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Skylark Scirocco™

User Manual

<http://www.skylark.ua>

Warning!

Training and/or experience are required to lower the risk of serious injury or death. Read and comply with all manufacturers' manuals, recommendations and limitations.



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Introduction

The fast development of swooping forces the canopy manufacturers to reach technical excellence when developing new products. After two years of searching for the optimal configuration we're happy to present the latest 30-cell ultra high performance cross-braced canopy, the Scirocco, designed for competitive canopy piloting!

By listened to experienced swoopers when designing the Scirocco and using their feedback, we've design what we think is the optimal canopy for swooping.

The Scirocco is a beautiful canopy with minimal air intakes, a smoothly shaped nose and it is built with 30 sections to give a really low profile, making the canopy have less induced resistance and allowing the pilot to reach an even higher performance.

The Scirocco opens softly and flies great in deep brakes. The removable slider is easy to disconnect with just a single hand. It can also be delivered with a traditional collapsible slider.

The canopies profile and line trim makes it easy to keep the canopy diving for a long time which gives you a high speed, but a high speed with no control is of little use so we've designed the canopy to make it easy to fly with the front risers, even at high speed after many rotations, making it easy to reach the gate. The back risers have a long range that translates into efficient flight, even at low speeds. Once transitioning to the toggles the canopy does not become much distorted, keeping its efficient form for an even longer swoop.

Canopy data

Model/Size in square feet	Packed Volume	Weight	Maximum Exit Weight lbs (kg)
SC-64	232	4 (2)	166 (75)
SC-68	242	4 (2)	177 (80)
SC-72	253	4 (2)	187 (91)
SC-77	266	4 (2)	200 (91)
SC-82	279	5 (2)	213 (97)
SC-87	291	5 (2)	226 (103)
SC-93	307	5 (2)	242 (110)
SC-99	323	5 (2)	257 (117)
SC-106	341	6 (3)	265 (120)
SC-114	361	6 (3)	265 (120)
SC-124	387	6 (3)	265 (120)

The canopies are made of ZP-fabric, the suspension lines are made of either HMA-350 or HMA-400 lines with protective coating and the lower control lines are made of HMA-950 lines.

The canopy is delivered with either a collapsible slider or a full RDS system, including a swivel link to prevent a spinning pilot chute from distorting the slider during opening.

Recommendations

To maintain safety margins for heavier pilots, Skylark recommend the usage of HMA-400 lines for canopies above 82 square feet.

We recommend a wing loading between 1.9 and 2.6 lbs/sq.ft. Optimal performance is reached with a wing loading between 2.2 and 2.5 lbs/sq.ft.

Skylark recommends that only kill line equipped pilot chutes made of ZP-fabric with a diameter of at most 700mm be used.

Scirocco is optimized for risers from 500mm for the Scirocco 64 upto 600mm risers for the Scirocco 124.

Skylark recommends that the Scirocco is packed with a standard ProPack.

Contact information

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