

Emmanuel Baptist Church Pine Wood Derby Rules 2013

Body:

The main body of the structure must be made of wood. Cars must not be purchased completed, they must be made. Cars must be tuned or aligned by the racer, adult supervision is encouraged.

Car Specs:

- A. Width - Not to exceed 2 ¾ inches
- B. Length - Not to exceed 7 inches
- C. Weight - Not to exceed 5.0 ounces
- D. Height - Not to exceed 3 inches
- E. Bottom Clearance - No less than 3/8 inches from track surface.
- F. Wheelbase - All cars must have a wheel base no less than 4 inches, with the two rear wheels being positioned directly across the body from one another and the two front wheels being positioned directly across the body from one another.

The Following Items Are PROHIBITED:

- A. Springs
- B. Starting devices or propellants
- C. Electronic or lighting devices that interfere with the race electronics
- D. Liquids, wet paint, oil, sticky substance, or powders of any kind (except axle lubricant)
- E. Glass or excessively fragile parts
- F. Magnets
- G. Loose objects on the car
- H. No part of any car, or attachment to any car, that is metal, pointed, sharp, or jagged may be capable of contacting any part of the track.
- I. Bearings, bushings, washers, sleeves, hubcaps, or inserts attached to or in contact with the axle, body or wheels.

Weights:

The drilling/removing of Lead(Pb) will not be allowed at the race venues or at check-in time due to the toxicity of the material. All Lead(Pb) must be completely sealed and safe from all possible contact with the youth. PLEASE avoid Lead(Pb) in cars.

Repairs:

Any car losing wheels or any part that prevents it from running cannot be repaired after the inspection and weigh in. EXCEPTION: Race officials may authorize repairs when damage is caused by collision with another vehicle or object. The youth is in charge of making all car repairs. Guidance is allowed and encouraged. Repairs will be done before the next heat that the car is in.

Behavior:

GOOD SPORTSMANSHIP AND BEHAVIOR IS EXPECTED. Race Officials may ask anyone not following this rule to leave.

Inspection:

Each car must pass inspection by the Official Inspection Committee before it may compete. The Inspectors will disqualify any car not meeting these rules. After acceptance, only race officials will handle cars.