

# FLYING SCOT®

## Bow Air Bag Instructions

### Kit Includes

- Bow Air Bag
- Set Webbing Straps
- Flotation Tangs with Screws and Washers
- Wood Blocks with Fiberglass Patches

### Additional Material Required

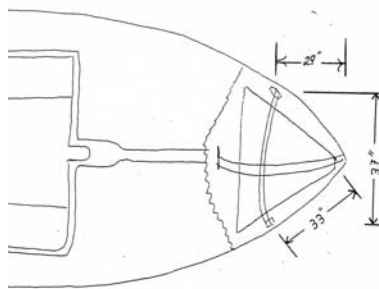
- Resin
- Gel Coat
- 3" disposable bristle paint brush
- Acetone
- Rags
- 80 Grit Sandpaper
- Hammer
- Cordless Drill w/ 1/8" bit
- Phillips Screwdriver
- Tape Measure

**Before Beginning Please Thoroughly Read Through All Instructions.**  
Please call us at 1-800-864-7208 with any questions.



### Wood Block Installation

1. In order to provide maximum lift, the bag should be secured to the floor of the boat just forward of the centerboard trunk. Use the sketch to locate the position for the wood blocks.



2. Lay the uninflated air bag in the bow to be sure the position of the blocks is correct.

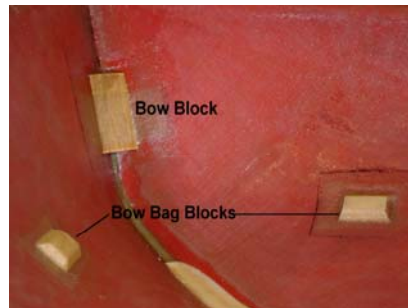
3. Sand the area that is to be below the blocks well.
4. Paint the sanded area of the hull where the blocks will be attached with the resin and then lay in the small mat patch

***Note:*** We recommend polyester resin with a small amount of gel coat mixed in to color the resin so that it more closely matches the surrounding area. Epoxy resin may be used in place of the polyester resin, however, epoxy resin may not wet out the mat patches as well.

5. Paint the wood block with the resin and press it onto the mat patch with enough pressure to squeeze a small amount of resin from under the block.
6. Lay the large mat and roving patch over the block with the roving on top and wet it out with the resin.

***Note:*** Be sure to work out any trapped air so that the glass fits tightly over the wood block. A 3" disposable bristle paint brush works well for wetting out the glass patches. Be sure to have some acetone on hand for clean up.

7. Allow to cure 24 hours

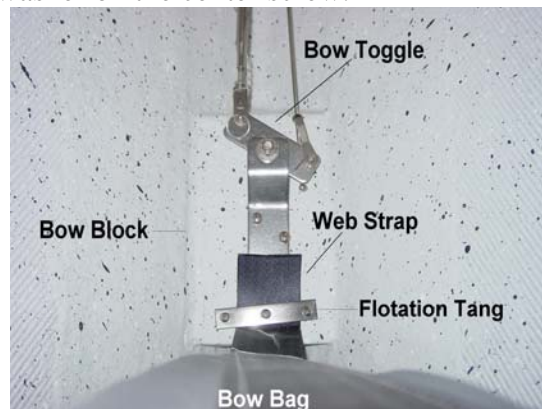


### **Web Strap Installation**

1. Check the entire area where the bag is to be installed and lightly sand any rough or sharp glass edges
2. Lay the uninflated bag into the bow and attach the forward flotation tang to the lower part of the bow block (the glassed in block where the jib and forestay toggle is attached) using a 9/64" drill bit

***Note:*** Be sure not to drill more than 3/4" deep. A hole drilled too deep can easily go through the bow and show on the outside.

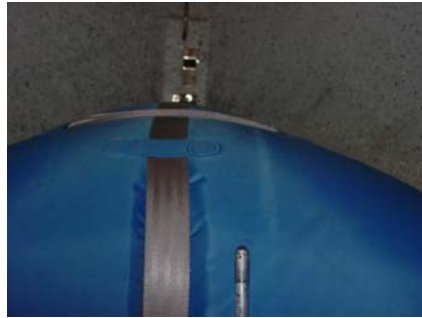
3. Screw the tang down using the washer on the center screw.



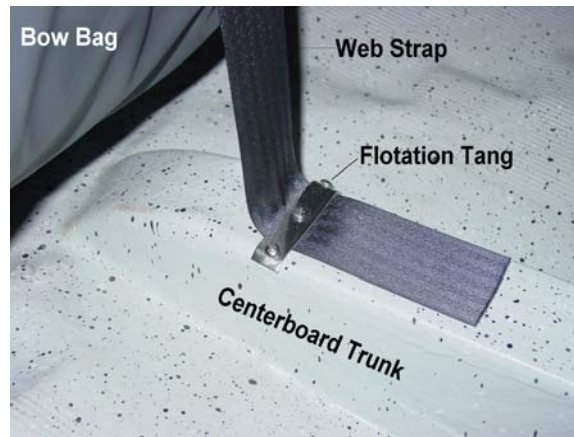
- Inflate the bag so that it is firm but not tight.

**Note:** *A foot pump, a hair dryer on cool, or a vacuum with the hose in the forced air position works well for inflating the bag.*

- Pull the fore and aft strap tight and check the length. When the bag is inflated, the strap should make a small depression in the bag.



- Mount the aft tang to the centerboard trunk.
- Mount the center screw first and then tap the tang to bend it to the shape of the trunk.
- Install the two outside screws.



- Mount the side to side strap to the glassed-in blocks in the same manner as the fore and aft strap.

**Note:** *Be sure not to drill more than 3/4" deep. A hole drilled too deep can easily go through the bow and show on the outside.*

