

# Super Cub Floats

*instruction manual*

HBZ7390

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Horizon Hobby UK  
Units 1-4 Ployters Rd  
Staple Tye  
Harlow, Essex  
CM18 7NS  
United Kingdom

Horizon Hobby Deutschland GmbH  
Hamburger Strasse 10  
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Welcome  
to the World of

**hobbyzone**<sup>®</sup>

Congratulations on your purchase of the HobbyZone<sup>®</sup> Super Cub Floats. These floats add a new level of fun and excitement to your Super Cub.

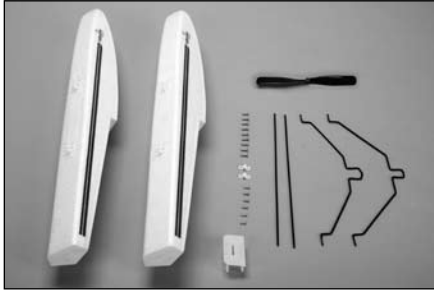
**Note:** Only use the floats if you are comfortable flying your Super Cub and have repeatedly and successfully taken off, flown and landed. Flying off water poses a higher risk to the airplane because the electronics can fail if immersed in water.

Crash damage is not covered under the warranty.

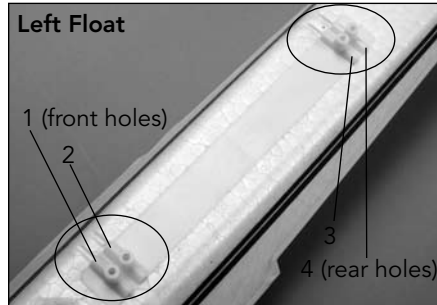
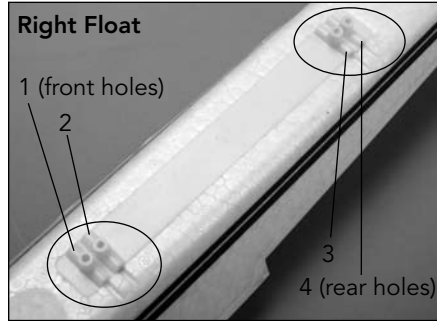
Be sure to read the warranty on page 16 and "Warnings and Safety" on pages 14–15 before you proceed to Step 1.

## Assembly

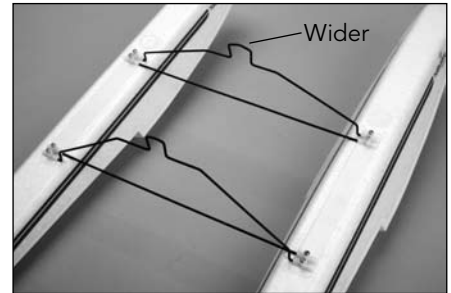
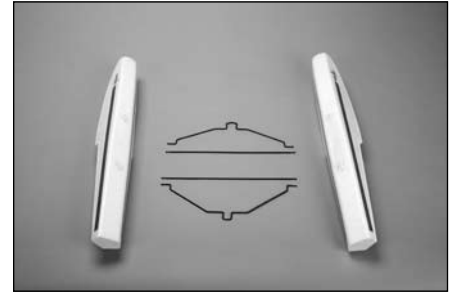
- Remove contents from the box and inspect for missing parts or any damage.



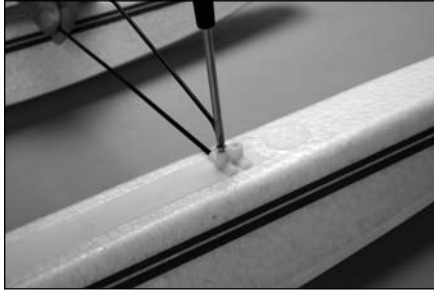
- Separate the eight 3mm x 10mm Phillips head machine screws, the spreader wires and the two landing gear legs.
- Note that there is a right and left float. The indentions in the foam for the spreader wires and landing gear will face inward.



