



Official Rules and Regulations for the 2007 Chattahoochee District Pinewood Derby.

“Aloha Derby”

Race day is February 24, 2007

**Check-in begins at 9:00 am.
Racing starts at 10:00 am.**

Races will be run in heats of 12 cars. Heats will be assigned as scouts register and check-in.

Heats will run at 15 minute intervals and your car will be assigned a race time at registration.

Facilities provided by North Atlanta Church of Christ, 5676 Roberts Drive

Most Important Rule: DO YOUR BEST!

RACE RULES

- Width not to exceed 2 ¾”
- Length not to exceed 7”
- Height not to exceed 6”
- Weight not to exceed 5.0 ounces at race time. (At the race an Ohaus Scout Pro 2001 scale read to the hundredths will be the official scale)
- At least 3/8” clearance under the car.

- At least 1¾” between the wheels (measured at the tread, not the hub), so it fits over the guide bar.
- With the car sitting on a table, the leading edge of the car must be centered and no more than 1" above the table so the car will rest against the starting peg.
- Only official BSA wheels and axles may be used.
- The profile of the wheels can be modified, but only official BSA wheels may be used.
- No bearings, washers, bushings, or springs.

- No liquid or loose parts (other than the wheels). Only dry powdered lubricant will be used.
- The car must be totally freewheeling and propelled solely by gravity.
- You do not have to use the original axle slots cut into the body, but the car and wheels must meet the size restrictions.
- The core body of the car must be wood, but additional details or parts made of other materials can be added to the cars. All cars must pass inspection on race day in order to race in the scout divisions.
- Participants are responsible for providing any tools or materials to make any adjustments before or during the race. Cars with wet paint will not be accepted at registration or after repairs.

- Each car will race the same number of times down different lanes with the slowest time discarded.
- The cars will be ranked by the fastest average speed so the speed trophies will not depend on which heat the car races.
- A race will be voided and rerun if a car leaves its lane and interferes with another car. A car may be disqualified for multiple infractions at the discretion of the judges.
- Damaged cars may be repaired by the owner but will be re-inspected.
- Any disputes will be resolved by the Race Officials.

CONSTRUCTION RULES (except for Unlimited cars)

- Cars for the Tiger, Cub, and Webelos classes must be made from an official Boy Scouts of America Pinewood Derby Car kit.
- All cars must be made in the current scout year and cannot have run in previous Chattahoochee district races.

FIVE RACER DIVISIONS

The racers will be grouped into the following divisions.

- Tiger (first grade)
- Cubs (Wolf & Bear, second & third grade)
- Webelos Class – (fourth and fifth grade)
- Akela Class - Cars which comply with the construction rules but were built by adults, siblings, Boy Scouts, or cars from previous years.
- Unlimited Class – “No rules” cars or cars that exceed the design constraints.
- Cub Scouts’ cars made this year will still be considered for design awards even if they don’t meet the criteria for racing. (ie design only cars).
- Only cars from this season are eligible for the first three divisions. Older cars may participate in the Akela or Unlimited Divisions.

AWARDS

- The three fastest cars in the Tiger, Cub, Webelos and Akela division (not heat) will earn a trophy. Speed winners will be determined by the average time as calculated by GrandPrix Race Manager.
- The results of all the heats will be combined to determine the speed winners.
- There will also be three design awards for the Tiger, Cub and Webelos Divisions
 - Best Scouting theme
 - Best surfing theme
 - Most Creative
- All Scouts’ cars built this season will be considered in the design competition.
- Participants do not have to declare a design category.
- Speed winners are not eligible for design awards.
- Designs will be judged at 11:00 am with the design awards presented immediately after the speed awards.
- Designs will be evaluated by a panel of impartial judges.

PACK CHAMPIONSHIP TROPHY

- The Pack earning the most points will win the Pack Championship Trophy.
- The five fastest cars in each class will earn 3 points.
- Cars placing 6-10 in each class will earn 2 points.
- Cars placing 11-15 in each class will earn 1 point.
- Five points for each design award.
- Tie breakers
 - 1) Pack with the most entries
 - 2) Pack with the fastest car (excludes Akela and Unlimited Divisions).

REGISTRATION

- Registration starts NOW and closes at noon on race day.
- Racers will receive their car number at the race.
- The cars will be inspected and registered into the appropriate class. **We encourage participants to have a nickname for their car.**
- Cars can be modified until they pass inspection.
- Cars will be impounded once they pass inspection. Cars cannot be modified once they have been impounded.
- **Pre-Register your car at www.pack8750.com/pwd**

The pinewood derby is for the scouts and all attempts will be made to honor the spirit of scouting. Decisions of the Cubmaster of the hosting pack will be the final decision and we ask for your assistance with this policy.