

**Sponsons:**

You can make the sponson cores in several different ways. My personal favorite (and among the strongest) is this:  
• Make a laminate of 20 mm thick Divinycell H60 foam material that is planked/laminated with 1.5 mm thick aircraft birch plywood on each side. Use PU glue to bond them together.  
• You can also use a 20 mm thick sheet of balsa wood and do the same type of laminate as above.  
• The total thickness of the sponson cores is not that critical really. If possible aim at a finished thickness around 23-25 mm.

**Tub Sides:**

You can make the tub side cores in several different ways. My personal favorite is this:  
• Make a laminate of 2 mm thick balsa that is planked/laminated with 1 mm thick aircraft birch plywood on each side. Use PU glue to bond them together. Use as hard balsa that you can find for the cores.

The sponsons should be parallel to the tub sides (NO toe-in on the fin)

70 mm (2.76") with 4 mm tub sides

Tub length: 682 mm (26.85") - Total length of the boat from transom to tip of sponsons: 765 mm (30.12")

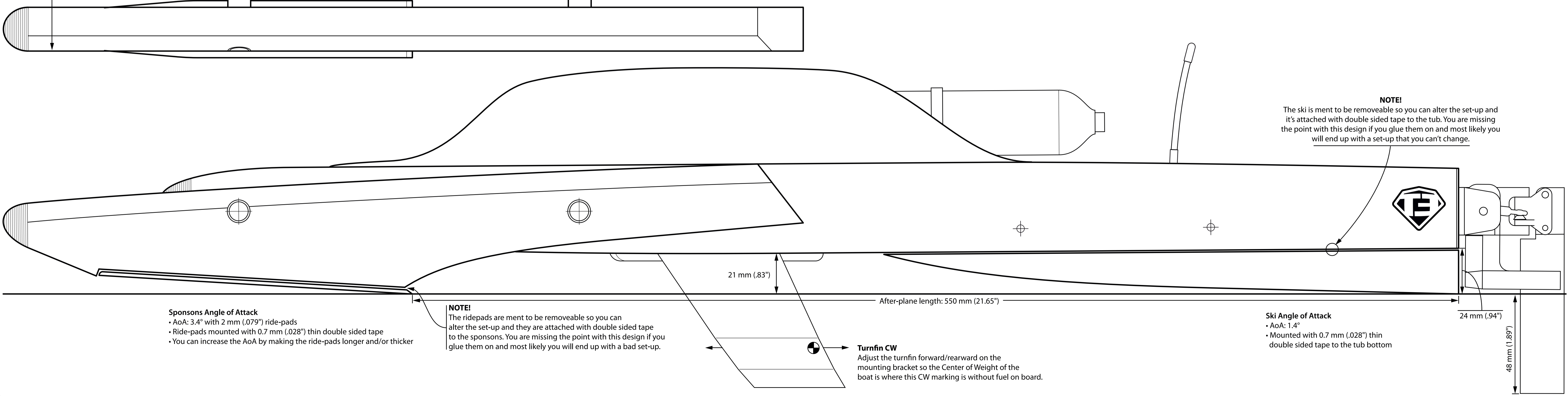
**Set Up Help:**

**If the boat is running too hard on the front sponsons:**

1. Adjust the strut/prop shaft so it's downward angle is less. It's perfectly ok to run the strut parallel to the water. In fact, if you can run it like that it will be the fastest set-up.
2. Raise the complete strut up by 1 mm at a time until you're satisfied with the ride.

**If the boat runs too light on the front sponsons (wants to fly):**

1. Lower the complete strut by 1 mm at a time (it should always be above the water level though).
2. Increase the downward angle of the strut/prop shaft.
3. Make the ski higher by attaching one more layer of double sided tape.
4. Make a new set of sponson ride pads that are thinner and/or a little bit shorter.  
Or use a thinner double sided tape to mount them on the sponsons.
5. If it's the right hand sponson that lifts - make sure you have the new V2 turn-fin on it.  
Most of the time the front of the turn-fin needs to be pushed down. Do that until it runs flat.



**NOTE!**  
The ski is ment to be removeable so you can alter the set-up and it's attached with double sided tape to the tub. You are missing the point with this design if you glue them on and most likely you will end up with a set-up that you can't change.

**Sponsons Angle of Attack**

- AoA: 3.4° with 2 mm (.079") ride-pads
- Ride-pads mounted with 0.7 mm (.028") thin double sided tape
- You can increase the AoA by making the ride-pads longer and/or thicker

**NOTE!**

The ridepads are ment to be removeable so you can alter the set-up and they are attached with double sided tape to the sponsons. You are missing the point with this design if you glue them on and most likely you will end up with a bad set-up.

**Turnfin CW**

Adjust the turnfin forward/rearward on the mounting bracket so the Center of Weight of the boat is where this CW marking is without fuel on board.

**Ski Angle of Attack**

- AoA: 1.4°
- Mounted with 0.7 mm (.028") thin double sided tape to the tub bottom

24 mm (.94")

48 mm (1.89")

Use a self adhesive plastic film to cover the radio room and bait box. The one we use are ment to cover books with.