SUPAIR | DELIGHT5



User manual

Fr **En** De Es

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Introduction

Thank you for choosing the DELIGHT 5 harness for your paragliding practice. We are delighted to accompany you in our shared passion.

SUPAIR has been designing, producing, and marketing free-flight equipment since 1984. By choosing a SUPAIR product, you benefit from 40 years of expertise, innovation, and customer focus. It is also a philosophy: one of continuous improvement and the choice of quality production.

Below, you will find a manual intended to inform you about the operation, safety setup, and inspection of your equipment. We have aimed for it to be comprehensive, clear, and hopefully, pleasant to read. We advise you to read it carefully.

On our website www.supair.com, you will find the latest up-to-date information regarding this product. Should you have any further questions, please do not hesitate to contact one of our partner dealers. And of course, the entire SUPAIR team remains at your disposal at info@supair.com.

We wish you many beautiful and safe hours of flight.

The SUPAIR Team

Welcome to the world of paragliding according to SUPAIR, a world of shared passion.

The DELIGHT 5 is a cross-country harness. Comfortable, precise, and compact, it follows the successful lineage of the first four Delight generations. Modern and ambitious, it is an ideal choice as a first pod harness.

The DELIGHT 5 is perfect for travel and compatible with occasional hike-and-fly trips. It is designed for XC pilots flying an average of 4 to 5 hours.

The DELIGHT 5 harness is certified EN 1651+A1 and LTF 91/09 up to 130 daN (approximately 130 kg). It is also CE certified in accordance with Directive 89/686/EEC. This product meets the shock protection requirements of the European standard EN 1651+A1, meaning it complies with European safety standards.

After reading this manual, we invite you to test your harness in a simulator (hang point) before your first flight.

The DELIGHT 5 is designed with lightweight materials. Do not fly with boots that have lacing hooks or prominent crampons. They could snag and tear your speedbag or catch on a line or strap.

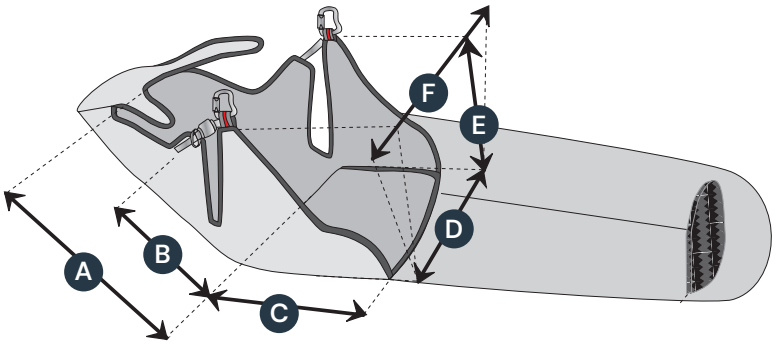
N.B.: Here are three indicators to help you read this manual:


Advice


Warning!


Danger!

Technical data



	DELIGHT 5	S	M	L	XL
	Harness wieght (kg)	3,23 kg	3,4 kg	3,72 kg	3,8 kg
	Pilot size (cm)	155 - 170 cm	165 - 180 cm	180 - 190cm	>190 cm
	Pilot wieght (mini-maxi) (kg)	60 - 80 kg	65 - 85 kg	70 - 95 kg	>90 kg
	Certification in load	130 daN (approx. 130 Kg)			
A	Back length (cm)	58 cm	65 cm	72 cm	76 cm
B	Back inclination adjustment (cm)	35 cm	36,5 cm	41 cm	43 cm
C	Seat length (cm)	45 cm	45 cm	45 cm	49 cm
D	Seat width (cm)	33 cm	33 cm	35 cm	37 cm
E	Carabiners height (cm)	45 cm	45 cm	46 cm	47 cm
F	Carabiners distance (cm)	38 - 46 cm	38 - 46 cm	40 - 48 cm	42 - 48 cm
	Back pocket volume	21L	22L	27L	29L
	Ballast pocket volume	5L	5L	5,5L	5,5L
	Impact dumping system	BUMPAIR DELIGHT 5			
	Designed for	Paragliding only			
	Certification	Yes: EN 1651 +A1 / LTF			
	Tandem (Pilot or Passenger)	No			
	Towing	Yes			
	Releasable carabiners compatibility	No			
	Reserve parachute pocket volume (L)	2L to 5,3L			

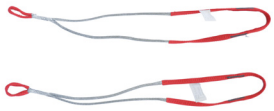
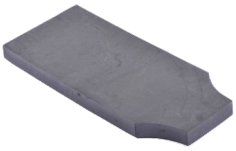
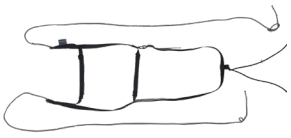
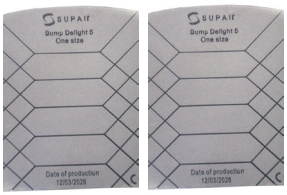
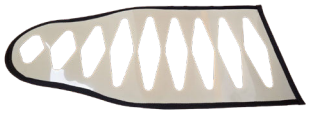
Size choice

	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05
50	S											
55	S											
60	S											
65	S					M						
70	S			S / M		M						
75			S	S / M		M		M / L				
80				M			M / L		L	L/XL		
85				M			M / L		L	L/XL	XL	
90						M / L	L			L/XL	XL	
95							L		L/XL		XL	
100							L		L/XL	XL		
105								L/XL	XL			
110									XL			
115										XL		
120											XL	

Components list



1 Naked harness

			
2 DYNEEMA solo risers	3 Reserve parachute handle/pod	4 EDELRID FORAS automatic carabiners	5 Back protection plate
			
6 Carbon seat-plate	7 Carbon footplate	8 3B Standard 2 speedbar	9 DELIGHT 5 BUMPAIR
			
10 **Anti-perforation mylar**	11 **Scoop mylar**		

Equipment overview

















1. Cockpit
2. Reserve parachute pocket and handle
3. Main attachment points
4. Small storage pocket
5. Back storage pocket
6. Belly strap
7. Belly strap adjustment
8. Back inclinaison adjustment
9. Shoulder straps adjustment
10. Reserve parachute attachment points
11. Speedbar pulleys
12. BUMPAIR

Accessories assembly

Carabiners

COMPATIBLE CARABINERS:
Carabiners EDELRID FORAS
Réf. : MAILMOUSFORAS

1 Insert the carabiner into the 3 main attachment straps.



2 Pass the carabiner through the hole in the coverleg provided for this purpose.



Footplate

COMPATIBLE FOOTPLATES :
Carbone footplate
S/M : MPPL010
L/XL : MPPL024

⚠ Place the widest side on top and the smallest on the bottom.



1 Turn the coverleg tip over.



2 Open the velcro of the pocket.



3 Insert the foot plate with the larger part upwards.



4 Close the velcro and put it back correctly.



Seatplate

The DELIGHT 5 harness can be used with and without seatplate.

Flying with a seatplate provides a more rigid base and more efficient weight shifts. The harness gives more information and is more precise.
The harness will also be easier to manage in case of flight envelope exit. The seatplate also contributes to a more comfortable seat without side compression.
Flying without the seatplate makes the seat soft and slightly raises the attachment points. The harness is therefore more neutral in feel and more stable. Without the seatplate, the pelvis is more stable. Note that if the glider is out of its flight envelope, the precision of the control system must compensate for the lack of support and precision provided by the seatplate.

