
NIVIUK
TAKOO 5
It’s time to get closer

TAKOO 5
Concept

HANDLING

This generation is more light in handling than ever. Precise and direct handling for a more pleasant flight. Enjoy a level of performance that will allow you get the best from your flights.

DURABILITY

The use of optimal materials increases the durability and strength of the wing. Maximum safety and accessibility.

STABILITY AND COMFORT

Its new airfoil guarantees stability and comfort for both pilot and passenger. This means less movement for the passenger to guarantee an experience where fun is the key.

PRODUCT PRESENTATION

TAKOO 5

Target

NIVIUK

What type of pilots?

BEGINNER — INTERMEDIATE — ADVANCED

What type of flights?

Commercial tandem flights

A tandem wing designed to satisfy the most exacting professional dual pilots. Its durability and performance make this a glider that you will not want to part with.

Recreational flights

Experience a tandem wing as you never imagined it and let yourself be carried away by its supreme comfort and stability. Enjoy each flight with a tandem that adapts perfectly to your needs and those of your passenger.

TAKOO 5
Advantages

Direct and smooth handling

- Optimised light and responsive brake system for improved turning.
- Balance between performance and accessibility to meet the requirements of both professionals and passionate recreational pilots.

Unbeatable take off and landing

- Take off: A more progressive inflation and it takes the load immediately.
- Landing: Its excellent speed retention allows smooth and safe landings.

Increased operational life

- New cloth to reduce colour fading over time.
- Optimisation of the cloths used to achieve durability and strength without compromising the lightness of the wing.
- A new modern design based on the look of the Icepeak X-One.

A compact and comfortable wing

- A more robust internal structure with an improved load distribution at the attachment points.
- A high degree of pitch stability; increasing passenger comfort by decreasing the transmission of movements from the wing to the passenger.

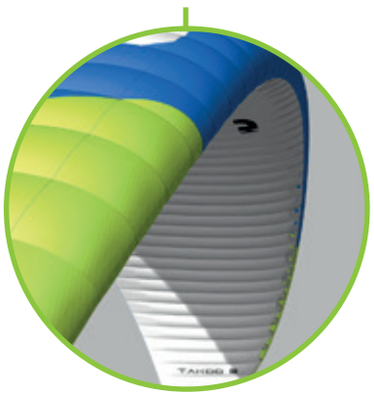
TAKOO 5
In detail

NIVIUK

1

Optimisation of the leading edge

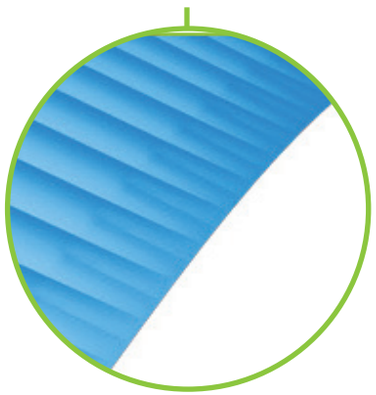
The leading edge has been redesigned and features all our Niviuk technologies, including 3DL, 3DP, SLE and TNT. This reduces creases and makes the wing more taut, which means a cleaner finish and therefore more performance. It also means the wing is more solid and better at absorbing turbulence.



2

Optimisation of the trailing edge

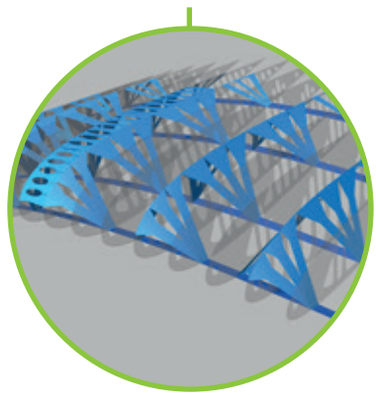
With the application of the Drag Reduction Structure (DRS), the airflow is directed more progressively along the trailing edge. This reduces the aerodynamic drag and the brake pressure required.



3

New internal structure based on the RSD technology

The internal structure has been redesigned by altering the orientation of the diagonal ribs and tension bands to achieve a more optimal distribution of forces to improve durability and reduce deformations.

