



PINEWOOD RALLY 2023

Individual Contributor Rules

There are two entry classes – please adhere to the rules for the class that you have entered.

The PRO Class rules are more stringent than the Open Class.

Every car will be entered into the People’s Choice Awards.

The 2023 Pinewood Rally will be held at on Monday, October 16, 2023 at 5:45 PM following the Exhibitor Reception at the ACEC National Conference held at the J.W. Marriott Austin, Texas.

Anyone who is “PAC Eligible” may enter. Team entries are permitted, but entry fees must be from an eligible person or entity. No corporate contributions are permitted.

Trophies will be awarded for first, second, and third place in each class, as well as People’s Choice Awards of “Most Likely to Win”, “Most Original Concept”, and “Best Firm Branding.”

Voting will begin on People’s Choice Awards on Sunday, October 15, at 12 PM (following the Board of Directors meeting) at the ACEC/PAC booth; cars should be presented at the booth prior to the opening of the polls.

Late entries are permitted but must be checked in by 3:00 p.m. on Monday in order to race.

OPEN CLASS RULES

All cars must pass inspection to qualify for the open class division.

Body:

1. The main body structure must be made from wood.
2. Measurements:
 - a. The width of the car may not exceed 2 ¾ inches.
 - b. The wheelbase must clear the ground by at least 3/8 inch.
3. The body design may be enhanced by adding other stable materials. All additions must be firmly attached and conform to size specifications.
4. The following items are PROHIBITED:
 - a. Springs
 - b. Starting devices or propellants
 - c. Electronic or lighting devices
 - d. Liquids, wet paint, oil, sticky substances, or powders other than axle lubrication
 - e. Glass or excessively fragile parts
 - f. Wheel bearings

Axles:

1. Only dry lubricants may be used. Wet, oily, or greasy axles are not allowed.
2. Axles must not be connected to any device that mechanically alters rotation and spin.

During the racing event, cars can only be handled by a race official or by the person to whom they belong and only after obtaining permission from an official.

Cars that require repair or modification after check-in must be re-qualified by an official.

If a car leaves its lane, provided it was not caused by a track problem, and interferes with another racer, the car at fault will be declared to have lost the race.

Decisions of race officials are final.

PRO CLASS RULES

All cars must pass inspection to qualify for the PRO class division.

Body (Total Car Dimensions):

1. The main body structure must be made from wood.
2. Measurements:
 - a. Wheel Base : Any as long as wheels do not exceed the 7" total length requirement
 - b. Total Car Height : Not to exceed 3" inches
 - c. Total Car Length : Not to exceed 7" inches
 - d. Total Car Width : Not to exceed 2-3/4" inches
 - e. Total Car Weight : Not to exceed 5.0 ounces (+.04) or 143 grams even measured on 1/10th digital scale
 - f. Wheels must clear the rail height and width:
 - i. Track Center Rail Height : 1/4" inch (7mm)
 - ii. Track Center Rail Width : 1 5/8" inches (4.2 cm)
3. The following items are PROHIBITED:
 - a. Springs
 - b. Starting devices or propellants
 - c. Electronic or lighting devices
 - d. Liquids, wet paint, oil, sticky substances, or powders other than axle lubrication
 - e. Glass or excessively fragile parts
 - f. Wheel bearings

Axles:

1. 4 Axles & Wheels must be installed to the side of the car body directly across from one another / No more than a 45 degree angle. Rear wheels cannot be reversed.
2. Minimum diameter .084
3. Axles must have a nail head

Wheels:

1. May be BSA, Maximum Velocity, Awana, Pinecar
2. May be CnCed, lathed, polished and/or sanded to true the edge of tread, surface and circumference
3. The tread / contact surface must remain flat and parallel to the bore as humanly possible
4. No Angling, Reshaping, Canting, Round Crowning, Tapering, H-ing, V-ing, Dishing, the outside of the wheels and/or tread surface
5. Lettering must remain visible on the inside and outside of the wheel. In the case of a wheel that has no lettering on the outside the original shape must remain. A wheel cannot be machined flat on the outside sidewall.
6. Wheel covers may be used only if entire wheel is visible
7. 7.50mm Minimum Tread Width
8. Wheels have no weight restriction as long as they meet the above requirements.

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