COMPATIBLE SEATPLATE :
Seatplate CARBON MINI
S / M : Réf MPPLO21
L / XL : Réf : MPPLO25

1. The seat plate is located beneath the BUMPAIR's lower protective foam. Undo the lower zip.



2. There you will find the slot for the seatplate; it secures with a Velcro fastener.



3. Insert the seat board with the curved side facing the rear and the seat hollow facing downward.



4. Insert the seatplate all the way to the back of its slot.



5. Secure the Velcro.



Back protection plate

1. Open the back pocket zipper and spot the pocket for back protection.



2. Open the back protection pocket zipper.



3. Install the back protection with curved corners to the bottom.



4. Re-zip the pocket dedicated to the back protection.



5. Close the back protection pocket.



BUMPAIR

The DELIGHT 5 harness must be used with its BUMPAIR. The DELIGHT 5 BUMPAIR is made of two parts. The “Upper” and the “Lower” part.

COMPATIBLE BUMPAIRS:
BUMPAIR DELIGHT 5
Réf. : PROBUMPD5

Both parts must be installed for proper operation.

1. Fold down the harness to acces the BUMPAIR.



2. Open the first compartment (the closest from the seat).



3. Insert the upper foam in its compartment.



4. Close the compartment thanks to the zipper.



5. Spot the second compartment.



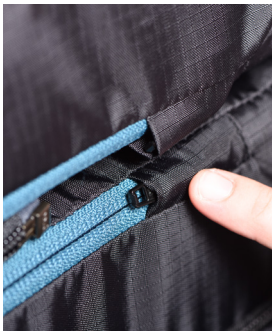
6. Insert the lower foam in its compartment (straight side toward the ballast pocket).



7. Close the main zipper.



The zip slider of the compartments has to be correctly stored in its place in order to avoid any tangle with a strap or during the BUMPAIR manipulation.





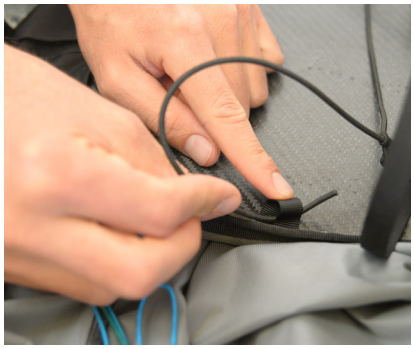
Speedbar

COMPATIBLE SPEEDBAR:
3B STANDARDS
Ref : ACCEL3BSTD2

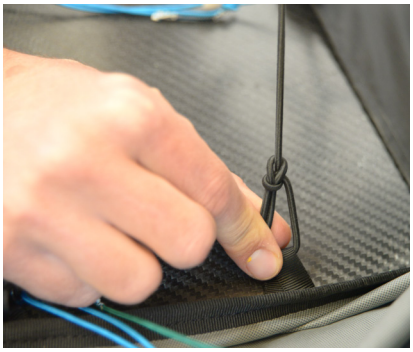
1. Fold the tip of the speedbag to acces the footplate.



2. Pass the string through the footplate passers-by.



3. Attach each string with a knot.



4. Pass the strings in the guide rings at each side of the seat.



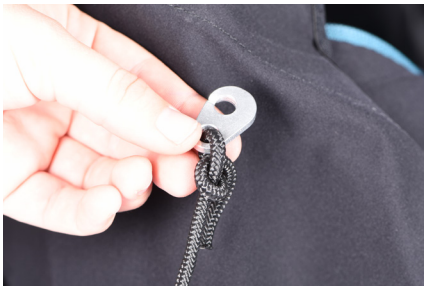
5. Pass the speedbar's string through the pulley on the side fabric of the harness as close to the seat as possible.



6. Pass the string through the welt opening on the side fabric of the speedbag.



7. Finally, attach the split hooks in order to connect the speedbar system to your glider.



8. Verify the proper functioning of the speedbar by simulating the acceleration, that is to say by sliding out the string.

Warning: make sure that the speedbar is not set too short. It could be dangerous. When you do not use the speedbar, the string should not be stretched at the risers.

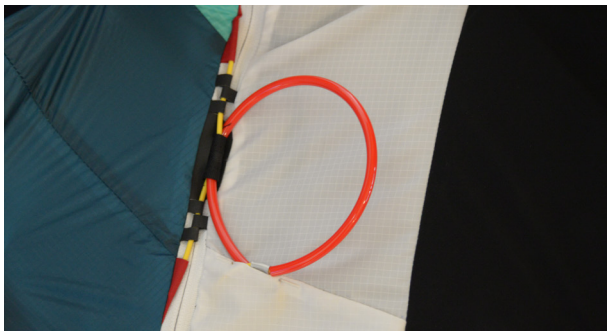
Installing the reserve parachute

Thank you for reading the following carefully !
We recommend for the initial rescue parachute assembly and installation to be made by a qualified professional.
Reserve parachute folding and installation inside the harness must conform to the specific guidelines found in this manual.

The volume of the rescue parachute may change depending on the packing. We have checked the compatibility of our rescue parachutes. Other rescue parachutes may be compatible, but you must ensure that the system works properly.

Main Container specifications

• Zipper + flaps locked by handle's cables
• Volume from 2 to 5.3 litres
• Adapted to the reserve parachutes SUPAIR SHINE, X-LITE, FLUID LIGHT and FLUID LIGHT EVO as well as other solo reserve parachutes.



DELIGHT 5 in S and M			
Compatible parachutes	**S**	**M**	**L**
SHINE	**Yes**	**Yes**	**Yes**
FLUID LIGHT EVO	**Yes**	**Yes**	**Yes**
X-LITE	**Yes**	**Yes**	**Yes**

DELIGHT 5 in L and XL			
Compatible parachutes	**S**	**M**	**L**
SHINE	**Yes**	**Yes**	**Yes**
FLUID LIGHT EVO	**Yes**	**Yes**	**Yes**
X-LITE	**Yes**	**Yes**	**Yes**

Folding the reserve parachute in its pod

Warning: the DELIGHT 5 S & M must be used with a S/M reserve parachute pod
the DELIGHT 5 L & XL must be used with a L/XL reserve parachute pod.

1 The reserve parachute must be set in the DELIGHT 5 specific pod.
Prepare the reserve parachute next to the pod in order to transfer it.



2 Open the original reserve parachute pod.



3 Reform the folding in the DELIGHT 5 pod respecting the rectangular shape of the pod



4 Store the reserve parachute lines in the pod at the opposite side of the handle.



5 Close the pod through the grommets in the correct order as follows:









6 Pass the lines in the loop to lock the pod opening.



7 Verify the final installation.



Connecting parachute risers to the harness

1 Access the parachute attachment points by opening the riser guide zip, located on top of the left shoulder.



2 Connect each riser to an attachment point using a lark's head knot. Insert the loop of the attachment point into the small loop.



3 Insert the large loop into the loop of the attachment point.



4 Proceed the same way for the second attachment point.



Installating the parachute in the container

Thank you for reading the following carefully ! We recommend for the initial rescue parachute assembly and installation to be made by a qualified professional.

Reserve parachute folding and installation inside the harness must conform to the specific guidelines found in this manual. We do not accept any liability for any other use.

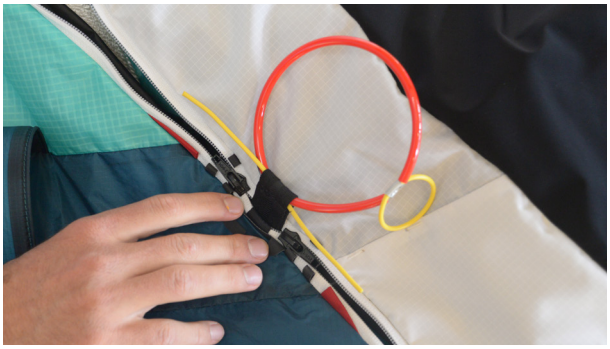
1 The reserve parachute must be set in its pocket with risers oriented towards the harness back and with the reserve parachute handle at the opposite.



