



User's manual

EONA 2

EN-A GLIDER

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Thank you for choosing to fly our EONA2 to paraglide with. We are delighted to have you on-board to share our passion for paragliding.

SUP'AIR has been designing producing and selling accessories for free flying activities since 1984. By choosing a SUP'AIR product you benefit from almost thirty years of expertise, innovation and customer care. We pride ourselves for our work ethics and customer care.

We hope you will find this user's manual comprehensive, explicit and hopefully enjoyable as well. We advise you to read it carefully.

You will find the latest information and updates on this product on our website : www.supair.com. If however you have any further questions, do not hesitate to ask one of our dealers. Naturally the entire SUP'AIR team remains at your disposal at info@supair.com

We wish you many safe and enjoyable flying hours and happy landings.

Team SUP'AIR

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Welcome to the world of free flying : a shared world of passion.

The EONA2 wing is a glider meeting all the students and instructors requirements. It was designed for both intensive schooling and private use while providing great inflight comfort all along the pilot's progression curve. The well thought out design and choice of materials were guided by the same quality and longevity objectives.

The EONA2 glider as described in this user manual is EN **EN 926 -1 : 2015 & 926 - 2 : 2013 Classe A. Certified.**

Meaning that this paragliding wing has a maximal passive safety margin built-in in addition to being forgiving and collapse resistant in turbulent aerology.

It is naturally adapted to all flying levels including beginner pilots.

It can be used with most harnesses found on the market today. For better inflight comfort and sensations we will advise you to choose the SUP'AIR progression harness models.

After reading this manual we advise you to inflate & check your wing on a training hill first.

N.B. : The following three icons will help you to read this manual.



Advice



Caution !



Danger !!

Technical data

Glider EONA	XS	S	M	ML	L
Cell number	38	38	38	38	38
Flat surface area (m ²)	20	23,00	26,40	28,20	30,2
Span (m)	9,69	10,40	11,14	11,47	11,91
Chord (m)	2,55	2,74	2,93	3,02	3,14
Flat Aspect Ratio	4,7	4,7	4,7	4,7	4,7
Projected surface area (m ²)	16,931	19,47	22,35	23,70	25,56
Projected span (m)	7,61	8,16	8,74	9,00	9,35
Projected aspect ratio	3,4	3,4	3,4	3,4	3,4
Glider weight (kg)	4,0	4.5	4.8	5.0	5.4
In-flight weight range (kg)	50-70	65-85	80-105	90-115	105-130
Trim speed (km/h, +/-1)	38				
Max. speed (km/h, +/-2)	48				
Certification	EN A	EN A	EN A	EN A	EN A
Riser number.	3	3	3	3	3
Trimmer	No				
Acrobatic flying	No				



Grass



Fluor



Volcano

In-flight weight range

Weight (kg)	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130
EONA 2 XS	█	█	█	█	█												
EONA 2 S				█	█	█	█	█									
EONA 2 M							█	█	█	█	█	█					
EONA 2 ML									█	█	█	█	█	█			
EONA 2 L												█	█	█	█	█	█

Equipment overview



- 1 Leading edge
- 2 Trailing edge
- 3 Stabilizer
- 4 Intrados
- 5 Extrados
- 6 A riser
- 7 A' riser (for big ears)
- 8 B riser
- 9 C riser
- 10 Brake line
- 11 Brake holding guide
- 12 Brake handle
- 13 Riser hook-up loop
- 14 « Ears » kit
- 15 BIRD 100 lt. capacity carrying rucksack.
- 16 Accelerator/Speedbar.
- 17 Accelerator/Speedbar Split-hook.
- 18 Accelerator/Speedbar bar.
- 19 Inner bag.
- 20 Pocket with repair kit.

Opening the wing

Choose a flat or lightly angled training hill without obstacles or wind.

Open your wing and arrange it in a crescent shape.

Check the fabric and the lines for any sign of wear or damage. Check for the links connecting the lines to the risers to be fully closed. Identify, separate and arrange the A,B,C, risers as well as the brake lines neatly. Knots or tangles can not be present.

Choosing an adapted harness.

The EONA2 glider was certified EN A with a EN1651 & LTF certified harness and hence can be flown with most harnesses models found on the market today. We will advise you to choose a EN1651 and or LTF certified harness with a built-in dorsal protection system.

Connecting the wing to the harness.

Without twisting the risers, connect them to the harness connection 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 schematic).

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

Harness chest strap spacing

It is advised to adjust the harness's chest strap width based on your wing size :

42 cm for an EONA2 size XS

42 cm for an EONA2 size S

46 cm for an EONA2 size M

46 cm for an EONA2 size ML

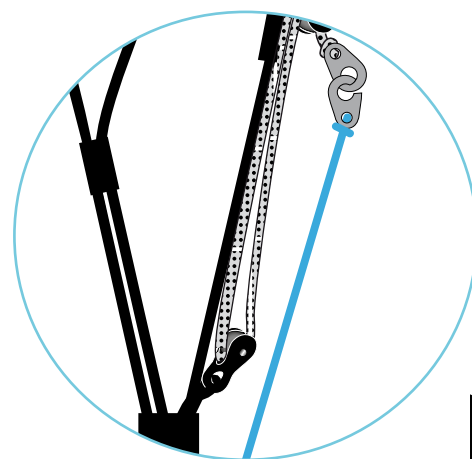
48 cm for an EONA2 size L

Installing the accelerator

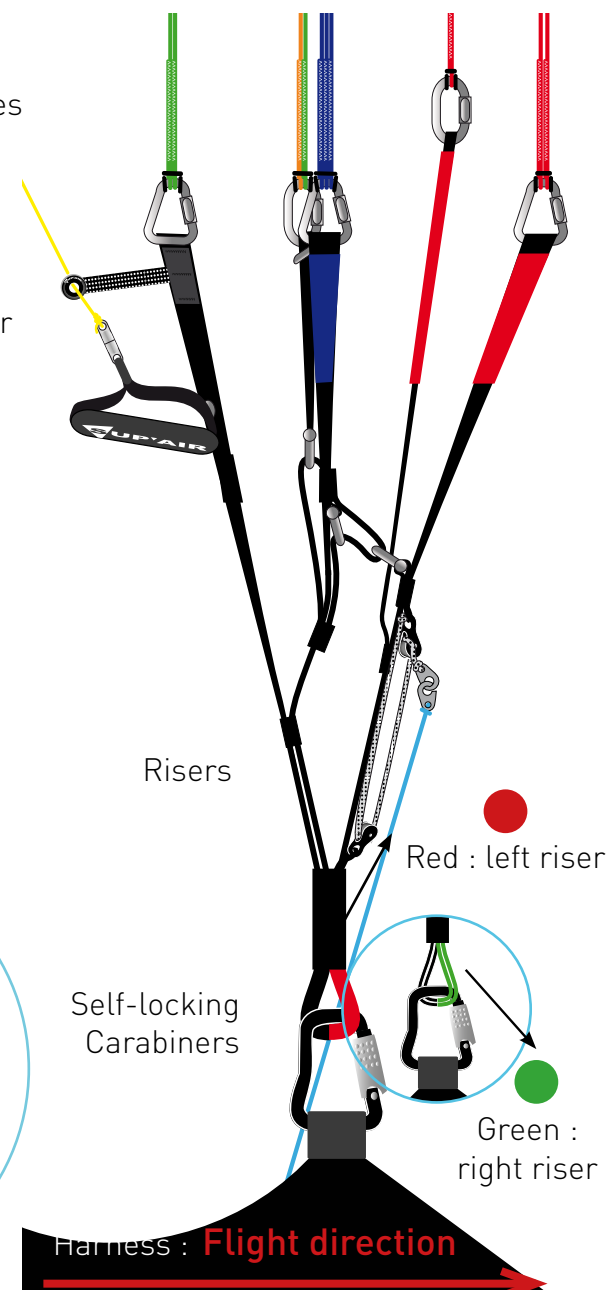
Install the accelerator according to your harness manufacturer's recommendations.

Connect it to the wing using the split hooks.

Once the accelerator/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 accelerator/speedbar line is relaxed.



Connecting the glider



Brake line length

Brake line lengths are set at the factory to allow optimal glider control. However, if they do not suit you they can be adjusted to your liking.

We will advise using a fisherman's knot and to keep your length changes to a minimum (approx 5cm maximum).



If you modify the original default setting, have it inspected and approved by a professional before flying..

