



2017 Cassia District Pinewood Derby

Date: April 7, 2017

Place: Burley LDS Stake Center– Normal Ave

Time: WEIGH IN is from 6pm to 6:50pm and the RACE starts at 7 pm

Participation:

All 1st, 2nd, and 3rd place Den winners from each Cassia District Pack: Tiger Cubs, Wolves, Bears, and Webelos. If one of your Scouts tied for 1st, 2nd, or 3rd place, that Scout may participate in the Derby.

Inspections:

Cars will be inspected during registration for compliance to the specifications set forth on back.

Car Impound:

All cars will be impounded upon successful completion of inspection. Car may not be adjusted or lubricated once it has passed inspection and has been impounded.

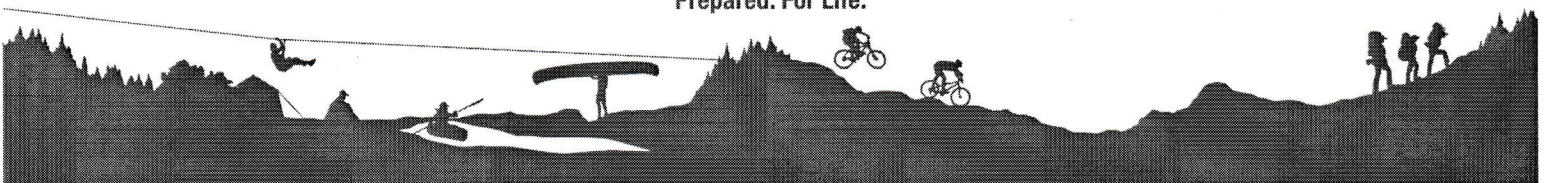
Conduct:

Cars will be disqualified if the Scout or his parents/guardians displays unsportsmanlike conduct.

All Cars need to be **BUILT AND RACED** in same 2017 race season

Cassia District Rules On Back

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CAR SPECIFICATIONS AND LIMITATIONS

- BODY:** The body for the car must be made out of wood. The body may be shaped, hollowed out, or built up from the kit as long as it meets all other specifications. Pre-cut bodies such as those provided by Pinecar and others, may be used as long as all other specifications are met.
- ADD-ONS:** Additions to the original body, ie. steering wheels, decals, paint, weights, etc. must be firmly attached. No glass may be attached to car.
- WIDTH:** No part of the car, including wheels or add-ons may exceed 2 3/4 inches.
- LENGTH:** No part of the car, including wheels or add-ons may exceed 7 inches.
- HEIGHT:** No part of the car, including wheels or add-ons may exceed 3 inches and must pass underneath the timer assembly.
- CLEARANCES:** Bottom clearance must be 3/8 inches and 1 3/4 inches between wheels to straddle track center guide rails. Physical dimensions of width, length, height, and clearances will be measured with a Go/No Go Box. Weights attached to the underside of the car should be recessed into the body to avoid getting hung up on the braking system of the track.
- WEIGHT:** Entire car, including add-ons shall not exceed 5.0 ounces.
- WHEELBASE:** No wheelbase limitation. Overall length must be followed.
- WHEELS:** Car must have 4 wheels mounted to the body via the axles. Official BSA wheels must be used. Lightened wheels are NOT allowed. Wheels may NOT be reshaped. The tread fluting, raised lettering, inside and out, and other markings must remain intact and visible.
- Rounding, grooving, H-cutting, V-cutting, or narrowing of tread surface is NOT allowed.
- AXLES:** Axles must be as those furnished in the Official BSA Kit. Axles may be filed and polished to remove crimp marks and burrs. Axles must be attached directly to the wood body of the car.
- LUBRICANTS:** Only dry lubricants, used sparingly, will be allowed at this year's race. Wet, oily or greasy lubricants are not allowed. Excessive Graphite will not be allowed.
- PROHIBITED ITEMS:** The following items are NOT allowed.
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| Springs | Magnets | Moving Weights |
| Mercury Weighting | Wheel Bearings | Wheel bushings |
| Wheel Washers | Starting Devices | Propellants |
| Glass | Excessive fragile parts | Loose objects |

CAR SPEC. QUESTIONS, Contact Clarke Farrer @ 208-670-1156