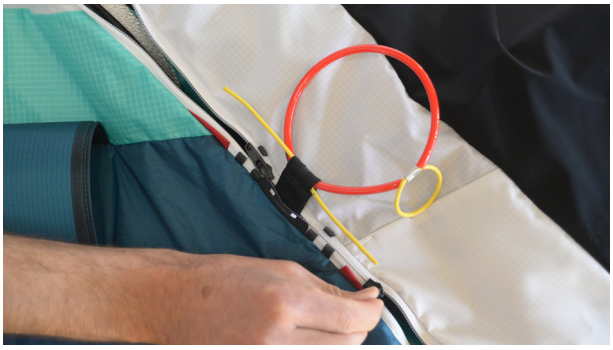
2 Place the reserve parachute in the parachute pocket respecting the orientation given in the previous step. Make sure the reserve parachute is properly installed at the bottom of the pocket.



3 Take the zip slider at the very bottom of the zipper. Only the handle is sticking out.



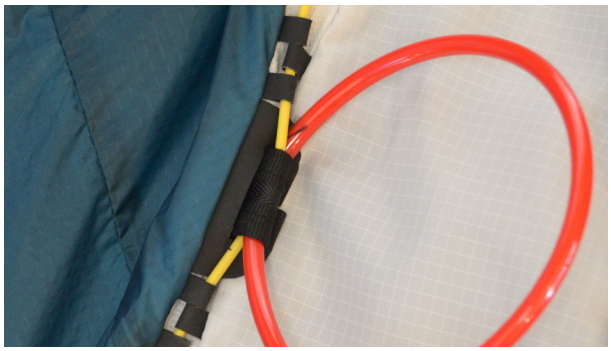
4 Take the zip slider halfway up. The bottom of the parachute pocket should now be closed.



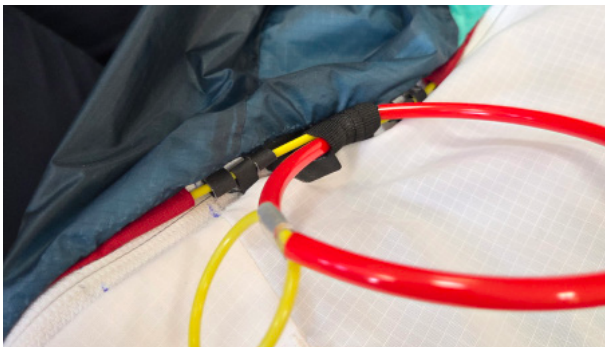
5 Pass the first handle cable in the 3 loops located on the zipper. Make sure that the cable is inserted all the way through.



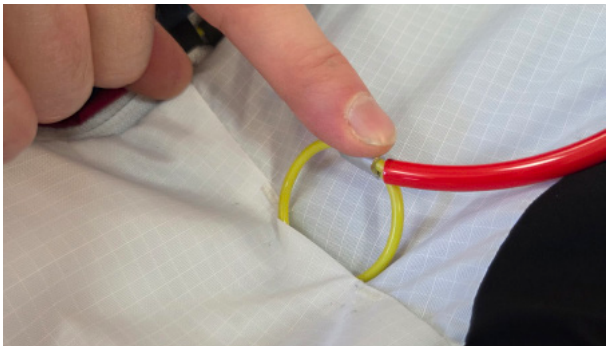
6 Insert the handle into the notch.



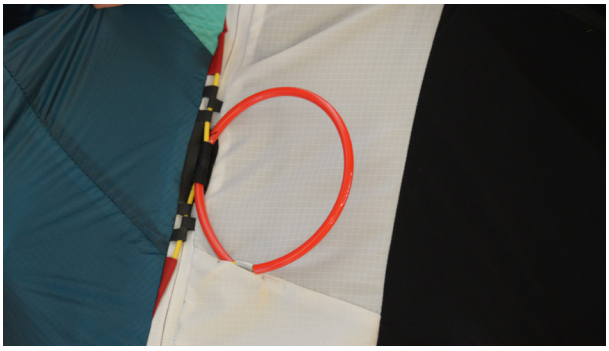
7 Repeat the process with the second rod. Once again, ensure that the rod is inserted completely, until it reaches the stop.



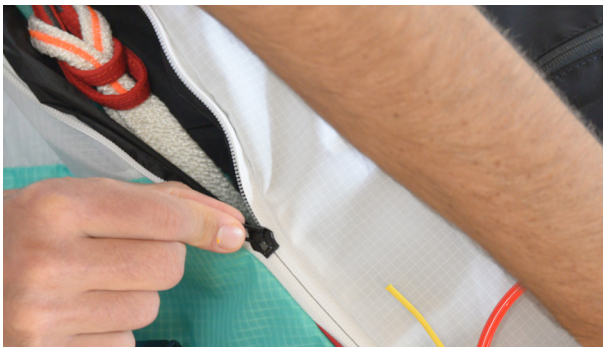
8 Insert the ring into the slot.



9 Ensure that your final installation matches the following illustration:



10 Slide the zipper pull all the way up to the end of the left shoulder and tuck it.



Mandatory extraction test procedure

⚠ Check the completed installation during a hang-test.

⚠ Regularly check that the parachute is not twisting inside the main pocket. If it is, place it inside the compression bag.

Have the installation checked by a professional outfit. Conduct an extraction test every six (6) months to ensure proper system functionality.

Note :
Conducting and extraction test does not imply deploying the reserve parachute which will stay inside its pod.

Storage & tips

1 Back storage pocket

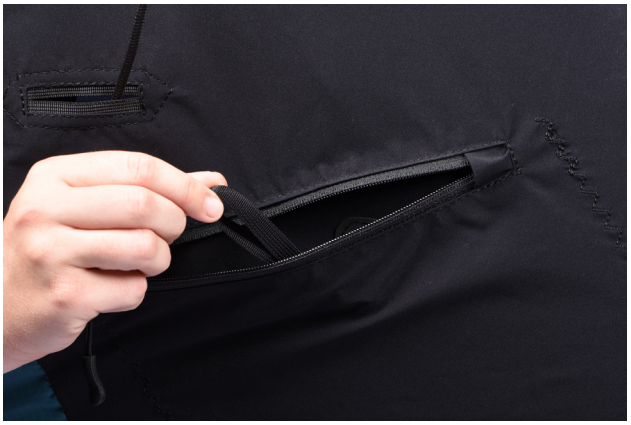




2 Hose outlet of the water bag.



3 Cockpit pocket



4 Small side storage pocket with accessory security clip + radio cable passage

Compact folding

1 Put the harness on its back.



2 Fold down the seat. Open the BUMPAIR main zipper.



3 Unfold the BUMPAIR.



4 Fold back both edges of the harness and pass the shoulder straps over the BUMP. Turn the harness over, with the fairing facing upward.



5 Open the back pocket and tuck the fairing inside it.



On takeoff, be careful not to jam the speedbar between the two parts of the BUMPAIR when folding and closing the protection. This would make the speedbar unusable during flight.

Various adjustment

We recommend adjusting your harness in a test frame before use.

1 Adjusting the chest strap



2 Adjusting the shoulder straps.



3 Adjusting the backrest.



4 Adjusting the coverleg



Harness adjustments

Back inclinaison

- Tightening will bring the backrest at a more vertical angle (recommended posture for beginners).

- Releasing the backrest will tilt the back support rearward.



Loosening



Thightening

Adjust the shoulder straps



Loosening



Thightening

Adjust the length of the shoulder straps using the shoulder adjustment buckles.

