

KONVERS 3

User *manual*



RIVIUK BEYOND
THE GLIDE

Versatile *and functional*

WELCOME

We welcome you to our team and thank you for the trust you have placed in our KONVERS 3 harness.

We would like to share with you the excitement and passion that went into the process of creating this harness. The KONVERS 3 is a versatile harness fitted with a seat board. It is comfortable, ergonomic and designed to suit the needs of every pilot. It is also reversible, but the backpack is completely detachable, so it can be used independently.

Its 3D design offers stability, precision and allows freedom of movement. It is perfect for thermalling, recreational flights and ground handling. Compact and safe, it has a self-inflating airbag and an integrated emergency parachute compartment.

We are sure you will enjoy flying with this harness and you will soon discover the meaning of our philosophy:

“Give importance to the small details to make big things happen”.

This is the user manual and we recommend you read it carefully.



CATEGORIES



PROGRESSION



REVERSIBLE



AIRBAG



USER MANUAL

This manual provides the necessary information on the main characteristics of your new harness.

Whilst it provides information, it cannot be viewed as an instructional handbook and does not offer the training required to fly this type of harness. Training can only be undertaken at a certified paragliding school and each country has its own system of licensing. Only the aeronautical authorities of respective countries can determine pilot competence. You can get more information from [our website](#).

The information in this manual is provided in order to warn you against adverse flying situations and potential dangers. Equally, we would like to remind you that it is important to carefully read all the contents of your new KONVERS 3 manual.

Misuse of this equipment could lead to severe or irreversible injuries to the pilot, even death. The manufacturers and dealers cannot be held responsible for misuse of the equipment. It is the responsibility of the pilot to ensure the equipment is used correctly.

01

CHARACTERISTICS

1.1 OVERVIEW OF THE HARNESS	5
1.2 VIDEO TUTORIAL	8
1.3 TECHNICAL DATA	9
1.4 TARGET GROUP	11
1.5 DESIGN PROCESS	11

02

UNPACKING AND ASSEMBLY

2.1 ASSEMBLING THE HARNESS	12
2.2 CONNECTING THE WING	12
2.3 ADJUSTING THE HARNESS	13
2.3.1 PILOT POSITION	13
2.3.2 CHEST STRAPS	13
2.3.3 SHOULDER STRAPS	13
2.3.4 LEG LOOPS	13
2.3.5 SPEED-BAR	13
2.4 INSTALLING THE PROTECTORS	14
2.5 INSTALLING THE PARACHUTE	14
2.6 COCKPIT	14
2.7 STORAGE	14
2.8 ACCESSORIES	14

03

IN FLIGHT

	15
3.1 PRE-FLIGHT CHECKS	15
3.2 LAUNCH	15
3.3 LANDING	15
3.4 FLYING ABOVE WATER OR LANDING IN WATER	15
3.5 RUCKSACK AND PACKING	15
3.6 FEATURES OF THE BACKPACK	15

04

TYPES OF FLYING

	16
4.1 WINCH FLYING	16
4.2 TANDEM	16
4.3 OTHER	16

05

CARE AND MAINTENANCE

	17
5.1 MATERIALS	17
5.2 MAINTENANCE	17
5.3 STORAGE	17
5.4 CHECKS AND INSPECTIONS	18
5.5 REPAIRS	18
5.6 NIVIUK SERVICE	18
5.7 PRODUCT REGISTRATION	18

