

NEAR BIRDS

# ZIPPPY 3

USER MANUAL

V1.0-01/2024



# ZIPPY 3



## CERTIFICATION:

Is EN and LTF certified, max load 100 daN

Certification number: PH\_424.2024

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We'd like to express our sincere gratitude for selecting the **NEAR BIRDS** brand and our latest innovation, the **ZIPPY 3** lightweight harness designed for cross country flying and hike-and-fly enthusiasts! Your choice reflects your trust in our brand, and we are genuinely thankful for the opportunity to accompany you on your aerial endeavors.

At NearBirds, our team is fueled by a profound passion for paragliding. We are dedicated to delivering top-notch products and services, recognizing that paragliding transcends being just a pastime or sport—it's a lifestyle that demands commitment, skill, and a profound connection with the natural world. This dedication motivates us to craft equipment that is not only of the highest quality but also reliable and innovative, empowering you to reach new heights and savor every moment of your paragliding adventures.

Whether you require assistance with your gear, seek advice on techniques, or simply want to engage in a friendly paragliding chat, our team is always here to support you. We consider our customers an integral part of the NearBirds family, and we are privileged to welcome you into our community.

Once again, a heartfelt **THANK YOU** for soaring with NearBirds and choosing the Zippy3 harness. We eagerly anticipate sharing countless more thrilling paragliding escapades with you in the days to come!



# SAFETY ADVICE

Congratulations on your acquisition of the **NearBirds Zippy3** lightweight harness designed for cross country flying and hike-and-fly adventures! To ensure your safety and optimize your enjoyment with the **Zippy3**, it is crucial to adhere to some fundamental safety guidelines. This section of the manual will furnish you with essential recommendations for the proper utilization of your harness.

**Pre-flight Inspection:** Before every flight, meticulously inspect your Zippy3 harness for any indications of damage or wear. Check for loose stitching, frayed straps, or any other signs of wear and tear. If any issues are detected, refrain from using the harness until it has undergone necessary repairs or replacement.

**Ensure Proper Fit:** Confirm that the Zippy3 harness fits you correctly and is adjusted according to your body size. A well-fitted harness should be snug without being overly tight, facilitating unrestricted movement while providing adequate support and stability.

**Familiarization:** Prior to utilizing the harness in flight, take the time to familiarize yourself with its features and operational procedures. Practice donning and doffing the harness, adjusting the straps, and manipulating any buckles or additional components.

**Safety Gear Usage:** Always wear suitable safety gear during paragliding, including a helmet, appropriate clothing, and any other required safety equipment.

**Cocoon Feature Guidelines:** If employing the cocoon feature of the harness, acquaint yourself with the proper rules for entering and exiting the cocoon. Practice these maneuvers on the ground before attempting them in-flight.

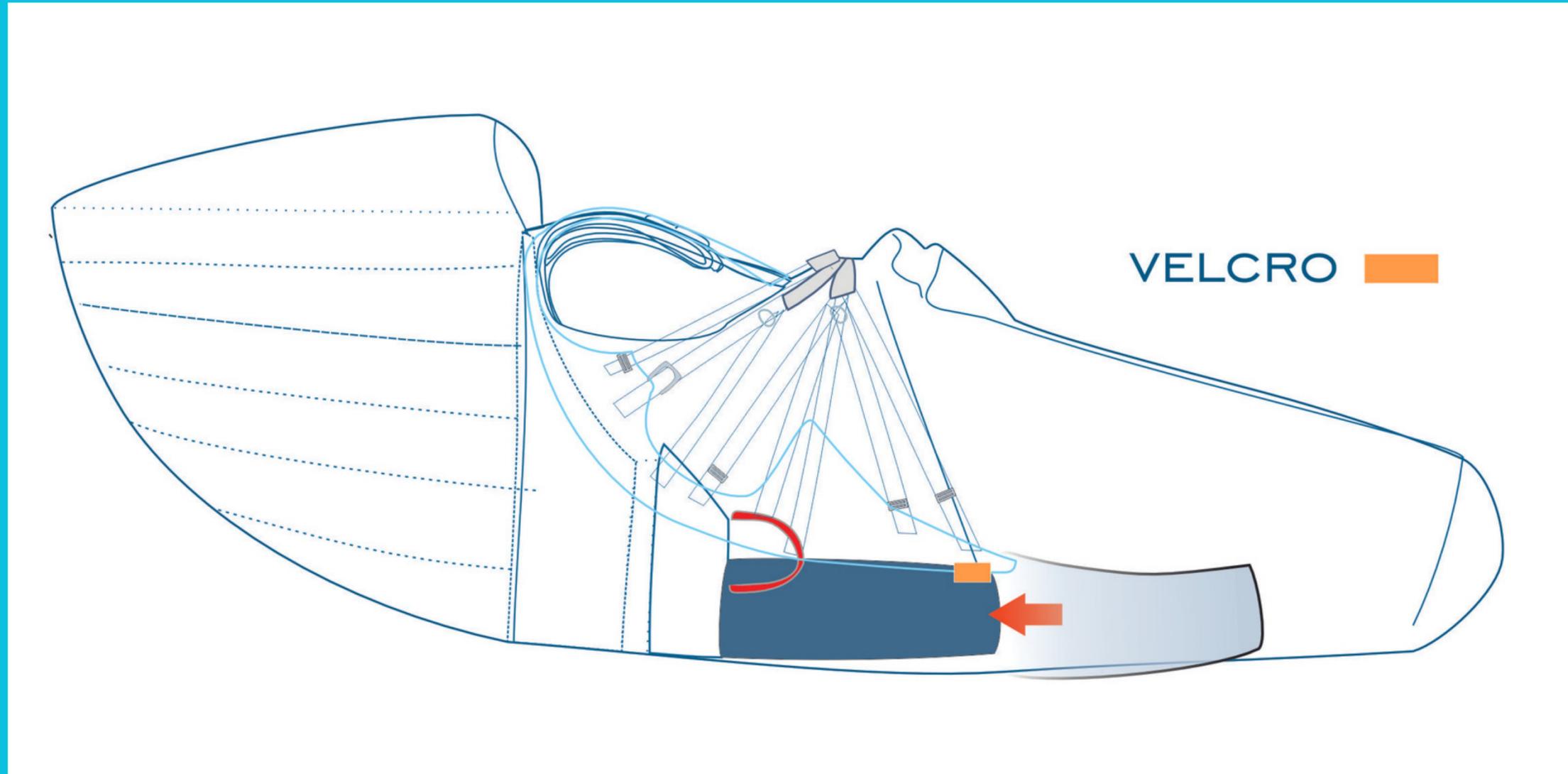
**Awareness of Surroundings:** Remain vigilant of your surroundings while airborne and take prudent measures to steer clear of obstacles or potential hazards. Stay attuned to weather conditions and adjust your flight plan accordingly.

By adhering to these fundamental safety tips and guidelines, you contribute to ensuring a secure and gratifying experience with your **NearBirds Zippy3** lightweight harness. Prioritize your safety at all times and adopt appropriate precautions to mitigate potential risks associated with paragliding.