The default factory maximum brake line length is :

- 65 cm for an EONA2 size XS
- 71 cm for an EONA2 size S
- 75 cm for an EONA2 size M
- 82 cm for an EONA2 size ML
- 85 cm for an EONA2 size L

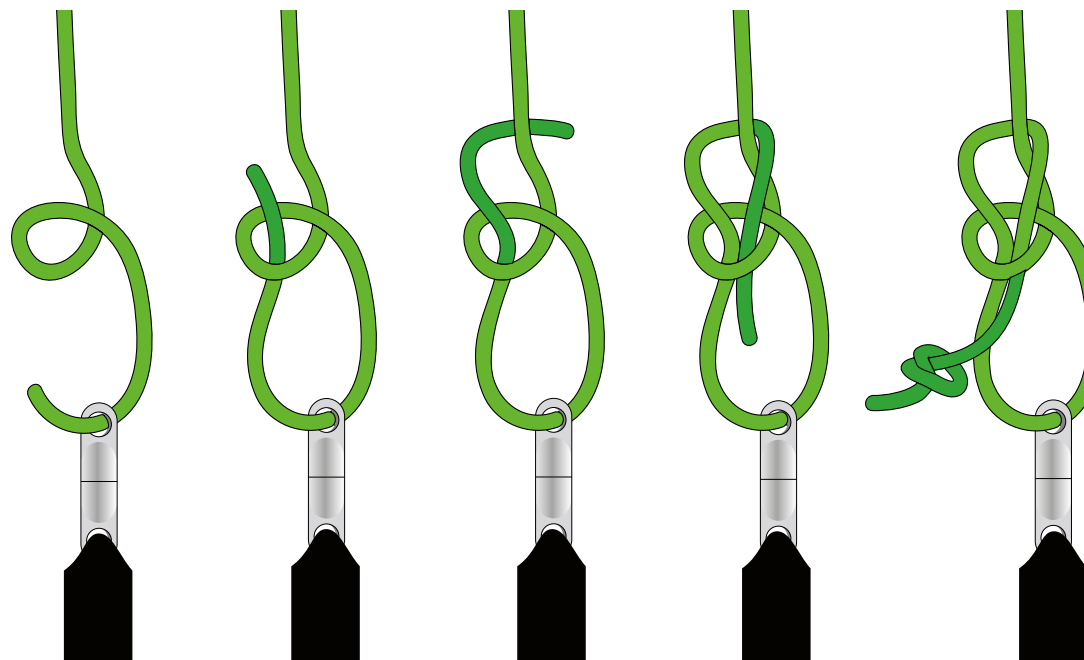
(Of which 7cm guard, the rest is the clearance before stall)



Be certain to adjust and leave a small amount of line slack to keep steering toggle play, prevent wing profile deformation and hinder the accelerator functionality. During acceleration, the glider's trailing edge must not be deformed.

Connecting the glider

fisherman's knot

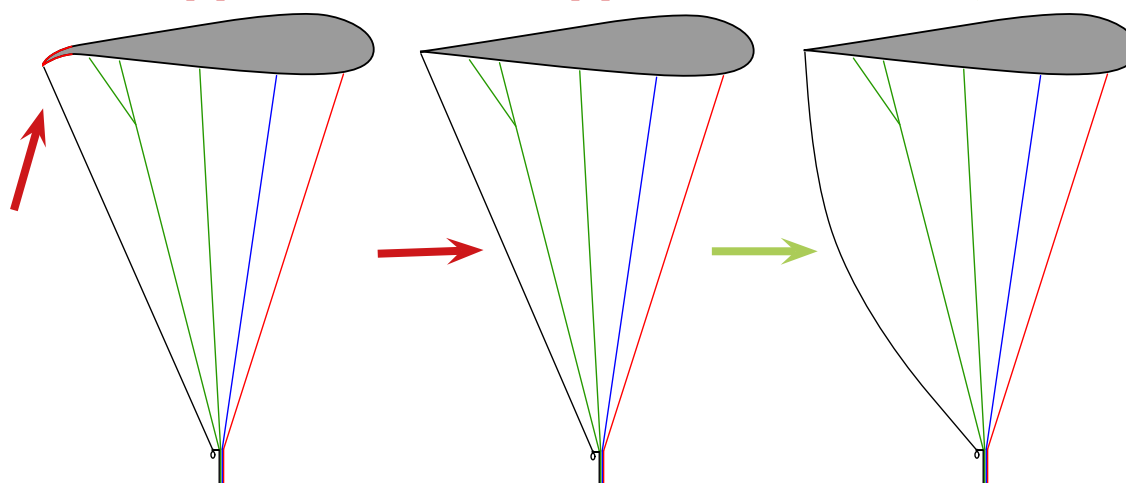


Margin

X

X

✓



PRE-FLIGHT PREPARATION

The EONA2 glider was designed to help new pilots with their progression. To discover your new wing, we will advise you to conduct your first small flights in calm conditions on a school training hill or a familiar site you are used to flying with your own harness.

Unfold the glider and place it on its upper surface in an arc.

Separate the A,B,C risers and the brakes, be certain for the risers and lines not to have any twists or knots or be hooked to a branch, stone etc...

Caution !



It vital to conduct a thorough pre-flight check and have the harness properly connected to the glider prior each takeoff.

Run through the following procedure prior each takeoff:

- harness or carabiners do not show signs of wear and tear.
- the reserve parachute container is correctly closed and that the handle is in the correct position
- your personal settings have not been changed
- The wing is properly connected to the risers with all links securely tightened and locked in place.
- The wing is properly connected to the harness without any riser twist.
- You are securely connected to the harness with the leg and chest strap buckles closed, self-locking carabiners locked.
- You are wearing your helmet and it is properly fastened.

The design team has strived to produce a wing with optimum inflating abilities in all flyable conditions. Whether it be in light or high winds you will enjoy its docile behavior while launching. However before the first flight, practice ground-handling to become familiar with your new glider. It is possible to inflate in a front- or reversed-launch method.

Forward launch

To inflate the glider grab the upper ends of the "A" risers with your hands and progressively move forward guiding the glider upward. Once the wing is flying overhead, apply brakes as necessary, look up and perform a visual check before accelerating to take off.

Reverse launch

If the wind speed is sustained and permits it, we will advise you to use a reversed inflation method more adapted to conduct a better visual check. Face the wing and grab the "A" risers. With a light pull and adapted rearward walking motion, inflate your wing. Once the glider is stable overhead, turn around, look up once more to check that all is ok. before running down the slope and takeoff. Note: it is not necessary to use the "A" risers to inflate the wing.



Caution !

Before take-off, ensure for the airspace to be clear in front, around and above you with weather conditions matching your flying skill level..

Here are a few tips to take advantage of your EONA2 wing's performance in flight:

« Hands up » speed or trim speed

Flying « hands up » will provide the best glide ratio in nil wind.

Using the accelerator/speedbar.

According to the EN A norm, the EONA2 glider was designed to be stable throughout its speed range.

Accelerated, the wing becomes more sensitive to turbulence. If you sense a glider internal pressure decrease while pushing on the accelerator; lessen the speedbar tension to bring it back to its neutral default setting while slightly applying a small amount of brake by pulling the hand toggles and prevent a possible leading edge frontal collapse.

The accelerator/speedbar length travel is:

- 13 cm for an EONA2 size XS
- 15 cm for an EONA2 size S
- 15 cm for an EONA2 size M
- 16 cm for an EONA2 size ML
- 16 cm for an EONA2 size L

Piloting without the toggles/brakes.

If for whatever reason, the toggles/brakes are no longer available, you will need to pilot your wing using the harness and "C" risers instead. Beware not to overcontrol the glider to limit the risk of experiencing a possible stall.

To land, let your wing glide for as long as possible before applying a full braking motion. Braking using the "C" risers is not as efficient as using the toggles and could bring a more energetic landing than normal.

Turns

To make your glider turn efficiently, and only after checking that the space below you is clear and safe to land on, weight shift toward the inside of the turn and progressively pull your brake/toggle on the same side until the desired turning angle is reached. The turning speed and radius can also be adjusted by using the other brake/toggle controlling the upper half side of the wing. If flying at low speed, begin your turn by raising your hand on the upper and external side of the turn to prevent a possible flat-turn or twisted turn on the vertical axis.

End of the flight

Landing

Be certain to always have enough altitude for a safe landing before approaching the chosen Landing Zone (PTU, PTS, etc...). Never make aggressive maneuvers close to the ground. Always land into the wind (upwind), standing up and ready to run to a stop if necessary. Make your landing approach with maximum air speed if possible depending on the weather conditions of the moment, then progressively brake to slow the glider to a final touchdown. Beware not to brake too much, too soon and too rapidly to prevent a possible stall and hard landing.

In case of a landing in sustained higher wind speeds, you will need to quickly turnaround, face the wing, move forward while braking down symmetrically. You can equally pull the "C" risers down to deflate the glider and bring it to the ground.

