

Pack 207 Raingutter Regatta Guidelines

What is the Raingutter Regatta? The boys form a pre-shaped block of balsawood into a boat, decorate it, and race it. The boats are placed in a raingutter filled with water and the boys blow air into the sail of their boat to make it float.



Raingutter Regatta Boat Specifications (these five supplied kit parts must be used):

1. Hull (the boat body): 6" to 7" long
2. Mast (the stick): 5 ½" to 6 ½" from the top of the hull to the top of the mast
3. Keel: Supplied in kit
4. Rudder: Supplied in kit
5. Sail: Supplied in kit

The actual "race" will be divided into age categories: Tiger, Wolf, Bear, Webelos 1, and Webelos 2. Each age group will race among themselves. The winners of each age group will then race each other to determine the overall winner.

The race will involve two lanes of "raingutters". The boys blow air on the boats in order to advance them through the water. Hands are only to be used to upright a turned over boat – they are not to be used to advance the boat. In addition, boys should not use their face, lips, hats, nose or other body parts to move the boat – just the air in their lungs! If a boat is advanced without the scout's lungpower, the race will be started over or forfeited.

The regatta boat kit will be supplied by the pack. The boat kit includes a pre-shaped balsawood hull, mast, metal keel, rudder, and plastic sail. These five items must be used. The hulls cannot be cut, but it can have balance weight added to it, be sanded, shaped, colorfully painted, or decorated with decal kits or markers. Glue, tape, balance weight, paint, and decorations are the only things that can be added to the boat (besides what is included in the boat kit). A balanced boat tends to work better.

Additional Notes:

- Use glue or tape on the sail to keep it from turning. If the sail turns the boat will not float as well.
- Use "Krylon" spray paint -- it dries fast on the balsawood hulls.
- The sail cannot be made larger, but can be cut down.
- **The hull cannot be cut in half. No Regatta Catamaran Designs.**
- The boat should look similar to the picture shown in the instruction sheet.
- Please have the boys test their boats in the bath or sink to make sure it floats. If it doesn't float you can add a washer or weight to help balance it. A balanced boat works better. Too heavy of a boat will not float as well.
- If the rudder hangs too low, it could drag on the bottom of the gutter so you might want to double check the position. Don't let it hang too low.
- Call Steve Rose or your Den Leader if you need help.

Have fun!

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