EN



User manual

v1.0 - 07/2024

Safari passenger³



Safari passenger³

TANDEM PASSENGER WITH SPLIT LEGS

Whilst Gin Gliders has made every effort at the time of publication to provide accurate information, product specifications are subject to change without notice and may vary from those shown.

CONTENTS

Safari passenger 3

Thank You 4

Warning 5

Introducing Safari passenger 3 6

Specifications 7

Components of the Safari passenger 3 8

Before you fly 10

Back protector installation 11

Maintaining the back protector 12

Rescue installation 14

Rescue handle installation 15

Rescue bridle installation 16

Storage 20

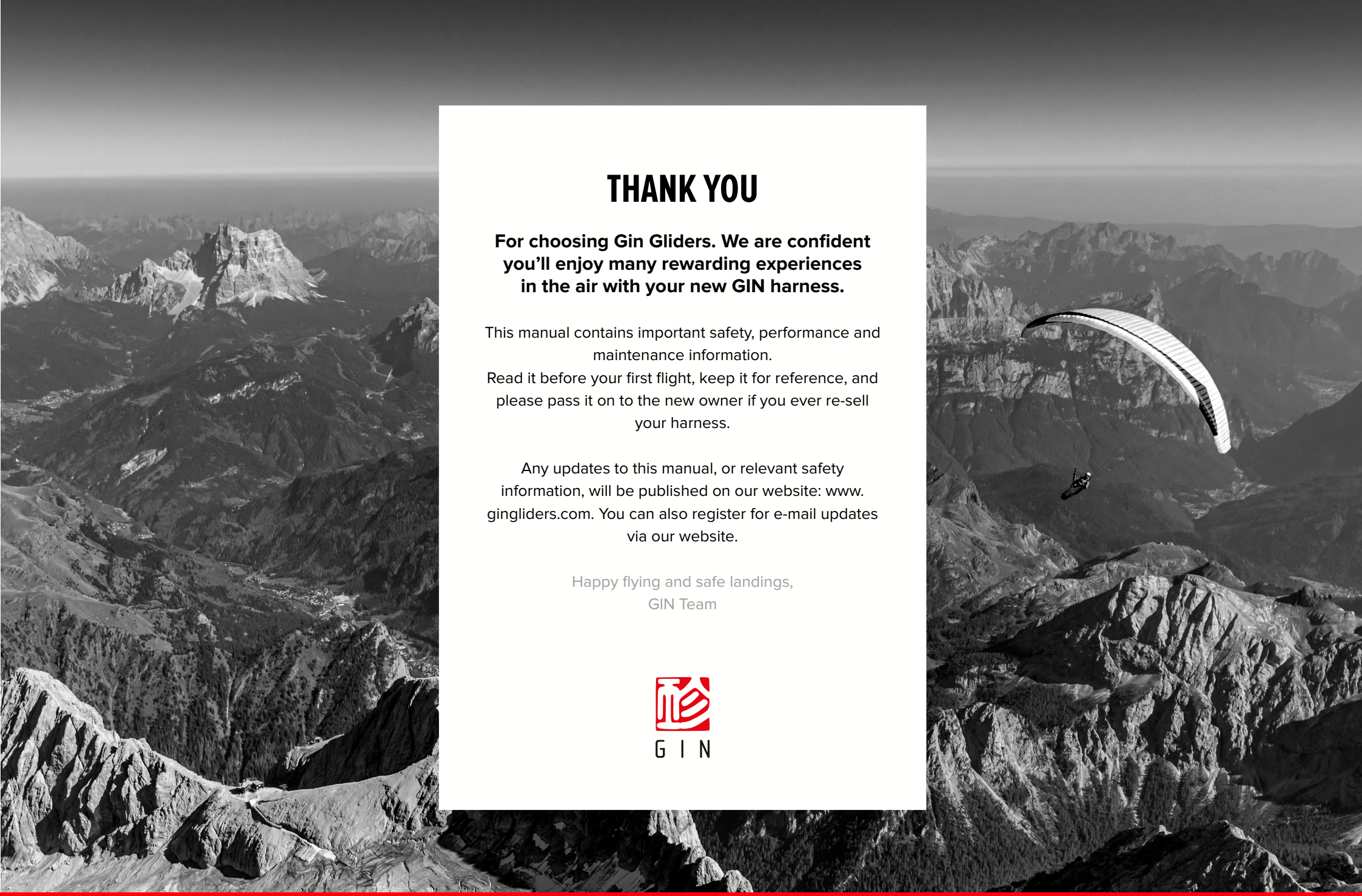
Adjustments 21

Flying with the Safari passenger 3 22

Maintenance and Repairs 25

Final Words 28

Harness Diagram 32



THANK YOU

For choosing Gin Gliders. We are confident you'll enjoy many rewarding experiences in the air with your new GIN harness.

