

Pack 98 Invitational Pinewood Derby 2012

Crossroads North

Registration: January 27, 2012

7:45 to 9:00 pm

Race Day: January 28, 2012

12:30PM after Pack 98 Championship Races



Snack Bar will be OPEN on Race Day 9AM until races are completed.

Race Format: Pack 98 proudly presents the third annual Out-Law Invitational Pinewood Derby. This gives Boy Scouts and Adults the chance to try out all of those illegal speed tricks that you always wanted to use, but the Cub Scout PWD rules did not permit.

Depending on the number of entrants we will run Scout races and Adult/Leader races. If low participation we will combine these races. Entrants for Scouts and Adults will be an open class pinewood derby car. All the vehicles will be raced against each other and will be scored in a single class. Each entrant will run once in each of the six lanes of our track. These qualifying heats will be randomly generated based on the number of entries. Vehicles may or may not run in consecutive heats. Efforts to race as many of the other vehicles are made so each entrant has a potential of racing vs 30 other vehicles so it is very likely they will get to compete against most, if not all, of their friends. When there are less than 31 vehicles they WILL race all the other vehicles in that group, some of them more than once.

Scoring of the races will be based solely on time. When 2 or more vehicles do not pass the finish line, they are scored in order from closest to the finish line. A Trophy is awarded to the winner of the Adult group and Scout group.

Pack 98 Rules for the 2012 Out-Law Invitational Pinewood Derby

Please take a few moments to review the rules. Even Out-laws must follow a few rules. Scouting encourages good sportsmanship. Unsportsmanlike conduct by a scout or a leader will be cause for disqualification. Scouts/Adults must be present during their respective rank race!

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| Participation: | The 2012 Invitational Pinewood Derby is open to all Scouts from Troops 10, 90, 100 & 888. Adult leaders and parents are invited to build vehicles. Car builders/owners must be present on race day! The cost to enter is \$10 which includes a car kit and covers the cost for the winning trophies. All outlaw cars must be registered on registration night. |
| Inspection: | Cars will be inspected during registration for compliance to all specifications (see below). If a car fails inspection, the owner will be told the reason for failure, and will be given time within the official registration period to make adjustments. |
| Impound: | Cars will be impounded after passing registration. After being impounded, repairs will be limited to the replacement of axles/wheels that are broken/lost during the race. After impound, only race officials will handle cars. |
| Car Specs | |
| Body: | A Beta Craft kit is provided, however, any body materials or kit may be used. Any additions to the body such as a steering wheel, drivers, paint and decals must be attached firmly. No wet or freshly painted cars at registration please. No part of the car body may protrude past the starting gate. Only cars constructed this year will be raced. |
| Width: | Width may not exceed 2 3/4 inches. (To fit on track and not obstruct cars in the next lane) |
| Length: | Overall length of car including wheels and any additions may not exceed 7 inches. (To fit in the starting blocks) |
| Height: | Overall height may not exceed 5 inches. (To fit under the scoring finish line) |
| Clearance: | At least 3/8 inches from the surface. (To clear the track center guide rail) Weights added to the bottom of the cars that reduce clearance to less than 3/8 inches will need to be removed in order to race. |
| Wheelbase: | The wheelbase may be extended, but overall car length may not exceed 7 inches. |
| Wheels & Axles: | Any wheels and axles may be used. Aftermarket wheels/axles are permitted however, NO liquid lubrication is permitted to protect the track. |
| Weight: | The weight of the finished car must not exceed five (5.00) ounces [141.75 g] as measured on the official scales. |
| Misc: | Cars must gravity powered only. It must free wheel with no stored energy or movable weights. |
| Test Track: | There will be a test track for use at registration. Cars can be run on our test track one time. If they don't cross the finish line they can be rerun after adjustments are made until they do cross the finish line. |
| Car Numbers: | Numbers are assigned at check in. The cars number will be placed on the rear of the car to designate the back of the car. |
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