

PEAK 5

Unbeatable flying



PEAK 5

Concept



PERFORMANCE

The optimisation of the profile and the internal structure make the fifth generation a fast and top performance wing.



ACCESSIBILITY

The EN D glider with the most smooth and direct handling in its class. Its communicative spirit ensures total control and maximum efficiency in each phase of flight.



COMFORT

Improved handling and flight characteristics guarantee that enjoying the flight is fully compatible with getting maximum performance from the wing.

PEAK 5

Target



> What type of pilots?



> What type of flights?



Cross-country

Fly long distances whilst enjoying maximum comfort and quality of flight.



Competition

Get the best out of competitions with a glider that will allow you to always be ahead of the pack.

PEAK 5

Advantages



High performance

- A new and improved wing angle orientation has minimised drag and improved glide and speed
- A profile that uses the movements of the air as a source of energy, attacks and scales the different air masses and takes advantage of this inertia to improve glide and increase performance.
- Greater speed in flight without the need to accelerate and without compromising the ease of take off or the ability to retain speed when landing.



Accessible and fun flying

- Unprecedented accessibility in its category.
- Easy B-riser steering thanks to the new Ergo risers.
- Great comfort in flight.



Efficiency and control

- The wing enters thermals effectively and climbs with extreme ease.
- Absolute pitch and roll stability (including at top speed).



Confidence during all phases of flight

- Due to the high stability of the wing, the glider transmits a feeling of safety and the pilot can concentrate on piloting without the need to reduce the speed.
- The risk of collapse is easy to control, as it is easy to predict when the wing may fold and this can be avoided by gently pulling the B-risers.

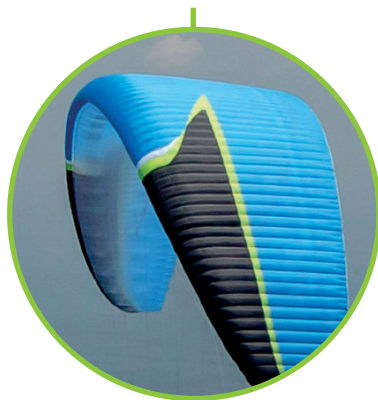
PEAK 5

In detail

1

The perfect finish

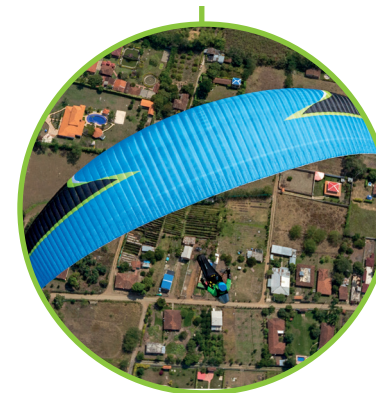
The application of 3DL technology ensures a cleaner leading edge, while SLE technology together with Nitinol rods ensures greater stability and maintenance of the profile shape.



2

Increased number of cells

the new Peak 5 offers a cleaner, more aerodynamic wing with a new 85 cell design (+10 compared to the Peak 4).



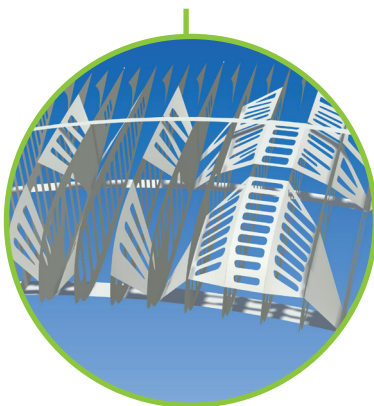
PEAK 5

In detail

3

Optimised internal structure

A complete redesign of the internal structure in order to achieve a more solid and compact glider.



4

New tensioning system

The application of the same 3DP technology-based tensioning system used in the Icepeak

Evox results in a much cleaner profile and leading edge, without creases or vibrations and with perfect fabric tensioning.



PEAK 5

In detail

5

New Ergo handles

Additional handles that permit more efficient and comfortable piloting, and which allow efficient B-riser steering.



6

New wing angle orientation

Optimisation of the orientation of each profile to the air flow. Together with STE and DRS technologies, drag is minimised and glide is improved in all flight conditions.