- Install the landing gear with the wider top portion into the front holes on the floats. Next install the front spreader wire into the second holes on the floats. Install the rear spreader wire into the third holes on the floats. Finally, install the rear landing gear legs with the narrower top portion into the rear holes on the floats.



- Install the eight 3mm x 10mm Phillips head machine screws into the floats making sure the screws are tightening against the flat spots on the wires.

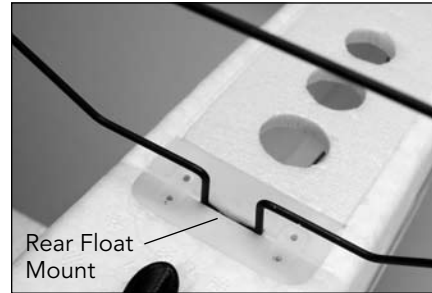


- Install 10 x 8 propeller included with the float kit\*. Do not use the 9 x 6 prop included with the airplane as there will not be enough power to successfully fly on floats.

\* When using the 10 x 8 propeller, it is essential that you allow approximately 10–15 minutes between flights in order to allow the 480 motor to properly cool. Failure to follow this warning will greatly reduce motor life.

## Installation

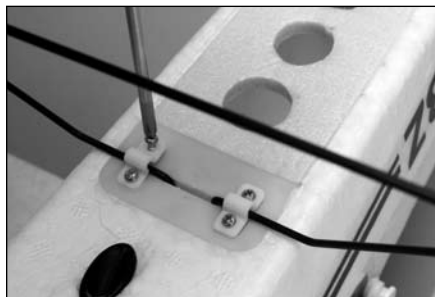
- Remove the landing gear and landing gear covers from your Super Cub.
- Insert the front landing (wider) gear wire of the floats into the front landing gear slot.
- Insert the rear landing gear wire into the rear float mount in the fuselage.



- The Super Cub LP (blue Super Cub with Li-polymer battery) comes with the rear float mount pre-installed in the fuselage. If you are attaching your Super Cub floats to an original red Super Cub (HBZ7100), a rear float mount will have to be installed into the fuselage. This is a separate part that has been included with this float set. Please see page 9 for installation instructions.

- Install the landing gear straps on the rear float mount with the included self-tapping screws.

**Note:** If installing the floats on the original red and white Super Cub (HBZ7100), refer to page 9 of this manual for installation of the rear float mount.



## Success Tips

**Prior to each flight, make sure ACT is off and never attempt to fly with the floats with ACT on.**

When flying with floats always take off and land into the wind. Do not fly off water when the wind is too high as the wind causes larger waves and makes the plane more likely to flip over.

Attempt your first float flight only if the water is calm with very little wind. When taxiing in the water always hold full up-elevator. When starting your takeoff or just after touchdown, hold up-elevator to prevent the floats from "digging" into the water and causing the plane to flip over.

On takeoff when the floats begin to ride on top of the water, or get "on step", reduce the up elevator input and allow the plane to build up speed before lifting off.

When flying off water there is usually a lot of room to fly, do not try to force the plane into the water. Let the airplane settle into the water when landing. If a float starts to "dig" into the water it will cause the airplane to veer to one side or the other. Reduce power immediately and abort the takeoff.

The floats add weight well below the airplane and cause a "pendulum" effect that will change the flying characteristics of the Super Cub.

## Success Tips (continued)

When finished flying off water check all components for water, if any water is in the airplane or around the battery cavity, dry with a paper towel.

Check for water inside the floats. The joint between the plastic bottom surface and the foam structure has been sealed, but if for some reason that seal has been broken, water could build up inside the float. This could cause serious weight gain and/or CG issues.

