

## Pack 467 Pinewood Derby Rules Addendum (2019)

### **GENERAL:**

1. The Pack 467 Pinewood Derby including the Adult Derby and Sibling Derby will be hosted by New Milford Cub Scout Pack 467.
2. Derby Participation
  - a. In addition to Cub Scouts, we will include a siblings' division
  - b. The Adult Derby will be limited to the adults assisting in track setup the night before
3. The cost of the derby, \$5, is determined by the Pack Committee based on financial status each year.
4. The Cubmaster will approve the derby committee and race chairman.
5. The following times are defined for each of the 2019 Derby:
  - a. Adult Derby: Friday night, starting at 7:00 PM and concluding when track and software are fully functional.
  - b. Pack 467 Derby: Saturday Jan. 19, starting at 10:00 AM.
6. The location for the 2019 Derby will be at John Pettibone Community Center Cafeteria.
7. The Pack uses an approved BSA Pinewood Derby track as specified in the National BSA track guidelines.
8. Race rules will be distributed at least 1 month prior to the race.
9. The owner of the car, in these guidelines, is defined as the Cub Scout that built and is entering the Pinewood Derby race car in this race.
10. Each Scout will be allowed to enter only one car in the Pinewood Derby. The car cannot be used in any other division such as the parent derby or sibling division.
11. The Pack plans to offer the top three placing cars in each rank to participate in the North West Hills District race where top performing cars from multiple local packs will be participating. The rules for the District race are the base for the rules we are using for our Pack race, but are always subject to change.
  - a. The car that will be used in the District race must be the same one used in the Pack race.
12. All cars must be constructed this year; no cars that raced last year will be permitted this year.
13. These are the official Pack 467 Rules. We aim to make our rules agree with both District and National rules for racing and car construction. In any case of disagreement or question, the priority of rules is as follows
  - a. 1 – Pack Rules
  - b. 2 – District Rules

### c. 3 – National Rules

Pinewood Derby race cars that do not meet the requirements outlined in these rules will not be eligible to race in the Pack 467 Pinewood Derby Race regardless of whether or not they meet the requirements of the District, National or other Derby rules.

#### 14. Car Dimensions

a. In addition to the existing dimensions, the width of the center wood guide is 1 and 5/8 inches wide. Inner tire edge to inner tire edge must be at least this wide for the car to follow the track.

b. Car height should be limited to less than 3x the height of the original block of wood. This will allow the cars adequate clearance below the timing gate at the end of the track.

c. The rules for the wheel base of the car are defined in the district rules (see section 3-3).

15. Precut blocks are not allowed. Pre-polished wheels and axles are also not allowed. Using these parts will result in disqualification.

#### **DIVISIONS:**

1. The Pack 467 Pinewood derby will be run at both a den and pack level.

2. Each Pinewood Derby race car will be run and timed in each of the lanes of the race track. This will prevent any unfair advantages due to particular lane conditions.

a. For example, if the track has four lanes, each car will run in four races (one in each lane), if the track has six lanes then each car will run in six races, etc.

b. Pack 467's current track has four lanes

3. The cars will be ranked in order of Total Cumulative Time (i.e. the total combined time of each run in each lane).

4. The 1st, 2nd and 3rd place winners of each den will be awarded to the cars with the 1st, 2nd and 3rd lowest total cumulative times.

5. Top three finishers from each den will receive a trophy.

6. All Scouts participating in the Derby will receive some sort of award, patch or certificate.

7. The top 3 cars in each den will race in a King-Of-The-Hill final for the Pack Championship. The top 3 cars in this race will receive a trophy.