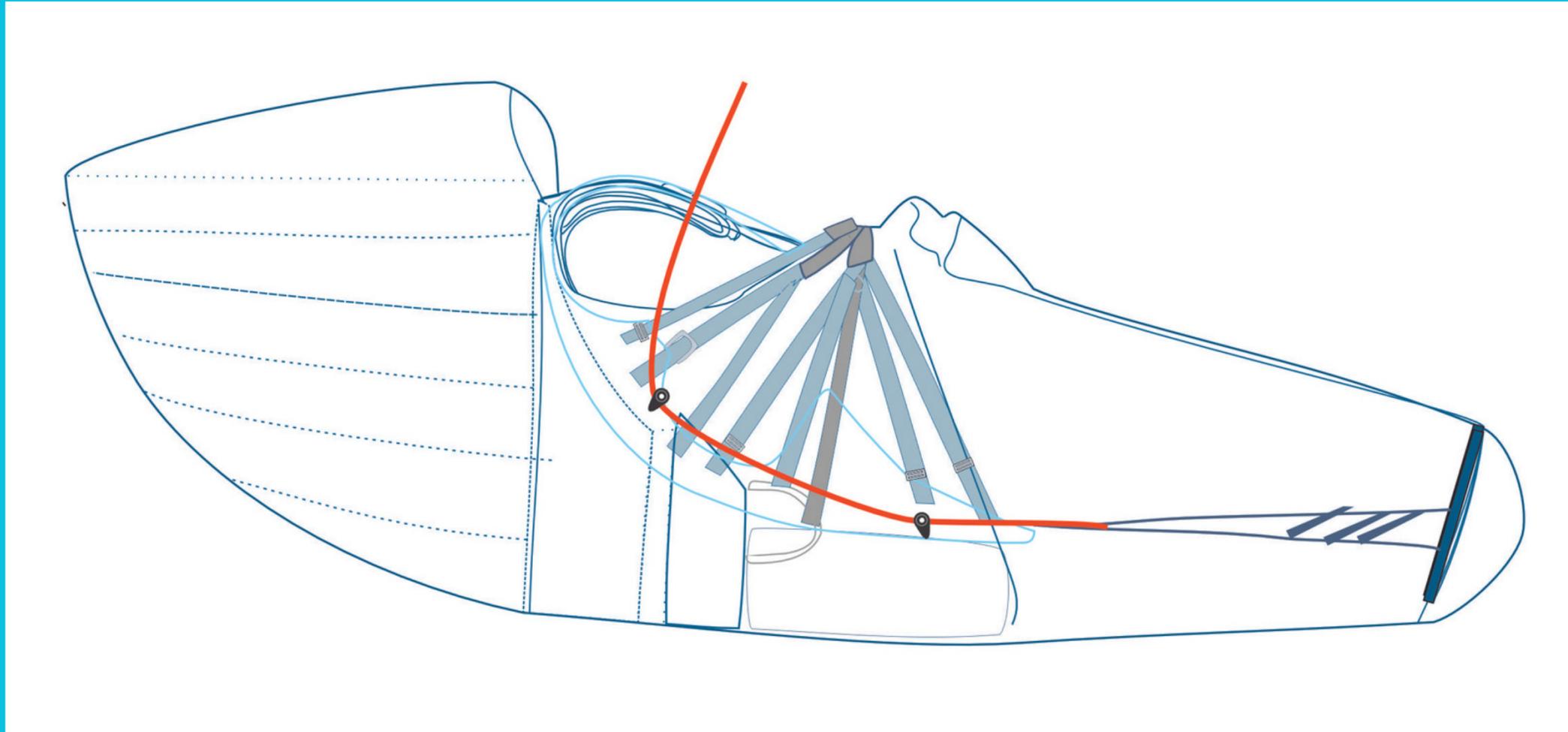
# BEFOR YOUR FLIGHT

## INSTALLING THE BACK PROTECTOR

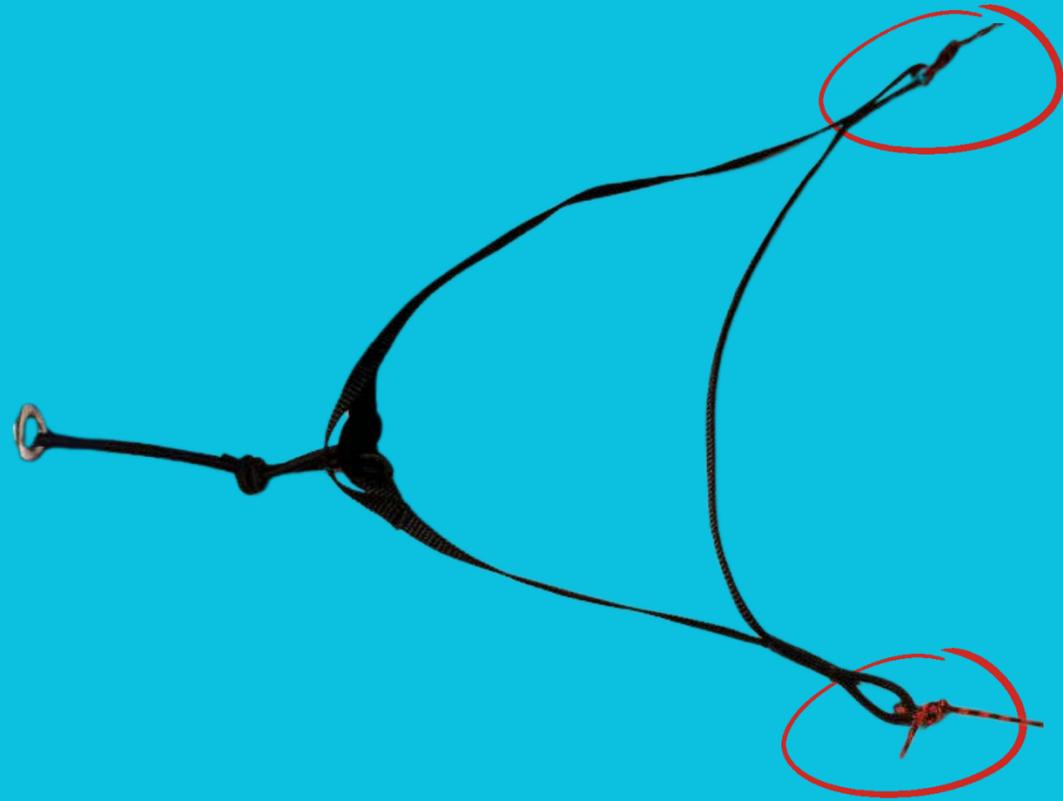


# BEFOR YOUR FLIGHT

## INSTALLING THE SPEED SYSTEM



## INSTALLING THE SPEED SYSTEM



THE LENGTH OF THE SPEEDBAR IS ADJUSTED BY THE LENGTH OF THE ROPE



MAKE SURE THE SPEEDBAR ROPE GOES THROUGH THE PULLEYS.



