

2009-2010 NORTH CAROLINA STATE RA RACE DAY CAR COMPETITION

A. GENERAL: The RA Race Car Competition is an interest activity provided for RAs, Challengers, girls of all ages, and adults. This event exists to create meaningful relationships between children and adults as they build the race cars. Though there are categories for Challengers, girls and adults, this is still an RA event.

B. PURPOSE: This document exists to provide rules and regulations for the conduct of NC's State RA Race Day car competition. It is imperative that Race Coordinators at all levels, RA Directors, RA Leaders, all competitors, and parents of young competitors read and understand these rules and regulations. Event Coordinators are highly encouraged to adhere to these rules and regulations when conducting races at the church and associational levels.

C. CATEGORIES OF COMPETITION: There are fourteen categories in the competition.

1. Race categories;

- Lads – boys in grades 1-3; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Crusaders – boys in grades 4-6; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Challengers – boys in grades 7-12; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Girls in grades 1-3; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Girls in grades 4-6; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Girls in grades 7-12; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Adults – men and women of all ages; Trophies awarded for 1st and 2nd; ribbon for 3rd

2. Best of Show categories:

- Lads – boys in grades 1-3; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Crusaders – boys in grades 4-6; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Challengers – boys in grades 7-12; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Girls in grades 1-3; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Girls in grades 4-6; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Girls in grades 7-12; Trophies awarded for 1st and 2nd; ribbon for 3rd
- Adults – men and women of all ages; Trophies awarded for 1st and 2nd; ribbon for 3rd

D. ENTRY REQUIREMENTS:

1. All participants in the Race category of the State Competition must have placed first, second, or third (if an alternate) in their associational race.

2. All participants in the Best of Show category of the State Competition must have placed first in their associational Best of Show (or “most unusual” if so-called) category.

3. Participants may not enter their cars in both the Race and Best of Show categories at the state level. A choice must be made between the two.

4. All participants (except adults) in the State Competition must also enter a Missions Project display. Missions Project displays are described later in this document under Section J.

5. All participants in the state event (1st place, 2nd place, and alternates (if applicable) must register or be registered to enter. Registration forms are available online at <baptistsonmission.org>. Participants are encouraged to register early. Registration at the door is discouraged and will cost more.

6. A representative from the Association must notify the NCBM of associational winners that are eligible to participate in the state event. This notification form is only available from the Association and simply alerts the State Race Coordinator that an individual is qualified to compete at the state level. These notification forms are only sent to the Associational Directors of Missions, the Associational Brotherhood Directors, and the Associational RA Directors. If the Association does not have the notification form, have them contact the office of NCBM to get one. If an individual arrives at the state event and the State Race Coordinator has not been notified by the office of NCBM that the individual is representing a certain association, that individual will not be allowed to participate in the event. Notification forms must be sent to NCBM, PO Box 1107, Cary, NC 27512.

7. Please note that the registration form and the notification form are two separate and distinctly different items. Individuals and/or churches are responsible for registration. Race Coordinators and/or Associations are responsible for notification of eligible participants.

8. In the event that an association does not have a competition, the individual or church that registers first, and has their association notify the NCBM's Department first, will become that association's representative in the state event.

E. GENERAL RULES:

1. Car kits may be purchased from many vendors, but it is recommended that you purchase your kit from the Make Tracks Company & Royal Racers as this ensures consistency in cars and benefits our State RA fund. The Make Tracks Company & Royal Racers can be reached online at <royalracers.com>, by phone at (931) 935-8201, or through the mail at 192 Lovejoy Road, Sparta, TN 38583. An order form from the Make Tracks Company & Royal Racers is enclosed in this packet. Please order ¼ inch tapered wheels. If ordering a car from another vendor, please ensure that the car adheres to these rules and procedures. Boy Scout cars and wheels are not allowed to race in an RA event.

2. All cars participating in the State RA event must have been built this year (between last year's event and this event).