Folding

Fold each side of your wing in an accordion-like shape. Stack-up the leading edge reinforcements on top of one another. Bring one side of the glider over the other while keeping the leading edge reinforcements flat. Roll the wing on itself, starting from the leading edge toward the trailing edge. During the entire packing procedure, do not bend the leading edge's reinforcements.

Towing

The EONA2 wing can be towed up. Fly only with certified gear operated by qualified personal and only after taking a towing clinic. The towing force must correspond to the weight of the equipment, and the pulling sequence can only start when the wing is fully inflated and stable over the pilot's head.

Aerobatics

The EONA2 wing was not designed to enter aerobatic maneuvers. We highly discourage its use for this type of flying.

Tandem



The EONA2 wing was not designed for tandem flying.

Specific usage

FAST DESCENTS

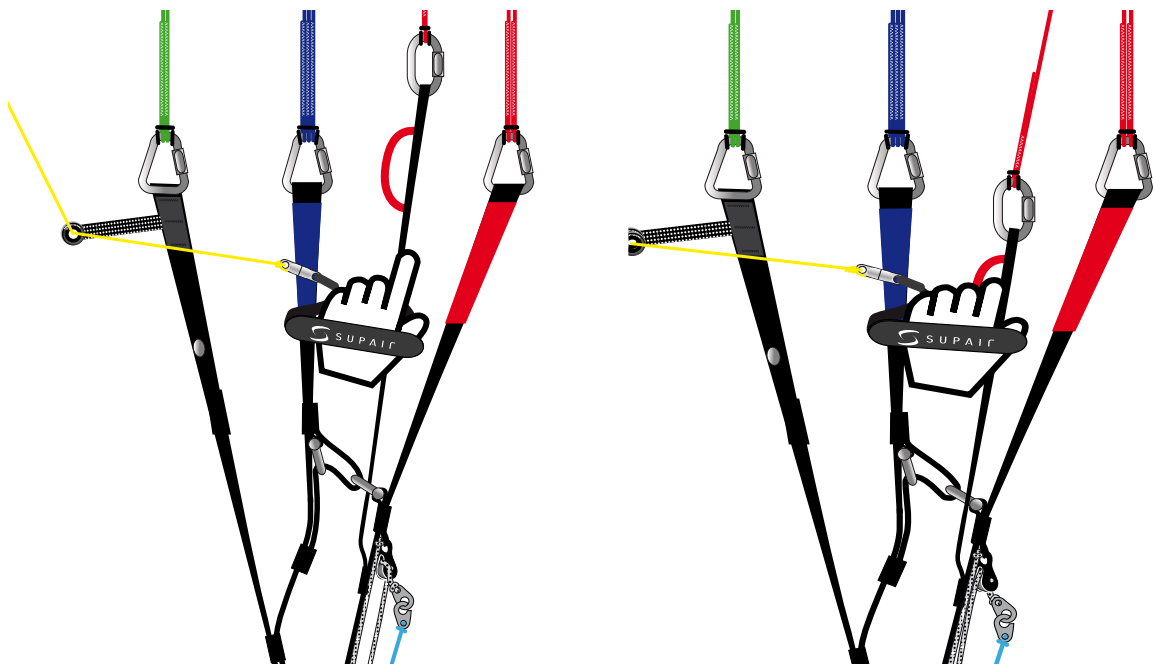
The following techniques should only be used in emergencies and require prior training to be safely conducted. Appropriate analysis and anticipation of the conditions will often prevent the need to use fast descent techniques. We will advise you to practice in still air and preferably above water.

Big Ears

Pulling "ears" increases the glider sink rate. We do not recommend the use of big ears close to the ground

In order to pull "ears", grab the specific riser (outer "A" riser) while keeping the toggles in hands and lowering them until the win tips collapse. It is preferable to collapse one side after the other and not simultaneously in order to prevent an eventual frontal collapse.

Once the "Ears" are folded and stabilized, we will recommend using the accelerator/speedbar to regain your initial air speed.



To reopen the "Ears", bring the accelerator/speedbar back to its neutral default setting, then let go the risers symmetrically. You can pump the brake/toggles on either side of the wing to facilitate its reopening sequence.

B-line stall

This technique is usually physically demanding and will provoke a parachutal wing configuration and hence wing control will be diminished.

Loosing altitude using the "B" risers is done by grabbing the risers at the metal links level and applying a symmetrical downward vertical pull until the wing's profile is deformed. This maneuver can be maintained to increase the wing's sink rate.

To regain a normal flying configuration, bring your hands up progressively to the "A" risers red markers, then let go the "B" risers altogether. The wing will experience a moderate surge forward which will need to be instantly neutralized and controlled.

360° spiral dives

To begin a spiral dive make sure the air space is clear around and below you, then lean toward the chosen side while gradually applying brake/toggle pressure on that side. The wing will gradually accelerate before entering a full spiral dive. You may use the outer/upper toggle to manage your sink rate.

In order to exit the rotation, get back to a neutral (centered) position in the harness and gradually release the inside brake. You need to keep the glider in a turn as it decelerates in order to limit the surge while exiting the spiral. If your exit is too radical the glider will surge aggressively and experience a substantial dive to be immediately controlled.. Gradually slowing down the rotation with the outside and upper brake will allow you to exit the spiral in a controlled manner.



To prevent stressing we do not recommend combining spiral dives with "Ears".



Conforming to the EN A, the EONA2 glider does not show any tendency to stay in a locked spiral configuration and will return by itself to a normal flying angle in less than two full rotations when the toggles/brakes are brought back up.



DANGER This manœuvre places a lot of stress on the glider. The high speed and "G" force might be disorientating and, in extreme cases, cause you a temporary loss of consciousness. Practice this maneuver gradually with ample space around and below you.

Acrobatic flight:

Your wing was not designed for aerobatic maneuvers.

Repeated practice of said exercise exceeding 4xG (or 2xG if they are asymmetrical) will cause premature aging of your glider and is to be avoided. "SAT" maneuvers are the most damaging to your equipment.

Asymmetric collapses

Any paraglider may occasionally collapse due to turbulence or a piloting error. In the event of an asymmetric collapse your priority must be to stay clear of the terrain and regain level flight. It is done by via of weight shifting toward the open side and if necessary, support the action by applying an appropriate amount of brake on the same side.

If the collapsed side does not automatically reopen then pump the collapse side deeply and repetitively to repressurize the deflated wing tip. Repeat if necessary until full reinflation is successful. In the event of a "cravat" (where the wing tip is snagged between the lines) you may use the "ears" technique described above by pulling on the tangled line in order to release the wingtip.

Front collapses

During a front collapse according to the certification standard the glider is designed to reopen on its own. make sure you do not brake to facilitate the return to a normal flight.

Parachutal stall

Even though this configuration only rarely occurs, you may find yourself in a situation called "parachutal stall " where the glider descends vertically with no forward motion. If it happens, release the brakes/toggles fully and trims symmetrically. You might also need to push forward on the "A" risers. Make sure you regained a normal flight configuration before proceeding with brake/toggle usage again.

