

*RRD*

# AIR BELUGA FOIL BOARDS USERS GUIDE

ENGLISH MANUAL

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[www.robertoriccidesigns.com](http://www.robertoriccidesigns.com)

# INCLUDED EQUIPMENT

TORX KEY T30 FOR M6



Foil Plate Hardware



4 x Screw M6 x 20mm Torx  
Round head & 4 x M6 washers



4 x Brass nuts  
not through hole

Air Beluga  
carry Bag



Footstraps Hardware



6 x Plastic washers



12 x Screw M5 x 29mm  
Round head &  
12 x M5 washers

Inflation/deflation  
high pressure valve

1 x Dry Bag  
Repair kit



3 x Footstraps

1 x Hand Compressor  
pump



Leash ring

Automatic  
US BOX FIN  
only for  
Air Beluga 200



# AIR BELUGA BOARD RANGE



Air Beluga  
200  
200x75  
6'5" x 29 1/2"  
LTS 140



Air Beluga  
170  
170x73  
5'5" x 28 5/8"  
LTS 110



Air Beluga  
155  
155x70  
5'1" x 27 1/2"  
LTS 90



Air Beluga  
140  
140x56  
4'6" x 22"  
LTS 50



# SAFETY

## READ THIS MANUAL CAREFULLY BEFORE USING YOUR RRD AIR BELUGA INFLATABLE BOARD AND KEEP IT STORED FOR FUTURE READING

RRD strongly recommends to follow hydrofoil Windsurf foil / kite foil / surf foil / SUP foil / WING foil lessons in a specialized school before using a hydrofoil for the first time. The use of a hydrofoil involves inherent risks and can cause severe injuries or, sometimes fatal, accidents if misused.

Please check under the tab <schools> on the following website [www.robertoriccidesigns.com](http://www.robertoriccidesigns.com) to find your nearest school. When using a hydrofoil, you agree to take full responsibility for your own safety and those of others. This includes informing subsequent users/owners of your equipment of the risks and responsibilities involved. Before practicing, make sure that you are properly covered by an insurance for any damage or injuries caused to third parties while practicing watersports. Please refer to your national surf body or federation to get more information on insurance and responsibilities.

Be aware that the design and construction of the hydrofoil involves sharp and stiff edges that could easily cause severe abrasions and/or cuts. It is very highly recommended to familiarize yourself with the dimensions, weight, behaviour of the hydrofoil both assembled and unasssembled to the board while carrying it to the water and/or keeping it on the beach. Never leave the hydrofoil unattended on the beach. Any wind changes might cause the hydrofoil to move, fly away and cause severe damages to you and/or the others around the hydrofoil.

### SAFETY TIPS:

Constant care and caution remains the best way to avoid any problem but specialized equipment contributes to your own safety as well. Please keep in mind that wind and weather can be unpredictable and that no-one can be in full control of the hydrofoil at all times.



## • Rule N°1: YOUR PERSONAL SAFETY

It is strongly recommended to practice in the company of other users who could eventually call for assistance or help in case of emergency. You should never ride alone.

## • Rule N°2: PERSONAL SAFETY EQUIPMENT

### Helmet:

It is strongly recommended to wear a helmet to protect you in case of a fall or any other unexpected situations.

### Wetsuit :

Choose a full-length wetsuit (water T° <19°C[66°F]) or a shorty (water T° >19°C[66°F]) depending on the water temperature. But be aware that you will use more energy when you are cold.

### Impact vest :

The impact vest can be a protective piece of equipment if you take a hard crash and will become a true asset if you ever have to swim back to the shore.

## • Rule N°3: CHOOSE YOUR SPOT CAREFULLY

The choice of a good spot is an essential decision for safe learning. Don't ride a hydrofoil in crowded breaks. To choose your place of practice, it is important to select a spot suited to the practice of hydrofoiling. Favor a spot without reefs or rocks and avoid crowded areas. Observe local laws and regulations in the area you plan to use the equipment.