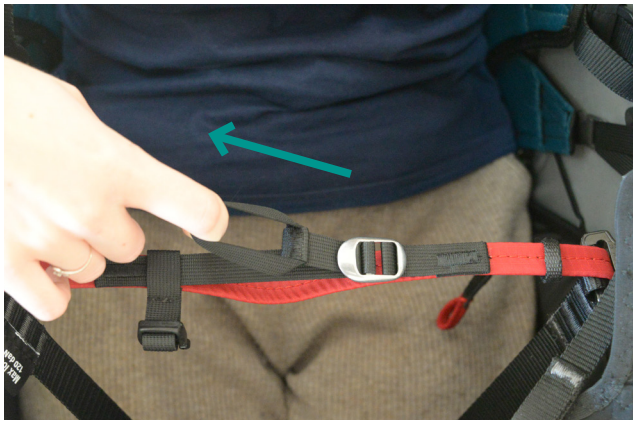
The support provided by the shoulder straps contributes to your comfort. It must be precise: neither too tight nor too loose.
The straps should provide support and hold your torso in place.

Belly strap adjustment

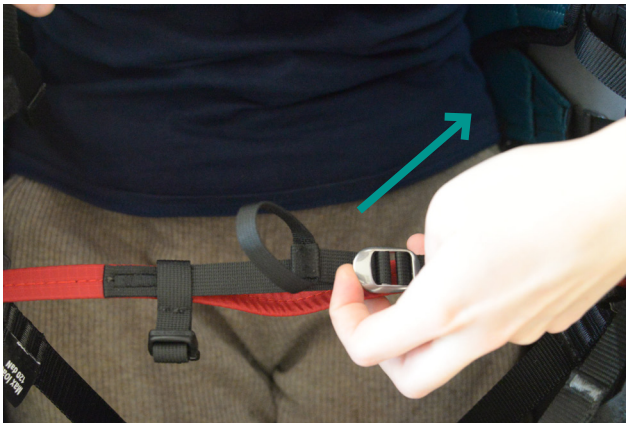
Tightening the chest-strap provides more stability but less piloting efficiency while increasing the risk of riser twisting.

On the contrary loosening the strap provides more efficiency but can be dangerous in turbulent aerology (increased risk of falling towards the collapsed
side of your glider).

Lumbar support:
This setting allows to adjust the back support as much as you want.
The tighter the setting, the more lying the flight position. If you loosen this setting the position will be more upright.



Thightening



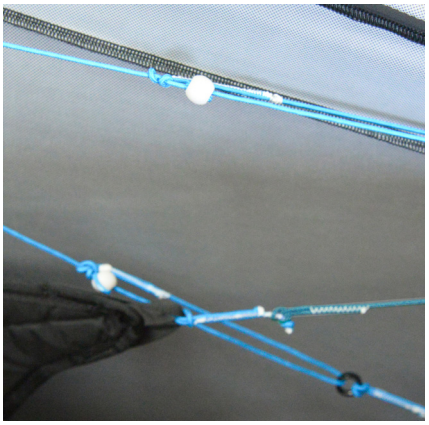
Loosening

The distance to consider corresponds to the length between the middle points at the bottom of each carabiner.
The ideal distance varies between paragliding wing models.
Adjust your chest strap according to the recommendations of your paraglider manu-facturer.

Speedbag adjustment

Speedbag length:
Your legs must be stretched, sit to the bottom of the harness.





1. Adjust the heel strap so that your legs are streched but your knees still unlocked.

2. Adjust the foot-tip strap so that you are comfortable.

If the setting is too long or too short, move the attachment points.





if the harness leans forward:
- the speedbag adjustment is too long
- the back support adjustment is too short

if the harness leans backward:
- the speedbag adjustment is too short
- the back support adjustment is too long

Once the adjustments have been made correctly, lock the strap through the double loop to prevent the adjustments from moving.

Connecting glider >harness

Without twisting the risers, connect them to the harness attachment loops using the self-locking carabiners.

Check for the risers to be properly positioned and untwisted. The «A» risers must be located at the front and facing the flight direction (see diagram).

Lastly, check for the main self-locking carabiners to be fully closed and locked in place.



Mousqueton
EDELRID FORAS

Sens du vol

Connecting speedbar

Install the speedbar by following the instructions found previously.
Connect it to the wing using the split hooks.
Once the speedbar is connected, adjust its length according to your measurements.



⚠ For correct use, there must not be any tension at the split-hook level when the speedbar line is fully relaxed.

Getting into the harness

1 Put on the shoulder straps.



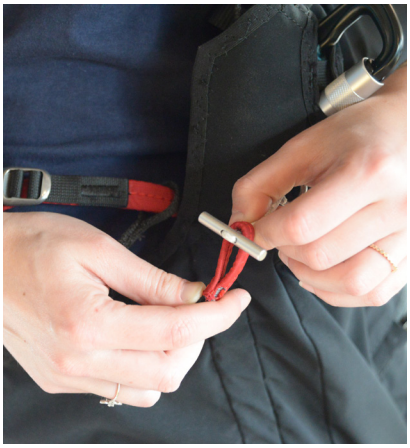
2 Close the left and right loop of the belly strap.



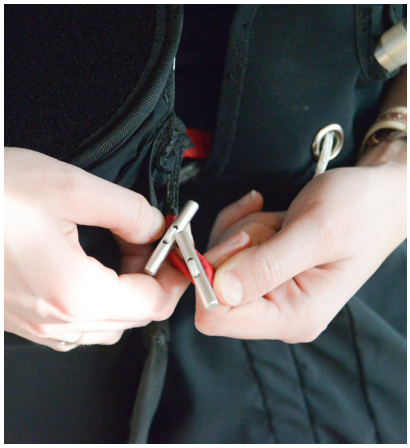
3 Close the right clip of the speedbag.



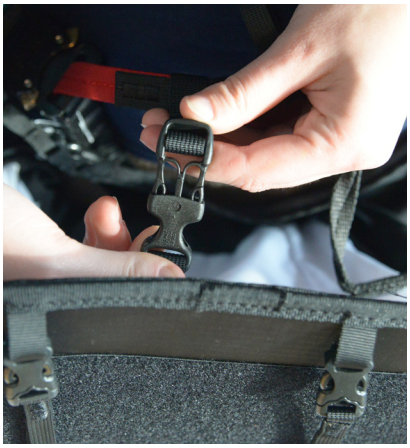
4 Pass the aluminum speedbag bar through the red loop.



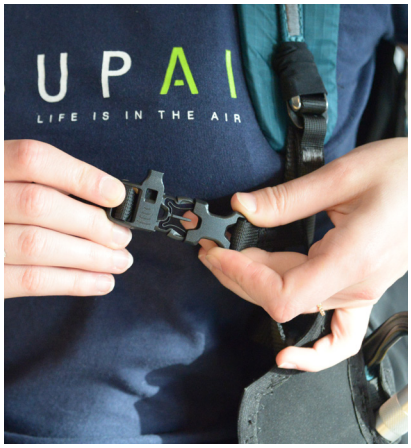
5 Pass the aluminum cockpit bar through the red loop.



6 Close the cockpit clip.



7 Close the chest strap clip.



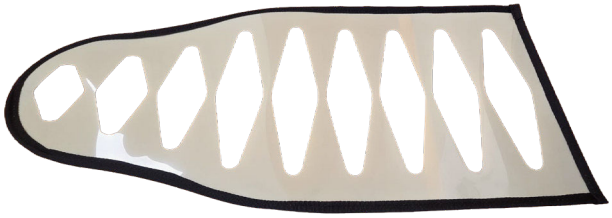
Before every takeoff, verify that you are properly secured.

If in doubt, restart the procedure from the beginning.