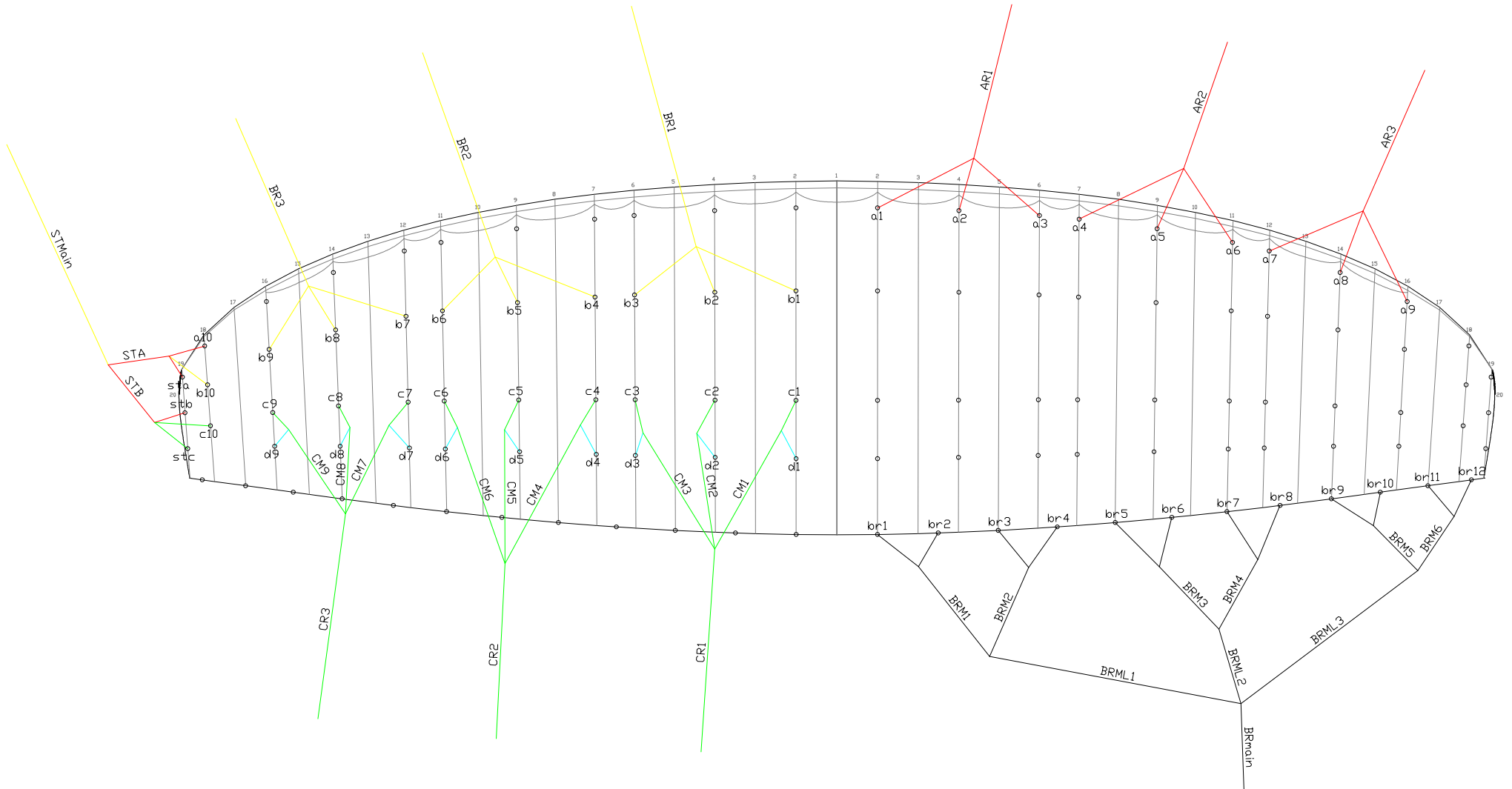
Stall

This technique is not recommended as it requires intense physical impute. It is not a safe descent technique.

Spin / asymeric stall

A spin will only occur because of a piloting error. If so, release the brake fully on the stalled side and be certain to keep the glider in check during the ensuing dive and reopening sequence.

Line Layout Diagram



Fabrics	Producer	Reference
Outer surface	Porcher Sport	Skytex 38 Universal - 9017E25
Inner Surface	Porcher Sport	Skytex 38 Universal - 9017E25
Supported ribs	MJ TEC	MJ32 HF
Compression straps and D ribs	MJ TEC	MJ32 HF
Unsupported ribs	MJ TEC	MJ32 HF
Rib reinforcements	Porcher Sport	SR 170

Main lines	Producer	Reference
Top cascade	Liros	PPSL 120 / DSL 70
Upper middle cascade	Liros	PPSL 120
Lower cascade	Edelrid	7343-230 / 7343-280

Stabilo lines	Producer	Reference
Top cascade	Liros	DSL 70
Middle cascade	Liros	DSL 70
Lower cascade	Edelrid	6843-160

Brake lines	Producer	Reference
Top cascade	Liros	DSL 70
Upper middle cascade	Liros	DSL 70
Lower middle cascade	Liros	PPSL 120
Lower cascade	Edelrid	7850X-240
Mailons	Peguet	MAILLON RAPIDE DELTA INOX 3,5 MM

EONA2 glider Size XS Line Check Maintenance Sheet

The Eona 2's lineset exists in two versions for XS, S, ML and L sizes.

If you notice during a control check that there is a measurement difference between your wing and the table below, please contact us for more details.

Measurements made from the base of the lines to the base of the wing, WITHOUT risers and Maillons Rapides, were under 5 kg.

	A			B			C			D			Frein			
	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	
Center	1	6019	6017	-2	5946	5950	4	6053	6054	1	6188	6190	2	6409	6400	-9
	2	5957	5957	0	5878	5882	4	5975	5976	1	6107	6108	1	6191	6183	-8
	3	6023	6022	-1	5937	5939	2	6030	6033	3	6142	6147	5	6028	6026	-2
	4	6000	6001	1	5912	5916	4	6003	6005	2	6117	6123	6	5945	5941	-4
	5	5928	5931	3	5842	5847	5	5924	5926	2	6033	6037	4	5809	5805	-4
	6	5961	5962	1	5876	5876	0	5956	5956	0	6042	6044	2	5697	5696	-1
	7	5927	5929	2	5845	5850	5	5929	5928	-1	6004	6007	3	5650	5647	-3
	8	5794	5800	6	5734	5739	5	5803	5804	1	5872	5873	1	5687	5686	-1
	9	5734	5738	4	5696	5700	4	5767	5770	3	5811	5820	9	5662	5660	-2
	10													5634	5631	-3
Stabilizers	11	5445	5443	-2	5401	5401	0	5455	5454	-1				5684	5686	2
Wingtip	12	5291	5290	-1	5314	5312	-2	5432	5433	1				5637	5639	2

Tolerance: 10 mm.

Risers length,
Measured without carabiner.
Carabiners length : 29 mm.

	RISERS	Non accéléré			Accéléré		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff
	A	470	467	-3	340	344	4
	A'	570	567	-3	455	455	0
	B	470	467	-3	383	385	2
	C	469	464	-5	469	464	-5

Tolérance +/- 5mm

Risers length,
Measured with carabiner.

	RISERS	Non accéléré			Accéléré		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff
	A	490	493	3	365	368	3
	A'	590	592	2	480	476	-4
	B	490	493	3	407	409	2
	C	490	493	3	490	493	3

Tolérance +/- 5mm

The Eona 2's lineset exists in two versions for XS, S, ML and L sizes.

If you notice during a control check that there is a measurement difference between your wing and the table below, please contact us for more details.

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	3929	3669	BR1	3849	3589	CR1	3977	3717	d1	1038	838	BRmain	2737	2437
AR2	4016	3756	BR2	3931	3671	CR2	4046	3786	d2	1006	806	BRML1	2014	1814
AR3	4007	3747	BR3	4046	3786	CR3	4165	3905	d3	970	770	BRML2	1857	1657
a1	2085	1885	b1	2092	1892	CM1	1386	1186	d4	956	756	BRML3	2310	2110
a2	2023	1823	b2	2024	1824	CM2	1337	1137	d5	940	740	BRM1	1292	1092
a3	2089	1889	b3	2083	1883	CM3	1408	1208	d6	895	695	BRM2	1135	935
a4	1979	1779	b4	1976	1776	CM4	1328	1128	d7	787	587	BRM3	1319	1119
a5	1907	1707	b5	1906	1706	CM5	1260	1060	d8	739	539	BRM4	1216	1016
a6	1940	1740	b6	1940	1740	CM6	1314	1114	d9	673	473	BRM5	731	531
a7	1815	1615	b7	1794	1594	CM7	1265	1065				BRM6	847	647
a8	1682	1482	b8	1683	1483	CM8	1181	981	STABILO LINES			br1	1374	1174
a9	1622	1422	b9	1645	1445	CM9	1190	990	NAME	CUT	SEWN	br2	1156	956
a10	710	510	b10	666	466	c1	901	701	STMain	4214	4014	br3	1150	950
						c2	872	672	STA	664	464	br4	1067	867
						c3	856	656	STB	677	477	br5	904	704
						c4	840	640	sta	556	356	br6	792	592
						c5	829	629	stb	566	366	br7	848	648
						c6	807	607	stc	684	484	br8	885	685
						c7	710	510				br9	892	692
						c8	668	468				br10	864	664
						c9	627	427				br11	748	548
						c10	707	507				br12	701	501

EONA2 glider Size S Line Check Maintenance Sheet

The Eona 2's lineset exists in two versions for XS, S, ML and L sizes.

If you notice during a control check that there is a measurement difference between your wing and the table below, please contact us for more details.

Measurements made from the base of the lines to the base of the wing, WITHOUT risers and Maillons Rapides, were under 5 kg.

		A			B			C			D			Frein		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
Center	1	6488	6486	-2	6408	6405	-3	6514	6510	-4	6664	6662	-2	6958	6949	-9
	2	6425	6424	-1	6338	6336	-2	6432	6426	-6	6579	6575	-4	6727	6718	-9
	3	6496	6494	-2	6403	6396	-7	6493	6484	-9	6619	6614	-5	6552	6545	-7
	4	6472	6470	-2	6377	6369	-8	6465	6458	-7	6593	6591	-2	6464	6458	-6
	5	6396	6396	0	6304	6300	-4	6382	6378	-4	6504	6500	-4	6323	6319	-4
	6	6432	6432	0	6340	6335	-5	6416	6411	-5	6513	6512	-1	6204	6202	-2
	7	6395	6386	-9	6307	6303	-4	6390	6384	-6	6475	6470	-5	6154	6153	-1
	8	6253	6250	-3	6189	6189	0	6255	6248	-7	6332	6328	-4	6192	6191	-1
	9	6189	6186	-3	6148	6145	-3	6213	6210	-3	6257	6263	6	6166	6164	-2
		10												6136	6133	-3
Stabilizers	11	5879	5873	-6	5833	5830	-3	5890	5885	-5				6184	6182	-2
Wingtip	12	5714	5712	-2	5739	5735	-4	5865	5861	-4				6132	6125	-7

Tolerance: 10 mm.

