

REGISTRATION - BUILDING RULES AND REGULATIONS

(All decisions handed down on all matters are final)

Cars will be weighed the day of the race with the driver and a sticker will be placed on the car. The car will again be weighed with the driver just before the race to check the sticker and driver. A wrist race band will be given to the driver Saturday morning at registration check-in.

- 1) Each racer will be **required to make 2 test-runs down the hill prior to the race** to ensure capabilities of staying between lane lines. Any driver that is not registered and has not made a minimum of two test-runs (one from the ramp, one off the ramp) at the start of the race will not be allowed to race. **Test runs will be Saturday morning from 8:00a.m to 10:30 a.m.**
- 2) **All drivers will be required to pre-register and sign an insurance waiver. No registration will be taken the day of the race. Races will check in the day of the race.**
- 3) Grounds for disqualification by a panel of judges would happen to any car that:
 - a) does not pass car-construction and safety rules.
 - b) any car that endangers the driver, other drivers or spectators.
 - c) any driver who shows poor sportsmanship and/or who's driving interferes with another driver.
 - d) any driver who attempts to gain an unfair advantage by adding or taking off weights once it has been inspected.
 - e) All decisions handed down on all matters are final.
- 4) Gravity is the only form of motive power allowed.
- 5) Cars must run on four wheels - two fronts and two rears. All four wheels must touch the ground at all times when racing.
- 6) The floorboard of the racer must be made of at least $\frac{3}{4}$ " plywood or of materials that provides equivalent structural support. **Particleboard is NOT acceptable.**
- 7) Feet must be forward when driver is in racing position.
- 8) **Seat belts are required.** They must be safely attached to the floorboard or frame. A lap attachment seatbelt is a must or you may have two belts from shoulder to crotch attachment or a combination shoulder and lap attachment is acceptable.
- 9) A properly fitting helmet must be worn. Bicycle, motorcycle, football, or hockey helmets are acceptable. Full-face protection is preferred.
- 10) Drivers **must wear shoes.**
- 11) Foot-operated brakes only- **NO hand brakes & NO bicycle caliper brakes.** Brakes must be capable of stopping the car in a short straight line, with no damage to the road surface.
- 12) **Front wheel steering only.** A steering wheel of some sort (circular, or similar design) should be fastened to a steel shaft. The steering wheel must be padded with a minimum of $\frac{1}{2}$ " padding. Steering wheel must not have any protrusions such as with a T-bar style that could pose a hazard in a collision. If cable is used, it must be of the "marine/aircraft" type. **Clothesline cable is NOT acceptable.**
- 13) **Wrist straps are recommended** but not required to prevent hands from extending out of the car in the event of a rollover.

- 14) A headrest capable of restraining any sudden backward movement of the head, should be built into the car frame. **A front pad of 1 inch is required** in the front of the seat position.
- 15) **A roll bar is optional** in 2007. See the '**ROLL BAR**' section for specific placement and attachment requirements. Roll bar must be padded with the headrest incorporated into the roll bar.
- 16) Axles must be minimum of 1/2" solid or threaded rod or equivalent and not more than 1".
- 17) The weight of the car including driver must not exceed weight limits, as set per class
- 18) **"Kit Cars"** will be permitted to race in an open class with weight and age class limits.
- 19) All major components must be attached with **through** bolts, not screws. See the '**COMPONENT DETAILS**' section for the list of major components.
- 20) Turnbuckles must be safety wired or otherwise secured to prevent them from vibrating loose.
- 21) No car shall display advertising or sponsorship not legal by the state for youth activities.

AGE CLASSES

WE RESERVE THE RIGHT TO ADJUST NUMBERS FOR AGES CLASSES AND WEIGHT.

EXAMPLE: AGES 7-8, 200 LBS AGES 9-10 225 LBS ETC.

Classes	Participants Classes	Ages	Weight of car and driver with all gear
Class A Home made	Both Boys/Girls combined	7,8, & 9	200 pounds
Class B Home made	Both Boys/Girls combined	10, 11 & 12	201-250 pounds
Class C Home made	Both Boys/Girls combined	13,14 & 15	251-300 pounds
Class D Open Kit Cars	Both Boys/Girls combined	7-8	200 pounds
Class E Open Kit Cars	Both Boys/Girls combined	9-10	201-225 pounds
Class F Open Kit Cars	Both Boys and Girls	11 -up	226-300 pounds

- 22) If you are younger and cannot meet weight class in your division, you will automatically move into the weight class you can meet.
- 23) **Race officials will seed drivers in the races.** This is double elimination race event.
- 24) In the event of two loses racers will go to a consolation round. Each driver will race at least 3 times.
- 25) **If you use a Kit, cars must be a complete car, sanctioned by the American Soap Box Derby.**
- 26) Solid weights shall be used for weight adjustment at the race. Make sure they are secured in the car.
- 27) If multiple cars are used, it is the responsibility of the drivers to be on time for the next racer.
- 28) **Dads or Moms will be required to help load and unload the car the child is racing in.**
- 29) Only racers will be allowed to ride on the trailer with the car they raced.
- 30) **Please do not bring pets.**
- 31) **Construction safety of the car is the responsibility of the builder.**

RACING RULES AND REGULATIONS

Race Marshaling:

1. Each car is given one race in each of the two lanes if possible.
2. The person who crosses the finish line first wins the race.

Re-Races:

Re-races will be considered for the following reasons

1. Interference from spectators, obstacles or other cars entering your lane etc.
2. An emergency stoppage of the race
3. Rain Delays (weather conditions)

Re-races will **not** be considered for the following reasons

1. Mechanical breakdown of own car
2. Inadvertent or intentional braking (not due to interference)
3. Car leaving own lane (not caused by interference)
4. Car striking cones, hay bales (not caused by interference)
5. General track conditions (manhole covers, surface conditions etc.)

In all cases, re-races will be determined by consensus of the race officials and spotters and may be denied for such reasons as time restrictions etc.

Disqualification: Racers will be disqualified in the race for traveling into the lane of the opposing racer.

- RACE OFFICIALS and/or SPOTTERS will determine emergencies along the Racetrack.

All drivers will be instructed to stop immediately. RACE OFFICIALS and/or SPOTTERS will give the command '**BRAKE**' repeatedly and will gesture with **BOTH HANDS PALMS DOWN**. At this command, all drivers must stop their cars immediately. Re-races will race after completed races.

Braking At Finish Line:

1. Brakes must be applied as soon as possible after the car has crossed the finish line.
2. Cars must stop in a **STRAIGHT LINE** without fishtailing and spinning.
3. Hay bales are not to be deliberately hit.
4. If braking is deemed by race officials to be inadequate or unsafe, the car will not be allowed to race until all appropriate adjustments have been made.

Repairs And Maintenance:

Repairs necessary due to damage during the race must be made in order to make the car operable and safe. The marshaling system allows for postponing heats while repairs are performed. Enhancements to the car over and above necessary repairs are NOT permitted. Wheel bearings may be lubricated, if desired, only between heats. (Maximum of 10 minutes)

Questions And Concerns:

All questions and concerns regarding the race will be dealt with through the race officials at the information booth at the staging area parking lot.

Decisions regarding controversial matters will be made by a minimum of three (3) members of the Official Race Committee. The Official Race Committee may elect to reserve final decisions until after race day.

UNDER NO CIRCUMSTANCES can the race officials, watching the finish line be **approached by drivers or drivers' representatives** to discuss results. Race official finish is final.

No spectator will be allowed within 20 feet of the finish line.