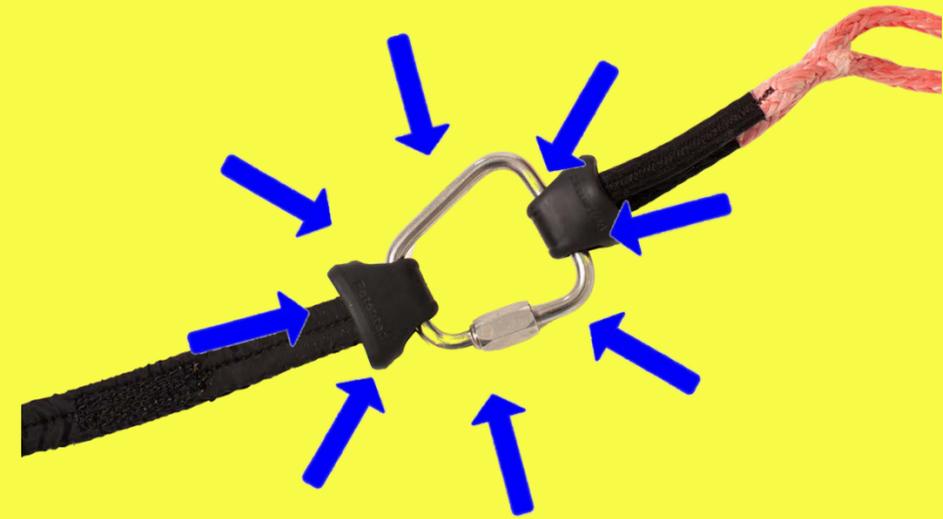
# INSTALLING THE RESCUE

Connecting the reserve(s) to the harness and handily

6MM MAILLON BREAKING LOAD: 12,5KN



1



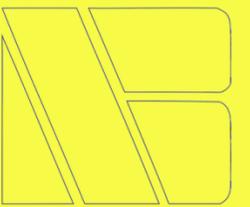
2



3



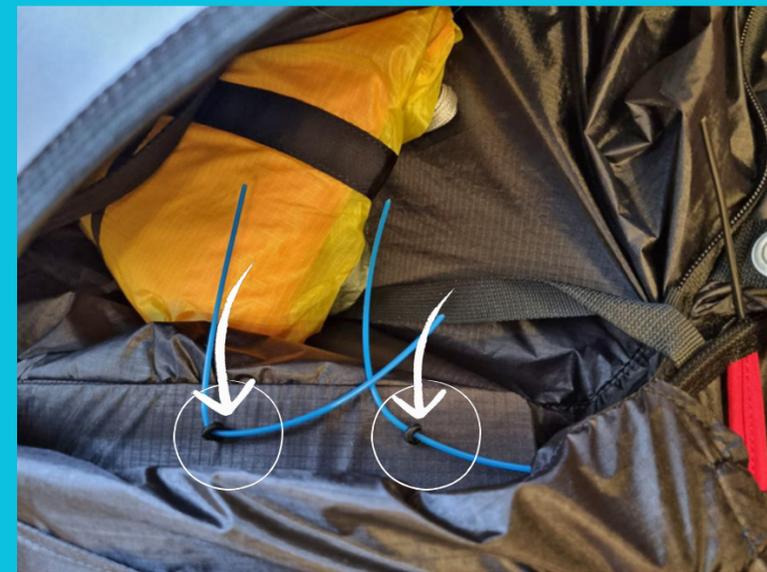
4



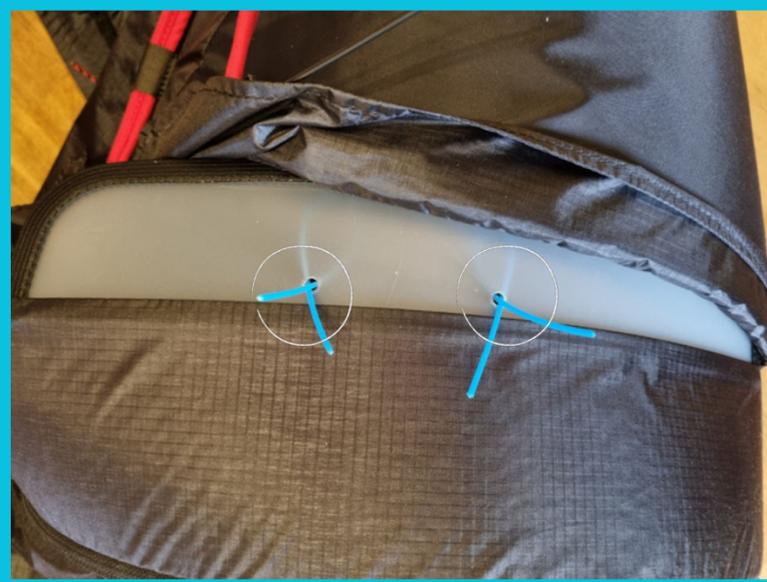
# CLOSING THE RESERVE COMPARTMENT



1



2



3



4

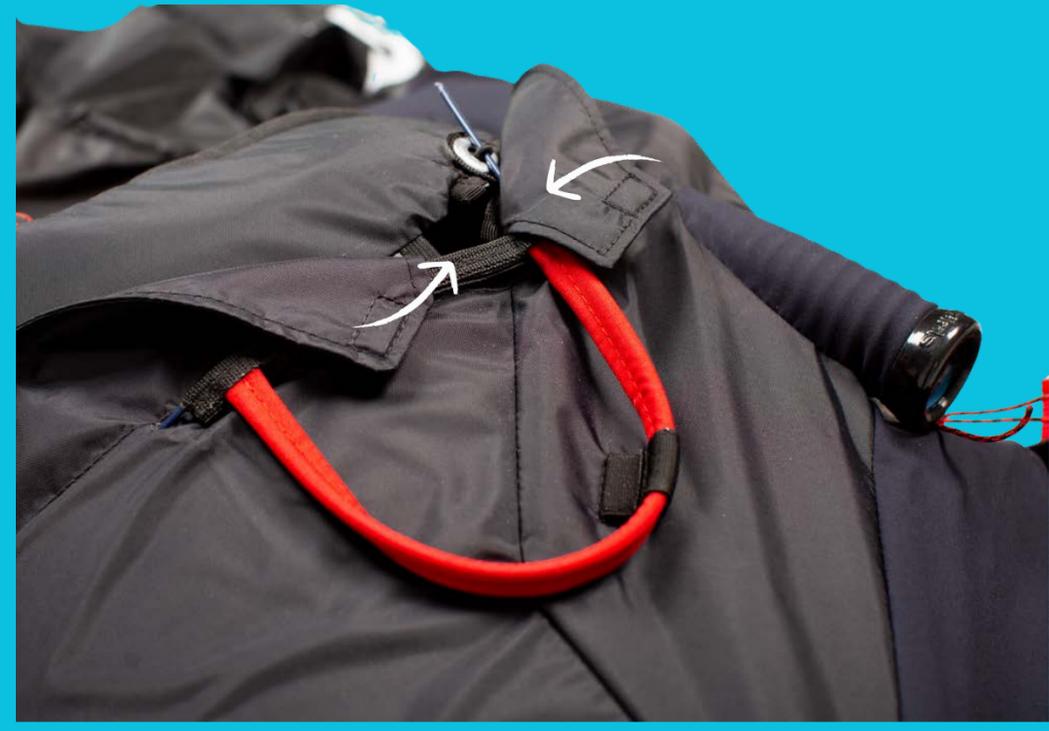


5





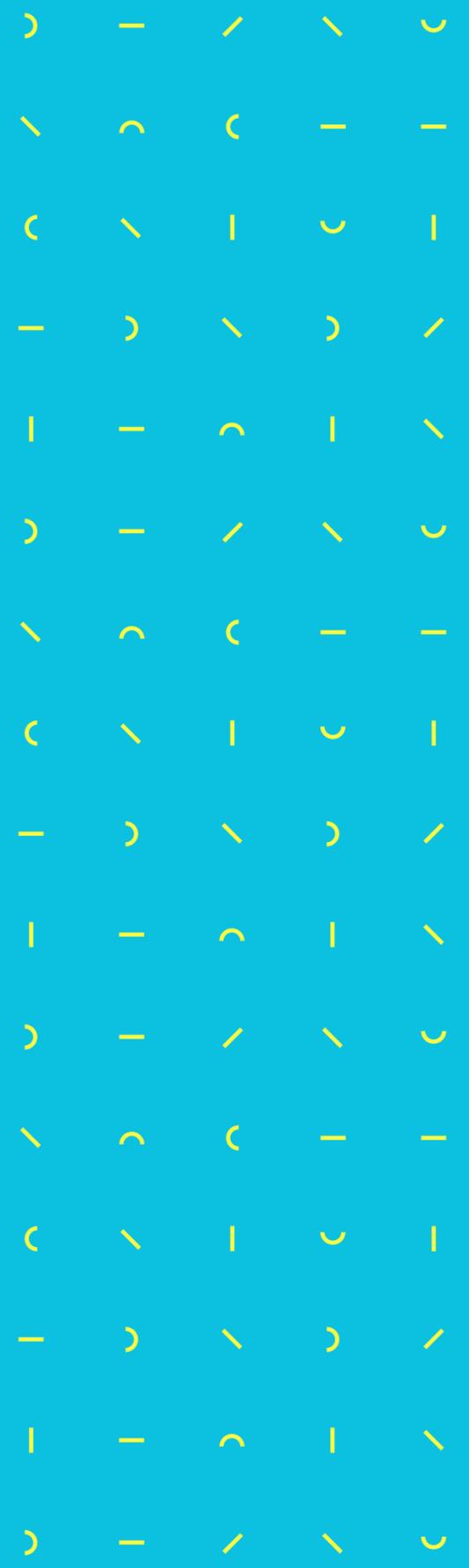
6



7



8



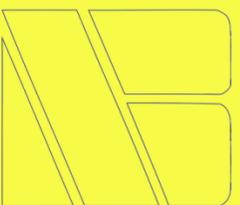
WARNING: Correct installation of a reserve must essentially be tested by a trial release.

!!!MINIMUM VOLUME RESCUE 2500  
MAXIMUM VOLUME RESCUE 9000!!!

Put the harness on, close the 2-buckle and then pull out the reserve as if in flight.

Operation of the reserve handle must take place in a normal flying position, and work without hindrance.

You therefore must be sitting in the harness. If you are not sure of this procedure you should contact a qualified person or your NEAR BIRDS dealer.