Risers length,
Measured without carabiner.
Carabiners length : 29 mm.

RISERS	Non accéléré			Accéléré		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	490	489	-1	355	352	-3
A'	590	587	-3	465	460	-5
B	490	490	0	400	398	-2
C	490	488	-2	490	488	-2

Tolérance +/- 5mm

Risers length,
Measured with carabiner.

RISERS	Non accéléré			Accéléré		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	519	517	-2	375	375	0
A'	619	616	-3	490	486	-4
B	519	517	-2	422	424	2
C	519	518	-1	519	518	-1

Tolérance +/- 5mm

The Eona 2's lineset exists in two versions for XS, S, ML and L sizes.

If you notice during a control check that there is a measurement difference between your wing and the table below, please contact us for more details.

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	4222	3962	BR1	4135	3875	CR1	4262	4002	d1	1109	909	BRmain	2936	2636
AR2	4318	4058	BR2	4226	3966	CR2	4340	4080	d2	1075	875	BRML1	2154	1954
AR3	4317	4057	BR3	4352	4092	CR3	4470	4210	d3	1037	837	BRML2	1990	1790
a1	2232	2032	b1	2239	2039	CM1	1477	1277	d4	1021	821	BRML3	2479	2279
a2	2169	1969	b2	2169	1969	CM2	1426	1226	d5	1004	804	BRM1	1375	1175
a3	2240	2040	b3	2234	2034	CM3	1504	1304	d6	955	755	BRM2	1208	1008
a4	2120	1920	b4	2117	1917	CM4	1416	1216	d7	838	638	BRM3	1408	1208
a5	2044	1844	b5	2044	1844	CM5	1344	1144	d8	786	586	BRM4	1297	1097
a6	2080	1880	b6	2080	1880	CM6	1402	1202	d9	707	507	BRM5	773	573
a7	1944	1744	b7	1921	1721	CM7	1351	1151				BRM6	897	697
a8	1802	1602	b8	1803	1603	CM8	1260	1060	STABILO LINES			br1	1463	1263
a9	1738	1538	b9	1762	1562	CM9	1264	1064	NAME	CUT	SEWN	br2	1232	1032
a10	751	551	b10	705	505	c1	957	757	STMain	4541	4341	br3	1224	1024
						c2	926	726	STA	701	501	br4	1136	936
						c3	909	709	STB	715	515	br5	959	759
						c4	891	691	sta	586	386	br6	840	640
						c5	880	680	stb	597	397	br7	901	701
						c6	856	656	stc	723	523	br8	939	739
						c7	751	551				br9	948	748
						c8	707	507				br10	918	718
						c9	661	461				br11	792	592
						c10	748	548				br12	740	540

EONA2 glider Size M Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITHOUT risers and Maillons Rapides, were under 5 kg.

	A			B			C			D			Frein			
	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	
Center	1	6433	6433	0	6343	6347	4	6457	6457	0	6622	6624	2	7434	7438	4
	2	6367	6371	4	6271	6278	7	6373	6380	7	6535	6536	1	7189	7193	4
	3	6446	6445	-1	6342	6342	0	6438	6440	2	6579	6580	1	7004	7008	4
	4	6419	6424	5	6311	6316	5	6405	6402	-3	6550	6547	-3	6913	6921	8
	5	6339	6343	4	6234	6241	7	6319	6323	4	6456	6455	-1	6774	6768	-6
	6	6378	6378	0	6274	6277	3	6355	6353	-2	6467	6463	-4	6648	6641	-7
	7	6242	6248	6	6249	6252	3	6333	6335	2	6432	6429	-3	6595	6588	-7
	8	6094	6099	5	6123	6130	7	6187	6189	2	6277	6281	4	6641	6634	-7
	9	6025	6028	3	6079	6083	4	6138	6144	6	6187	6196	9	6591	6598	7
	10													6565	6569	4
Stabilizers	11	5785	5792	7	5735	5741	6	5805	5805	0				6603	6610	7
Wingtip	12	5608	5611	3	5643	5643	0	5777	5774	-3				6545	6551	6

Tolerance: 10 mm.

Risers length,
Measured without carabiner.
Carabiners length : 29 mm.

	RISERS	Non accéléré			Accéléré		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff
	A	490	490	0	360	361	1
	A'	590	588	-2	475	476	1
	B	490	488	-2	403	400	-3
	C	490	487	-3	490	487	-3

Tolérance +/- 5mm

Risers length,
Measured with carabiner.

	RISERS	Non accéléré			Accéléré		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff
	A	519	519	0	389	390	1
	A'	619	617	-2	504	505	1
	B	519	517	-2	432	429	-3
	C	519	516	-3	519	516	-3

Tolérance +/- 5mm

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	4533	4273	BR1	4436	4176	CR1	4567	4307	d1	1180	980	BRmain	3079	2779
AR2	4638	4378	BR2	4533	4273	CR2	4648	4388	d2	1145	945	BRML1	2297	2097
AR3	4653	4393	BR3	4681	4421	CR3	4794	4534	d3	1105	905	BRML2	2136	1936
a1	2388	2188	b1	2395	2195	CM1	1571	1371	d4	1089	889	BRML3	2653	2453
a2	2322	2122	b2	2323	2123	CM2	1519	1319	d5	1071	871	BRM1	1463	1263
a3	2401	2201	b3	2394	2194	CM3	1603	1403	d6	1019	819	BRM2	1286	1086
a4	2269	2069	b4	2266	2066	CM4	1509	1309	d7	893	693	BRM3	1501	1301
a5	2189	1989	b5	2189	1989	CM5	1433	1233	d8	836	636	BRM4	1383	1183
a6	2228	2028	b6	2229	2029	CM6	1496	1296	d9	746	546	BRM5	817	617
a7	2077	1877	b7	2056	1856	CM7	1441	1241				BRM6	951	751
a8	1929	1729	b8	1930	1730	CM8	1343	1143	STABILO LINES			br1	1556	1356
a9	1860	1660	b9	1886	1686	CM9	1343	1143	NAME	CUT	SEWN	br2	1311	1111
a10	795	595	b10	745	545	c1	1016	816	STMain	4893	4693	br3	1303	1103
						c2	984	784	STA	732	532	br4	1212	1012
						c3	965	765	STB	755	555	br5	1017	817
						c4	945	745	sta	618	418	br6	891	691
						c5	935	735	stb	630	430	br7	956	756
						c6	908	708	stc	764	564	br8	1002	802
						c7	795	595				br9	1001	801
						c8	747	547				br10	975	775
						c9	698	498				br11	839	639
						c10	792	592				br12	781	581

EONA2 glider Size ML

Line Check Maintenance Sheet

The Eona 2's lineset exists in two versions for XS, S, ML and L sizes.

If you notice during a control check that there is a measurement difference between your wing and the table below, please contact us for more details.

Measurements made from the base of the lines to the base of the wing, WITHOUT risers and Maillons Rapides, were under 5 kg.

		A			B			C			D			Frein		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
Center	1	7206	7206	0	7115	7116	1	7227	7226	-1	7400	7399	-1	7715	7706	-9
	2	7140	7143	3	7041	7043	2	7141	7142	1	7310	7310	0	7462	7454	-8
	3	7221	7221	0	7116	7115	-1	7210	7205	-5	7357	7358	1	7272	7268	-4
	4	7196	7196	0	7089	7090	1	7180	7176	-4	7330	7330	0	7177	7171	-6
	5	7114	7118	4	7011	7013	2	7093	7092	-1	7234	7232	-2	7021	7021	0
	6	7154	7155	1	7052	7052	0	7130	7128	-2	7245	7244	-1	6892	6890	-2
	7	7114	7113	-1	7016	7016	0	7104	7097	-7	7205	7202	-3	6837	6837	0
	8	6959	6961	2	6886	6888	2	6954	6949	-5	7045	7044	-1	6880	6879	-1
	9	6887	6888	1	6840	6843	3	6903	6907	4	6958	6967	9	6849	6849	0
		10												6816	6813	-3
Stabilizers	11	6551	6550	-1	6499	6499	0	6563	6557	-6				6864	6869	5
Wingtip	12	6368	6366	-2	6395	6390	-5	6533	6527	-6				6804	6804	0

Tolerance: 10 mm.

