



## Raingutter Regatta Rules

The Raingutter Regatta is similar to the pinewood Derby except that the models are miniature sail boats. Although the seas are only 10-foot lengths of raingutter filled with water, and the ships a mere 7 inches long, the race is a very exciting event. Each

boy will build his own boat with supervision and help from parents and leaders. He also provides the wind for the sail with his own lung power.

The regatta boat kit, available from the BSA Scout Shop, has a pre-shaped balsa hull, metal keel and plastic sail. The hulls are sanded and shaped, and are colorfully painted. Hull and sail are then decorated with decal kits (also available at the Scout Shop). The boats race in pairs on raingutter courses propelled by the boys blowing into the sails with a drink straw. The raingutters are 10 foot lengths of standard aluminum raingutters that are filled with water!

### Construction Rules:

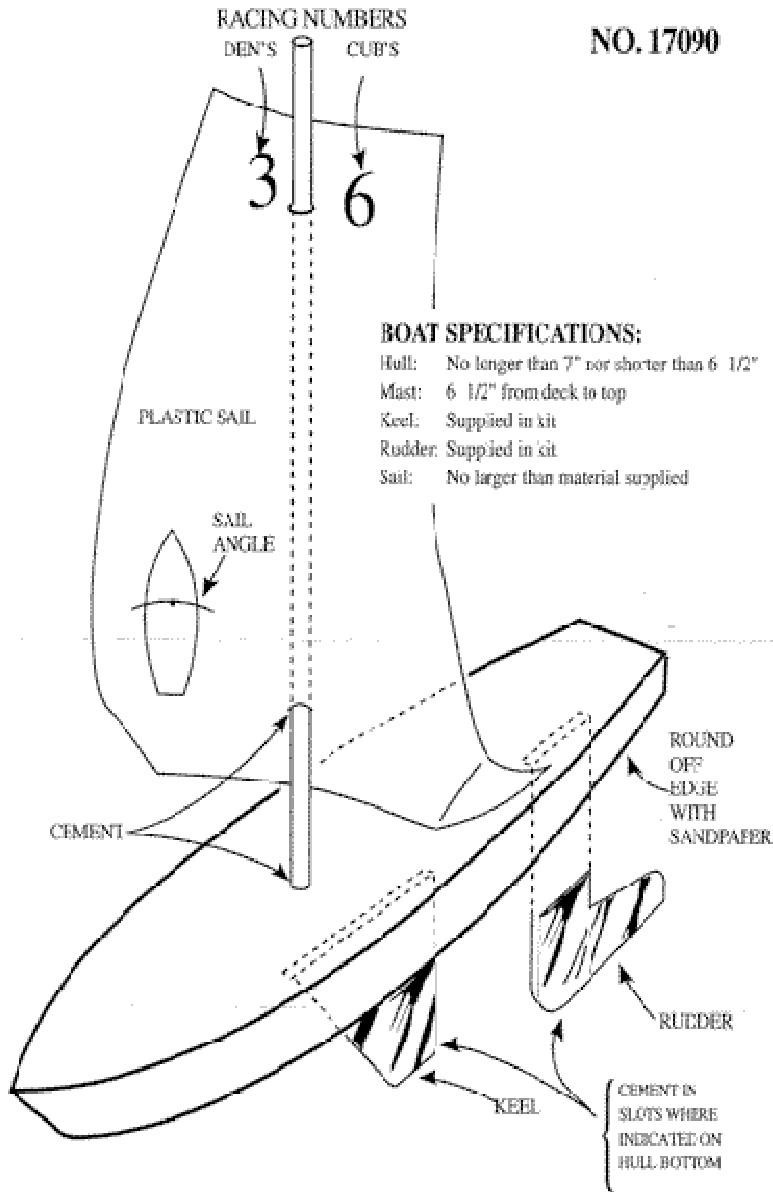
- Use materials from your BSA Raingutter Regatta kit.
- Materials from the BSA kit may be modified, however, other sail, keel and rudder material may not be used.
- Maximum boat length is 7 inches.
- Minimum boat length is 6 inches.
- Mast height: no higher than 6 ½ from desk to top.
- **Catamaran and Hydroplane conversions are allowed, as long as modifications are made from original BSA kit materials.**
- Attach all parts, accessories and decals securely to the boat.
- Waxing boat bottom is authorized.
- There will be no min/max weight limit, however, heavier is not better (opposite from Pinewood Derby rules).
- “Cup” type sail modifications are allowed, but the original sail material must be used to make the cup sail.

### Race Day Rules:

- Cub Scouts must register their boats with the Port Authority.
- All boats will be secured in the dock area after registration. Boats may not be touched or modified upon entering dry dock.
- Racers may not touch any part of the boat or water during the race, unless it is to right a capsized boat.
- Have Fun!

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## THE "NEW" CUB SCOUT REGATTA™

\* This is a depiction of the unmodified or standard hydroplow BSA raingutter regatta boat.