# FRONT RESCUE INSTALLATION

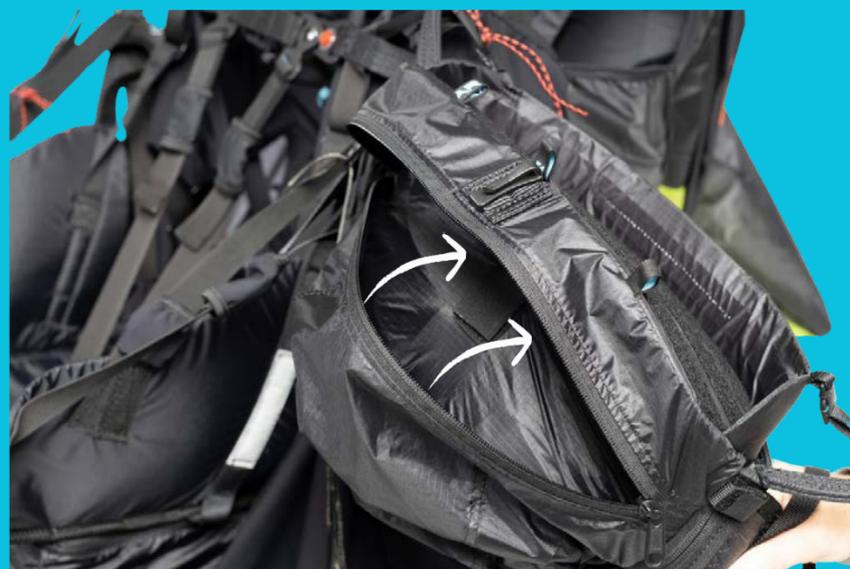
YOU CAN INSTALL A  
FRONT CONTAINER WITH  
RESCU



1



2



3



4



5





6



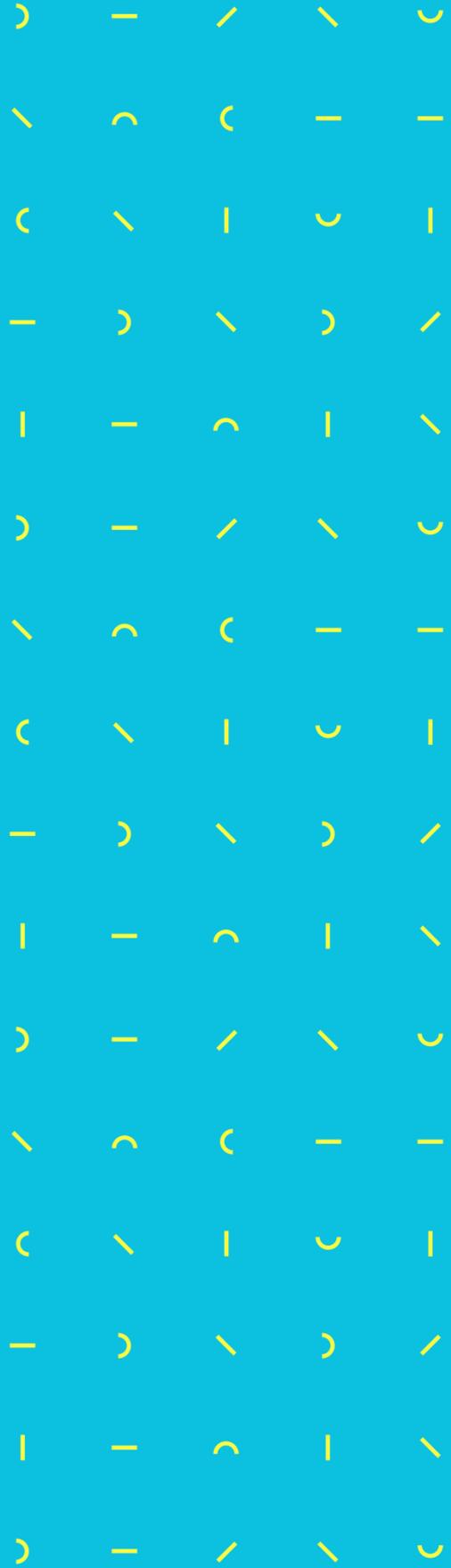
7



8



9





10



11



12



13



# POCKETS & COMPARTMENTS



- 1 COCKPIT POCKET (OR BALLAST 4 LTRS)
- 2 BALLAST COMPARTMENT (CA. 38 LTRS)
- 3 STRAIGHT-THROUGH ANTI-G POCKET
- 4 INTERNAL SIDE POCKETS
- 5 LARGE BACK COMPARTMENT WITH EXTRA POCKET AND HOLDER FOR DRINK SYSTEM



# SETTING UP THE DRINK SYSTEM



1



2



3



4



5



# SETTING UP THE BALLAST

FRONT BALLAST CONTAINER  
4 LITERS (1-2)



1



2

UNDER SEAT BALLAST  
CONTAINER 3,8 LITERS (3)



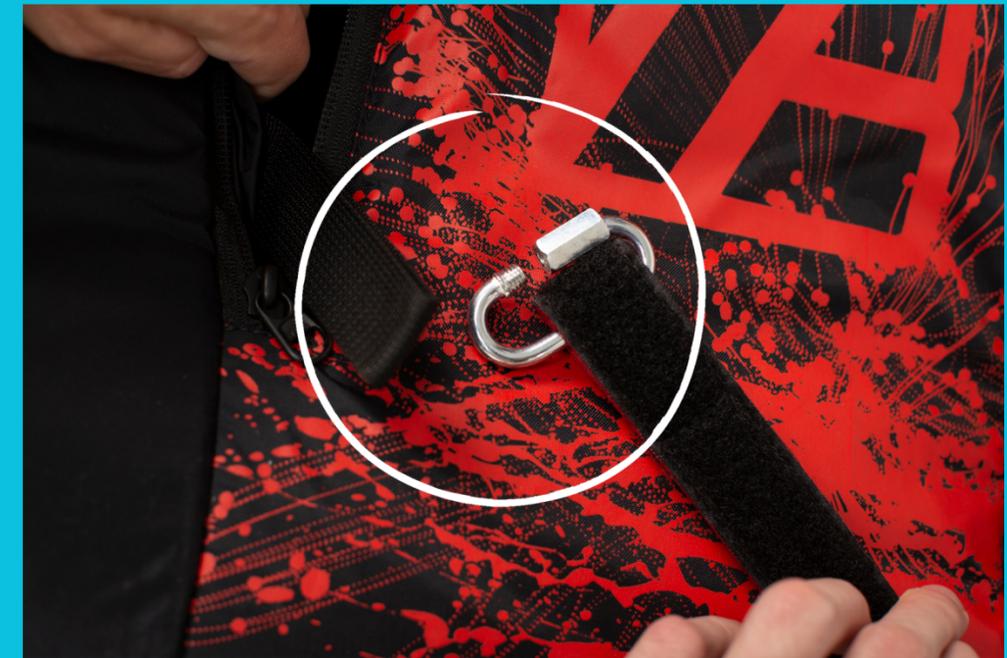
3



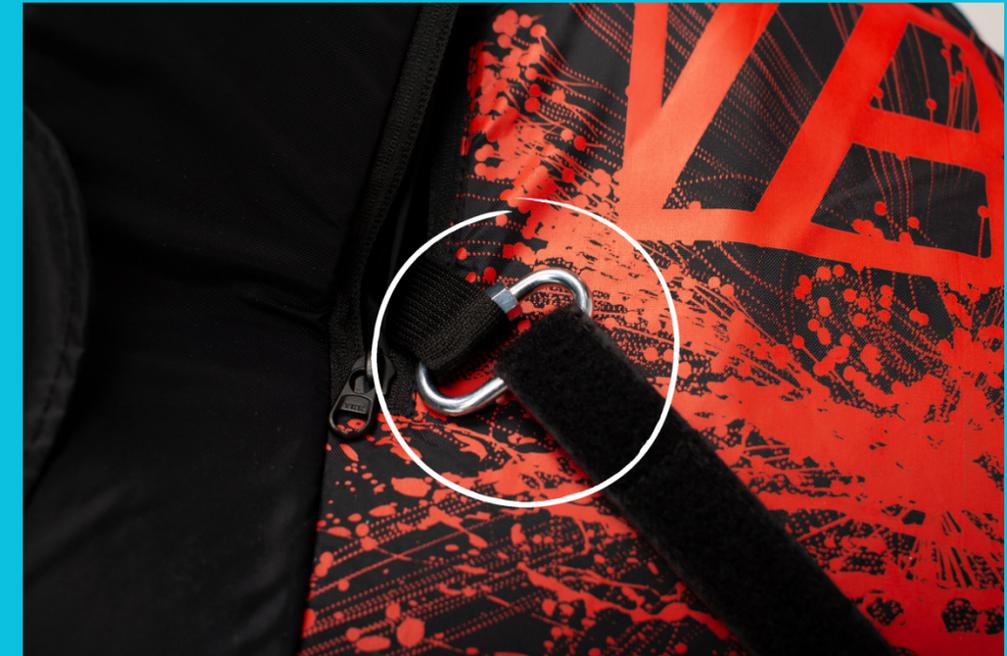
# FITTING AN ANTI-G CHUTE

THE ZIPPY 3 HAS A STRAIGHT-THROUGH ANTI-G POCKET AT LUMBAR LEVEL.

