

# Jax Cracker 500

## RULES OF THE RACE

February 19<sup>th</sup>. 2011 Race Day

Entry Fee and Car: \$13 (\$8 Car only)

Race and Practice Location:

**CLASSIC LIGHTING (Warehouse)**

**6100 Philips Hwy**

### I. Objective

The objective of the Jax Cracker 500 Derby shall be to strengthen the overall goals and objectives of the YMCA's Adventure Guides and Princesses Program by Father and Son/Daughter working TOGETHER to build a race car. Good sportsmanship should be fostered through friendly competitions.

### II. Eligibility

- A. A child may only enter one racer in their proper Division.
- B. The child must be a registered member of a tribe in the Timucuan Federation.
- C. The first, second and third place winners of each division are eligible to compete in the final championships using the exact same car with which they won their division.

### III. Equipment Rules

- A. Builders - The building of the racecar shall be a father and child joint project.
- B. Kits are available at the YMCA, they contain: 4 Wheels, 4 Hub caps, 1 front axle, 1 wood body, 1 back axle, and a set of rules.
- C. The maximum dimensions are:  
10 inches long, 4 1/2 inches wide, 5 inches tall, and 1 1/2 pounds (or 1 pound 8 ounces)

### V. General Rules

- A. The center of gravity of the racer may not shift from the start of the race to the finish.
- B. There shall be no outriggers on the car consisting of rotating parts or spring members.
- C. It shall be understood that the trophy winners may be disassembled for detailed inspection at the conclusion of each division race.
- D. Racer motion shall be generated by gravity only.
- E. The racer may not be altered between the division races and final championships.
- F. Every participant is honor bound to build a new racer each year. You may use a car that was not raced the previous year.
- G. Participants are not allowed to lubricate the car, repair or adjust car, or align car on the track during race.
- H. Racers must employ the use of stock, unaltered wheels, i.e., no shaving, beveling of edges, etc.
- I. Axles may not be altered i.e., no cutting, beveling, shaving, bending, etc: with the exception of polishing.
- J. Use common sense; no sharp objects, explosive or volatile materials will be allowed.

### VI. Suggestions

- A. The racer should not have a large amount of overhang in either the front or the back.
- B. The width of the rear axle should be narrower than that of the front. A common mistake made by participants, one axle is longer than the other, the longer axle goes in the front of the car.**
- C. Experience has shown that the best results come from care and time spent on the car and practice time on the track.

### VII. Rules of the Race

- A. After each racer is accepted by the registrar, he/she shall take the car to the official pit table.
- B. After the car has been accepted no changes may be made to it during the race.
- C. At no time during the running of the derby is anyone, other than race officials, allowed to touch the track.
- D. All winning cars shall be held at the official pit table until the end of the entire division race.
- E. Every racer will be returned by one of the officials.
- F. The cars finishing first, second and third in each division may compete in the championship round.
- G. On the designated day of the races the track will be closed to all participants. No practice runs are allowed.
- H. The Timucuan Federation will establish exact practice and race times during January and February.

# COMMON QUESTIONS

I. **What is the car's maximum weight?**

1 1/2 pounds (or 1 pound 8 ounces). Use lots of lead and a postal scale.

II. **How do I register?**

Buy a car from the Jessie Ball Dupont YMCA or Williams YMCA, or at your Longhouse.

Fill out the provided form. For administrative purposes, a car purchase and registration deadline will be set each year approximately two weeks prior to the race.

Williams YMCA  
10415 San Jose Blvd,  
Jacksonville, Florida 32257  
Mo Eaton, Family Program Director  
282-1660 Ext. 206

Dupont YMCA  
7373 Old Kings Road South  
Jacksonville, Florida 32217

III. **Where is the Race?**

Classic Lighting (warehouse)  
6100 Philips Hwy  
Jacksonville, FL 32216

(On the west side of Philips Hwy between JTB and University Blvd)  
Additional parking on North side of building marked as Outotec

IV. **When is the race?**

Saturday February 19, 2011

Check website for practice session dates and times

[www.timucuan.org](http://www.timucuan.org)

## PRIZES

- I. **Nation Level:** 1st, 2nd, and 3rd place Trophies will be awarded for the fastest 3 cars in each Nation. The fastest 3 cars in each Nation will then advance to the Federation Championship.
- II. **Federation Level:** 1st, 2nd, and 3rd place Trophies will be awarded for the fastest 3 cars in the Federation, as determined in the Federation Championship.
- III. **Best in Show:** 1st, 2nd, and 3rd place Trophies will be awarded for the best decorated (for those obviously decorated by the Child) 3 cars in the Federation.
- IV. **Federations Cup Final:** The top three cars, based on speed, from the Timucuan Federation will face off against the top three cars from the Choctaw Federation for bragging rights and ownership of the coveted "Federations Cup for the entire year.

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