This manual contains important safety, performance and maintenance information.
Read it before your first flight, keep it for reference, and please pass it on to the new owner if you ever re-sell your harness.

Any updates to this manual, or relevant safety information, will be published on our website: www.gingliders.com. You can also register for e-mail updates via our website.

Happy flying and safe landings,
GIN Team

GIN

! WARNING

Like any extreme sport, paragliding involves unpredictable risks which may lead to injury or death. By choosing to fly, you assume the sole responsibility for those risks. You can minimize the risks by having the appropriate attitude, training and experience and by properly understanding, using and maintaining your equipment. Always seek to expand your knowledge and to develop self-reliance. If there is anything you do not understand, consult with your local dealer as a first point of contact, with the GIN importer in your country or with Gin Gliders directly.

Because it is impossible to anticipate every situation or condition that can occur while paragliding, this manual makes no representation about the safe use of the paragliding equipment under all conditions. Neither Gin Gliders nor the seller of GIN equipment can guarantee, or be held responsible for, the safety of yourself or anyone else.

Many countries have specific regulations or laws regarding paragliding activity. It's your responsibility to know and observe the regulations of the region where you fly.

INTENDED USE: *Lightweight air sports equipment with a maximum mass of less than 120kg, operated in the paragliding division.*

INTRODUCING THE SAFARI PASSENGER³



The Safari passenger 3 is designed to give you and your passengers the best experience possible. It's a harness that's easy to use, comfortable, compact and light.

The Safari passenger 3 is adjusted from the hips rather than the shoulders. This makes it easier to check that the trim is correct and make any adjustments, since the strap is located in a less sensitive area of the passenger's body. It's one simple pull to shorten or lengthen, saving you time. The harness is a single size, but is designed to accommodate a wide range of passenger sizes.

Buckles are Edelrid triple lock: simple to open and close, yet impossible to open accidentally. The back protector is an airbag, which pre-inflates for maximum security. A reinforced skid guard on the bottom of the airbag offers protection against wear and tear and can be easily removed and replaced if it becomes worn or damaged. Storage and pockets have been carefully considered in conjunction with the Safari pilot 3 harness. The stability of the Safari harnesses in flight is well suited to more sensitive passengers and the balanced landing position makes it easier to achieve a gentle touch down. We also paid a lot of attention to achieving compact packing and long term durability.

SPECIFICATIONS

Size	ONE SIZE
Pilot height (cm)	165 - 190
Carabiner distance (cm)	47
Seat width (cm)	45
Seat length (cm)	40
Back pocket volume (L)	22
Protector pocket volume (L)	46

CERTIFICATION

The Safari passenger 3 is **EN** and **LTF** certified, max load 120 daN
Certification number: **PH_445.2024** | **CE** certification

DELIVERY PACKAGE

1 Harness
1 Rescue deployment handles
2 GIN 30mm carabiners

BACK PROTECTION

Aerobean protector

46cm Airbag protection

CE and EN Certified

HARNESS COMPONENT WEIGHTS

COMPONENTS	One size
30mm carabiner 2 sets (kg)	0.065
Harness weight (kg)	2.15

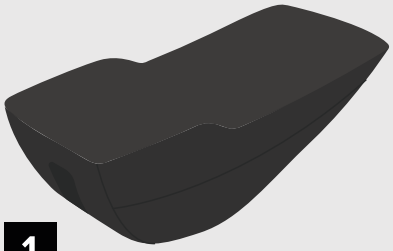
COMPONENTS OF THE SAFARI PASSENGER³

1 BACK PROTECTION

The Safari passengrer 3 comes with an airbag protector. The protection must be inspected after any impact and assessed for damage. The protector protects the pilot as much as possible in the event of an incident, but it cannot completely eliminate the risk of injury.
The Safari passenger 3 back protection is EN and CE certified.