3. All cars entered must have been built by the person entering/racing the car in the competition. Adults (fathers, mothers, RA Leaders, others) may assist children with the building of their cars, but most of the work must be completed by the children.

4. A car that has been entered in another event other than a church or association sponsored RA event will not be permitted to enter the state competition.

5. The same car placing or winning at the church or association RA event must be entered or raced in the state competition.

F. SPECIFICATIONS:

1. The current year (for example: 2009 or 09) must be carved, burned, or stamped onto the bottom of the car.

2. The bottom of a car may be painted.

3. Each car (even if entered by a Challenger, girl, or adult) must have a small RA seal prominently and visibly displayed on the car during the competition. A seal on the bottom of a car is not prominently displayed. Old or new RA seals may be used. These seals come with all kits ordered from the Make Tracks Company & Royal Racers. If you get a car from another vendor you can order these RA seals from NAMB or purchase them at Lifeway Stores.

4. The overall width of a car cannot exceed 2 $\frac{3}{4}$ inches.

5. The minimum width between wheels (inside wheel to inside wheel) is 1 $\frac{3}{4}$ inches. This ensures that the wheels will fit on the lane guides.

6. The overall length of a car cannot exceed 7 $\frac{3}{8}$ inches.

7. Wheels cannot protrude from the front end or rear end of a car thus adding to its overall length.

8. The overall weight of a car cannot exceed 5 ounces. The car may be hollowed out and filled in with putty, wood, or metal (liquid metals, i.e. mercury, are not allowed) to add weight as long as it is securely built into the body or bottom of the car. Materials may not be taped to a car to add weight.

9. The addition of any material or object between the wheel and the car is strictly prohibited. Wheel bearings, washers, and bushings are not allowed. Simply using the axles/pins/nails contained in the kit will guarantee adherence to these rules. **Only graphite may be used to lube the wheels. Do not place stickers over the axles/pins/nails; the head must be visible.**

10. Solid, one piece axles, connecting to both wheels, in the front or back of the car are not allowed. Again, simply using the axles/pins/nails contained in the kit will guarantee adherence to these rules. Axle spacing may be adjusted but not to the extent that it violates one of the other rules.

11. Wheels cannot be greater than 1 $\frac{1}{4}$ inches in diameter nor have a radius greater than $\frac{5}{8}$ of an inch. Wheels cannot be thicker than $\frac{1}{4}$ of an inch. The reshaping of wheels for structural or decorative purposes is not allowed. The burrs may be removed from the wheels, but the wheels may not be smoothed to a sharpened point or flattened.

12. The car cannot ride on any type of springs. Suspension is prohibited.

13. The distance between the bottom of the car and the bottom edge of the wheels must be $\frac{3}{8}$ of an inch or greater. This chassis to track clearance will prevent the car from bottoming out and dragging on the lane strip in the center of the track.

14. The car cannot have starting devices. It must be free-wheeling.

15. Details such as steering wheels, drivers, decals, paint, and interiors can be added to the car as long as the car does not exceed the maximum weight limit.

16. The front of the car cannot slope up on the bottom nor have indentions cut into the bumper or bottom. Nothing may protrude from the front of the car. These modifications could give the car an unfair starting advantage.

17. Track specification can be obtained by writing the NCBM Department, PO Box 1107, Cary, NC 27512.

G. BEST OF SHOW:

1. All Best of Show entries must also meet the racing specifications, rules, and regulations.
2. All participants in the Best of Show category of the State Competition must have placed first in their associational Best of Show (or “most unusual” if so-called) category.
3. Participants may not enter their cars in both the Best of Show and Race categories at the state level. They must choose one or the other.

H. ADULT COMPETITORS:

1. Adults are not required to enter a Missions Project display in order to compete.
2. Adults entering cars in the competition are expected to spend as much time working with RAs and mission projects as they spend working on their cars.
3. Adults entering cars in the competition are expected to tithe an amount equal to or greater than that spent on their cars to their church, association, or to a state of foreign mission.