Spare parts



1 **Anti-perforation mylar**



2 **Scoop mylar**



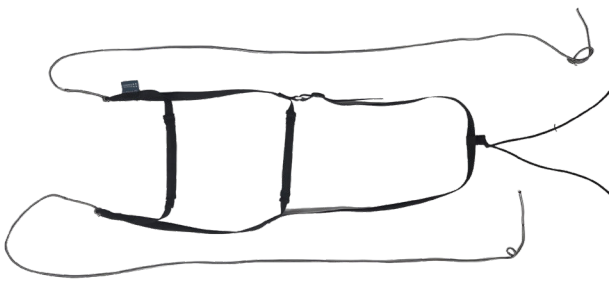
3 **Carbon seatplate**
Réf. size S/M: MPPLO21
Réf. size L/XL: MPPLO25



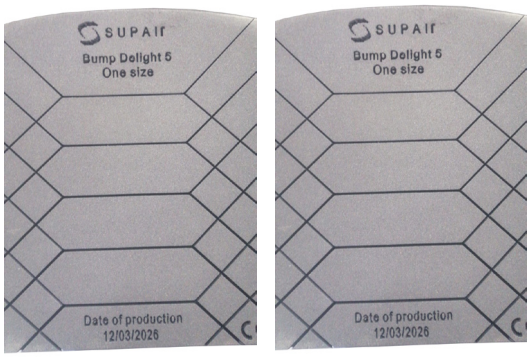
4 **Handle and pod**
Réf.: S/M : POID5SM
Réf.: L/XL : POID5LXL



5 3B Speedbar
Réf.: ACCEL3BSTD2



6 BUMPAIR DELIGHT5
Réf.: PROBUMPD5S



7 Carbon footplate
Réf. size S/M: MPPL010
Réf. size L/XL: MPPL024



Inflight behavior

The fifth generation of the DELIGHT follows in the footsteps of its predecessors: a high-performance harness that is comfortable, dampened, and reassuring.
Upon takeoff, the DELIGHT 5's lightweight design allows for excellent mobility, ensuring easy and intuitive ground handling.

In flight, its stable and reassuring character is inspired by that of the DELIGHT 4 and the STRIKE 2. The harness filters the air mass, transmitting only the information necessary for precise and comfortable piloting. Adjusting the chest strap influences the stability of the harness, allowing the DELIGHT 5 to adapt to the individual preferences of every pilot.

The DELIGHT 5 is designed to be flown in a seated or semi-reclined position, making it a harness suited for both experienced pilots and those looking for their first accessible, user-friendly pod. The DELIGHT 5 allows you to exploit the full potential of your wing throughout the flight.

The backrest structure is stiffer than that of the DELIGHT 4, improving comfort during accelerated flight and making cross-country flying easier and more pleasant. The DELIGHT 5 also differs from the DELIGHT 4 by the inclusion of an aerodynamic fairing, which increases stability on the yaw axis. With adjustments that are accessible in flight, it is a harness that is easy to set up and remains comfortable at all times.

Performance, comfort, and simplicity make the DELIGHT 5 the ideal harness for cross-country flying! The harness can be flown in a seated position with legs bent; it remains maneuverable, allowing you to handle turbulent conditions and optimally manage any potential flight incidents.
To get to know your new harness, we recommend making your first flights with your usual wing, in calm conditions, and at a site you are familiar with.



Flight phasis

Pre-flight control

• Check that the harness and the carabiners are not damaged
• Make sure that the reserve parachute safety cables to ride through the closing tabs keeping the reserve rescue pocket flaps closed.
• Check that your personal settings haven't changed.
• Check that all zippers and buckles are closed.
• Check that the speedbar is correctly connected and set up.
• Check that no rigging line or other object comes in contact with rescue parachute handle.
• Make sure that the self-locking carabiners are locked and connected to the paraglider.

take-off

Before every takeoff, it is imperative to verify that you are correctly secured according to the instructions provided on page 25 of this manual.
If in doubt, restart the procedure from the beginning.

- Take off while maintaining an upright posture; once you are at a safe distance from the terrain, settle into the harness.
- Do not release the controls when flying close to the terrain.
- Wait until you are sufficiently far from the relief before sliding into the speedbag.
- Be extremely careful not to push on the speedbar while settling into the speedbag, as this could cause a frontal collapse.

In flight

Once in flight, the DELIGHT 5 behaviour is intuitive and stable.
Please set the distance between the two carabiners according to aerology and to the wing manufacturer's recommendations.

Speedbar use

We recommend a cautious speed-bar use due to the increased risk of major partial or full frontal collapses. Use the speed-bar/accelerator (transitions) only when far away from the ridge and in calm weather conditions as the wing becomes more sensitive to turbulence when accelerated. If you feel a loss of tension in the speed-bar/accelerator, stop pushing it and apply a light brake pressure on the toggles to prevent the glider from experiencing a potential frontal collapse.

To properly use the speed-bar, keep one foot at the foot-rest center space, and push with the second foot on the first speed-bar to obtain a symmetrical acceleration. Use one foot for the first stage and the other for the second stage.
To decelerate, stop pushing and gradually release the accelerator/speedbar tension.

Landing

When making a landing approach, take your legs out of the Speedbag well in advance. Stand up inside the harness and adopt an upright
position in order to run and dissipate the horizontal speed.

Always be certain to have enough altitude to make a landing approach corresponding to the weather conditions of the moment and
terrain.
During the landing approach, never make hasty maneuvers. Always land upwind in a standing posture and be ready to run upon touchdown if necessary.

During high wind speed landings, turnaround and face the wing as soon as ground contact is made and move toward the wing while braking symmetrically to deflate it.

Do not land in a seated position as it is dangerous.

Using the reserve parachute

Throwing the reserve parachute

It is strongly recommended to frequently check your reserve parachute handle location while in flight. This exercise should be executed instinctively and will increase your chances of a successful parachute extraction in case of an emergency.

Estimate your AGL (Altitude Above Ground Level), which if high enough may make it worth trying to bring your wing back to a normal flying configuration.
If in doubt, quickly deploy your emergency parachute. Deploying a rescue parachute should be done only in an emergency.

With a strong, lateral and then vertical tug, pull the handle towards you and then throw the parachute away from you (including the container and its handle) toward a clear unobstructed area of the sky.
As soon as the parachute deploys, bring as much of the glider as possible toward you by pulling as symmetrically as possible on the “C” or “D” risers or on the toggles/brakes.

Be prepared to land by adopting an upright position, with knees together and legs slightly bent. Prepare to roll down with pivoting shoulders in a paragliding fall (PLF).

The best way to extract the reserve parachute is to pull the rescue outwards at an angle of 20-45°. Between 45-60°, extraction may require additional effort.

As you use the reserve parachute, regroup your body in the harness by straightening forward and bringing your legs under the harness. Train regularly under hanging device for your own safety.



Towing

To takeoff under tow, you must be equipped with a quick release specially designed for the task. Connect the tow bridle to the wing riser loops with a Dyneema adaptor with a resistance greater or equal to 300kg.

The tow bridle will then be fastened by using a lark's head knot or an adapted metal link. To complete the installation, follow the tow bridle reales manufacturer's recommendations.

Mandatory controls

To be checked every 6 months

- Ascertain parachute deployment functionality by pulling the handle to activate a clean pod extraction sequence
- Inspect the harness for wear and tear.

Annual check

An annual deployment and repacking of the reserve parachute must be conducted by competent and certified personnel.

Care

Harness cleaning and maintenance

It is a good idea to clean your harness from time to time. We recommend using a brush and soft solvents only (soap or mild cleaning agents). Rinse thoroughly. Never use aggressive chemicals such as strong solvents which could be harmful to the harness's fabric, webbings, stitching and weaken its integrity.

The zip fasteners should be lubricated from time to time, using a silicon spray. If you regularly use your harness in a dusty environment (dirt, sand, etc...), we advise you to regularly check and maintain your carabiners and buckles: clean them with a mild detergent, then blow dry them fully but DO NOT LUBRICATE !