2 GIN CARABINERS

Included with your harness is a pair of GIN 30mm carabiners. The Safari pilot 3 is compatible with quick release carabiners but on the main connection (Spreader bar or supple spreaders). Automatic aluminium carabiners have a limited lifetime due to metal fatigue. They must be replaced after 5 years or 500 flight hours, whichever is soonest. They should never be used between spreaders and tandem wing risers as main carabiners. They should also never be used to connect bridles to the reserve.

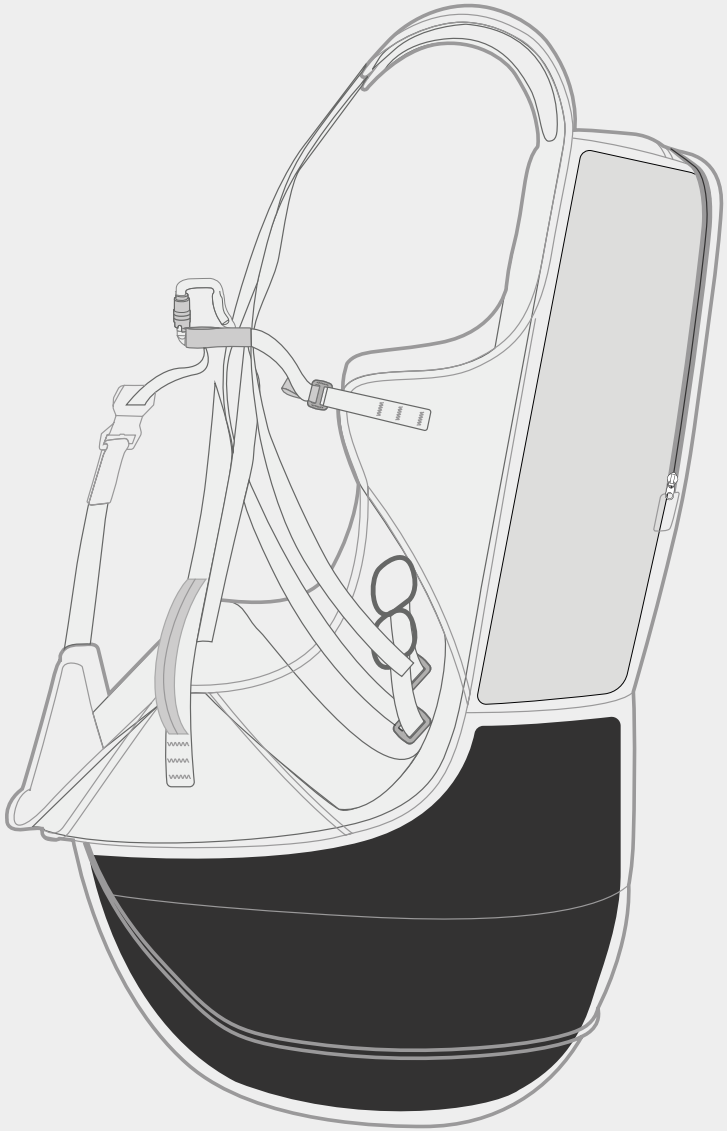




BEFORE YOU FLY

Make sure your dealer has checked the harness for completeness and basic settings. Your harness must be assembled by a suitably qualified paragliding professional, for example, your instructor.

Gin Gliders recommends that assembly be carried out in the following order. If you are in any doubt whatsoever about this procedure, please seek professional advice from your instructor, GIN dealer or importer.



AIRBAG PROTECTION

The advantage of the airbag back protection is the increased safety rating compared to other technologies once fully inflated. Also the packing volume is reduced and the harness is lighter compared to a conventional foam protector.

The airbag inlet is located between the legs of the pilot just below the seat plate. On takeoff the harness will be mostly inflated before the pilot is airborne thanks to the designed pre-inflation which is aided by Titanium wire and a thin foam layer.