06

SAFETY AND RESPONSIBILITY

	19
--	----

07

GUARANTEE

	19
--	----

08

SPECIFICATIONS

	20
8.1 COMPATIBILITY	20
8.2 CERTIFICATION	20

1. GENERAL CHARACTERISTICS

1.1 OVERVIEW OF THE HARNESS

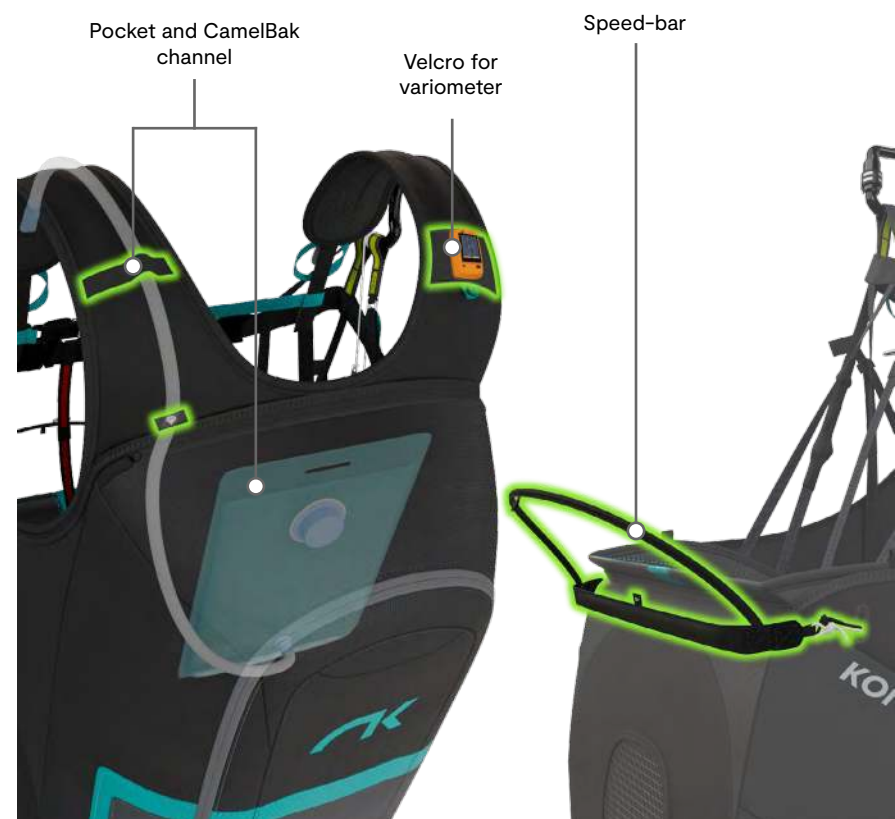




Rescue compartment

Airbag protection

3D modelled seat



Pocket and CamelBak channel

Velcro for variometer

Speed-bar



Back pocket



Lycra side pockets
with zippers

1.2 VIDEO TUTORIAL

Check out the video tutorial with the explanation of all the features and functionalities of the harness on our YouTube channel.

Video tutorial



1.3 TECHNICAL DATA

1.3.1 Specification table

			S	M	L	XL
Weight ¹		kg	3,24	3,37	3,62	3,84
Pilot height		cm	155-173	167-183	178-190	185-200
Back length		cm	58	65	69	71
Seat base	Width	cm	35	37	38,5	45
	Length	cm	46,5	48	53,5	56
Back pocket volume		L	15	17	20	30
Rescue compartment volume		L	2,5-5,5	2,5-6	2,5-6	2,5-6,7
Rucksack volume ²		L	85	85	100	100
Harness volume		L	28	32	35	40
Carabiner distance		cm	45-55	45-55	45-55	45-55
Max. load		kg	120	120	120	120
Certification			EN/LTF	EN/LTF	EN/LTF	EN/LTF

¹With all accessories (speedbar, rescue pod, V-Bridle & IKS).
²The rucksack volume is of the empty backpack, without the harness inside.
The total weight of the harness may differ ±2% due to variations in the weight of the fabric supplied by the manufacturers.



1.3.2 Weight and height range table



1.4 TARGET GROUP

Beginner and progression

Easy to use, this harness is perfect for beginner and progression pilots looking for ease and stability in their thermal flying.

Everyday enjoyment for all pilots

The Konvers 3 is very versatile, ideal for a wide range of pilots, from beginners to experienced pilots looking for a comfortable and functional seat harness.

Hike & fly

The Konvers 3 is reversible – an excellent option for walking up to take-off and enjoying pleasant recreational or cross-country flights.

Stability, precision and ease of use

The efficiency and optimisation of the ABS system make the Konvers 3 exceptionally stable and precise. The seat board reinforces the feeling of stability and makes it easy to get in and out of the harness.

1.5 DESIGN PROCESS

The NIVIUK team has done extensive and meticulous work. Distinctive adjustments were made as a result of flight testing of the various prototypes. These were tested in all flight conditions. This intensive development of an innovative and modern harness has been made possible by the extensive experience of our team. All NIVIUK products undergo a thorough final inspection.

2. UNPACKING AND ASSEMBLY

2.1 ASSEMBLING THE HARNESS

Before your first flight, we recommend making the initial adjustments of the harness using a hang frame.

Position the harness and hang it from the carabiners. Sit in the harness and close it. Using the straps, adjust it to your individual preference.