Risers length, Measured without carabiner. Carabiners length : 29 mm.

	RISERS	Non accéléré			Accéléré		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff
A		510	507	-3	350	355	5
A'		610	607	-3	465	465	0
B		510	507	-3	403	404	1
C		510	508	-2	510	508	-2

Tolérance +/- 5mm

Risers length, Measured with carabiner.

	RISERS	Non accéléré			Accéléré		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff
A		539	539	0	379	376	-3
A'		639	639	0	494	491	-3
B		539	540	1	432	431	-1
C		539	539	0	539	539	0

Tolérance +/- 5mm

The Eona 2's lineset exists in two versions for XS, S, ML and L sizes.

If you notice during a control check that there is a measurement difference between your wing and the table below, please contact us for more details.

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	4686	4426	BR1	4587	4327	CR1	4722	4462	d1	1220	1020	BRmain	3230	2930
AR2	4798	4538	BR2	4694	4434	CR2	4815	4555	d2	1184	984	BRML1	2378	2178
AR3	4812	4552	BR3	4838	4578	CR3	4963	4703	d3	1143	943	BRML2	2201	2001
a1	2466	2266	b1	2474	2274	CM1	1622	1422	d4	1124	924	BRML3	2748	2548
a2	2400	2200	b2	2400	2200	CM2	1568	1368	d5	1105	905	BRM1	1507	1307
a3	2481	2281	b3	2475	2275	CM3	1656	1456	d6	1051	851	BRM2	1325	1125
a4	2344	2144	b4	2341	2141	CM4	1555	1355	d7	920	720	BRM3	1548	1348
a5	2262	2062	b5	2263	2063	CM5	1478	1278	d8	861	661	BRM4	1426	1226
a6	2302	2102	b6	2304	2104	CM6	1543	1343	d9	773	573	BRM5	839	639
a7	2148	1948	b7	2124	1924	CM7	1486	1286				BRM6	978	778
a8	1993	1793	b8	1994	1794	CM8	1385	1185	STABILO LINES			br1	1604	1404
a9	1921	1721	b9	1948	1748	CM9	1386	1186	NAME	CUT	SEWN	br2	1351	1151
a10	817	617	b10	765	565	c1	1045	845	STMain	5068	4868	br3	1343	1143
						c2	1013	813	STA	760	560	br4	1248	1048
						c3	994	794	STB	775	575	br5	1046	846
						c4	972	772	sta	634	434	br6	917	717
						c5	962	762	stb	646	446	br7	984	784
						c6	934	734	stc	784	584	br8	1027	827
						c7	817	617				br9	1036	836
						c8	768	568				br10	1003	803
						c9	716	516				br11	862	662
						c10	814	614				br12	802	602

EONA2 glider Size L Line Check Maintenance Sheet

The Eona 2's lineset exists in two versions for XS, S, ML and L sizes.

If you notice during a control check that there is a measurement difference between your wing and the table below, please contact us for more details.

Measurements made from the base of the lines to the base of the wing, WITHOUT risers and Maillons Rapides, were under 5 kg.

		A			B			C			D			Frein		
		Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
Center	1	7458	7460	2	7362	7363	1	7481	7481	0	7663	7665	2	8010	8004	-6
	2	7390	7392	2	7288	7291	3	7394	7398	4	7571	7574	3	7749	7743	-6
	3	7475	7477	2	7365	7365	0	7465	7465	0	7621	7623	2	7554	7551	-3
	4	7450	7451	1	7338	7334	-4	7437	7436	-1	7594	7595	1	7456	7451	-5
	5	7366	7372	6	7258	7260	2	7346	7348	2	7494	7498	4	7296	7293	-3
	6	7407	7409	2	7301	7297	-4	7386	7386	0	7507	7509	2	7162	7160	-2
	7	7367	7369	2	7265	7269	4	7355	7351	-4	7462	7462	0	7107	7106	-1
	8	7207	7212	5	7131	7136	5	7199	7199	0	7295	7299	4	7150	7148	-2
	9	7132	7132	0	7083	7088	5	7150	7158	8	7206	7215	9	7119	7110	-9
		10												7085	7079	-6
Stabilizers	11	6785	6782	-3	6732	6729	-3	6798	6794	-4				7133	7130	-3
Wingtip	12	6596	6594	-2	6625	6618	-7	6767	6762	-5				7069	7064	-5

Tolerance: 10 mm.

Risers length,
Measured without carabiner.
Carabiners length : 29 mm.

RISERS	Non accéléré			Accéléré		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	510	512	2	357	360	3
A'	610	608	-2	464	468	4
B	510	510	0	409	410	1
C	510	509	-1	510	509	-1

Tolérance +/- 5mm

Risers length,
Measured with carabiner.

RISERS	Non accéléré			Accéléré		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	537	536	-1	367	366	-1
A'	637	636	-1	480	480	0
B	537	536	-1	423	425	2
C	537	537	0	537	537	0

Tolérance +/- 5mm

The Eona 2's lineset exists in two versions for XS, S, ML and L sizes.

If you notice during a control check that there is a measurement difference between your wing and the table below, please contact us for more details.

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	4855	4595	BR1	4752	4492	CR1	4894	4634	d1	1261	1061	BRmain	3339	3039
AR2	4973	4713	BR2	4865	4605	CR2	4993	4733	d2	1224	1024	BRML1	2458	2258
AR3	4993	4733	BR3	5016	4756	CR3	5143	4883	d3	1182	982	BRML2	2276	2076
a1	2551	2351	b1	2558	2358	CM1	1674	1474	d4	1161	961	BRML3	2845	2645
a2	2483	2283	b2	2484	2284	CM2	1619	1419	d5	1141	941	BRM1	1554	1354
a3	2568	2368	b3	2561	2361	CM3	1711	1511	d6	1086	886	BRM2	1367	1167
a4	2425	2225	b4	2421	2221	CM4	1606	1406	d7	950	750	BRM3	1599	1399
a5	2341	2141	b5	2341	2141	CM5	1526	1326	d8	888	688	BRM4	1473	1273
a6	2382	2182	b6	2384	2184	CM6	1594	1394	d9	794	594	BRM5	863	663
a7	2222	2022	b7	2197	1997	CM7	1535	1335				BRM6	1007	807
a8	2062	1862	b8	2063	1863	CM8	1430	1230	STABILO LINES			br1	1655	1455
a9	1987	1787	b9	2015	1815	CM9	1435	1235	NAME	CUT	SEWN	br2	1394	1194
a10	840	640	b10	787	587	c1	1077	877	STMain	5260	5060	br3	1386	1186
						c2	1045	845	STA	781	581	br4	1288	1088
						c3	1024	824	STB	797	597	br5	1078	878
						c4	1002	802	sta	651	451	br6	944	744
						c5	991	791	stb	664	464	br7	1015	815
						c6	963	763	stc	806	606	br8	1058	858
						c7	841	641				br9	1068	868
						c8	790	590				br10	1034	834
						c9	736	536				br11	888	688
						c10	837	637				br12	824	624

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Typé d'attribution for paragliders, para-glider harnesses and paraglider emergency parachutes



Paraglider inspection certificate

Inspection certificate number: **PG_1309.2018**

Manufacturer data

Manufacturer name: **Supair Sàrl**
Representative: **Laurent Chiabaut**
Street: **34, rue Adrastée**
Post code / place: **74650 Chavanod**
Country: **France**


Sample data

Name:	Eona 2	Size:	XS
Min weight in flight [kg]:	50	Max weight in flight [kg]:	70
Weight [kg]:	3.8	Number of seat:	Single-seater
Sample load serial number:	n/a	Date of reception:	n/a
Sample flight serial number :	SA-ENA2-XS-3001-001	Date of reception:	16.03.2018

Test report summary

Test report summary	Result	Place	Date of test
71.8.3 Shock loading test:	Test done on size L , inspection PG_1312.2018		08.03.2018
71.8.3 Sustained loading test:	Test done on size L , inspection PG_1312.2018		09.03.2018
71.8.2 Flight test:	A	Villeneuve	02.05.2018
71.4.3 Measurement:	POSITIVE	Villeneuve	03.05.2018
71.6.3 Line bending test:	POSITIVE	Villeneuve	01.06.2018

Issue data

Place of declaration: **Villeneuve**
Date of issue: **12.06.2018**
Managing Director: **Alain Zoller**
Signature: 

This signature approve the validity of the test reports 71.8.2, 71.8.3, 71.4.3 and 71.6.3 (Only if test report are applicable).