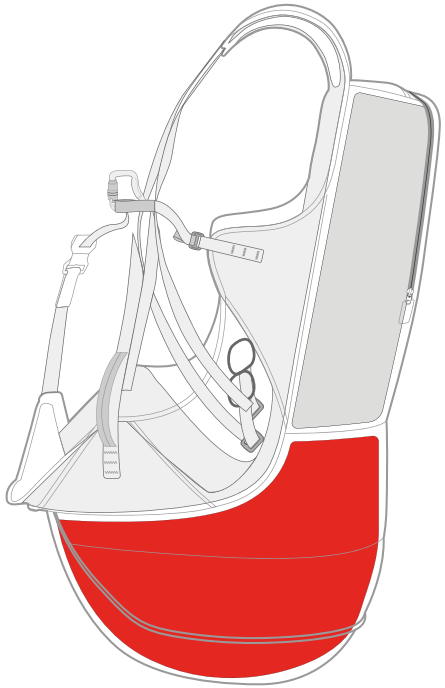
After takeoff the harness is normally fully inflated in a matter of seconds. In the event of an incident the inflated back protection will help to dissipate the force of the impact. However, the back protection cannot completely eliminate the risk of injury to the pilot.



WARNING: *The back protection does not eliminate the chance of injury as a result of a crash.*

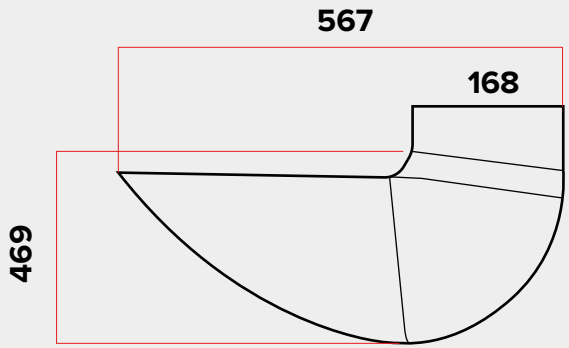
WARNING: *If the harness is subjected to temperatures exceeding 70 degrees Celsius the integrity of the back protection may be compromised.*

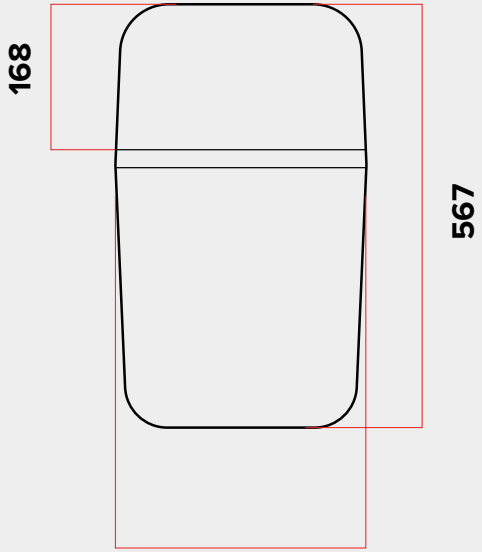
WARNING: *After any strong impact the back protection should be professionally inspected for external or internal damage. Any damage can decrease the effectiveness of the back protection.*

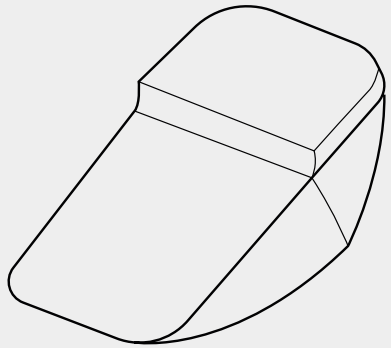


PROTECTOR SIZE

Size and dimensions of the airbag protector.







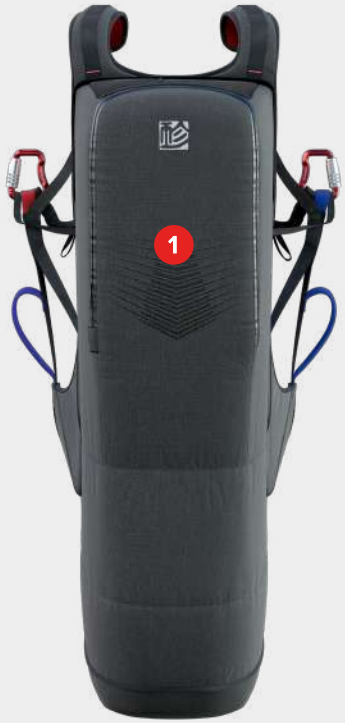
STORAGE

BACK POCKET (1)

The back pocket is designed to store the pilot's rucksack and other light accessories during flight.