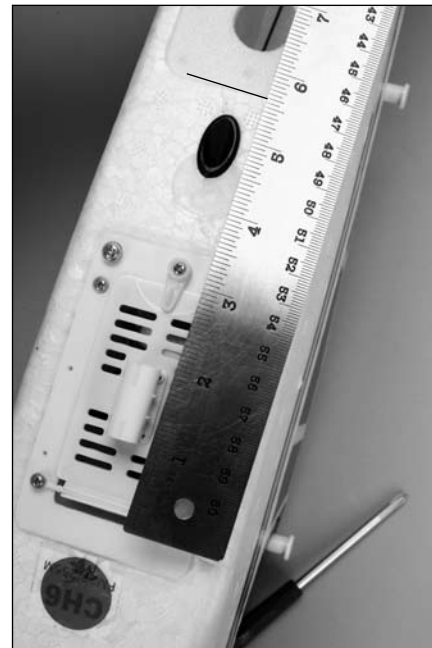
## Installing Floats on the Red and White Super Cub

If installing floats on your red and white Super Cub (HBZ7100), you will need to install the included rear float mount on the fuselage.

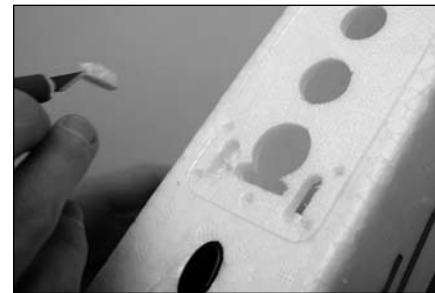
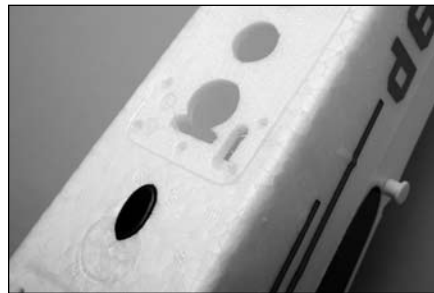
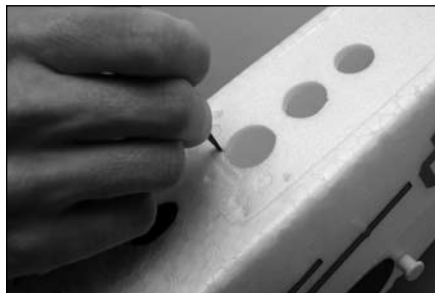
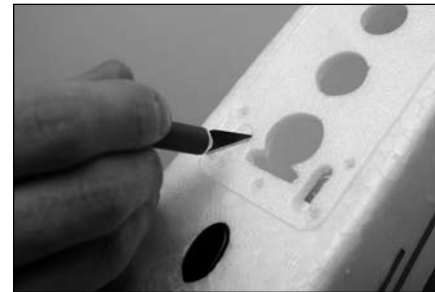
**Note:** We recommend you change the receiver unit in your red and white Super Cub to the receiver unit in the Super Cub LP. You will also need to use the 3S 11.1V Li-Po Battery (PKZ1033) The ESC auto cut in the original Super Cub has been set for Ni-MH cells and can cause permanent damage to a Li-Po battery pack if flown to the low-voltage cutoff point.

Measure back 5 3/4 inches from the rear of the slot for the original landing gear. Place the front edge of the rear float mount at this distance and press the rear mount into the fuselage of your Super Cub.

**Note:** The rounded corners will be facing forward.



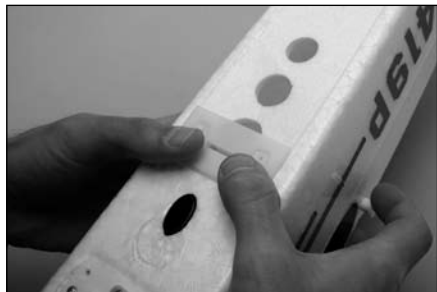
Press hard enough to leave marks in the foam on the fuselage to indicate what foam needs to be removed. Set the rear mount aside, then slowly cut away where the foam is compressed by the rear float mount until the mount is flush with the bottom of the fuselage.