Prior to using them, conduct a thorough carabiners and buckles checkup to insure their full functionality. If you use your harness in a marine/sandy/salty environment, pay particular attention to your gear and follow a rigorous care/maintenance routine.

Storage and transport

When not in use, your harness should be stored inside your paragliding backpack, in a dry, cool and clean place, protected from UV exposure.
If your harness is wet, please dry it thoroughly before storing. For transport, protect the harness from any mechanical or UV deterioration (use a bag). Please avoid long transports in wet conditions.

Repair

In spite of using the highest quality products to manufacture the DELIGHT4 SPORT, it is possible for your harness to deteriorate through general use.
If showing any sign of wear and tear, it should be sent for inspection and/or repairs at a professional certified facility.

SUPAIR now offers an extended warranty period reaching beyond the product standard protection plan against manufacturing defects.
Please contact us either by telephone or by E-mail sav@supair.com in order to receive a quotation.

Life span



• Once every two (2) years, a thorough harness inspection must be conducted :
• Webbing wear and tear (no excessive wear, no rip beginning, no unwanted folds)
• Buckles and carabiners (functionality, wear and tear).



BUMPAIR dorsal protector damage after substantial impact(s). It must be replaced by a new one after two (2) substantial impacts or five (5) years of use (whichever comes first). The threads and fabric used for the manufacturing of the DELIGHT 5 were specifically selected for their quality and resilience levels. However, in particular instances such as long term UV exposure, abrasion, contact with damaging chemicals, general wear and tear, the harness will need to be inspected at a professional certified repair facility. Safety comes first!



Carabiners must not be used for any purpose other than paragliding (climbing, towing, etc.). SUPAIR recommends replacing the carabiners every 5 years or after 500 hours of use.

Modification prohibited

Our products are designed, tested, and certified according to strict safety and performance standards. Any modification, transformation, or adaptation of a Supair product is strictly prohibited.

Recycling

All of our materials are selected for their excellent technical and environmental characteristics. None of the components in our products are hazardous to the environment. Many of our components are recyclable.

If you or a specialized workshop determine that your DELIGHT 5 harness has reached the end of its lifespan, you can separate all metal and plastic parts and follow the waste sorting regulations in effect in your country. Regarding the recovery and recycling of textile components, we invite you to contact organizations specialized in textile waste management.

Hardware & Parts

Fabrics
- Ripstop duraford robic
- Aquatech light stretch
- Skytex 38G
- Taffeta 50D

Straps
- Dyneema Polyester 25mm
- Sangle Polyesther 15mm
- Sangle Polyamide 20mm

Warranty

SUPAIR takes the utmost care in the design and production of its products. SUPAIR guarantees its paragliding products for 2 years (from the date of purchase) against any manufacturing defects or design flaws that may occur during normal use. Any misuse or improper use, any excessive exposure to harsh conditions (such as high temperatures, intense sunlight, or high humidity) that could lead to damage, as well as failure to comply with the mandatory maintenance schedule, will void this warranty.

Any modification to a Supair product will automatically void its warranty.

Pilot's gear



It is essential for you to wear a suitable head protection (certified paragliding helmet), boots and right clothing for the activity.
Moreover,carrying a reserve parachute connected to your harness in flight is highly recommend.
All accessories, wings, and reserve parachutes from the SUPAIR range (excluding tandem equipment) are compatible with the DELIGHT 5 harness. For more information, please visit our website: www.supair.com

Disclamer



Paragliding is an activity requiring specific skills and sound judgement. Learn how to fly within the environment of a certified paragliding
school. Carry an insurance policy with you in addition to you pilot certification. Always mind and gauge your personal skills relative to the
elements you want to be flying in. Better be safe than sorry ! SUP'AIR can not be held responsible for your paragliding decisions or activities.



This SUP'AIR product has been designed exclusively for paragliding. Any other activity such as skydiving or BASE jumping is absolutely
forbidden.

Eco-responsa-bility

Paragliding is an outdoor activity. You are operating in an environment for which you are responsible. Please ensure that you:

- respect the local flora and fauna
- do not litter
- do not make more noise than necessary.

By doing so, you contribute to the preservation of the environment and the sport itself.

BUMPAIR DELIGHT 5 shock absorber

The harness you have just acquired features BUMPAIR-type protection. This protection is designed to provide impact absorption.

It complies with EU Regulation 2016/425 regarding Personal Protective Equipment (PPE) and is certified by expert assessment according to the CRITT-SP SL-003 09/2021 protocol.

The CE compliance of your harness's shock absorber is certified by the following laboratory: ALIENOR CERTIFICATION n°2754, Z.A. du Sanital, 21 Rue Albert Einstein, 86100 Chatellerault, FRANCE.
Test reports and the EU Declaration of Conformity are available on our website at: : www.supair.com/telechargements/

Please note that no shock absorber can guarantee total protection against injury. The back protector does not prevent potential injuries to the spine and/or pelvis. In addition, only the parts of the body covered by the shock absorber are likely to benefit from adaquate protection against possible impacts.

Please note that the performance of the equipment can be dangerously affected by any modification made or improper use of the shock absorber, and negatively affect the proper functionality of the protector which must be whole and properly installed. You must check that all is in order prior each flight:

- The correct shape and inflation of the BUMPAIR/ shock absorber.
- The BUMPAIR seams and overall condition of the fabrics - look for holes, tears, snags ....

The protection can have a five (5) year lifespan under normal use conditions.

Warning! Following a major hard landing the protector can be damaged.

Transport

The transport and maintenance of the BUMPAIR is the same as for the harness. The revision of the shock absorber is also the same as that of the harness.
The BUMPAIR must be stored in an uncompressed state.

Contrôles et répartions

Have your protection checked once a year. If your shock absorber is damaged, have it professionally assessed and repaired or contact us at sav@supair.com. For disinfection, please contact sav@supair.com.

Storage and cleaning

tore your protection in a dry, ventilated area at room temperature and not compressed.
It must be cleaned only with water.
If your shock absorber is damaged, have it professionally tested and repaired or contact us at sav@supair.com.
Test reports and the EU Declaration of Conformity are available at: www.supair.com/telechargements/

Certification

• Complies with EU regulation 2016/425
• Certified by expert opinion according to protocol SP-003 09/2021
• The EU declaration is available on the website www.supair.com
• Certified by ALIENOR CERTIFICATION n° 2754 ZA DU SANTAL 86100 CHATELLERAULT France

PPE manufacturer:
SUPAIR s.a.s
Parc Altaïs, 34 rue Adrastée,
74650 CHAVANOD
FRANCE
RCS Annecy 387956790
Tel: +33 4 50 45 75 29
www.supair.com

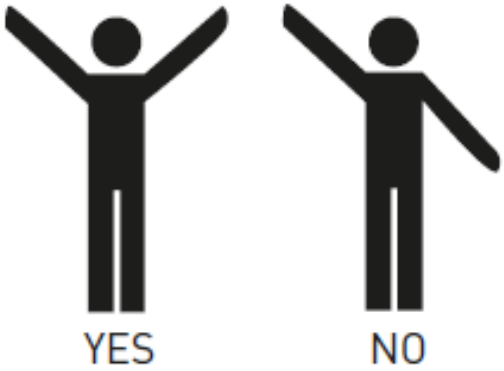
CE

In case of accident

Emergency numbers

EUROPE / INDIA	112
USA / CANADA	911
CHINA / JAPAN	119
NEPAL	101
IRAN	112
AUSTRALIA	000
NEW ZEALAND	111

Need help?



Light SOS



Maintenance booklet

This page will help you keep record of your DELIGHT 5 scheduled maintenance.