TOP PANEL (2)

In the upper compartment, there is a quick access pocket for small items (SD Cards, batteries, etc.). And a Velcro panel with loops to secure flight instruments





ADJUSTMENTS

NOTE: *Make sure that the rescue system has been installed before making adjustments.*

After choosing a harness that is close to your body size, adjust your harness to suit your physique and flying style. It is important to adjust it correctly to ensure you can easily slide into the sitting position after take off. A poorly adjusted harness can adversely affect the flying characteristics of your paraglider.

Perform adjustments before your first flight by hanging in a simulator and fine-tune the settings if necessary during your first few flights.

SHOULDER STRAPS (1)

On the Safari passenger 3, the shoulder straps must be adjusted on the hip of the pilots. The optimum setting for the shoulder straps depends on the height of the pilot. Step into the harness and stand upright with the breast strap closed, symmetrically adjust the shoulder straps until they are a snug fit, but not tight.

To tighten: pull forward on the BLACK dotted loop
To loosen: pull forward on the RED loop on the side of the hips.

LUMBAR STRAPS (2)

Below the breast strap you will find a buckle to adjust the lumbar strap. To get the back fully supported by all the seat, tighten the strap until the back pressure is distributed evenly.

BREAST STRAP (3)

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



FLYING WITH THE SAFARI PASSENGER³

General warnings and advice

Before every flight, check the following:

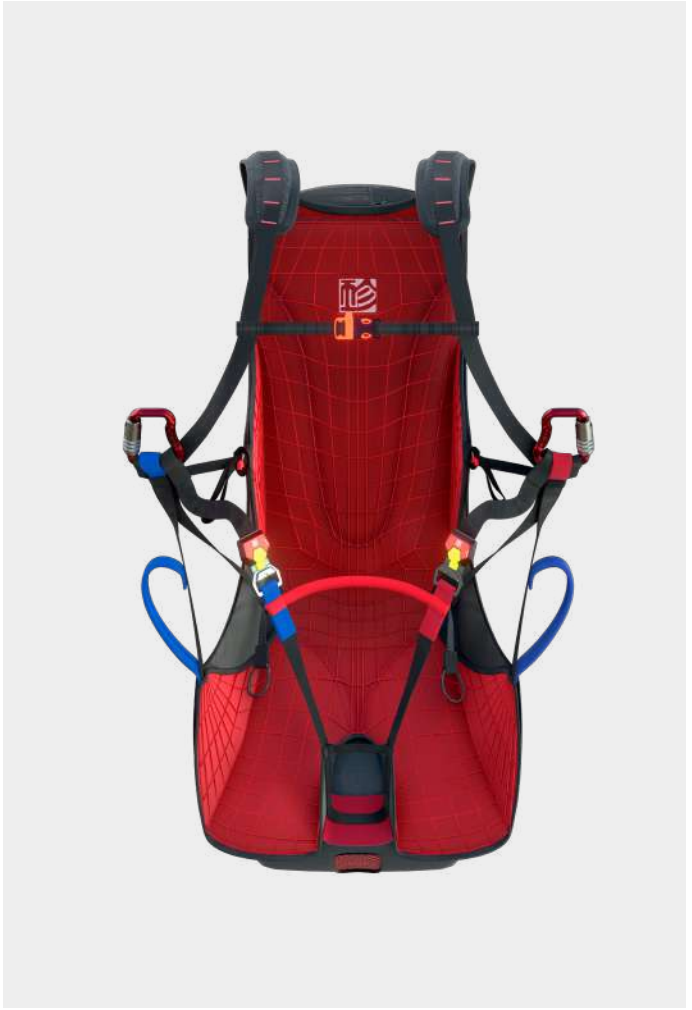
- Are you in good physical and mental condition?
- Are you familiar and compliant with all applicable laws and regulations in your area?
- Are you within the certified weight range of your paraglider?
- Do you have the necessary valid insurance cover (e.g. liability, medical, life)?
- Are you briefed thoroughly about the site, airspace and expected weather conditions of the day?
- Is your equipment and choice of site suitable for your level of experience?
- Do you have a suitable helmet, gloves, boots, eye-wear and adequate clothing?
- Are you carrying some form of identification, so that people know who you are in case of an accident? Take along a radio and mobile phone if possible.
- Do you fully understand how to safely use your new equipment? If not, have your instructor or dealer explain anything you are not sure about.