Glue the rear float mount into the fuselage using epoxy, making sure not to get epoxy in the screw holes. Go to the assembly and installation section when done mounting the rear float mount into your Super Cub.

**Note: The rear float mount will rest on top of the foam and not be recessed into the bottom of the fuselage.**



## Warnings and Safety

- Do not fly off of water if you are uncomfortable flying the Super Cub on land. Only use the floats if you can fly the Super Cub without having any incidents and can take off and land smoothly and multiple times in a row.
- Do not fly in wind over 5–7 mph (8-11km/h) as wind will cause larger waves and make the plane more susceptible to flipping over.
- Always stay clear of the propeller.
- Always select wide open spaces.
- Always follow all aircraft instructions when using the floats.
- Always fly your aircraft responsibly.
- Stay away from boat wake as it may cause the airplane to flip or splash water into the airplane and on the electronics.
- Always check the bottom of the floats each time you pull the airplane out of the water to check if there is any damage from hitting submerged sticks or rocks. If water is found in a float, it needs to be carefully removed before the next flight.
- Never attempt to swim out to your airplane in the water. Use a boat, RC boat or fishing pole to retrieve your airplane. Also be aware that the airplane is still powered up when retrieving it.
- Never retrieve the airplane alone. Always have another person with you to assist in retrieval.
- If the motor of the airplane gets wet, do not power up to get the airplane back to the shore. It is possible to burn up the motor if it is run while wet.



## Warnings and Safety (continued)

- Always allows 10-15 minutes for the motor to cool between flights when flying with the 10 x 8 propeller. The Super Cub's 480 motor may be damaged if you don't follow this warning.

Prior to each flight, make sure ACT is off and never attempt to fly with the floats with ACT on.

## Warranty

The Super Cub Floats are guaranteed against any manufacturing defects at the time of production. There is no warranty of any kind from damage to either the aircraft or the floats itself due to hard landings or crashes. If you have any questions regarding your floats, please contact the Horizon Service Center at 1.877.504.0233

### Warranty Period

Exclusive Warranty- Horizon Hobby, Inc., (Horizon) warrants that the Products purchased (the "Product") will be free from defects in materials and workmanship at the date of purchase by the Purchaser.

### Limited Warranty

(a) This warranty is limited to the original Purchaser ("Purchaser") and is not transferable. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE

REMEDY OF THE PURCHASER. This warranty covers only those Products purchased from an authorized Horizon dealer. Third party transactions are not covered by this warranty. Proof of purchase is required for warranty claims. Further, Horizon reserves the right to change or modify this warranty without notice and disclaims all other warranties, express or implied.

(b) Limitations- HORIZON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCT. THE PURCHASER ACKNOWLEDGES THAT THEY ALONE HAVE DETERMINED THAT THE PRODUCT WILL SUITABLY MEET THE REQUIREMENTS OF THE PURCHASER'S INTENDED USE.

(c) Purchaser Remedy- Horizon's sole obligation hereunder shall be that Horizon will, at its option, (i) repair or (ii) replace, any Product determined by Horizon to be defective. In the event of a defect, these are the Purchaser's exclusive remedies. Horizon reserves the right to inspect any and all equipment involved in a warranty claim. Repair or replacement decisions are at the sole discretion of Horizon. This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of or to any part of the Product. This warranty does not cover damage due to improper installation, operation, maintenance, or attempted repair by anyone other than Horizon. Return of any goods by Purchaser must be approved in writing by Horizon before shipment.

### **Damage Limits**

HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCT, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, OR STRICT LIABILITY. Further, in no event shall the liability of Horizon exceed the individual price of the Product on which liability is asserted. As Horizon has no control over use, setup, final assembly, modification or misuse, no liability shall be assumed nor accepted for any resulting damage or injury. By the act of use, setup or assembly, the user accepts all resulting liability. If you as the Purchaser or user are not prepared to accept the liability associated with the use of this Product, you are advised to return this Product immediately in new and unused condition to the place of purchase.