Purchase date	
Owner's name:	
Name and stamp of the store:	

☐ Care
☐ Resale

Date	
Name of the workshop/purchaser	

☐ Care
☐ Resale

Date	
Name of the workshop/purchaser	

☐ Care
☐ Resale

Date	
Name of the workshop/purchaser	

☐ Care
☐ Resale

Date	
Name of the workshop/purchaser	

Annex

Manual COBRA ® components

The COBRA® components by AUSTRIALPIN are intended for usage in fall arrest, PPE (personal protective equipment) products, and load security systems (including, but not limited to, harnesses). This COBRA® component must not be used beyond its specific limits, and must be used only for the purpose for which it was designed.

Activities in the heights, for which these COBRA® components are intended as part of a fall protection system, are by nature dangerous.
Errors, recklessness or inattentiveness can lead to life threatening injuries or death.

You yourself are responsible for your own actions and decisions. The following instructions for use must be read carefully and thoroughly, understood and followed. They contain important information about certain dangers and risks associated with the use of this COBRA® component. However, it is not possible to outline and describe all potential dangers and risks. These instructions must be kept safe and easily accessible for the entire life and use of this COBRA® component. Re-sellers must provide these instructions to the buyer in the appropriate language.

Manufacturers using this COBRA® component in their products are responsible for the correct and orderly installation. Moreover, they must attach the following instructions to the product or include them in the corresponding manual/operating instructions of the product. In case of misuse or improper application, AUSTRIALPIN rejects and rules out any
and all liability

Names of parts

Blocage rapide COBRA
(1) Body consists of (a) female part (b) male part; (2) adjuster bar (optional); (3) integrated D-Ring (optional); (4) rivets; (5) clips

Size

Use the COBRA® components only with corresponding harnesses. A tolerance of ± 3 mm is webbing size of the component name (as designated on the delivery note or invoice) or request this information at office@austrialpin.at.

Components markings

On upper side:
• AUSTRIALPIN: name of manufacturer
on lower side:
• Made in or ORIG.: country of origin AT (Austria)
• batch number multi-digit
• buckles marked with «ANSI": 4-digit number (year of manufacture) 1-digit (batch number)
optionally on upper side:
• COBRA®: name of component group. (see illus. 8) • kN: breaking load
straight pull
in kilonewton
• kN: breaking load loop configuration pull in. kilonewton
• kN: breaking load of D-Ring straight pull in kilonewton
• PAT. or PAT. PEND: patented or patent applied for
• MOD. DEP.: note of patent on design
• ANSI Z359_: Norm to which component corresponds
• OUL: open under load – buckle can be released while under load
• NO PPE or DO NOT USE FOR FALL PROTECTION: do not use for personal protective equipment
• INDIVIDUAL TST: individual article tested

Materials

Body: aluminum
Rivets, adjuster bar, integrated D-Ring: stainless steel
Clips: brass
Anti slide part: polymer
Material exceptions:
• item no. starts with «FI": stainless steel body
• item no. starts with «FT": steel body
• item no. contains «VA4": 100% stainless steel
• adjuster bar COBRA® FM and COBRA® FZ: aluminum
• adjustment valve SUPER COBRA®: aluminum

Combinaison ; utilisation des outils en tant que système ; compatibilité

En combinant ce composant avec d'autres, les dispositifs de sécurité de chaque composant peuvent interférer les uns avec les autres. Assurez-vous de leur compatibilité. Une combinaison incorrecte de composants peut entraîner des dangers involontaires et imprévisibles, auquel cas le fonctionnement sûr d'un composant donné n'est plus garanti. La compatibilité des composants de connexion et des sangles du harnais doit être assurée par le fabricant du harnais. Les instructions d'utilisation de chaque produit doivent être respectées attentivement, en particulier celles du système d'accrochage, dont ce composant de connexion fait partie.

Incorporation in the harness system

a) Make allowance for the correct position of the harness component in its closed state. The upper side must be the side turned away from the body. You can recognize the upper side from the lettering AUSTRIALPIN and/or COBRA®.

b) For COBRA® components with adjuster bar or middle bridge only: Make sure the strap is correctly threaded through the adjustment mechanism. If the functioning of the harness system permits, sew the end of the strap in such a way that it is impossible to become unthreaded (see illus. 7).

c) For multiple-part COBRA® components only: The individual parts must be ordered in the correct way so that when connecting, each upper part is turned away from the body.

Xpert check

Quite apart from continuous checking before and during use, the COBRA® components and the overall product must be checked, tested and verified at least once annually by a professional. The product should ideally be used only by one person so that the overall history of the product usage is know. Record the date of its first use. In case products are used by several persons, we recommend a systematic checking and documentation before and after each use.

Things to check before, during and after each use

Make sure that the COBRA® component has no cracks, deformations, fractures, fissures or signs of corrosion and that all components are firmly attached to each other.

FOR COBRA® BUCKLES (CLICK-CLOSURES) ONLY
Make sure that the male part and the female part belong to the same component group. (table 1) Check the riveting and the perfect functioning of the clips. Make sure that the buckle closes tightly and securely. Ensure both before and during usage that the buckle is correctly closed. Combine only COBRA® Buckles with the same type; for example FY with FY; FX with FX, FT with FT, etc. Do not use COBRA® components marked with -OUL (open under load) for PPE products.

Operation instructions

General information: Always ensure correct alignment, specifically regarding the orientation of the COBRA® components. The upper part must be oriented away from the person's body.

COBRA® Buckles:
To open: Press both clips simultaneously.
To close: Insert the male part into the female part without pressing the clips.

An audible 'click' must be heard from both clips. Verify that the buckle is securely closed by giving it a brief, firm tug.

Adjustment Bar / Central Bridge: The harness length can be adapted using the adjustment mechanism. Ensure that the webbing is correctly threaded (refer to illustration 7).

If the ends have not been properly sewn and secured by the manufacturer, the harness may be damaged and could come loose. Ensure that the harness does not slip unintentionally.

Operating conditions

The operating temperature for the COBRA® component (dry) is approximately between -80°C and +80°C.

Lifespan

The lifespan of the COBRA® component largely depends on how it is used, the frequency of use, and other external influences. The maximum lifespan under optimal storage conditions and without use is 15 years. The maximum service life from the date of its first deployment is 10 years. The actual lifespan of the COBRA® component ends when any of the 'end-of-use' criteria apply (see 'End of Use' section) and depends on various factors: intensity of use, frequency of use, operating environment, user competence, storage conditions, and maintenance.

Unusual circumstances can reduce the lifespan of a component to a single use—for example, contact with chemicals, extreme temperatures, salty or acidic atmospheres, sharp edges, or extreme loads.

End of use

In the following cases, the equipment must be immediately removed from active use:

- The equipment fails a verification test (whether before use, during use, or during regular periodic inspections).
- The equipment has been subjected to heavy loads (unless a professional can verify that it remains in perfect, safe working order).
- The history of its use is unknown or incomplete.
- Damage, deformation, cracks, or significant abrasion of the metal parts is observed.
- It has come into contact with chemicals or electricity.
- You have doubts regarding the reliability of the device.
- The component is too old (or legal requirements have changed, technical standards have been modified, new regulations have been introduced, incompatibility with other products is discovered, etc.).

For COBRA® buckles specifically:

- The opening clips do not function or do not move easily despite thorough cleaning and lubrication, or they do not return to their initial position after use.
- The buckle does not close correctly.
- The characteristic «click» is not audible from both clips when closed.

Immediately discard and destroy any decommissioned parts to prevent further use by others.

Modifications and repairs

If original parts of the COBRA® component are modified or removed, the safety characteristics may be compromised. The equipment must not be modified or fitted with additional parts in any way that is not expressly recommended by the manufacturer.