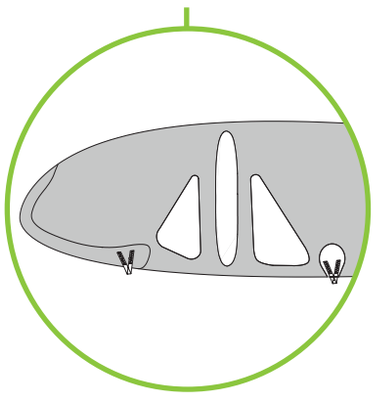


TAKOO 5
In detail

4

Optimisation of the reinforcements and attachment points

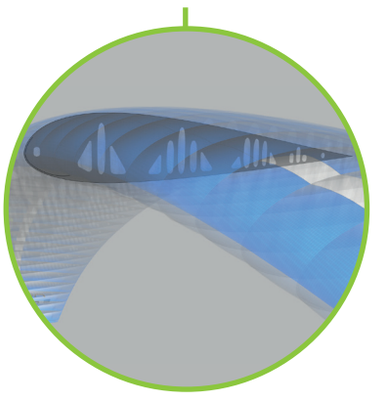
Due to the redesign of the internal structure, it has been possible to reduce the tension on the attachment points and improve the force distribution.



5

New profile

This new model features a very stable profile, which translates into less turbulence in flight and helps maintain a more constant speed range. Passenger and pilot will benefit from greater comfort in flight.



TAKOO 5
In detail

6

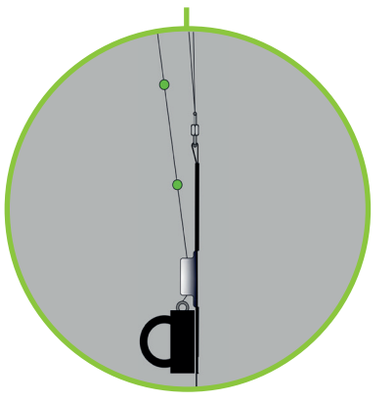
More durable lineset

The Takoo 5 has 160 lines; a reduction of 9% in comparison to its predecessor. In order to increase their durability all lines are sheathed.

7

New feature on the risers

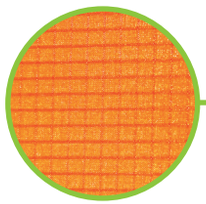
Due to the optimisation of Ear Lock System (ELS) the pilot can adjust the size of the big ears and thus achieve a fast and comfortable descent.



TAKOO 5
In detail

8

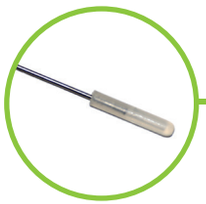
The perfect combination of flexible but extremely durable materials



Cloth
- Leading edge and upper surface made from Dokdo (40-36g/m²).
- Undersurface made from Dokdo (32g/m²).

Lines
- Upper gallery lines: Sheathed Dyneema
- Lower gallery lines: Sheathed Dyneema and Aramid
- Main lines: Sheathed Aramid
- Brakes: Sheathed Aramid

