

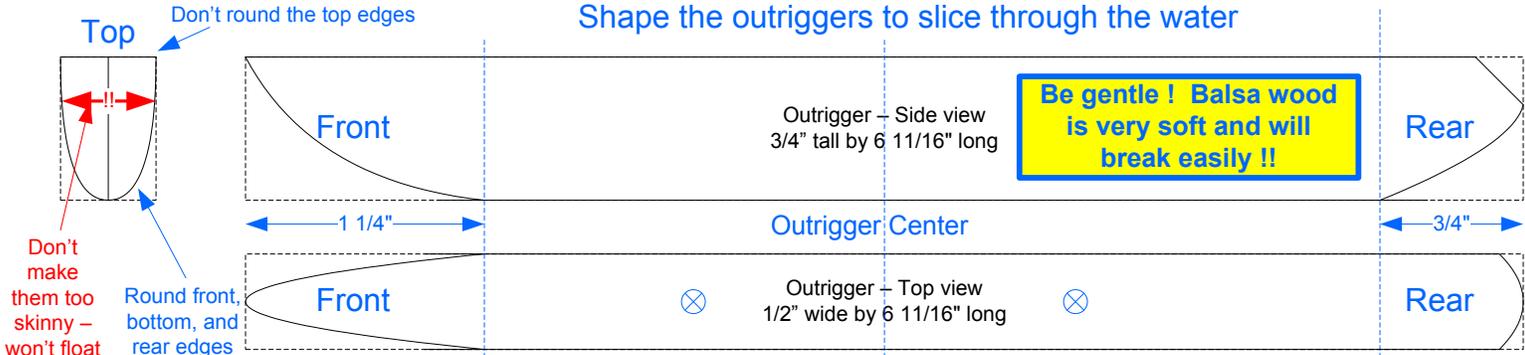
# Raingutter Regatta Rules and Tips/Hints Sheet

## Raingutter Regatta Rules

- Nothing may extend past front point or rear point of outriggers, so maximum total boat length is 6 3/4 inches
- Maximum boat hull width (not counting sail) is 3 3/8 inches – if you have parts sticking out from sides you will hit the gutter and go slow
- Must use all parts from kit (2 outriggers, trimaran hull, 4 screws, mast, and sail)
- No motors or other power sources allowed, boats must run on Scout wind power only
- Mast must not be shortened and sail size must not be increased
- **NEW RULE:** Sails cannot be creased, folded or wrapped around boat mast - must use two holes in sail and main sail between holes must not touch front of mast. See below for best "legal" sail configuration.
- **NO WATER-BASED PAINT MAY BE USED – DUH !!**
- Otherwise no restrictions on weight (remember, heavier is slower) or embellishments/decorations



## Step 1: Shape the outriggers using sandpaper (or nail file)



## Step 2: Assemble boat per instructions



## Step 3: Paint your boat (with sail removed)

Spray paint looks the best and is easiest to do, but you can also paint with a brush if you don't have spray paint. The trick to a smooth finish is to use a SANDABLE primer first - I get mine from Home Depot - Rustoleum Painter's Touch Ultra Cover Primer (white) for about \$3 or even drywall primer paint like Kilz. You can lightly sand the 1st coat before applying the 2nd coat of primer and then lightly sand it again before the color coat of spray paint. My favorite finish spray paint is Krylon gloss spray paint which is cheapest at Walmart (around \$3).

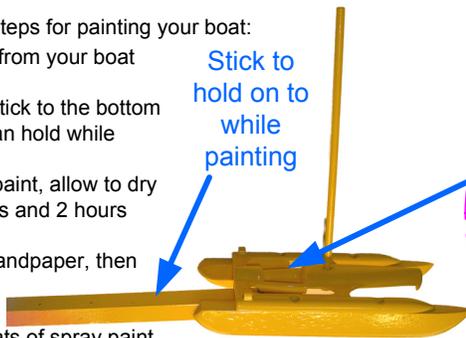
**Remember: NO water-based paints allowed !!**

If you apply more than one finish color or a clear gloss coat, sometimes it will wrinkle the paint. I usually stay away from the clear gloss coats for this reason, and when you apply colors make sure they hit primer and not an underlying color. You can use masking tape to mask off the areas for the different finish colors (e.g. like a stripe down the middle, etc.).

Here are the recommended steps for painting your boat:

1. Wipe off any sanding dust from your boat with a tack cloth.
2. Using tape, attach an old stick to the bottom of your boat which you can hold while painting.
3. Apply two coats of primer paint, allow to dry 30 minutes between coats and 2 hours after the 2nd coat.
4. Sand lightly with 320 grit sandpaper, then vacuum and/or wipe off dust with a tack cloth.
5. Apply two or more light coats of spray paint of your choice.

Stick to hold on to while painting



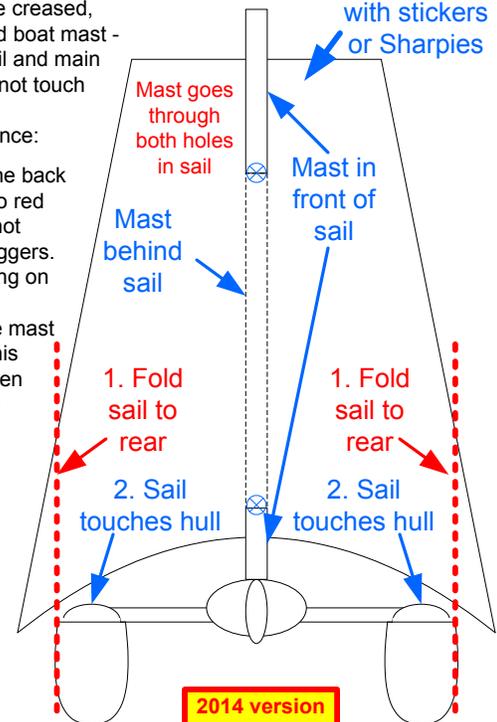
## Step 4: Tune and decorate your sail

New rule: Sails cannot be creased, folded or wrapped around boat mast - must use two holes in sail and main sail between holes must not touch front of mast.

For best (legal) performance:

1. Fold the sail (toward the back of boat) along the two red lines so that it does not extend past the outriggers. This prevents dragging on the gutter sides.
2. Push the sail down the mast as far as it will go. This minimizes tipping when you blow during race

Decorate sail with stickers or Sharpies



## Step 5: Add a super cool captain