Law: These Terms are governed by Illinois law (without regard to conflict of law principals).

### **Safety Precautions**

This is a sophisticated hobby Product and not a toy. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the Product or other property. This Product is not intended for use by children without direct adult supervision. The Product manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or injury.

### **Questions, Assistance, and Repairs**

Your local hobby store and/or place of purchase cannot provide warranty support or repair. Once assembly, setup or use of the Product has been started, you must contact Horizon directly. This will enable Horizon to better answer your questions and service you in the event that you may need any assistance. For questions or assistance, please direct your email to [productsupport@horizonhobby.com](mailto:productsupport@horizonhobby.com), or call 877.504.0233 toll free to speak to a service technician.

### **Inspection or Repairs**

If this Product needs to be inspected or repaired, please call for a Return Merchandise Authorization (RMA). Pack the Product securely using a shipping carton. Please note that original boxes may be included, but are not designed to withstand the rigors of shipping without additional protection. Ship via a carrier that provides tracking and insurance for lost or damaged parcels,

as Horizon is not responsible for merchandise until it arrives and is accepted at our facility. A Service Repair Request is available at [www.horizonhobby.com](http://www.horizonhobby.com) on the "Support" tab. If you do not have internet access, please include a letter with your complete name, street address, email address and phone number where you can be reached during business days, your RMA number, a list of the included items, method of payment for any non-warranty expenses and a brief summary of the problem. Your original sales receipt must also be included for warranty consideration. Be sure your name, address, and RMA number are clearly written on the outside of the shipping carton.

#### **Warranty Inspection and Repairs**

To receive warranty service, you must include your original sales receipt verifying the proof-of-purchase date. Provided warranty conditions have been met, your Product will be repaired or replaced free of charge. Repair or replacement decisions are at the sole discretion of Horizon Hobby.

#### **Non-Warranty Repairs**

Should your repair not be covered by warranty the repair will be completed and payment will be required without notification or estimate of the expense unless the expense exceeds 50% of the retail purchase cost. By submitting the item for repair you are agreeing to payment of the repair without notification. Repair estimates are available upon request. You must include this request with your repair. Non-warranty repair estimates will be billed a minimum of ½ hour of labor. In addition you will be billed for return freight. Please advise us of your

preferred method of payment. Horizon accepts money orders and cashiers checks, as well as Visa, MasterCard, American Express, and Discover cards. If you choose to pay by credit card, please include your credit card number and expiration date. Any repair left unpaid or unclaimed after 90 days will be considered abandoned and will be disposed of accordingly. Please note: non-warranty repair is only available on electronics and model engines.

#### **United States**

Electronics and engines requiring inspection or repair should be shipped to the following address:

Horizon Service Center  
4105 Fieldstone Road  
Champaign, Illinois 61822

All other Products requiring warranty inspection or repair should be shipped to the following address:

Horizon Product Support  
4105 Fieldstone Road  
Champaign, Illinois 61822

Please call 877-504-0233 or e-mail us at [productsupport@horizonhobby.com](mailto:productsupport@horizonhobby.com) with any questions or concerns regarding this product or warranty.

**United Kingdom**

Electronics and engines requiring inspection or repair should be shipped to the following address:

Horizon Hobby UK  
Units 1-4 Ployters Rd  
Staple Tye  
Harlow, Essex  
CM18 7NS  
United Kingdom

Please call +44 (0) 1279 641 097 or e-mail us at [sales@horizonhobby.co.uk](mailto:sales@horizonhobby.co.uk) with any questions or concerns regarding this product or warranty.

**Germany**

Electronics and engines requiring inspection or repair should be shipped to the following address:

Horizon Technischer Service  
Hamburger Strasse 10  
25335 Elmshorn  
Germany

Please call +49 4121 46199 66 or e-mail us at [service@horizonhobby.de](mailto:service@horizonhobby.de) with any questions or concerns regarding this product or warranty.