Air Turquoise SA has thoroughly tested the sample of paraglider mentioned above and certifies its conformity with the following standards : EN 926-2:2013 / EN 926-1:2015 / LTF: NFL II 91/09 / 2-60-14 / 2-251-16

This inspection certificate confirms that the above sample identified by its serial number and only this is in conforms with the standards.

The inspection certificate contain the following test and is complete with the test report number: 71.8.2, 71.8.3, 71.4.3, 71.6.3 (if the 71.8.3 tests are not done, it has been done for another size of a sample within the definition of same model)

The declaration must not be reproduced in part without the written permission of Air Turquoise SA.

Certification

EN 926 - 1 : 2015 & 926 - 2 : 2013 Classe A.

N° PG-0889.2014

LTF 91/09

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Typé d'attribution for paragliders, para-glider harnesses and paraglider emergency parachutes



Classification: **A**

In accordance with standards EN 926-2:2013, EN 926-1:2015 & LTF 91/09:

PG_1309.2018

Date of issue (DMY):

30.11.-0001

Manufacturer:

Supair Sàrl

Model:

Eona 2 XS

Serial number:

SA-ENA2-XS-3001-001

Configuration during flight tests

Paraglider		Accessories	
Maximum weight in flight (kg)	70	Range of speed system (cm)	12
Minimum weight in flight (kg)	50	Speed range using brakes (km/h)	14
Glider's weight (kg)	3.8	Total speed range with accessories (km/h)	22
Number of risers	3	Range of trimmers (cm)	0
Projected area (m2)	16.93		

Harness used for testing (max weight)

Harness type	ABS	Inspections (whichever happens first)	every 24 months or every 100 flying hours
Harness brand	Supair	Warning! Before use refer to user's manual	
Harness model	Altiplume S	Person or company having presented the glider for testing: Louis	
Harness to risers distance (cm)	41		
Distance between risers (cm)	40		

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
A 0

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Test laboratory for paragliders, para-glider harnesses and paraglider reserve parachutes



Certification
EN 926 - 1 : 2015 & 926 - 2 : 2013 Classe A.
N° PG-0889.2014
LTF 91/09

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Test laboratory for paragliders, para-glider harnesses and paraglider reserve parachutes



Paraglider inspection certificate

Inspection certificate number: PG_1310.2018

Manufacturer data

Manufacturer name: **Supair Sàrl**
Representative: **Laurent Chiabaut**
Street: **34, rue Adrastée**
Post code / place: **74650 Chavanod**
Country: **France**

Sample data

Name:	Eona 2	Size:	S
Min weight in flight [kg]:	65	Max weight in flight [kg]:	85
Weight [kg]:	4.2	Number of seat:	Single-seater
Sample load serial number:	n/a	Date of reception:	n/a
Sample flight serial number :	SA-ENA2-S-3001-003	Date of reception:	16.03.2018

Test report summary	Result	Place	Date of test
71.8.3 Shock loading test:	Test done on size L , inspection PG_1312.2018		08.03.2018
71.8.3 Sustained loading test:	Test done on size L , inspection PG_1312.2018		09.03.2018
71.8.2 Flight test:	A	Villeneuve	04.05.2018
71.4.3 Measurement:	POSITIVE	Villeneuve	14.05.2018
71.6.3 Line bending test:	POSITIVE	Villeneuve	01.06.2018

Issue data

Place of declaration: **Villeneuve**
Date of issue: **12.06.2018**
Managing Director: **Alain Zoller**

Signature: 

This signature approve the validity of the test reports 71.8.2, 71.8.3, 71.4.3 and 71.6.3 (Only if test report are applicable).

Air Turquoise SA has thoroughly tested the sample of paraglider mentioned above and certifies its conformity with the following standards : EN 926-2:2013 / EN 926-1:2015 / LTF: NFL II 91/09 / 2-60-14 / 2-251-16

This inspection certificate confirms that the above sample identified by its serial number and only this is in conforms with the standards.

The inspection certificate contain the following test and is complete with the test report number: 71.8.2, 71.8.3, 71.4.3, 71.6.3 (if the 71.8.3 tests are not done, it has been done for another size of a sample within the definition of same model)

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Classification: **A**

In accordance with standards EN 926-2:2013, EN 926-1:2015 & LTF 91/09:

PG_1310.2018

Date of issue (DMY):

30.11.-0001

Manufacturer:

Supair Sàrl

Model:

Eona 2 S

Serial number:

SA-ENA2-S-3001-003

Configuration during flight tests

Paraglider		Accessories	
Maximum weight in flight (kg)	85	Range of speed system (cm)	14
Minimum weight in flight (kg)	65	Speed range using brakes (km/h)	14
Glider's weight (kg)	4.2	Total speed range with accessories (km/h)	22
Number of risers	3	Range of trimmers (cm)	0
Projected area (m2)	19.47		
Harness used for testing (max weight)		Inspections (whichever happens first)	
Harness type	ABS	every 24 months or every 100 flying hours	
Harness brand	Icaro	Warning! Before use refer to user's manual	
Harness model	Energy 2 L	Person or company having presented the glider for testing: None	
Harness to risers distance (cm)	43		
Distance between risers (cm)	44		

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Test laboratory for paragliders, paraglider harnesses and paraglider reserve parachutes



Paraglider inspection certificate

Inspection certificate number: PG_1277.2017

Manufacturer data

Manufacturer name: Supair Sàrl
Representative: Laurent Châleaut
Street: 34, rue Adrasle
Post code / place: 74660 Chavanod
Country: France

Sample data

Name	Eona 2	Size	M
Min weight in flight (kg)	80	Max weight in flight (kg)	105
Weight (kg)	4.7	Number of seat	Single-seater
Sample load serial number	n/a	Date of reception	n/a
Sample flight serial number	ENA2-M-05-171220	Date of reception	24.01.2018

Test report summary	Result	Place	Date of test
T1.8.3 Shock loading test	Test done on size L, inspection PG_1312.2018		08.03.2018
T1.8.3 Sustained loading test	Test done on size L, inspection PG_1312.2018		08.03.2018
T1.8.2 Flight test	A	Villeneuve	29.01.2018
T1.4.3 Measurement	POSITIVE	Villeneuve	21.02.2018
T1.8.1 Line banding test	POSITIVE	Villeneuve	18.02.2018

Issue data

Place of declaration: Villeneuve
Date of issue: 01.06.2018
Managing Director: Randi Erkaen
Signature:

The signature approves the validity of the test reports T1.8.2, T1.8.3, T1.4.3 and T1.8.3 (2) by Para-Test on application.

Air Turquoise SA has thoroughly tested the sample of paraglider mentioned above and certified its conformity with the following standards: EN 926-2:2013, EN 926-1:2015 & LTF 91/09.

This inspection certificate certifies that the above sample identified by its serial number and only this is in conformity with the standards.

This inspection certificate contains the following test and is complete with the test report number: T1.8.2, T1.8.3, T1.4.3, T1.8.3 (2) (if the T1.8.3 tests are not done, it has been done for another size of a sample within the tolerance of same model).

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Certification EONA2M
EN 926 - 1 : 2015 & 926 - 2 : 2013 Classe A.
N° PG-0889.2014
LTF 91/09

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Classification: **A**

In accordance with standards EN 926-2:2013, EN 926-1:2015 & LTF 91/09:

Date of issue (DMY):

Manufacturer:

Model:

Serial number:

PG_1277.2017

01.05.2018

Supair Sàrl

Eona 2 M

ENA2-M-05-171220

Configuration during flight tests

Paraglider

Maximum weight in flight (kg) **105**
Minimum weight in flight (kg) **80**
Glider's weight (kg) **4.7**
Number of risers **3**
Projected area (m2) **22.35**

Accessories

Range of speed system (cm) **13**
Speed range using brakes (km/h) **13**
Total speed range with accessories (km/h) **23**
Range of trimmers (cm) **0**

Harness used for testing (max weight)

Harness type **ABS**
Harness brand **Supair**
Harness model **Evo XC 3 L**
Harness to risers distance (cm) **44**
Distance between risers (cm) **44**

Inspections (whichever happens first)

every 24 months or every 100 flying hours
Warning! Before use refer to user's manual
Person or company having presented the glider for testing: **None**

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Paraglider inspection certificate

Inspection certificate number: **PG_1311.2018**

Manufacturer data


Manufacturer name: **Supair Sàrl**
Representative: **Laurent Chiabaut**
Street: **34, rue Adrastée**
Post code / place: **74650 Chavanod**
Country: **France**

Sample data

Name:	Eona 2	Size:	ML
Min weight in flight [kg]:	90	Max weight in flight [kg]:	115
Weight [kg]:	4.9	Number of seat:	Single-seater
Sample load serial number:	n/a	Date of reception:	n/a
Sample flight serial number :	SA-ENA2-ML-3001-006	Date of reception:	16.03.2018

Test report summary	Result	Place	Date of test
71.8.3 Shock loading test:	Test done on size L , inspection PG_1312.2018		08.03.2018
71.8.3 Sustained loading test:	Test done on size L , inspection PG_1312.2018		09.03.2018
71.8.2 Flight test:	A	Villeneuve	17.05.2018
71.4.3 Measurement:	POSITIVE	Villeneuve	01.05.2018
71.6.3 Line bending test:	POSITIVE	Villeneuve	01.06.2018

Issue data

Place of declaration: **Villeneuve**
Date of issue: **12.06.2018**
Managing Director: **Alain Zoller**
Signature: 

This signature approve the validity of the test reports 71.8.2, 71.8.3, 71.4.3 and 71.6.3 (Only if test report are applicable).