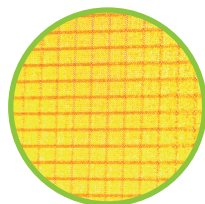


PEAK 5

In detail

7

The perfect combination of light and durable materials



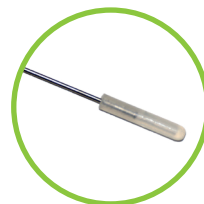
Cloth

- Upper surface: Dominico tex co 42-36 gr
- Under surface: Dominico tex co 32 gr
- Internal structure: Dominico tex co 42-32 gr



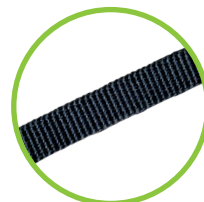
Lines

- Upper gallery lines: Dyneema/unsheathed Kevlar
- Lower gallery lines: unsheathed Kevlar
- Main lines: unsheathed Kevlar
- Main brakes: sheathed Technora



Nitinol

A combination of nickel and titanium that makes the wing lighter and more flexible; it optimises the profile and prevents deformations.



Risers

- Composite webbing
- 12 mm Polyester/Kevlar

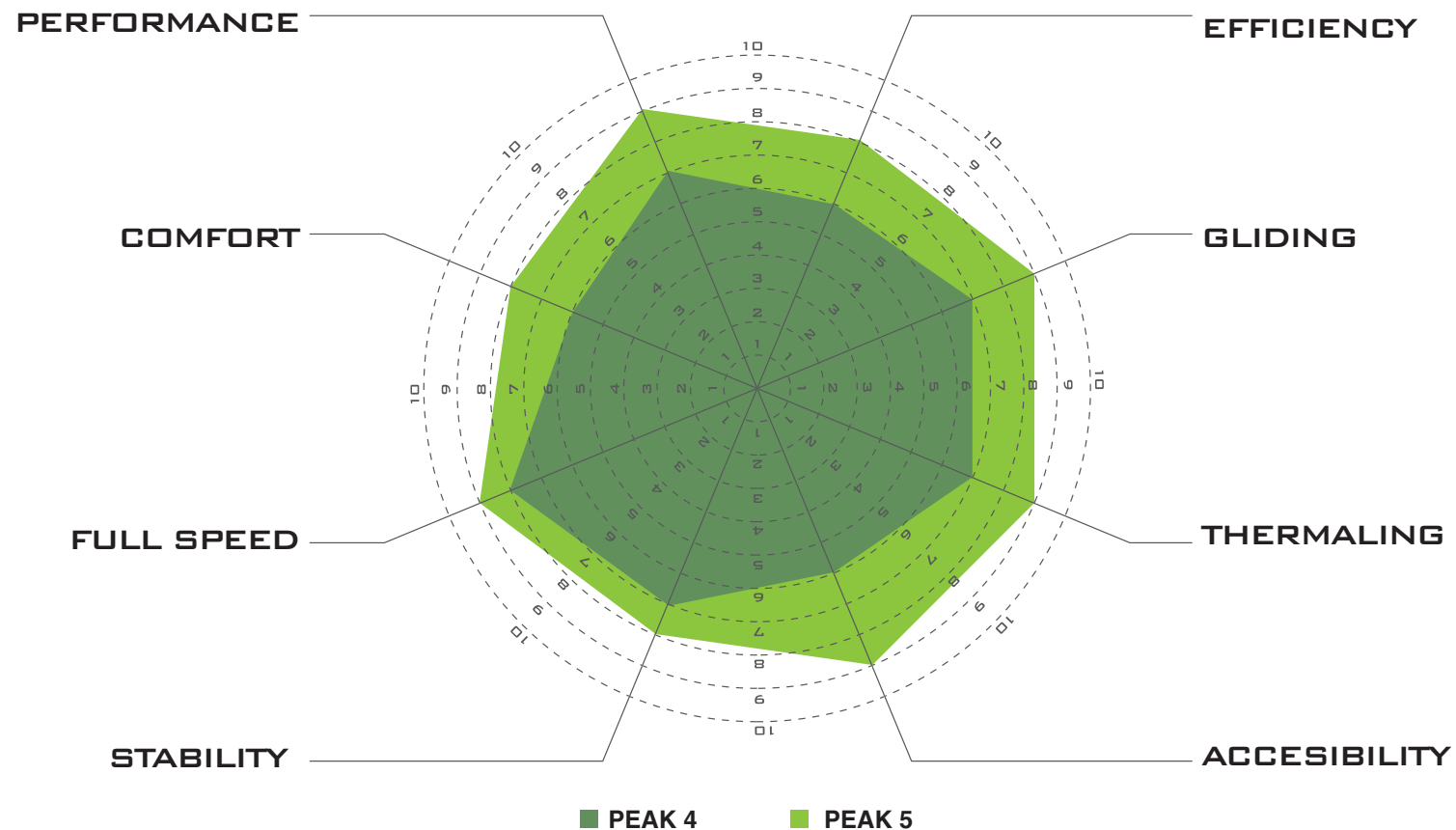


Carabiners

- 3.5 mm maillon

PEAK 5

Comparisons with its predecessor

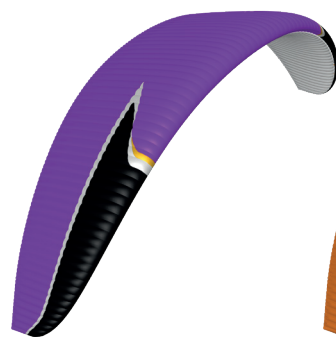


■ PEAK 4 ■ PEAK 5

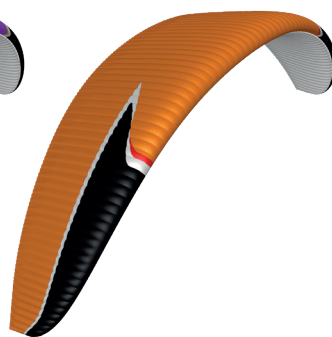
PEAK 5

Technical data

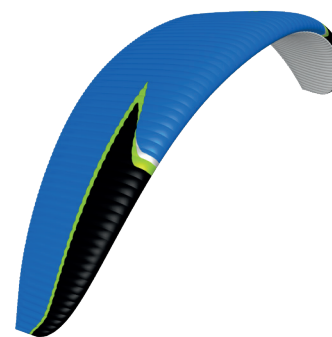
PEAK 5			21	22	24	26
CELLS	NUMBER		85	85	85	85
ASPECT RATIO	FLAT		6,95	6,95	6,95	6,95
AREA	FLAT	M2	20,5	22	23,5	25,5
	PROJECTED	M2	17,53	18,81	20,1	21,8
CORD	MAXIMUM		M	2,16	2,23	2,31
LINES	TOTAL	M	187	193	200	211
	MAIN		2/1/3	2/1/3	2/1/3	2/1/3
RISERS	NUMBER	3+1	A/A'/B	A/A'/B	A/A'/B	A/A'/B
	ACCELERATOR	MM	130	140	140	140
TOTAL WEIGHT IN FLIGHT	MIN-MAX	KG	70-85	80-98	92-110	105-125
GLIDER WEIGHT		KG	5	5,3	5,5	5,8
CERTIFICATION			D	D	D	D



JET



PHOENIX



SONIC

PEAK 5

FAQs



What are the new features of the Peak 5 in comparison to its predecessor?

This latest version has evolved in terms of performance and stability, making an EN D certified wing remarkably accessible. The pilot will feel more comfortable flying this wing as it has been designed as a benchmark in all aspects of paragliding. It has a greater number of cells and an optimised internal structure. In addition, a new tensioning system has been applied, it has new ergonomic handles and a new and improved wing angle orientation.