I. EVENT PROCEDURES:

1. All competitors must be checked-in at the registration desk before the race can start (please arrive early). There, each participant and their guests will be given directions and instructions for the events that follow.
2. All cars, in all categories of competition, will be inspected by the event staff following registration. Cars that pass the inspection will be placed in the impound area. Cars that fail the inspection will be sent to the pit area.
3. The pit area will have tools and materials needed to adjust cars or correct most discrepancies. Once a car has been adjusted or corrected, it must be re-inspected.
4. Once a car has been placed in the impound area it cannot be touched by competitors.
5. The event staff has the right to disqualify any car in any category that cannot pass the inspection.
6. Once the race begins, only the person racing the car will be allowed to place the car onto the track. Cars will be started by gravity from a standstill. Pushing will not be allowed.
7. This is a double-elimination event. Each car will get the opportunity to race twice.
8. The front end of the car that first crosses the finish line is the winner.
9. If either car leaves the track on the first run, there is “no contest.” The race will be run again. If the same car leaves the track again, it loses the race.
10. If both cars cross the finish line at the same time resulting in a tie, a coin toss will be used for lane choice, and the cars will race again. The car that crosses the finish line first is the winner.
11. Cars will be raced by the builder. If there is a sudden emergency on the day of the event, and the builder is unable to race, the Event Director may allow a car to be raced by a proxy from the same category of competition.
12. This event can be quite competitive but it should always be fun for the children. Adults should ensure they are setting a good example of polite and clean competitiveness.
13. The Event Director, with the assistance of the State RA Director, will handle any appeals during the event and shall have the final authority over such matters.

J. MISSION PROJECT DISPLAYS:

1. Basically anything that demonstrates the entrant's participation in a mission or type of mission education may be entered as a Mission Project Display. The display could be a poster; a collection of items (such as pictures, coins, or group of articles); a scrapbook; a constructed project (such as a magazine rack for an invalid); a map or chart (or series of each); a written program; a match-up board; or a game. Tri-folds are an excellent way to display your involvement in a mission project. This requirement is not meant to be cumbersome, but to provide a means for adults to gauge a child's progress in mission involvement and mission study.

2. The display can be of an individual or RA Chapter project, but each entrant must enter a separate display. It must contain a write-up about the entrant's participation and what the mission meant to him or her. Adults may help the children write their explanations, but they should be written using the child's words and thoughts. Please do not let every boy or girl from the same church or association use the same mission project concept in his or her display.

3. All participants (except adults) in the State Competition must enter a Mission Project Display.

4. Participants will compete in the same categories that are used for the Race and the Best of Show (of course there is no category for adults). Rewards will also be the same.

5. Mission Project Displays do not need to win at the association event to be entered at the state event.

6. Mission Project Displays must be presented at the registration desk upon arrival. They will be displayed in a separate room from other events.

7. Each entrant will write their name clearly on the back of the displayed item.

8. The maximum size for all displays is 36 X 48 inches.

9. Mission Project Displays will be judged using the following criteria:

a. Missions Theme: Is the mission theme clearly defined and is it evident throughout the display? (Up to 20 points)

b. Creativity: Does the display show originality and is it evident that the child was a major participant in the project? (Up to 20 points)

c. Communication: Does the display arouse mission interest, tell a clear story, and contain appropriate titles and captions? (Up to 20 points)

d. Education: Is the information about the mission accurate and does the display teach missions? (Up to 20 points)

e. Design and Mechanics: Is the design related to missions; are the number of items appropriate for the display; and does color, shape, size, and movement add to the display? (Up to 20 points)

10. Event Coordinators are highly encouraged to include the addition of Mission Project Displays when conducting races at the church and association levels.

K. POINTS OF CONTACT:

1. If you have questions concerning any of these rules and regulations, please contact the State RA Director. He can be reached by phone at (336) 625-5867.

2. The State RA Director can put you in contact with the Race Director or other race staff.