Air Turquoise SA has thoroughly tested the sample of paraglider mentioned above and certifies its conformity with the following standards : EN 926-2:2013 / EN 926-1:2015 / LTF: NFL II 91/09 / 2-60-14 / 2-251-16

This inspection certificate confirms that the above sample identified by its serial number and only this is in conforms with the standards.

The inspection certificate contain the following test and is complete with the test report number: 71.8.2, 71.8.3, 71.4.3, 71.6.3 (If the 71.8.3 tests are not done, it has been done for another size of a sample within the definition of same model)

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Certification
EN 926 - 1 : 2015 & 926 - 2 : 2013 Classe A.
N° PG-0889.2014
LTF 91/09

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Classification: **A**

In accordance with standards EN 926-2:2013, EN 926-1:2015 & LTF 91/09:

PG_1311.2018

Date of issue (DMY):

30.11.-0001

Manufacturer:

Supair Sàrl

Model:

Eona 2 ML

Serial number:

SA-ENA2-ML-3001-006

Configuration during flight tests

Paraglider		Accessories	
Maximum weight in flight (kg)	115	Range of speed system (cm)	15
Minimum weight in flight (kg)	90	Speed range using brakes (km/h)	14
Glider's weight (kg)	4.9	Total speed range with accessories (km/h)	22
Number of risers	3	Range of trimmers (cm)	0
Projected area (m2)	23.7		
Harness used for testing (max weight)		Inspections (whichever happens first)	
Harness type	ABS	every 24 months or every 100 flying hours	
Harness brand	Ava Sport	Warning! Before use refer to user's manual	
Harness model	Acro 1 L	Person or company having presented the glider for testing: Louis	
Harness to risers distance (cm)	43		
Distance between risers (cm)	48		

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Paraglider inspection certificate

Inspection certificate number: **PG_1312.2018**

Manufacturer data


Manufacturer name: **Supair Sàrl**
 Representative: **Laurent Chiabaut**
 Street: **34, rue Adrastée**
 Post code / place: **74650 Chavanod**
 Country: **France**

Sample data

Name:	Eona 2	Size:	L
Min weight in flight [kg]:	105	Max weight in flight [kg]:	130
Weight [kg]:	5.2	Number of seat:	Single-seater
Sample load serial number:	ENA2-L-3001-010	Date of reception:	03.02.2018
Sample flight serial number :	SA-ENA2-L-3001-009	Date of reception:	16.03.2018

Test report summary	Result	Place	Date of test
71.8.3 Shock loading test:	POSITIVE	Noville	08.03.2018
71.8.3 Sustained loading test:	POSITIVE	Yverdon(airport)	09.03.2018
71.8.2 Flight test:	A	Villeneuve	21.04.2018
71.4.3 Measurement:	POSITIVE	Villeneuve	30.05.2018
71.6.3 Line bending test:	POSITIVE	Villeneuve	01.06.2018

Issue data

Place of declaration: **Villeneuve**
 Date of issue: **12.06.2018**
 Managing Director: **Alain Zoller**
 Signature: 

This signature approve the validity of the test reports 71.8.2, 71.8.3, 71.4.3 and 71.6.3 (Only if test report are applicable).

Air Turquoise SA has thoroughly tested the sample of paraglider mentioned above and certifies its conformity with the following standards : EN 926-2:2013 / EN 926-1:2015 / LTF: NFL II 91/09 / 2-60-14 / 2-251-16

This inspection certificate confirms that the above sample identified by its serial number and only this is in conforms with the standards.

The inspection certificate contain the following test and is complete with the test report number: 71.8.2, 71.8.3, 71.4.3, 71.6.3 (If the 71.8.3 tests are not done, it has been done for another size of a sample within the definition of same model)

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Certification
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 N° PG-0889.2014
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Classification: **A**

In accordance with standards EN 926-2:2013, EN 926-1:2015 & LTF 91/09:

PG_1312.2018

Date of issue (DMY):

30.11.-0001

Manufacturer:

Supair Sàrl

Model:

Eona 2 L

Serial number:

SA-ENA2-L-3001-009

Configuration during flight tests

Paraglider		Accessories	
Maximum weight in flight (kg)	130	Range of speed system (cm)	15
Minimum weight in flight (kg)	105	Speed range using brakes (km/h)	14
Glider's weight (kg)	5.2	Total speed range with accessories (km/h)	22
Number of risers	3	Range of trimmers (cm)	0
Projected area (m2)	25.56		
Harness used for testing (max weight)		Inspections (whichever happens first)	
Harness type	ABS	every 24 months or every 100 flying hours	
Harness brand	Ava Sport	Warning! Before use refer to user's manual	
Harness model	Acro 1 L	Person or company having presented the glider for testing: None	
Harness to risers distance (cm)	43		
Distance between risers (cm)	48		

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
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Washing and glider maintenance.

It is a good idea to wash your glider from time to time. We recommend using sponge or soft hair brush and a non aggressive water-soluble cleaning agent (such as baby soap).

We will recommend wing inspections to be conducted at regular intervals:

Repair eventual small fabric damages (holes smaller than a 1Euro coin or 1 US. 25 cents coin) with the small rounded sticky ripstop pieces included in your repair kit.

Empty out the cells/caissons from sand, pebbles, grass, leaves, etc...

Storage and transport.

When not using your glider store it inside your paragliding rucksack in a dry cool and clean place protected from UV exposure. If your harness is wet please dry thoroughly before storing. If your glider is wet or humid, dry it thoroughly first.

Keep all metal parts away from corrosive elements.

Product longevity.



Irrespective of pre-flight checks, your glider must be serviced regularly and in accordance with its maintenance schedule. We will recommend for the wing to be inspected every 2 years or every one hundred (100) hours, and more specifically check the followings :

- Lines (no excessive wear no breakages or folds) maillons and carabiners
- Materials selected for the EONA2 ensure the best compromise for lightness and longevity. However in certain conditions such as exposure to UV or abrasion or exposure to chemical products the glider must be submitted to a thorough inspection by a qualified facility. Your safety depends on it!
- Carabiners must be replaced every five (5) years by identically rated and certified models recommended by the manufacturer (SUPAIR).



Repair



In spite of using the best quality materials, your glider may be subjected to wear and tear (Gigi, subjected et non subject) and hence will need to be regularly inspected at a qualified repair center.

SUPAIR also offers the possibility for its products to be repaired beyond the end of the warranty period. Please contact us either by telephone or by E-mail sav@supair.com in order to receive a quote.

Recycling

All our materials are selected for their technical and environmentally friendly characteristics. None of the components found in our products will harm the environment. Most of them are recyclable.

If your EONA's life span is over, you can separate all metallic and plastic parts from the cloth and dispose of the rest according to your country's recycling guide lines and requirements. Please contact your local recycling center for more information..

Mandatory controls



Your glider must be checked every 2 years or every 100 flight hours by a qualified operator.

We advise you to take this opportunity to have your reserve repacked.

Warranty

SUP'AIR takes the greatest care in the design and production of its product line hence offers a 3 years limited warranty from the purchase date against any manufacturing defect or design issues occurring during normal use. Any damage or degradation resulting from incorrect or abusive use, abnormal exposure to aggressive factors including but not limited to; high temperature intense sun exposure high humidity etc. will invalidate this warranty.

Disclaimer



Paragliding is an activity requiring, skills, specific knowledge and sound judgement. Be safe by learning in certified schools, subscribe and obtain an adequate insurance policy as well as a flying license while always making sure your flying skills are up to the task in various weather flying conditions. SUP'AIR cannot be held responsible for your paragliding decisions or activities.



This SUP'AIR product was designed for solo use only. Any other activity such as tandem paragliding, skydiving or BASE jumping is absolutely forbidden.

Pilot's gear

It is essential to wear a helmet, suitable shoes with good ankle support and adapted clothing. Carrying a reserve emergency parachute corresponding to your weight and properly connected to the harness is also highly recommended.



SUPAIR

LIFE IS IN THE AIR



EONA 2

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