A number of easy-to-use adjustable straps allow the harness to fit each pilot's body shape. On the KONVERS 3, the chest strap, chest clip, backrest inclination, shoulder and lumbar straps are fully adjustable, matching the pilot perfectly.

2.2 CONNECTING THE HARNESS TO THE WING

The KONVERS 3 has two main carabiners that must be connected to the paraglider. The carabiner on the right must be connected to the right side of the sail, both of which are green. The left carabiner must be connected to the left riser, both of which are red.



2.3 PILOT POSITION

• Pilot position

The entire structure of the KONVERS 3 has been modelled in 3D for best possible ergonomics and to optimise it for all body types.

The KONVERS 3 allows you to adjust the angle of the backrest by adjusting the inner back straps.

You can also adjust the back strap and shoulder straps. The back design has been optimised with a compact foam that provides excellent support. This design allows for greater freedom of movement and a natural fit to the pilot's body.



• Chest strap

The chest strap, which controls the distance between the two carabiners, can be adjusted in flight from 45 cm to 55 cm. For the first flight with the KONVERS 3, we suggest that the strap is set to the middle position, and then gradually ensure that the option that best suits your needs is selected in flight. The optimal adjustment will depend on the type of wing you are flying with the KONVERS 3. When the chest strap is tighter, the wing feels more stable. However, over-tightening the strap may enhance the “twist” effect. A wide distance between carabiners increases the turning capacity.

The Austri-Alpin Cobra T-Lock system with only two automatic buckles is used for closing the harness. This system has been specially designed for maximum safety and simplicity.

• Shoulder straps

The adjustment of the shoulder straps will depend on the pilot's height. To do this optimally, sit up straight with the T-Lock buckles closed, and adjust the shoulder straps symmetrically. The shoulder straps can be adjusted by pulling the blue tab.



• Leg loops

On the KONVERS 3, the leg loops can be separated. The leg loops have rings that can be attached with an elastic band to the outer side of each leg. This system allows the leg loops to be spread apart and more open, increasing comfort when ground handling.

To attach the leg loops to each side and give them more width, you should use the main strap that comes down from the carabiner towards the seat, not the one that goes towards the back. The end of this strap is covered with Lycra that you will have to remove to release the T-lock buckle. Connect this piece to the corresponding ring on each side and you can comfortably ground handle.



• Speed-bar

The KONVERS 3 includes a twin-step speed-bar, attached to the harness with bungee cords so it returns to its original position automatically.

The speed-bar is adjustable and you can move the knot, as in other similar systems, to adapt it to the right length, connect it correctly to the wing and increase or decrease the tension.

Use a hang frame to adjust the speed-bar before your initial flight.



PLEASE NOTE: to adjust the speed-bar, sit the harness and adopt your flying position. Ensure the cords are symmetric on both sides. If the cords are set too short, they can cause constant tension on the speed system, which could be dangerous. Please remember that it is always preferable for the speed-bar to be set longer than shorter.

Additionally, you can add a stirrup to increase comfort and provide additional support during flight.



2.4 INSTALLING THE PROTECTOR

The KONVERS 3 is equipped with a self-inflating airbag with excellent shock absorption capacity (25 G). It is effective even during launch, thanks to its self-inflating system designed with Nitinol, which keeps its shape in any situation. It guarantees maximum safety with excellent results achieved during impact tests.

2.5 INSTALLING THE PARACHUTE

The KONVERS 3 has space for an integrated parachute container, located inside the airbag, under the bottom of the seat. It is quick and easy to access and install. Deployment is fast and simple, thanks to the easily locatable handle on the right-hand side.

We have focused on the safety and comfort of the pilot by integrating an inner rescue compartment, which is exclusive to this harness. This makes its daily use much more comfortable and practical.



PLEASE NOTE: the parachute must be fitted inside the container. If it fits too loosely in the inner container there is a possibility that it may twist or that the lines or webbing may not be positioned correctly, which may make it difficult or impossible to deploy the parachute.

Your safety depends on the correct installation of the parachute. This process must be carried out with care and we therefore recommend that it is performed by qualified personnel.

If you would like to add a second parachute, you can add a front-mounted rescue using the Kase P.

2.6 COCKPIT

The KONVERS 3 is designed without a cockpit, but the NDesk is an optional cockpit that can be added. The NDesk combines functionality and practicality, and is easily attached to the carabiners. It is the ideal accessory to keep your belongings and instruments organised during the flight.

