

# CRANBERRY KRATE DERBY OFFICIAL RULES

## 1) AGE LIMIT

The driver must be between the ages of 10 and 15 (inclusive) as of August 1<sup>st</sup> of the year he/she will race. Each driver can enter only **ONE** race.

## 2) PRE-RACE RULES

The entrant's parent or legal guardian must register online at [www.stonelakecranberryfestival.com](http://www.stonelakecranberryfestival.com). Fee to enter \$25.00. (Paper registration forms are no longer available).

### **PLEASE NOTE THAT ONLY 12 ENTRANTS WILL BE ALLOWED TO REGISTER – FIRST COME FIRST SERVED**

The entrant must have his/her car delivered to the top of Main Street Hill (Lions Hall parking lot) by **9:00am** on Festival Day. Note: The highway and access to Main Street closes at 9:00am.

Racers must be back with their cars at 11:00am so the race director may conduct the cars inspection.

Once the car has been inspected and meets the required specifications only then the car will be allowed to race.

If the car does not meet specifications, you will have until 2:00pm to make any changes and be reinspected.

### **NO CAR WILL BE ALLOWED TO RACE THAT IS DETERMINED TO BE UNSAFE BY THE INSPECTOR....**

Safety is the main concern, for both drivers and spectators. Special attention will be paid to steering components and wheel bearing play and their tightness.

The decision of the Inspector is final and not subject to appeal.

## 3) GROUNDS FOR DISQUALIFICATION

The race director may disqualify any car or driver that, in his opinion, endangers the driver, other drivers or spectators. Poor sportsmanship and attempting to gain an unfair advantage will also be grounds for disqualification.

## 4) RACE PROCEDURES

All drivers must be with their cars no later than 2:15pm. Race begins immediately following the parade.

### **ALL DRIVERS MUST WEAR A HELMET PROPERLY STRAPPED**

Cars will be held in place on the ramps prior to a gravity start. The nose of car will be the start extreme.

A heat will consist of 2 cars, switching lanes in each race. This is a double elimination race with the top 3 racers being awarded prizes. All winners will be announced by the race Official. Prizes will be awarded at the top of the hill at the starting line.

## 5) BODY REQUIREMENTS

- a) Body must be constructed of wood. A minimum of ½" plywood must be used on the floor.
- b) No windshields of any kind will be permitted
- c) Interior must be open for inspection purposes.
- d) All exposed edges of the cockpit opening must have pipe insulation or equivalent padding.
- e) The car may be built in any shape the driver/builder desire as long as the driver's vision is not blocked in any way.

- f) A seat back may be used but must be removeable for inspection.
- g) A minimum of 2x4 pine must be used to secure axles to body.
- h) Steering cables to front axle must be secured with cable clamps, with 1/8" cable for steering.
- i) Turnbuckles must be used on steering cables for adjusting purposes and must be secure to prevent loosening.
- j) Cable must be wrapped around steering pulley in such a manner that it will not slip. Steering must not have any slack.
- k) All cars must be equipped with a minimum of braking capability consisting of a hardwood block connected to a hinge and pedal system, so as to contact the ground when pedal is depressed.
- l) The use of any liquid, such as WD40 or silicone spray is allowed on the wheel bushings and steering components. The used of Graphite, Pumice or other dry lubricants are not allowed and will disqualify the car.
- m) Sponsors advertisement is permitted. Paint, Decals, etc. may be used. No profanity.

## **6) CAR DIMENSIONS**

- a) Maximum length- 87 inches
- b) Minimum length- 72 inches
- c) Minimum cockpit opening- 14 inches wide, 25 inches long, 16 inches high.
- d) Ground clearance- No less than 3 inches from bottom of floor to ground.
- e) Wheelbase- from center of front wheel to center of rear wheel Maximum 72 inches  
Minimum 48 inches.

## **7) WHEELS AND AXLES**

- a) Maximum axle length is 36" x 1/2 threaded rod with a nylock nut on both side of wheels.
- b) Minimum inside wheel width span 33 1/4". Maximum outside wheel width span is 35".
- c) Only wheels 10" x 1.75" hard rubber are permitted.
- d) A minimum of 2x4 pine must be used to secure axles to the body.
- e) No tampering or alternating of wheels or axles is allowed, wheels may be painted.