When you go for your first flight on your new harness, be sure to pick a day and site that does not present you with any unfamiliar challenges. During your first flight, familiarize yourself with the in-flight characteristics of your new harness.

Pre-flight checks

As part of your normal pre-flight check routine, check:

- Is there any damage to the harness or carabiners that could affect its airworthiness?
- Is the rescue parachute container closed correctly with the pins in the right position?
- Is the deployment handle correctly inserted or attached?
- Are all buckles, belts, zips securely fastened? Buckles should click into place as you close them, and a gentle pull on the fastened buckle verifies this. Secure any zips after fastening the buckles. Take extra care in snowy or sandy environments.
- Is the paraglider connected correctly to the harness with both carabiners secured by their locking mechanisms?
- Are all pockets closed properly and any loose items tied down safely?
- Is the air chamber intake open and clear?
- Have you closed your leg and chest straps? Double check before you take off!



IMPORTANT: *Use a complete and consistent system of pre-flight checks and repeat the same sequence every flight.*

IMPORTANT: *The maximum clip in weight of the Safari Pilot 3 is 120kg, we do not recommend you fly with more than this weight.*

Miscellaneous



Towing

The Safari passenger 3 can’t be used for tow launches.



Tandem Flying

The Safari passenger 3 is designed for tandem flying as a passenger harness. It must always be attached via a spreader to a pilot harness.



Flying over water

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

MAINTENANCE AND REPAIRS

The materials used in this harness have been carefully selected for maximum durability. Nevertheless, keep your harness clean and airworthy to ensure the longest possible period of safe operation.

Care and maintenance

Don't drag your harness over rough or rocky ground. Avoid unnecessary exposure to UV rays, heat and humidity. Keep the folded harness in your rucksack when not in use.

Store all your equipment in a cool, dry place, and never put it away while damp or wet. Regularly clean off dirt with a plastic bristled brush and/or a damp cloth. If the harness gets exceptionally dirty, wash it with water. Make sure you first remove the entire sub-components for example, rescue parachute etc. Allow the harness to dry naturally in a well ventilated area away from direct sunlight. If your rescue parachute ever gets wet (e.g. in a water landing) you must separate it from the harness, dry it and repack it before putting it back in its separate deployment bag.

After a hard landing you must check your harness and back protector for damage, pay close attention to the rescue container and verify all of the attachments are secure.

Inspection checklist

The pilot should perform the following inspection on every repack of the rescue and should be checked by a professional after 24 months or 200 hours of flying, whichever comes first. Additional inspections should be performed after any crash, bad landing or take off, or if there are any signs of damage or undue wear. Always seek professional advice whenever in doubt.

! IMPORTANT: *Any repairs should only be carried out by the manufacturer or by an approved agent. This will ensure that the correct materials and repair techniques are used.*

! IMPORTANT: *No harness should ever be flown if there is any kind of damage to the webbing.*

The following checks should be carried out:

- Check all webbing, straps and buckles for wear and damage (ex. open seams, tearing or cutting), especially the areas that are not easily seen, such as the inside of the carabiner hook-in points.
- All sewing must be intact and any anomalies attended to immediately to avoid exacerbation of the problem.
- Special attention should be paid to the rescue installation, particularly the elastic and Velcro parts.
- The main carabiners must be replaced at least every 5 years or after 500 hours, whatever comes first. Impacts may create undetectable cracks that could result in structural failure under continuous load.
- A careful visual inspection of the protector should be made, airbags should be filled with air and checked for leaks, mousbag should be inspected for tears and foam recovery.

Repairs

The manufacturer or an official GIN dealer should carry out any repair that involves critical parts of the harness. This will ensure that the correct materials and repair techniques are used.

Storage

Store at a temperature between 10° and 25° C and in relative humidity between 50 and 75%. Make sure that the harness is not stored in a place where animals such as mice or cats could use it as a place to sleep.