What advantages does the fifth generation of the Peak offer?

More performance and less drag mean better speed and glide. The trim speed (without acceleration) is now higher, take off is easy and speed restitution on landing has been improved. Flying is more accessible and fun, while efficiency and control are evident in all phases of flight, which in turn transmits a lot of confidence to the pilot. The wing enters thermals efficiently and climbs easily. It has total stability in pitch and roll, providing essential feedback to the pilot about the movements of the air to help make the most of good lines and thermals.

Does the increased performance mean a different style of piloting?

It should be noted that the Peak 5 has been designed for XC flights and competitions. Its smooth and direct handling allows the pilot to be in control at each phase of the flight and, therefore, to fly more efficiently. The optimisation of the profile and the internal structure allows the wing to reach high speed without compromising on stability. Therefore, it is not necessary to sacrifice speed in order to gain stability. With this wing, the pilot will have the feeling of great safety and confidence.

PEAK 5

Opinions



“ The Peak 5 is the glider I was looking for, perfect to cross in the Alps. With less aspect ratio than the Icepeak that change all in turbulent conditions, you feel better and always manage the situation. The handling is like I love it, precise. High performances on an approved EN-D glider. Fast and stable. The great balance to discover the beginning of the competitions or the best partner for your long XC flights. ”

- Jérémie Lovey

“ The Peak 5 is for me the best Cross Country machine we have ever made in Niviuk. Flying with this wing is amazing due to its disconcerting ease compared to the performances that it can offer you. ”

- Tim Rochas

PEAK 5

Serial pack



PEAK 5

+



KARGO 150 / 220

+



NKARE BAG

+



KIT REPAIR