Carabiners
- 4 mm maillons

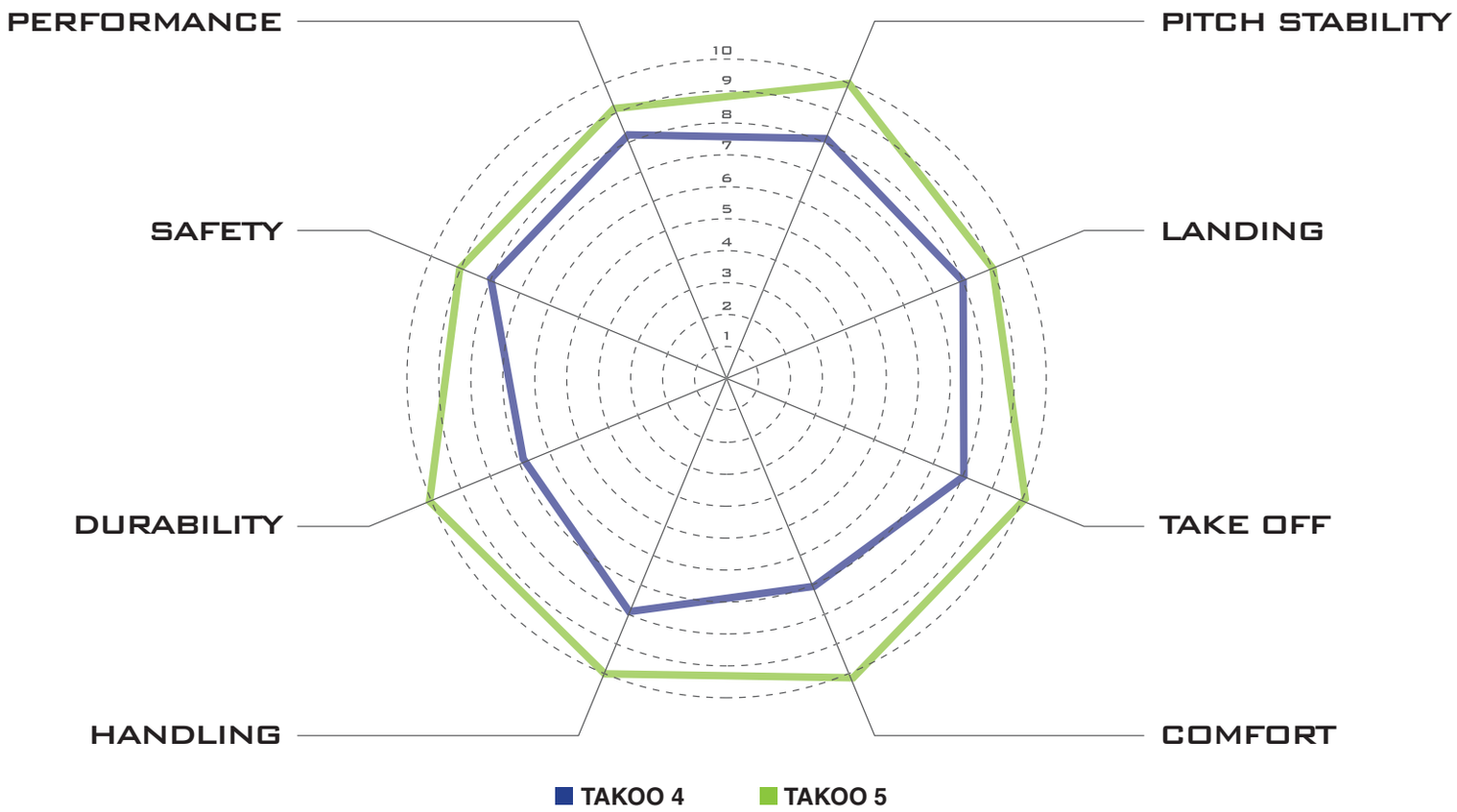


Nitinol
A combination of nickel and titanium that makes the wing lighter and more flexible; it optimises the profile and prevents deformations.

Risers
- 22mm polyester

TAKOO 5

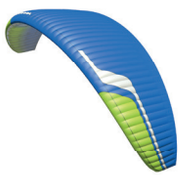
Comparisons with its predecessor



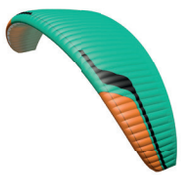
TAKOO 5

Technical data

			39	42	44
CELLS	**Number**		54	54	54
ASPECT RATIO	**Flat**		5,5	5,5	5,5
AREA	**Flat**	m2	38	41	44
	Projected	m2	32,18	34,72	37,26
SPAN	**Flat**	m	14,46	15,02	15,56
CHORD	**Maximum**	m	3,29	3,41	3,54
LINES	**Total**	m	370	385	400
	Main		3/3/3/2	3/3/3/2	3/3/3/2
RISERS	**Number**	4	A/B/C/D	A/B/C/D	A/B/C/D
	Trims	mm	100	100	100
WEIGHT IN FLIGHT	**Min-Max**	Kg	110-190	120-220	140-239
GLIDER WEIGHT		Kg	7,14	7,51	8,06
CERTIFICATION	**EN/LTF**		B	B	B

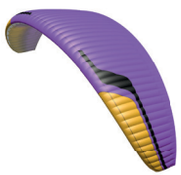


BOREAL



JAVA

TULIP



ILLUSION

PRESENTACIÓN DE PRODUCTO

TAKOO 5

SERIAL PACK

+

KOLI BAG OR KARGO 200

INNER BAG

+

+

KIT REPAIR

COMPRESSION STRAP

RISERS COVER


NIVIUK
AMAZING ADVENTURES