Storage, Transport, and Maintenance

Store your equipment in a dry place, protected from daylight, at normal ambient temperatures (-10°C to +30°C), and free from any mechanical compression, pressure, or tension. Keep the equipment away from chemicals and acidic or saline atmospheres. Avoid permanent vibrations. Use the protective bag or special storage and transport containers with non-metallic bottoms (to prevent contact corrosion).

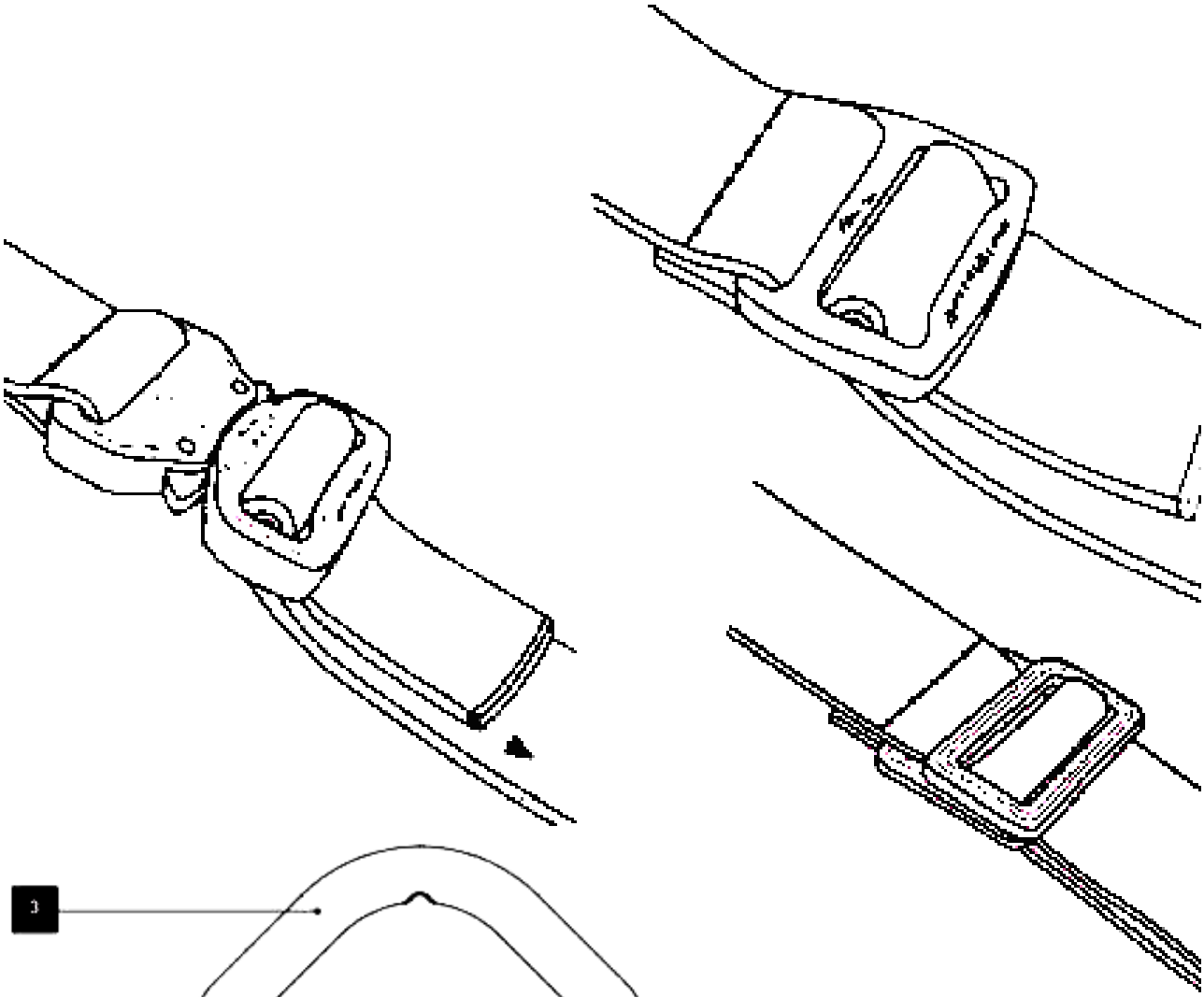
Cleaning

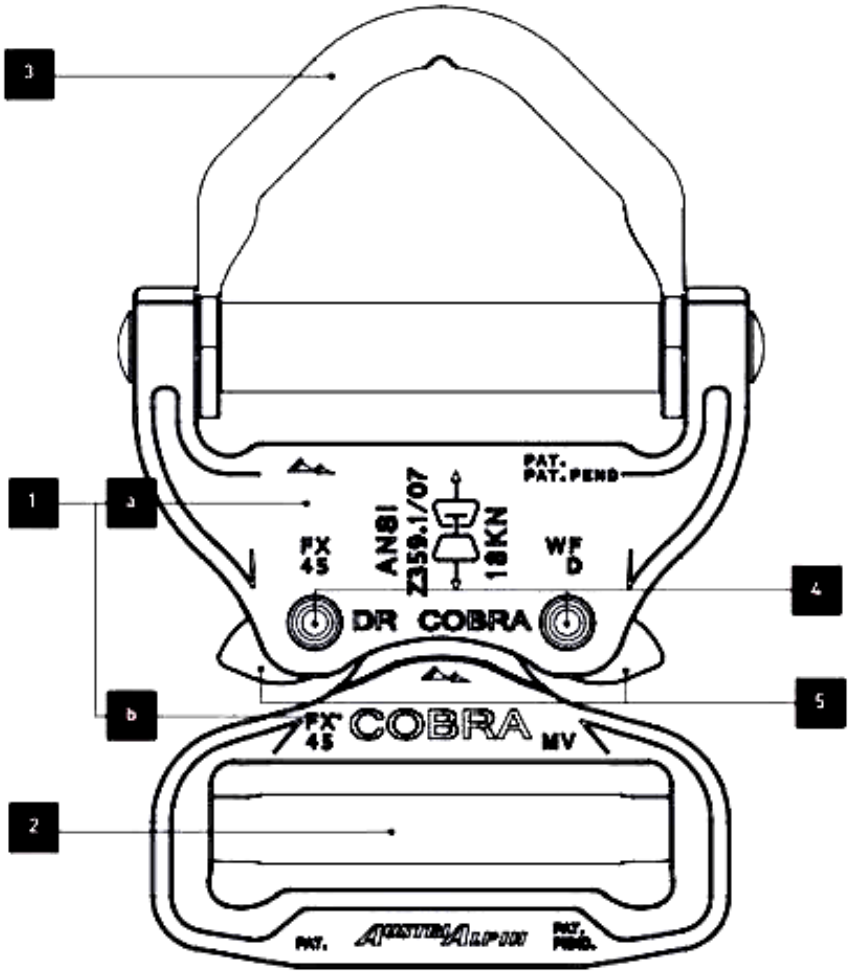
Clean dirty COBRA® components with lukewarm water (using neutral soap if necessary). Rinse thoroughly. Dry at room temperature; never use an electric tumble dryer or place near electric radiators. If necessary, use only approved household disinfecting liquids that do not contain halogen.

The joints of all metal parts must be regularly regreased with a dry lubricant, especially after cleaning. (These dry lubricants perform their lubricating function even when dry, ensuring that no dust or dirt can stick to them).

Failure to follow these operating instructions can result in fatal danger. Printing errors, omissions, and technical modifications are excluded.

ANSI testing performed by UL LLC.
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5
PAT.
PAT. PEND
FX
45
AN81
Z359.1/07
18KN
WF
D
DR COBRA
FX
45
COBRA
MV

SUPAIR
LIFE IS IN THE AIR

DELIGHT5



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Parc Altaïs
74650 Annecy - Chavanod
FRANCE

RCS 387956790

www.supair.com

45°54.024'N / 06°04.725'E

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