Do not store the harness near any chemicals (including water). Petrol, for example, causes the material to disintegrate and can cause considerable damage to your harness. When your equipment is in the car boot, keep it as far away as possible from any spare petrol cans or oil containers.

The harness should not be exposed to extreme heat. High temperatures accelerate the process of hydrolysis, particularly when combined with moisture, which damages fibers and coating. Do not store your harness near radiators or other heat sources.



GIN quality and service

We take pride in the quality of our products and are committed to putting right any problems affecting the safety or function of your equipment and which are attributable to manufacturing faults. Your GIN dealer is your first point of contact if you have any problems with your equipment.
If you are unable to contact your dealer or GIN importer, contact Gin Gliders directly via our website.

GIN lifetime guarantee

Gin Gliders are proud to guarantee the quality, craftsmanship and performance of all our products. Equipment with defects in materials or manufacturing will be repaired or replaced at the discretion of Gin Gliders for the practical lifetime of the product. Equipment damaged through wear and tear, misuse or neglect may be repaired at a nominal charge.

If you have any problems with your equipment, please contact your GIN dealer in the first instance, or Gin Gliders directly via our website.

Care of the environment

We are privileged to fly in areas of outstanding natural beauty. Respect and preserve nature by minimizing your impact on the environment. When visiting an area, contact the local club for details of environmentally sensitive areas and local restrictions.
Gin Gliders gives consideration to the entire life cycle of its harnesses, the last stage of which is recycling in an environmentally-friendly manner. The synthetic materials used in a harness must be disposed of properly. If you are not able to arrange appropriate disposal, Gin Gliders will be happy to recycle the harness for you. Send the harness with a short note to this effect to Gin Gliders Inc.

Product registration

Register this product to receive any important safety updates.

www.gingliders.com/register

FINAL WORDS...

Most of us today live in a dependent society where we are regulated and protected. There are few opportunities for individuals to develop the self-responsibility that is the foundation of safety in extreme sports such as paragliding.

Most accidents are caused by getting into situations that are too demanding for your level of experience. This happens if you lack fundamental understanding, are incapable of assessing the risk or simply do not pay sufficient attention to your surroundings or your own state of mind.

To stay safe, the best you can do is to increase your understanding, skill and experience at a rate you can manage safely. There is no substitute for self-responsibility and good judgment.

In the end, paragliding offers a unique opportunity to learn to take control of your own destiny. Memento mori, carpe diem!

Fly safely, and...**ENJOY!**

GIN team

TECHNICAL DATA

Size	ONE SIZE
Carabiner distance (cm)	47

CERTIFICATION

The Safari passenger 3 is **EN** and **LTF** certified, max load 120 daN
Certification number: **PH_445.2024 | CE** certification

BACK PROTECTION

46cm Airbag protector

MATERIALS

Harness fabric	
Outer	70 D Rosetta ripstop
Inner	Nylon HD 210
Webbing	Nylon HD 210Nylon 20mm
	Polyester 30mm/25mm/20mm
Thread	100% Polyester, P/F 210D/9 bonded, P/F 210D/4 bonded & P/F 210D/6 bonded

PILOT DETAILS / PROOF OF OWNERSHIP

1. Owner
Name:
Address:
Phone:
Email:

2. Owner
Name:
Address:
Phone:
Email:

3. Owner
Name:
Address:
Phone:
Email:

HARNESS DETAILS

Size	Colour	Serial Number

Check flight (date):

Mark and signature:

INSPECTIONS AND REPAIRS OVERVIEW

Date	Work carried out	General conditions on delivery	Completed by (name)	Stamp and signature

HARNESS DIAGRAM



HARNESS DIAGRAM

1 Back pocket

2 Sitting handles
Both sides

3 Velcro panel
For flying devices

4 SD pocket

5 Airbag protection

6 Edelrid Triple lock buckles

7 Replacable protective fabric

8 *Chest strap buckle*
With whistle included

9 Adjustable hip straps

10 Adjustable lumbar straps



Gin Gliders
2318-32, Baegok-daero,
Mohyeon-myeon, Cheoin-Gu,
Yongin-city, Gyeonggi-Do,
17036 Korea

www.gingliders.com