## • Rule N°4: KNOW THE WEATHER FORECAST

Be up-to-date with the local weather and surf forecast, (apps, radio, web, harbor crew, local schools). Check on the tides schedule and the areas for rip currents.

## • Rule N°5: HELP OUT OTHERS AND SHOW RESPECT

### Help out others:

Keep a constant eye on your surroundings, and pay attention to others. Do not hesitate to help out or go after a struggling surfer. But make sure you don't bring yourself in danger.

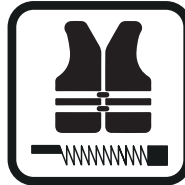
### Respect bystanders :

Never lend your equipment to a non foil rider. The hydrofoil is dangerous when left unattended on the beach. Inform any people or spectators close to the board and hydrofoil that there might be an accident risk in case they collide with the board and /or the hydrofoil.

# WARNING



Read the instructions before use



Must wear life jacket and board leash



For good swimmers only



Wear safety helmet



Number of users  
1 Adult



Maximum distance from the coast



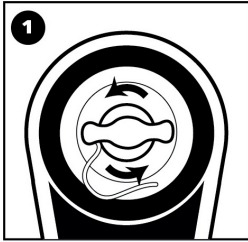
This is not a floating device



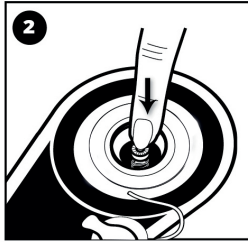
Correct inflating pressure

# INFLATION

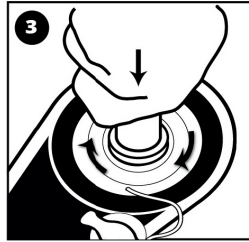
To inflate your board use the pump provided and follow the instructions below.



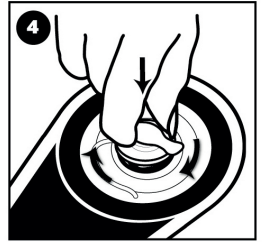
Release the valve cover by twisting counter - clockwise. Ensure the valve is clear from debris sand, or dirt before releasing.



Push valve button in so it pops up. Connect the pump hose to the pump on "OUT" mode.



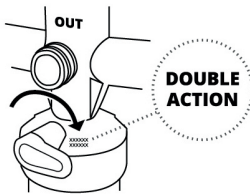
Insert the pump hose and twist it 45 degrees clockwise to lock in place. Inflate until you reach the required pressure 18 PSI



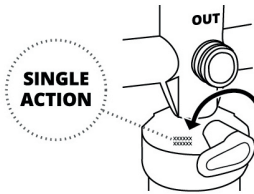
After inflation, return the valve cover and tighten in clockwise direction to lock in place.

## PUMPING TECHNIQUE

To inflate faster and easier, follow the techniques below.

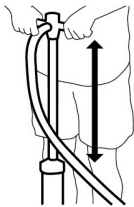


**1** Use the **DOUBLE ACTION** position to pump the board up to 7 psi.



**2** Switch to use the **SINGLE ACTION** position to pump the board up to 15 - 18 psi.

## Correct Position



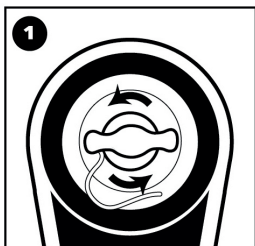
- Using the full range of the pump cylinder helps to inflate faster, while keeping your arms extended helps to reduce efforts pumping.



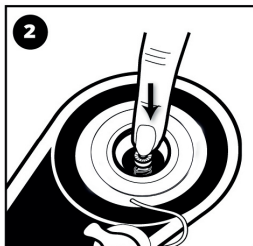
- Bending your knees makes more powerful inflating.
- Using the body weight helps to reduce effort.