2.7 STORAGE

The KONVERS 3 has Lycra side zip pockets which are very useful and accessible in flight.

The back pocket is spacious and has a full-opening zip for easy access to your belongings.

Inside, there is also a small zip pocket and drink bladder compartment.



2.8 ACCESSORIES

The KONVERS 3 comes equipped with practical accessories to simplify your flying experience.

Velcro on the left shoulder strap allows you to securely and accessibly attach your flight instruments.

It also has a back pocket and an outlet for the drinking bladder tube.



3. IN FLIGHT

3.1 PRE-FLIGHT CHECKS

For maximum safety, check your equipment thoroughly, using the same sequence, before every flight.

Check the following:

- There is no visible damage to the harness or carabiners that could affect the flight.
- All buckles, straps and zips are connected/closed. The buckles should snap into place when you close them (a gentle tug on them verifies this). Be especially careful in snowy or sandy areas.
- The glider is correctly connected to the harness and both carabiners are secured with their locking mechanisms closed.
- All pockets are properly closed and items hanging from the harness are secured/attached.
- Check again that you have secured the chest strap and leg loops before launch.
- The parachute container is properly closed
- The deployment handle is secured and the rods/pins inserted into their designated pockets.

3.2 LAUNCH

Make sure the weather conditions are suitable for your skill and experience level. If you make the decision to fly, put on the harness and make sure all buckles are closed correctly and your legs are through the leg loops. Your life depends on it.

For your safety, before launching always repeat the same sequence of your pre-flight check.

⚠ CAUTION: stay away from mountain relief if you have to use your hands to get into the harness. You should always have your hands on the brakes when near terrain.

If you need to use your hands to get into the harness, try adjusting the harness using a hang frame.

3.3 LANDING

Before landing, slide your legs forward in the harness to assume a standing position. Never land whilst still in the seated position as this may cause a back injury. Standing up before landing is an active safety decision and is much more effective than relying on the passive system of the back protector. It is not necessary to adjust the harness before landing. Simply straighten your legs and get into a standing position and prepare to land.

3.4 FLYING ABOVE WATER OR LANDING IN WATER

⚠ TAKE CARE: flying above water during a cross-country flight or SIV course exposes the pilot to the risk of a water landing. This situation is very dangerous and flying with a life jacket is essential during an SIV course. We recommend avoiding this situation whenever possible.

Before hitting the water, it is recommended to undo the buckles (without compromising safety) and to have enough time to get out of the harness quickly to avoid drowning. This way you will be able to reach the safety boat more easily.

If the harness gets wet due to falling into the water, the protectors and the harness must be removed from the water to dry completely.

The parachute must also be removed to dry completely. Once dry, it has to be packed correctly and installed in the harness again. See the section on "Installing the parachute".

Do not store your equipment if it is still wet or damp – wait for it to dry completely.

3.5 BACKPACK AND PACKING

Whether the KONVERS 3 is reversible is your decision. Harness and backpack are delivered together and can be configured

by the pilot. The backpack is completely removable. If you want to use the reversible system, just zip them together. If you prefer to carry your harness in another backpack, simply undo the zip and use them independently.

The backpack, with its intelligent reversible system, is designed so that the canopy rests directly on your back, providing structure and optimising comfort during transport.



3.6 FEATURES OF THE BACKPACK

The KONVERS 3 backpack is practical and comfortable. Its fully opening main zip makes it easy to access the interior, and the roll-up top allows you to adjust the volume according to your needs. It has a base capacity of 80 L in sizes S and M, and up to 90 L in sizes L and XL.

The sides have spacious pockets: one Lycra pocket and one zip pocket. Its ergonomic and functional design includes adjustable straps and a padded backrest that adapts perfectly to the pilot's shape, ensuring exceptional comfort during hiking ascents.

4. TYPES OF FLYING

4.1 WINCH FLYING

- The KONVERS 3 is suitable for winch launching.
- The winch release is attached by means of the main carabiners on the risers, where the wing is attached.

4.2 TANDEM

The KONVERS 3 is not recommended for dual flying.

4.3 OTHER

- The KONVERS 3 is not designed or recommended for aerobatic or acro flying.
- We consider extreme or acrobatic flights to be any form of piloting different than standard flights. Learning aerobatic/ acrobatic manoeuvres should be conducted under the supervision of qualified instructors within a school environment and over water with all safety/rescue elements in place.



