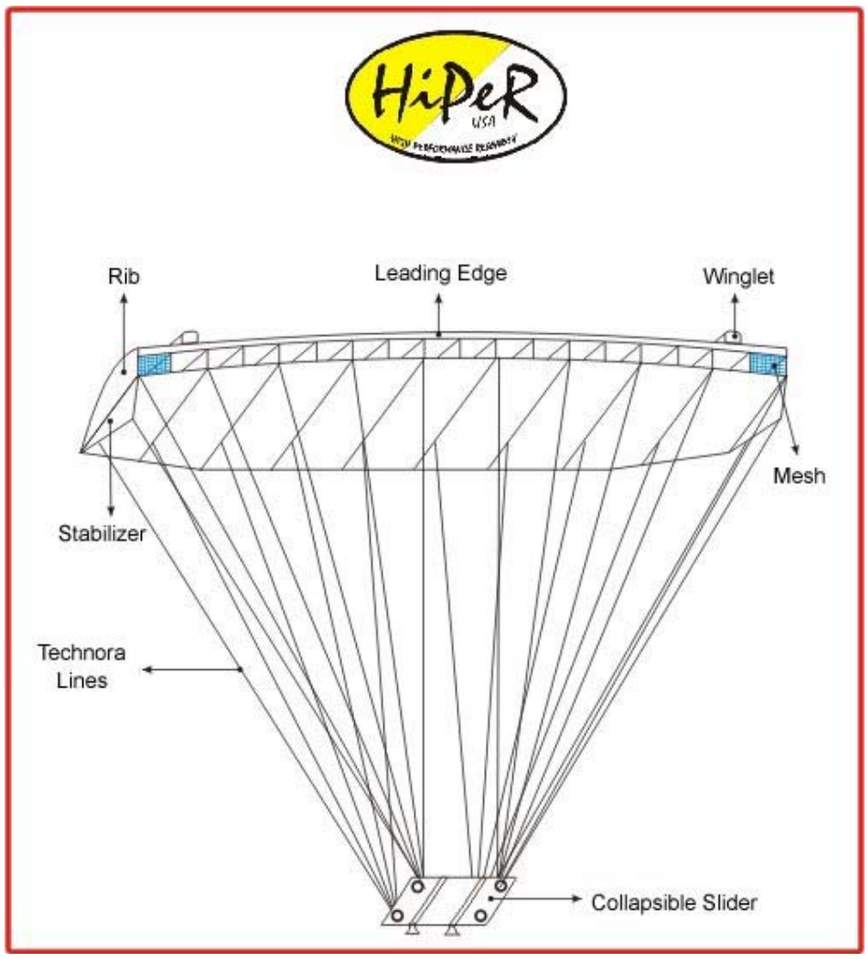

Winglets The Winglets, which are attached to the upper surface of the canopy, add stability in several ways. Inspired by airplanes and paragliders, we transferred this technology to our canopies. Due to improved airflow, the touchdown (or stall) speed of the canopy is slowed considerably. Winglets provide for better recovery from steep carving turns, and improve directional control during cross-wind landings. They also help to prevent the diving effect of line twists that is often associated with eliptical canopies.

.

Leading Edge The leading edge is attached spanwise as a single piece of fabric to the upper surface of the canopy. The bottom is fastened to each rib by small tapes. In test jumps this type of leading edge has proven to effectively stabilize the canopy during the landing flare.

Profile The profile (or rib shape) of the canopy is designed to provide optimal lift. Airflow separation is effected very late and is extremely good-natured. The pilot will not experience the typical "bowtie" with our canopies, instead the stall is docile and predictable. These characteristics make it possible with high wing loadings to have a very deep control stroke in the flair without experiencing an immediate stall.

Mesh The openings of the end cells are covered with mesh. It is known that the end cell is greatly distorted while making steep turns. The mesh covering keeps the opening of the end cells properly shaped and they retain good pressurization.

Technora Lines Technora (HMA) is very dimensionally stable, meaning that the canopy will stay in perfect trim throughout its lifespan. We use a completely new material that is manufactured to prevent UV damage. It also demonstrates good resistance to abrasion and buckling when compared to vectran. The lines are continuous, without the use of cascades. This combination of stability and continuity guarantees a better shaping of the wing which results in improved aerodynamics and flight characteristics. The continuous lines offer another advantage; lines can be replaced in the field without any sewing. This increases economy, as the canopy need not be returned to the factory for a new lineset.

Stabilizer The outboard lines are attached directly to the stabilizer and not to the lower surface of the canopy. This creates a much improved aerodynamic wing, and opening impact is distributed evenly on the entire surface of the stabilizer and its associated rib.

Collapsible Slider Our Slider is very easy to collapse and open again for packing. In addition, our kill-line system is very strong and maintenance-free. We use brass grommets in combination with soft links, which produce smooth openings and never need replacement.

Blade Canopy Specifications

Size	ASP. Ratio	Min. Exit Weight	Max. Exit Weight	Pack Volume	Min. Cord	Max. Cord	Wing Span
58	2.56	93lbs/ 42kg	128lbs/ 58kg	182 cu in	99 cm	141 cm	369 cm
68	2.56	109lbs/ 50kg	150lbs/ 68kg	198 cu in	104 cm	151 cm	401 cm
78	2.56	125lbs/ 57 kg	172lbs/ 78kg	214 cu in	110 cm	161 cm	426 cm
88	2.56	141lbs/ 64kg	194lbs/ 88kg	242 cu in	120 cm	171 cm	455 cm
98	2.56	157lbs/ 71kg	216lbs/ 98kg	256 cu in	125 cm	181 cm	476 cm
108	2.56	173lbs/ 79kg	238lbs/ 108kg	273 cu in	132 cm	191 cm	501 cm
120	2.56	192lbs/ 87 kg	264lbs/ 120kg	310 cu in	147 cm	201 cm	530 cm

Click the "Back" button on your web browser to return to the previous page.