# DEFLATION

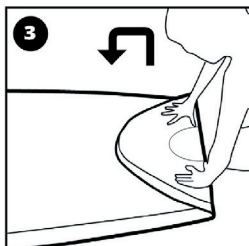
To deflate your board, follow the instructions below.



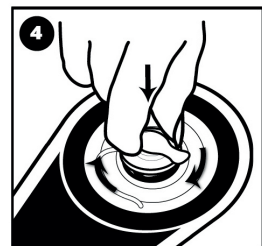
Release valve cap by twisting counter - clockwise.



Push valve button in to lock it in **DOWN** position to deflate.



Fold up your board from the tail to the nose, pushing all air out, or using pump on "DEF" mode to help deflating faster.



Press all air out of the board, return valve cover, and tighten in clockwise direction to lock in place.

# FOOTSTRAPS SETUP

The AIR BELUGA boards are equipped with footstraps to be used for of Wind foiling , Kite foiling, Wing foiling , SUP and Surf foiling.

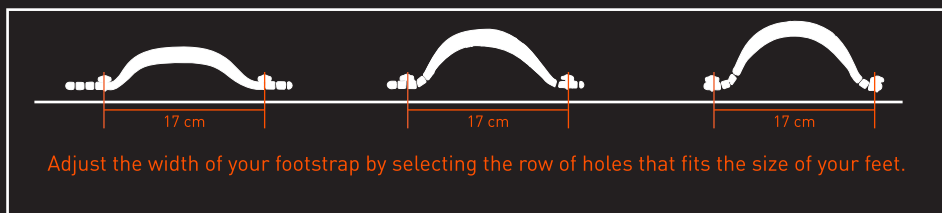
We strongly recommend strapless setup for SUP and Surf foil use.



1 - Lift up the neoprene side covers for an easy screw holes access.

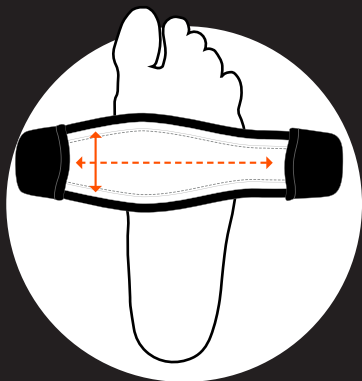


2 - Place the plastic washer, the steel washer and the M5x 29mm screw ( in this sequence) in the preferred hole position.



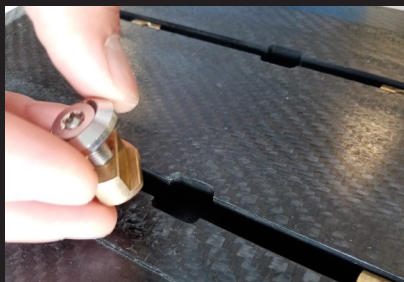
3 - It is **IMPERATIVE** to insert the screws along the vertical line of the insert hole. If you force the screw inside the hole you will permanently damage the board !





Make a test to be sure the strap is correctly adjusted: the strap must be neither too loose nor too tight: you must be able to slide your feet easily into the straps and remove them easily too. But there should be no gap between the top of your foot and the strap. They must be in contact with each other. Note that the setting must be changed if you ride with neoprene booties or if you ride barefoot.

## ASSEMBLY / DISASSEMBLY OF THE FOIL



1 - Turn your board over on a smooth surface, put the 2 brass inserts in each US box.



2 - Place your brass inserts nuts at the same distance in each US Box



3 - Turn your assembled foil over and place it on your board above the US boxes. Use the 4 screws (and washers) to fix the foil plate to your board.



Check the tightness of all the screws.  
**Your board is now ready to be used.**

# NOSE STABILIZER FIN SETUP

The AIR BELUGA 200 is equipped with a click lever fin box system positioned towards the nose of the board to help stabilizing the ride and help stay upwind.



Open the click lever box and place the base of the fin in the plastic slot.

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Push down the fin and lock the lever.



AIR BELUGA 160

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