5. CARE AND MAINTENANCE

5.1 MATERIALS

The KONVERS 3 has been manufactured with state-of-the-art materials that achieve the perfect balance between strength, durability and lightness.

The most exposed areas, such as the base of the airbag and the rucksack, are reinforced with robust materials, guaranteeing a long operational life.

5.2 MAINTENANCE

We recommend checking the harness after every impact, bad launch or landing, and if it shows signs of damage or heavy wear.

We recommend the harness is fully inspected in an authorised workshop every two years and the carabiners are also changed every two years.

To prevent wear or damage to the harness, it is important to avoid dragging the harness on the ground, over stones or abrasive surfaces.

Do not expose it unnecessarily to UV radiation (sun light), other than in normal flight.

Whenever possible, keep the harness away from moisture and heat.

5.3 STORAGE

Store all your paragliding equipment in a cool, dry place, and never store it when it is wet or damp.

Keep your harness as clean as possible by regularly wiping off dirt with a plastic brush and/or a damp cloth. If the harness is very dirty, clean it with water and mild soap. Allow it to dry naturally in a well-ventilated area without direct sun light.

Keep your equipment in the in a cool, dry place away from solvents, fuels or oils.

Do not leave the gear inside a car boot, as cars left in the sun can become very hot. The inside of a rucksack can reach temperatures up to 60°C.

Weight should not be laid on top of the equipment.

When storing the harness in a backpack, care must be taken that it does not become deformed.



5.4 CHECKS AND INSPECTIONS

In addition to daily and pre-flight checks, the KONVERS 3 must be thoroughly inspected at every parachute repack, which is normally once a year. Additional checks should be carried out after every impact, bad launch or landing, or in case of signs of damage or wear.

Every two years or 100 flying hours (whichever comes first), the harness must be inspected in an authorised workshop.

If in doubt, contact a professional. These are the required inspections:

- Check webbing and buckles for damage, especially in areas that are not easily visible, such as the inside of attachment point webbing, where the carabiner rests.
- All seams must be intact and any damage must be repaired immediately.
- The main aluminium carabiners must be replaced every two years or 500 flying hours or if they have any signs of damage. Impacts can create undetectable damage that can result in structural failure under continuous loading.

5.5 REPAIRS

Repairs to your KONVERS 3 may only be carried out by the manufacturer or qualified and authorised personnel. This ensures that the most appropriate materials and correct repair techniques are applied.

If you are not qualified to do so, do not attempt to repair the harness yourself.