CAN BE USED WITH BOTH LEFT AND RIGHT HAND



1



2



# COCKPIT

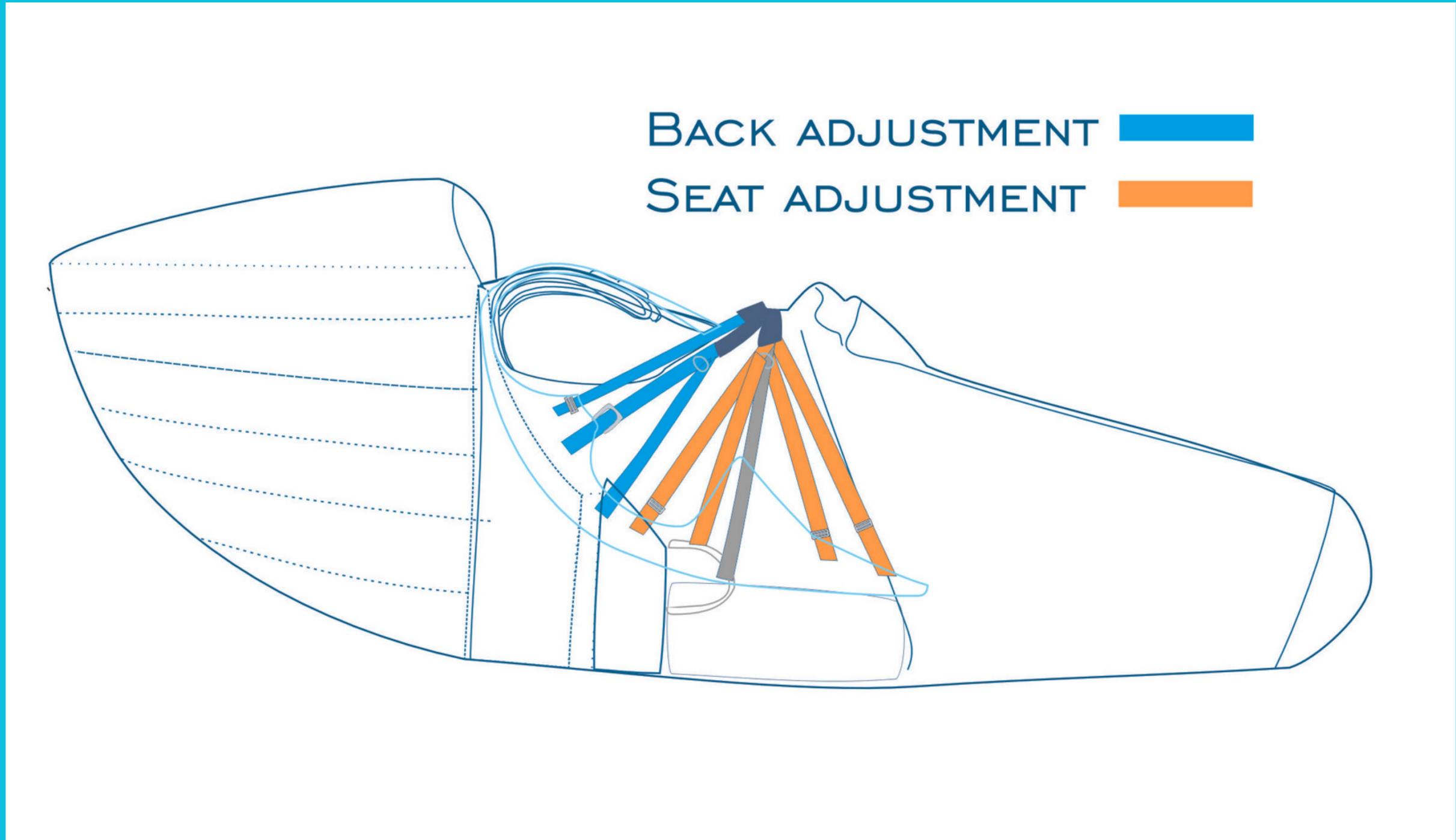
1. INSTRUMENT PANEL WITH VELCRO SURFACE

2. FASTENING LOOPS FOR INSTRUMENTS

3. ATTACHMENT TO FRONT STRAP



# ADJUSTMENTS STRAPS



# ADJUSTMENTS

The **ZIPPY 3** is designed to provide maximum comfort and support during flight. It has several adjustable components that allow you to customize the fit to your body parameters and flying style.

When adjusting your harness, it is important to do so on the ground before flying. After selecting a harness that is close to your body size, adjust the harness to suit your physique and flying style. This will ensure that you can easily slide into the sitting position after takeoff and avoid adversely affecting the flying characteristics of your paraglider.

## SHOULDER STRAPS

The optimum setting for the shoulder straps depends on the height of the pilot. Step into the harness and stand upright with the breast strap closed, symmetrically adjust the shoulder straps until they are a snug fit, but not tight.

To tighten: pull down on the loop **1**

To loosen: pull up on the loop **2** on the top of the shoulder strap.





## BREAST STRAP

After adjusting the shoulder straps, place the breast strap in a comfortable position and tighten so there is slight pressure on the shoulder straps.



## ABS SYSTEM (1)

ABS to improve harness stability in flight. Pull up the red balls to improve stability. The higher the red balls are tightened up, the more stable the harness



## LEG STRAPS (2)

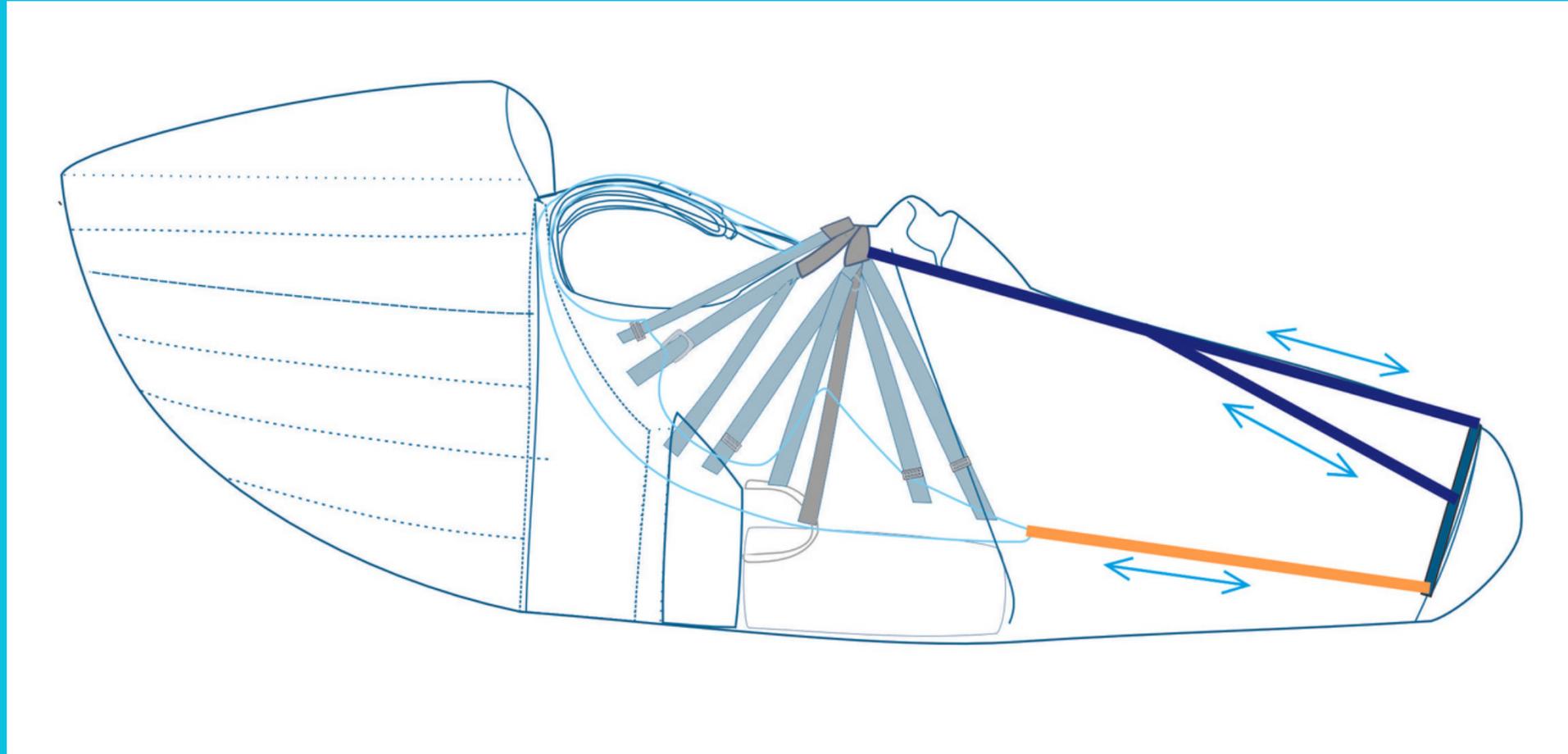
The leg strap lengths are adjustable. Make sure they are secure and comfortable, but not too tight that they restrict movement or circulation.



In summary, adjusting the Zippy 3 paragliding harness to fit your body parameters and flying style is essential for maximum comfort and support during flight. Always perform adjustments on the ground before flying and seek assistance from a qualified paragliding instructor if you are unsure about any adjustments or need further guidance on harness settings.



