

# PACK 123 PINWOOD DERBY INFORMATION

DATE: March 20, 2010

PLACE: St. Pius

TIME: 10:00 am (registration)

RACE FORMAT: Randomized Multi-Lane Aggregate Time

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- 1) Each car must pass inspection by the official inspection committee before it may compete. If, at registration, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official weigh-in time period to make the adjustment. Otherwise, the car may be allowed to race but not qualify for any speed awards.
- 2) Do not cover up the axle grooves on the bottom of the car. This will prevent inspection of the axles and disqualify the car for any speed awards.
- 3) The inspectors have the right to disqualify those cars that do not meet these specifications and for any other reason that constitutes foul play.
- 4) All cars must have been made during the current scouting year from the official Cub Scout derby kit.
- 5) Only official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted.
- 6) Wheel bearings, washers, and bushings are prohibited.
- 7) The car shall not ride on springs.
- 8) Only dry lubricant is permitted.
- 9) Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width and weight specifications.
- 10) The car must be free-wheeling, with no starting devices.
- 11) Body Specifications:
  - **Width.** The overall width of the car shall not exceed 2 ¾ inches.
  - **Length.** The overall length of the car shall not exceed 7 inches.
  - **Weight.** The weight of the car shall not exceed (5 ounces / 141.5 grams). No loose materials of any kind are permitted in or on the car. The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provided any such additional material is securely built into the body. Weight should be screwed, or glued on. They cannot be taped on.
  - **Details.** Details such as the steering wheel, driver, decals, painting and interior detail are permissible as long as these details do not exceed the maximum length, width and weight specifications.
  - **Wheel Clearance.** The clearance between the wheels must be 1-¾ inches.
  - **Track Clearance.** The car must have 1/4-inch clearance under the car.