5.6 NIVIUK SERVICE

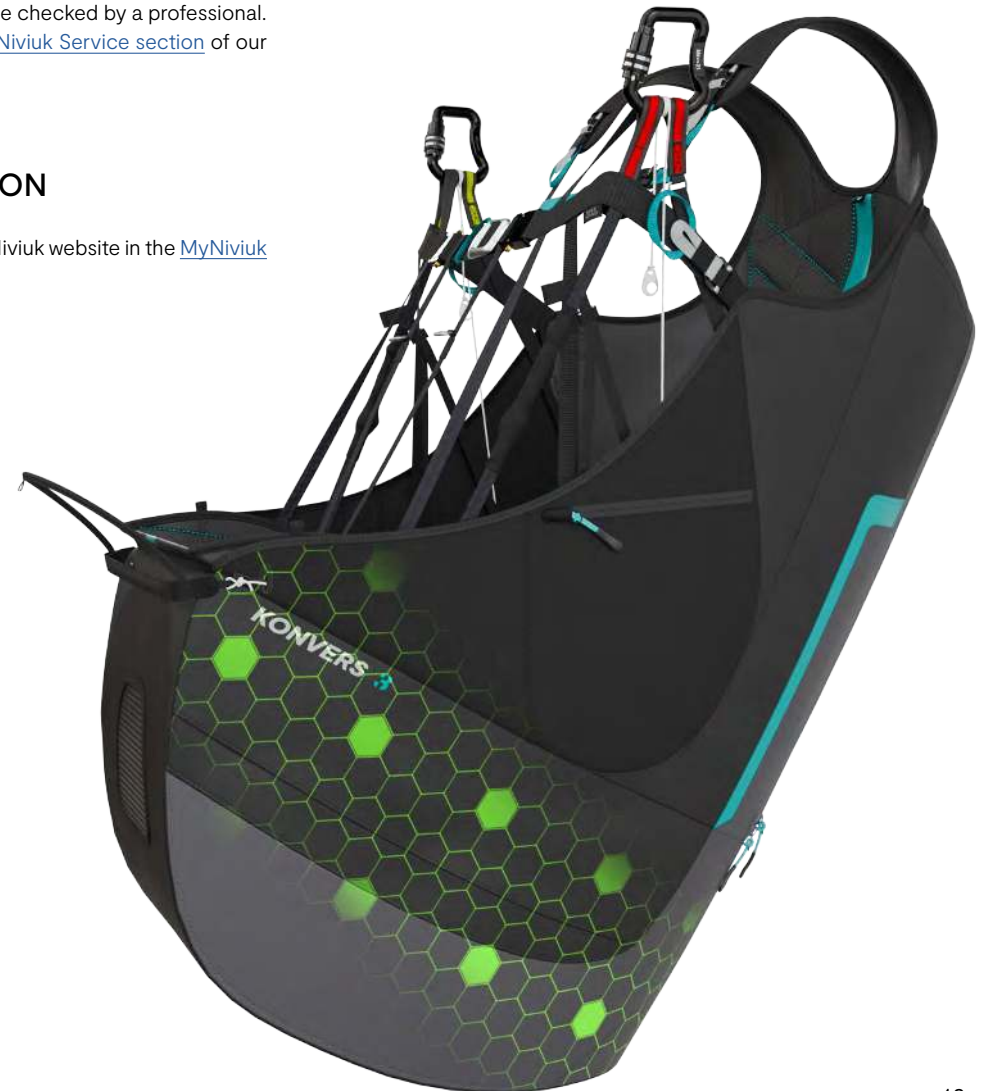
Niviuk Service is our official workshop offering a quality service, based on the care and maintenance of flight equipment. Thanks to the knowledge, technologies and procedures we have acquired over the years, we can repair any flying equipment.

We want to guarantee the safety and durability of your new product, so our official workshop is the perfect place to have it serviced and/or repaired.

Every two years, your equipment should be checked by a professional. For more information, please consult the [Niviuk Service section](#) of our web site.

5.7 PRODUCT REGISTRATION

You can register your KONVERS 3 on the Niviuk website in the [MyNiviuk section](#) and enjoy many benefits.

