



ADVANCEAXESS³AIR

Getting started

Welcome to ADVANCE

Many thanks for choosing ADVANCE. We are one of the world's leading paraglider manufacturers and are based in Switzerland. Since 1988 we have consistently followed our own paths and concepts, both in development and production. We hope that your AXESS 3 AIR will bring you many rewarding hours in the air.

The AXESS 3 Air is a light and very comfortable compact harness with Airbag. Excellent

back support is responsible for a high level of comfort. The AXESS 3 Air is equally suitable for everyday flying and school use, as well as for Hike & Fly and travelling.

Getting started

This guide gives you a brief look at using your AXESS 3 AIR, but it does not replace the official manual, where you will find detailed instructions about setting up, use in flight, upkeep and service. The manual can be downloaded from www.advance.ch/ax-ess.



Delivery and initial settings

Before delivery every ADVANCE product has to be checked by the dealer that the package is complete and that basic settings are correct.

Delivery includes:

- AXESS 3 AIR harness with carbon seat-board
- 2 alu main carabiners
- Harness/reserve V-connection, and combined reserve handle and four-flap inner

container

- Hold-backs for the speed bar
- “Getting started” Booklet

Optional extra:

- Foot stirrup with speed system

Adjusting the harness

All harnesses are delivered set to their basic settings. This is indicated on the shoulder, back and leg straps by markings sewn in white. To find your own perfect adjustment hang the harness up, and start from the basic settings.

1. Back Straps

The relatively high-mounted back straps (at the sides) give good back support and take weight off the shoulders. Pulled-in back straps

result in an upright position. Completely loosened back straps put the pilot in a reclined position. ADVANCE recommend the basic setting.

2. Shoulder Straps

The shoulder straps should be adjusted for pilot height and desired sitting position. When adjusted correctly in the flying position there should be 2 cms' space between shoulder and strap.

3. Chest strap

The chest strap sets the distance between the main support loops (carabiners). The wider the chest strap is opened the more agile is the sitting position, and weight steering will have more effect. A closer setting results in a quiet and damped ride in flight. The adjustment range is very large, and harness agility can be changed to any setting the pilot chooses to suit the conditions.

4. Leg straps

The leg straps should be symmetric and set to a length that allows freedom of movement for takeoff. This makes for a safe takeoff and means that the comfortable sitting position can be easily taken up after liftoff. The leg strap buckles are under the seat, which should be tipped forward for access. The buckles are directly under the back of the seatboard.

5. Seatboard

The seatboard angle can be quickly set to any position. This is a matter of pilot preference.



AXESS 3 AIR and its Airbag

After unpacking the internal AXESS 3 AIR Airbag fills itself completely with air, without the need for any special treatment. The Airbag has standing Polyurethane walls; something like the frames of a ship's hull. The cross tensions they produce makes sure the airbag expands itself in all directions.

The Airbag can be compressed very small when packed in the rucksack with the glider,

but it should NOT be stored like this. The harness should be stored open and not left compressed in the rucksack.

At the takeoff site the harness should be unpacked in good time so that the Airbag can fully inflate itself.

The Airbag meets the certification requirements of LTF 91/09. After a crash you must,

without fail, inspect the Airbag for possible damage. If the Airbag is found to be damaged it can be replaced.



Caution: Before every takeoff check that the Airbag has unfolded itself correctly.

Tip: To maintain the protector's long life we recommend that the AXESS 3 AIR is stored upside down.



Fitting the reserve

Fitting a reserve parachute should be done by a qualified person; your safety depends on it. There's a detailed, step by step explanation in the AXESS 3 AIR manual.

Make sure that the reserve does not exceed the volume certified for the AXESS 3 AIR:
Size **S** 3 to 6.5 litres; Size **M** 3 to 7 litres and
Size **L** 3 to 7.5 litres.

A very rough volume approximation can be obtained from the reserve weight by using this formula (Reserve weight in Kgs x 2.7 = Volume in Litres). But, depending on packing quality and style, it could still be possible that a reserve does not release faultlessly, even though it conforms to the approved maximum volume – if calculated by this formula.

Finally it must always be confirmed that every particular combination of reserve and

harness will release properly by carrying out a compatibility test.



Caution: You must only use the original reserve handle and its attached four-flap inner container.



Flying with a foot stirrup

If you want to fly with a stirrup ADVANCE recommend that you use the optional model designed exclusively for the AXESS 3 AIR.

This is the only stirrup to have been included in the LTF 91/09 testing process.

The high attachment point gives you maximum comfort. Your legs are supported without effort and you can better enjoy long flights. The fastening at the seatboard area and the elastic webbing make it impossible

for the stirrup to get caught up with the reserve.

Specific fitting instructions are detailed in the AXESS 3 AIR manual.

Tip: A combined stirrup and speed system always makes it easy to pick up the speedbar in flight.



Technical details

		S	M	L
Pilot height	cm	155-172	165-187	175-202
Seatboard width	cm	34	35.5	37
Seatboard length	cm	38	41	43
Carabiner height	cm	42	44	46
Chest strap width	cm	44-54	44-54	44-54
Weight of harness	kg	3.30	3.50	3.65
Load test		DIN EN 1651, 120 kg		
Airbag certification		LTF 91/09		

Warranty and Service

Register your AXESS 3 AIR online within 10 days of purchase on www.advance.ch/garantie. The ADVANCE warranty is valid for 3 years to cover defects that are attributable to manufacturing faults. There are more details online.

Your AXESS 3 AIR has to have a check every 24 months and should be regularly inspected. If damage is found it should be immediately repaired by an authorised service centre.

You can find detailed information about the worldwide ADVANCE Service Network on www.advance.ch.

You can find the up-to-date version of the detailed official manual, more advice about safety, and current information including answers to frequently asked questions (FAQs) on www.advance.ch.

ADVANCE®

advance thun ag
uttigenstrasse 87
ch 3600 thun

www.advance.ch
info@advance.ch

fon +41 33 225 70 10
fax +41 33 225 70 11