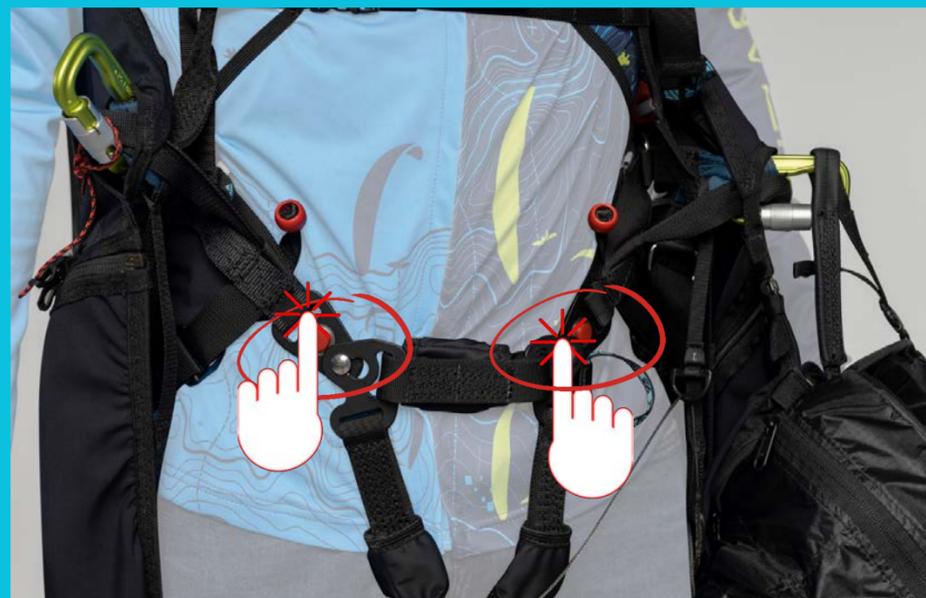
# COCOON ADJUSTMENTS



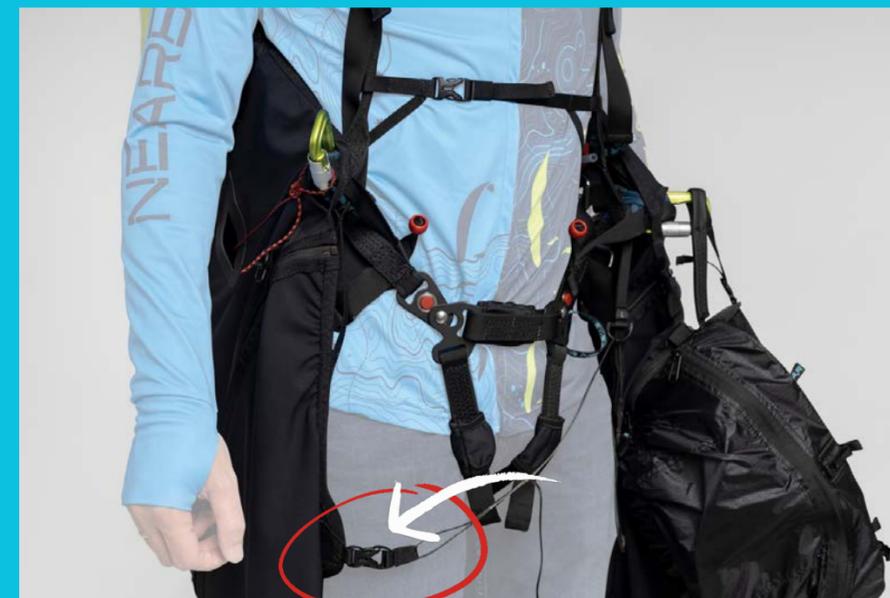
# PREPARATION FOR FLIGHT

## CLOSING THE HARNESS

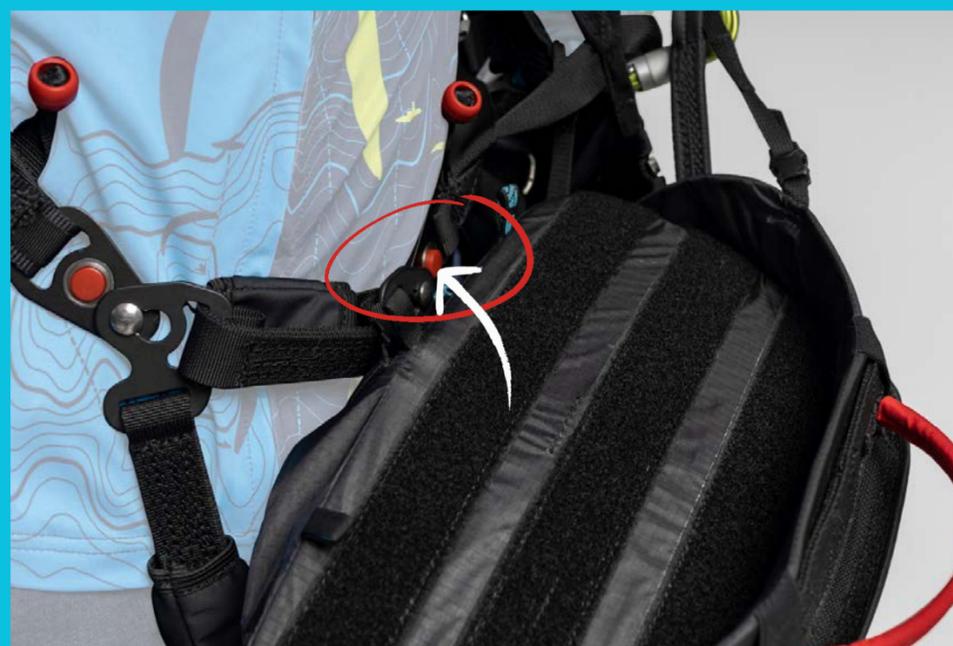
- FRONT STRAP (1)  
CLOSE THE FRONT STRAP WITH THE TWO BUCKLES
- CLOSE THE COCOON (2)
- FIXING THE COCKPIT (3)  
FASTEN THE COCKPIT TO THE FRONT STRAP WITH THE MAGNETIC BUCKLE
- CLOSE THE SMALL CHEST STRAP (4)



1



2



3



4



**WARNING: Always close the front strap first!**

Before every takeoff, and especially before a second attempt – check specifically that both buckles are correctly closed.

An open front strap can allow you to fall out of the harness from the air – with fatal results!

**WARNING: Make sure that all buckles are correctly closed!**



- FIXING THE COCKPIT [5]  
FASTEN THE COCKPIT TO THE CARABINES  
FASTEC

- FIXING THE FRONT RESCUE [6]  
FASTEN THE COCKPIT TO THE CARABINES  
FASTEC



5



6

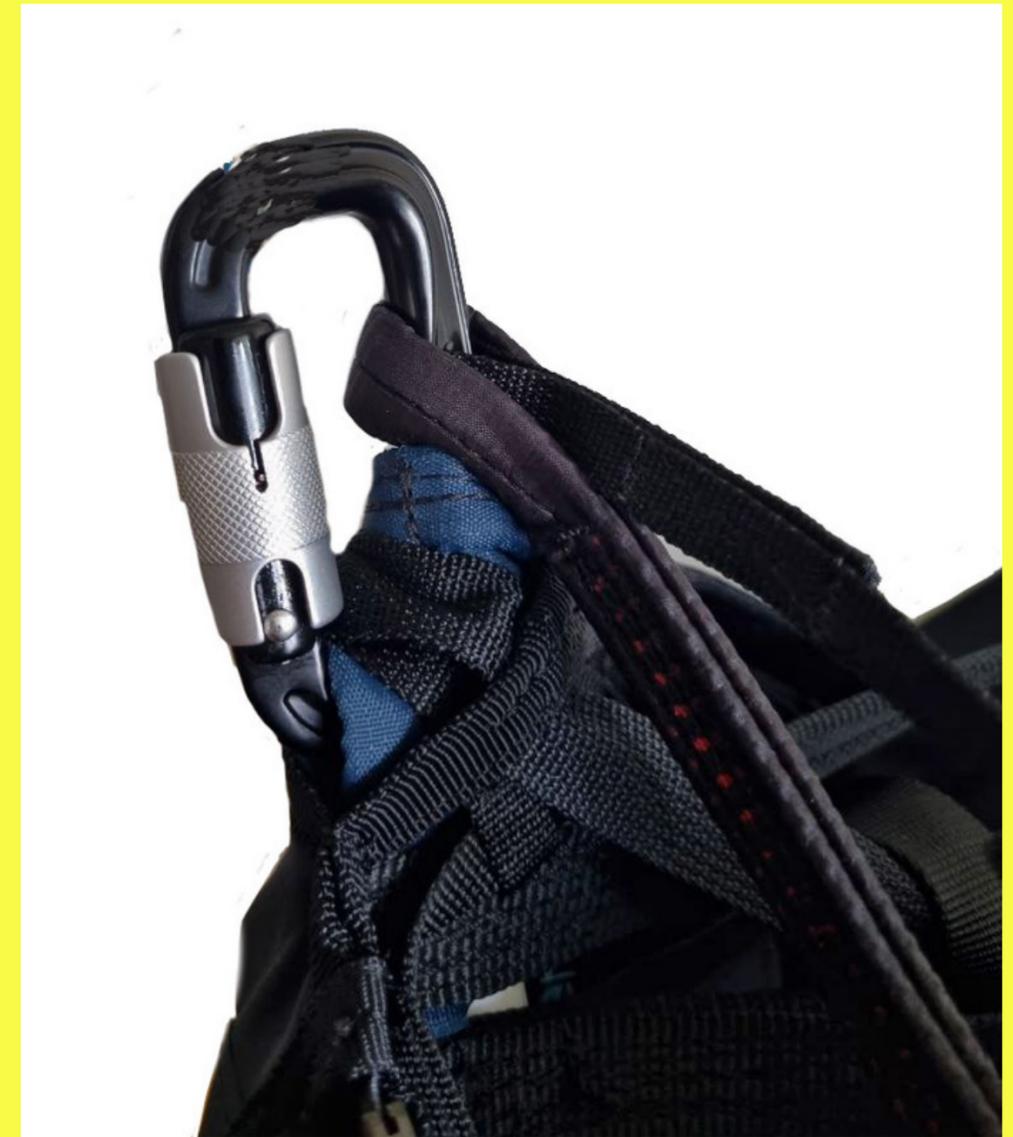
- CLOSE THE COCOON [7]



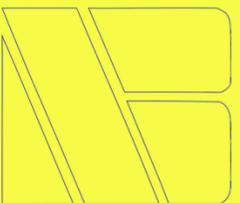
7



**WARNING:**  
Always check that all straps  
are attached to the  
carabiners!!!



Main attachment point



# HOW TO ACTIVATE THE RESCUE PARACHUTE

Parachute deployment is a critical procedure in paragliding and should only be done in an emergency situation. Knowing how to properly deploy a rescue parachute is essential to ensuring a safe landing. Here are the steps to follow to activate a rescue parachute:

1. Look: In an emergency, quickly locate the handle of the reserve parachute. The handle is usually located on the front of the harness, on the right-hand side.
2. Reach: Grab the handle of the reserve parachute and pull it towards you. This will release the retaining pins and prepare the parachute for deployment.
3. Pull: Pull the deployment bag out of its pocket. It is best to pull towards the outside so that the parachute extracts sideways from the pocket. Pulling the handle upwards may not allow the parachute to release properly.
4. Throw: Throw the parachute away from you as hard as you can into clear space, not towards your wing. It is important at this stage to remember to LET GO of the handle. Aim to throw with the direction of airflow to aid a fast opening and against the direction of rotation.
5. Check: If after throwing the parachute does not deploy, grab the reserve bridle and give it a strong pull. This will help encourage the parachute to open faster.
6. Disable the Wing: Once the parachute has deployed, concentrate on disabling the paraglider. There are several ways to do this - B line stall; rear riser stall; gathering the canopy by working up the A lines until you have the material in your hands or using the brakes to stall the wing. The best technique depends entirely on the situation. The most important thing to remember is to completely disable the wing so that it does not act against the parachute and cause a down-plane. Whichever method you choose do so symmetrically, you do not want the paraglider to start rotating, this could cause the paraglider to fly into and effectively disable the parachute.
7. Landing: Due to the position of the reserve bridle hang points on most harnesses, deploying the reserve parachute tends to automatically put you in the PLF position (legs down). If you are not in the PLF (Parachute Landing Fal) position, do everything you can to get yourself into this position so you can absorb the landing impact with your legs.

Remember to always use a PLF when landing under emergency situations or under a rescue parachute. It is also essential to get your equipment checked and packed by a certified technician after any deployment of the rescue parachute.



**IMPORTANT:** In normal flight, periodically feel the position of the rescue handle so that the action of reaching for the rescue handle is instinctive in an emergency.

**WARNING:** It is crucial to constantly monitor your altitude in the event of any incident during flight. If you have any uncertainty about having enough altitude to recover, do not hesitate to deploy your reserve parachute. When uncertain, don't delay, deploy!

**NOTE:** After deploying your rescue parachute, it is imperative to have your harness thoroughly examined by a qualified professional to ensure that there is no damage to the equipment.



**WARNING !!!**

The length between the handle and the container must not exceed **28 cm**



# MISCELLANEOUS

## Towing

The ZIPPY 3 can be used for towing. Be sure to use the proper towing bridle equipment. The tow bridles should be attached to the main carabiners, if you have any doubts ask a qualified towing instructor

## Tandem Flying

The ZIPPY 3 is not designed for tandem flying.

## Flying over water

Water landings should be avoided at all costs, as the back protection increases the risk of the pilot floating in a head-down position. For safety training over water, we recommend wearing a proper flotation vest with a head support holding the wearer's head above the surface even when unconscious.



# INSPECTION AND MAINTENANCE INSTRUCTION:

Proper care, regular checks, and timely repairs are essential to ensure the longevity and safe use of your ZIPPY 3 paragliding harness from NearBirds. Here are some guidelines to help you take care of your harness:

## PRE-FLIGHT CHECKS:

Before each use, inspect the harness for any signs of wear and tear, such as frayed stitching, cuts, or abrasions.

Check all buckles, straps, and attachment points to make sure they are secure and functioning properly.

Check the reserve parachute, rescue handly and its container to ensure they are in good condition and properly packed.

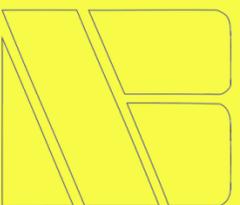
## REGULAR INSPECTION:

Every 50 hours of flying time or at least once a year, have your harness inspected by a professional paragliding equipment service center.

They will inspect your harness and perform any necessary maintenance or repair.

## STORAGE:

When not in use, store your harness in a dry and ventilated place, away from direct sunlight, moisture, or chemicals. Avoid folding the harness tightly or storing it with heavy objects on top of it. This can cause creases, and the materials can degrade over time.



## RECOMMENDED FREQUENCY OF MANUFACTURER'S INSPECTIONS:

As the manufacturer of the NearBirds Zippy3 paraglider harness, we recommend that you have your harness inspected by a professional paragliding equipment service center at least once a year or every 50 hours of flying time, whichever comes first. This recommendation is based on our experience with the materials and components used in the harness and the normal wear and tear that can occur during use.

Regular inspections by a professional will help identify any damage or wear that may not be immediately visible to the user. Such inspections will ensure that the harness remains in good working condition, ensuring that it will continue to perform as intended and keep you safe during your flights.

We also recommend that you visually inspect your harness before each flight, looking for any signs of wear, tear, or damage. This quick check can help identify any issues that may require further inspection or repair.

Please note that this recommended frequency of inspections is a general guideline and may vary depending on individual use and operating conditions. If you frequently fly in harsh or extreme conditions, or if you notice any changes in the performance or behavior of the harness, we recommend that you have it inspected more frequently.

Following these recommended inspection frequencies will help ensure that your NearBirds Zippy 3 paraglider harness remains in good condition and will continue to provide you with a safe and enjoyable flying experience.



## Impact Pad (protector) Degradation and Maintenance:

### Impact Pad Integrity:

The inflatable impact pad into the NearBirds Zippy3 paragliding harness serves as a crucial shock absorber, safeguarding the pilot during demanding landings. Despite its durability, continuous use and environmental factors may lead to gradual degradation, potentially compromising its protective efficiency.

### Factors Influencing Degradation:

Exposure to sunlight, moisture, and abrasion can accelerate the deterioration of the impact pad. Therefore, routine checks are vital to ensure the sustained functionality and condition of the inflatable protector.

### Recommended Maintenance Procedures:

1. Frequent Inspection: Regularly scrutinize the impact pad for indications of wear, including cracks, tears, or thinning. Pay particular attention to areas that encounter heightened stress. After a strenuous landing or a fall on the harness, conduct a thorough inspection of the impact pad.
2. Timely Replacement: In the event of any damage or degradation, promptly replace the impact pad to maintain optimal safety standards. Connect with the manufacturer or authorized NearBirds dealers for suitable replacement options.

### Routine Evaluation for Continued Protection:

By consistently examining and upkeeping the inflatable impact pad, you contribute to its sustained effectiveness during challenging landings. It is advised to periodically assess the function and condition of the impact pad, especially following prolonged use or exposure to harsh environmental conditions.

Prioritize the maintenance of your NearBirds Zippy3 harness's impact pad to ensure a reliable and enduring safeguard during demanding paragliding experiences.



## Environmental Information and Recommendations:

As paragliders, we have a responsibility to protect the environment and minimize our impact on the landscape. The NearBirds Zippy3 paragliding harness is designed to help you enjoy the freedom of flight while also respecting nature and the environment.

Here are some environmental recommendations to consider when flying with the NearBirds Zippy3 paragliding harness:

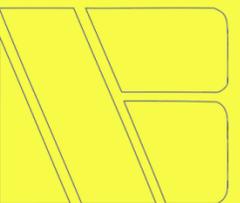
**Respect wildlife and their habitats:** When flying, be aware of the wildlife and their habitats that may be present in the area. Avoid flying close to their nesting sites, and do not disturb them with loud noises or sudden movements.

**Respect the environment:** Do not litter or leave any trash behind. Pack out all your gear and waste, and dispose of it properly when you land.

**Respect the landscape:** When flying, do not fly too low or too close to the ground, as this can damage the terrain and vegetation. Fly in a way that respects the landscape and the natural beauty of the area.

**Respect local regulations:** Be aware of and adhere to any local regulations, such as flight restrictions, noise limits, and landing and takeoff zones. Flying in restricted areas or violating regulations can lead to fines or legal action.

By following these environmental recommendations, you can help protect nature and minimize your impact on the landscape, while also enjoying the freedom and beauty of paragliding. As paragliders, we have a responsibility to be good stewards of the environment, and to ensure that this amazing sport can continue to be enjoyed for generations to come.



## RECYCLING INSTRUCTIONS:

The NearBirds Zippy3 paragliding harness is designed to be durable and long-lasting. However, when the time comes to replace the harness, it is important to dispose of it properly and consider recycling options.

The materials used in the NearBirds Zippy3 paragliding harness are generally recyclable. However, the recycling process can vary depending on your location and the specific materials used in the harness. Therefore, it is recommended to check with your local recycling center for specific instructions on how to properly recycle your old harness.

If you are unable to recycle the harness, it should be disposed of properly to avoid any negative impact on the environment. Do not throw the harness in the trash or leave it in the wilderness. Instead, consider the following disposal options:

1. Contact a specialized recycling company: There are specialized companies that can recycle paragliding equipment. Contact them for more information on how to properly dispose of your old harness.
2. Donate or sell the harness: If the harness is still in good condition, consider donating it to a paragliding school or club, or selling it to another paraglider.
3. Contact the manufacturer: The manufacturer may have a take-back program or other options for properly disposing of the harness.