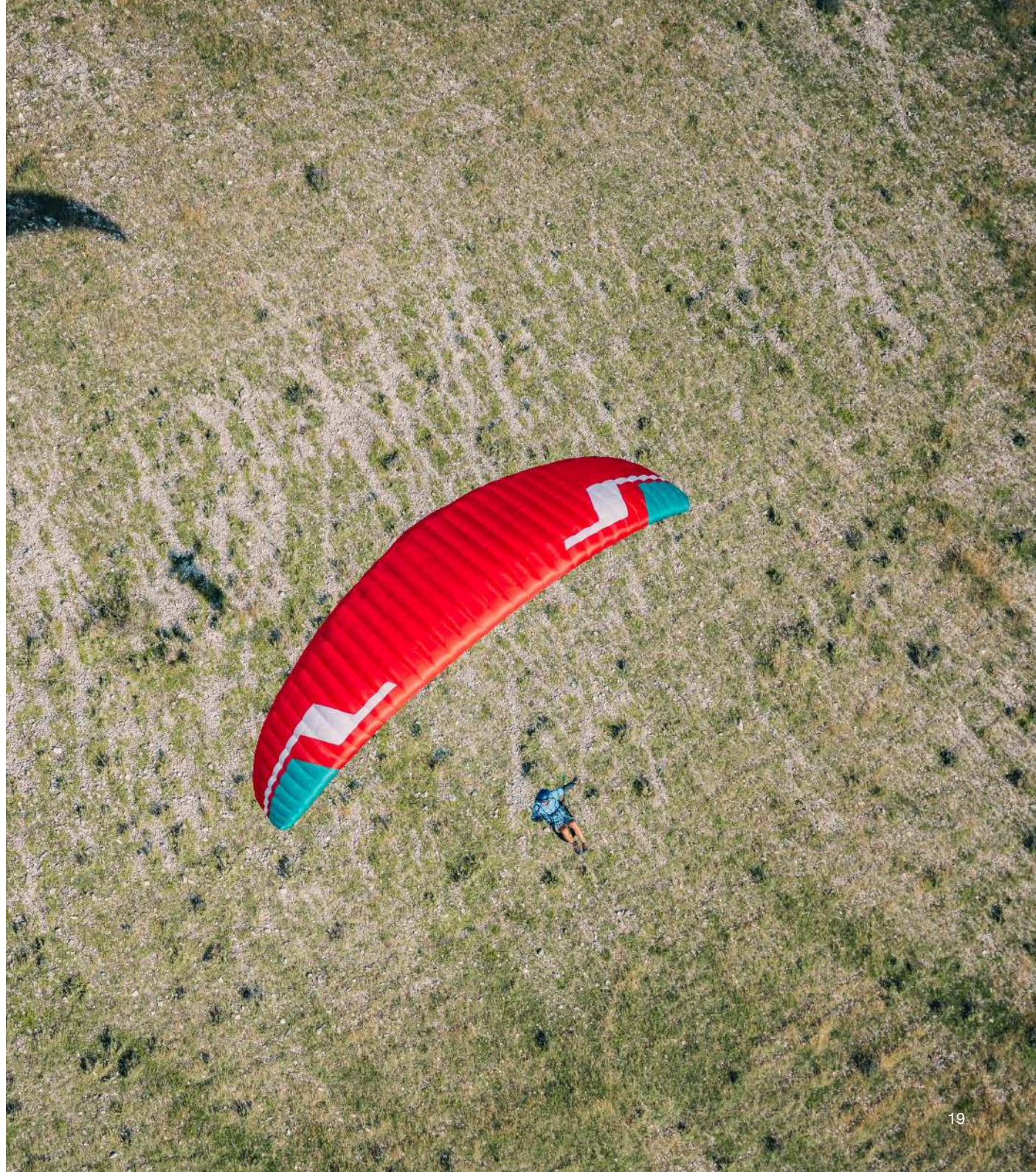


6. SAFETY AND RESPONSIBILITY

- It is well known that free-flying with a paraglider is considered a high-risk sport, where safety depends on the person who is practicing it.
- Incorrect use of this equipment may cause severe, life-changing injuries to the pilot, or even death. Manufacturers and dealers cannot be held responsible for your decisions, actions or accidents that may result from participating in this sport.
- You must not use this equipment if you have not been properly trained to use it.
- Do not take advice or accept any informal training from anyone who is not properly qualified as a flight instructor.

7. GUARANTEE

- The equipment and components are covered by a 2-year warranty against any manufacturing defect.
- The warranty does not cover misuse of the equipment.
- Any modification of the paraglider or its components invalidates the guarantee and its certification.
- If you notice any defects in your harness, please contact Niviuk immediately for a more thorough inspection.



8. SPECIFICATIONS

8.1 COMPATIBILITY



KONVERS 3

 KOYOT EN/LTF A	●
 HOOK EN/LTF B	●
 HIKO EN/LTF B	●
 IKUMA EN/LTF B+	●
 SKIN EN/LTF B	✱
 ROLLER EN 926-1	✱
 TARGET EN/LTF A	●
 KOYOT P EN/LTF A	●
 HOOK P EN/LTF A+	●
 KODE P EN/LTF A	✱
 HIKO P EN/LTF B	●
 IKUMA P EN/LTF B+	●
 ARTIK P EN/LTF C	●
 SKIN P EN/LTF B	✱

- **Recommended:** ideal for your wing
- ✱ **Compatible:** suitable for your wing, depending on your preferences

8.2 CERTIFICATION

You will find the certification certificates [on the product page](#).

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Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes


paragliding by air turquoise

Paragliding Harness - EN

Inspection number :	PH_461.2024	
Manufacturer :	Niviuk Gliders	
Model and size :	Konvers 3 L	
Maximum pilot weight [kg] :	120	
Integrated container for rescue system:	Yes	
If Yes. Volume of the container [cm ³] :	3700 min	6000 max
Serial number:	-----	
Production date (year / month) :	-----	

Harness protector (impact pad)

Impact pad type:	Airbag
Impact pad integrated:	Yes
Impact pad number:	PH_461.2024
If not integrated : Manufacturer	Serial number:
Production date (year / month) :	-----

Warning : Read the operating manual before using this equipment!

A sample has been tested and certifies its conformity with the following standards: EN1651:2018+A1:2020 and EN12491:2015+A1:2021. This model corresponds with the tested sample and its airworthiness.

Rev 03 | 04.03.2022 | ISO 94.23b



Niviuk Paragliders

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