By properly disposing of your old harness, you can help minimize waste and reduce the negative impact on the environment. It is important to be responsible and mindful of the environmental impact of our actions, even when it comes to paragliding equipment.

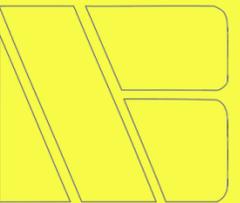
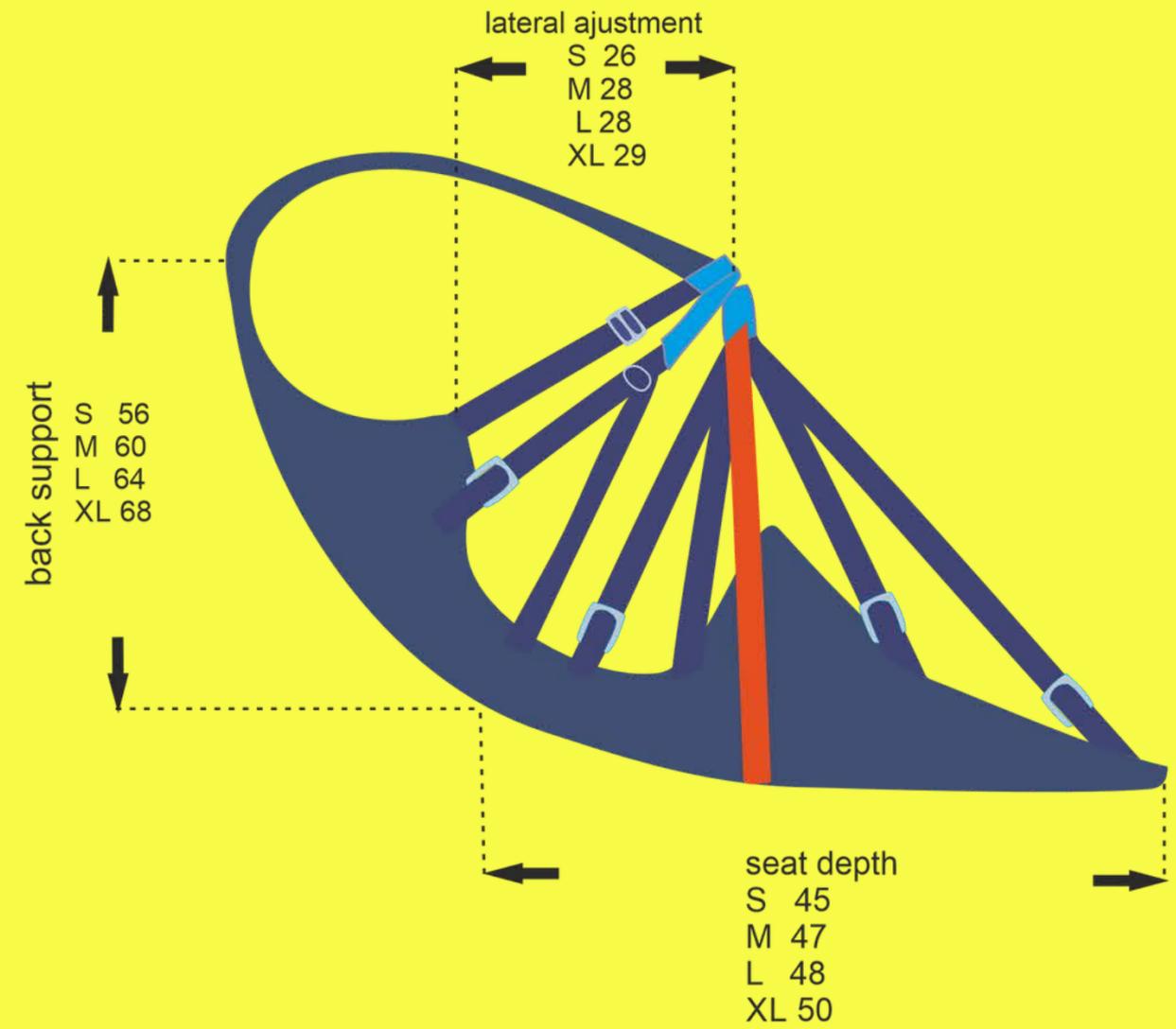
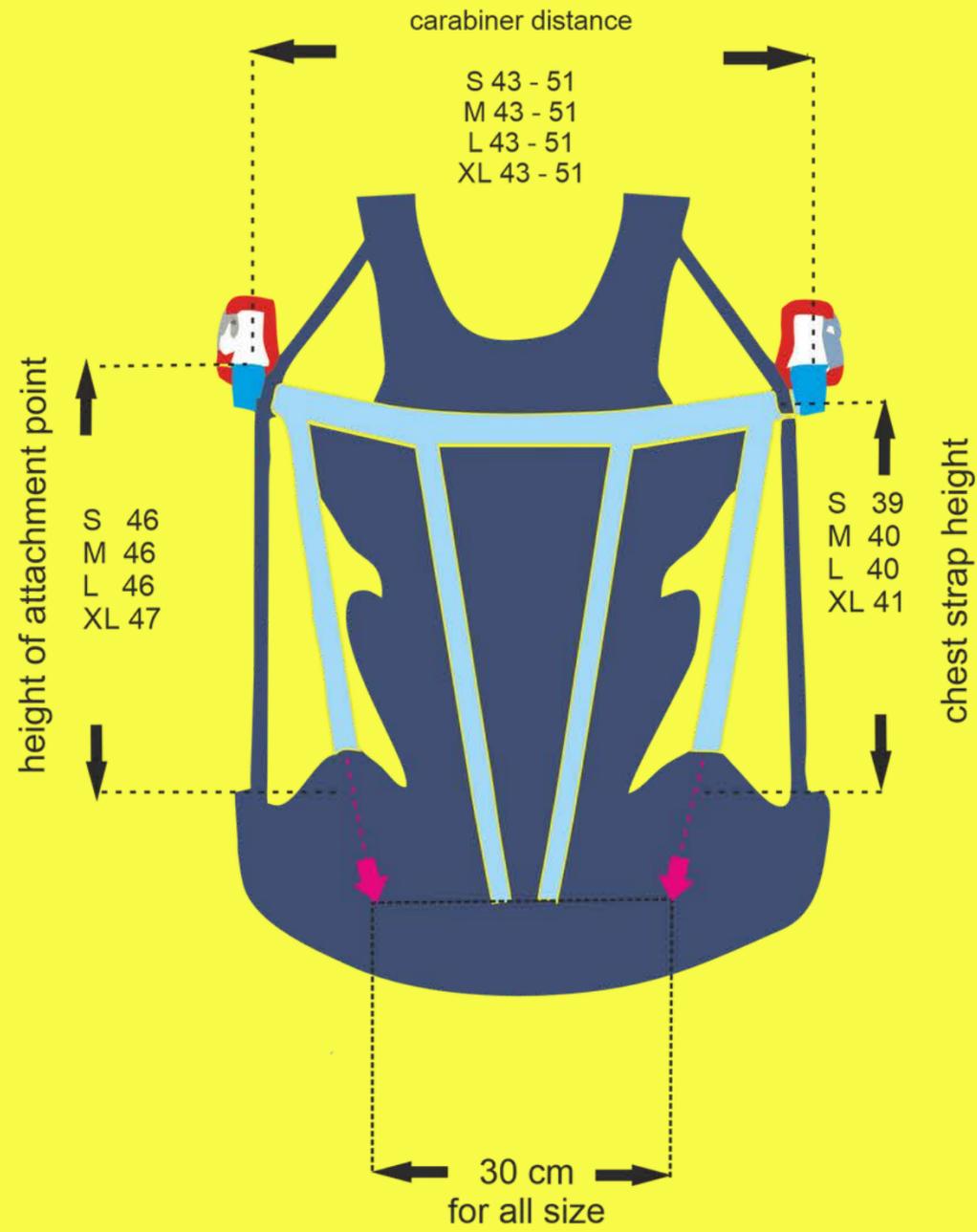


# SPECIFICATIONS

Body height (cm)	Body weight (kg)											
	45	50	55	60	65	70	75	80	85	90	95	100
155	S	S	S	S	S							
160	S	S	S	S	S							
165	S	S	S	S	S	M	M	M				
170		M	M	M	M	M	M	M	M	L	L	
175			M	M	M	M	M	M	M	L	L	L
180				L	L	L	L	L	L	L	L	XL
185					L	L	L	L	L	L	L	XL
190						XL						
195							XL	XL	XL	XL	XL	XL
200								XL	XL	XL	XL	XL



# HARNES MEASUREMENTS



# ZIPPY 3



## DELIVERY PACKAGE:

- 1 HARNESS
- 1 CARBONE STICK ON SEAT
- 1 CARBONE FOOT PLATE
- 1 FLIGHT DECK (YOU CAN CHANGE TO COCKPIT WITH RESCUE)
- 1 RESCUE DEPLOYMENT HANDLE
- 1 RESCUE BRIDLE
- 2 EDELRID CARABINERS

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NEARBIRDS