

DUBUQUE FAIRGROUNDS RC RACEWAY 2011-2012

GENERAL RULES

- 1) **NO** illegal substances or alcoholic beverages are permitted at any DFRCR racing event.
- 2) **NO** smoking or tobacco use is permitted in the building in accordance to the State of Iowa law banning such activity in public places effective July 1, 2008.
- 3) Foul language, aggressive or abusive behavior will not be tolerated.
- 4) Race director and/or computer operator should not be distracted during races.
- 5) Drivers should not be distracted during races.
- 6) Race director reserves the right to "black flag" any drivers who are operating in a reckless or uncontrolled manner or that may constitute a hazard to other drivers in a race.
- 7) If you leave the driver's stand during a race, you may not return to the race. When exiting the driver's stand no driver shall walk across the race track or in front of other drivers.
- 8) You must corner marshal the race following your race. If a substitute is needed due to physical or other reasons, it is your responsibility to arrange for a substitute.
- 9) Corner marshals should not be distracted and must pay attention to their corner and be prepared to give assistance or remove cars from the track. Corner marshals must remain in their positions until the completion of the race.
- 10) Disputed race results will be resolved by the Race Director and/or Race Committee. All decisions are final.
- 11) Tire truing is permitted only in a designated area.
- 12) All cars shall have a minimum of 4MM clearance from the bottom of car (including body) to the inspection surface.
- 13) Tire dressings may be restricted to "odorless", or specific/DFRCR approved compounds. Jack the Gripper is what the track recommends.
- 14) No hybrid or modified rotors in any brushed or brushless motors.
- 15) All classes of racing, except novice class, will be required to run the battery that is designated for each of the classes.
- 16) All racers must sign a liability waiver the first time they race each season and they will receive a set of track rules at that time. Racers under the age of 18 must have the waiver signed by a parent or guardian. Waiver can be obtained at the track.
- 17) Racers and spectators agree to abide by Dubuque County Fairground parking restrictions (No parking in area between top of grandstand and concession buildings). Equipment may be unloaded at the door to either building. If you have a handicap plate or sign, you are allowed to park behind the grandstands.
- 18) All cars should be numbered.
- 19) Remember this is supposed to be fun. Physical contact of any kind may result in loss of all points and a 1-year suspension from date of infraction, from all DFRCR sanctioned events. Rules are subject to change. Race director & race officials have final decision on all matters.
- 20) If it doesn't say you can do it in the rules then you cannot do it.

RACE PROGRAM

- 1) Weekday program consists of two qualifiers and mains.
- 2) Weekend program consists of three qualifiers and mains.
- 3) No substitute drivers in the mains.
- 4) You must race the car that you qualified with and start in the correct spot.
- 5) Minimum of two cars in a class. Race Director reserves the right to combine classes of similar speed to maintain a smooth running program.
- 6) Drivers should supply their own personal transponder. DFRCR will attempt to arrange for a loaner for Novice or visiting drivers.
- 7) Race Director will hand-count laps for drivers without transponder in Novice classes only.
- 8) Race Director will not be responsible to hand count cars that do not pass the scoring loop.
- 9) Qualifiers will use a "rolling" or IFMAR start, Mains use a "heads up start" or "standing start".

COMPETITION AND PRIZES

DFRCR will sponsor individual race prizes, point series, and season championships to promote competition among participants. For a racing class to be eligible for series and season championships, at least five racers in each class must complete at least 2/3 of the available races in the series or season. Race Committee will designate the series and number of races within the series that will count towards prizes.

BATTERIES

1) All lipo batteries must be in a hardcase. All Lithium Polymer packs must be charged inside a "LiPo Sack" or similar fire mitigation device proven to withstand a minimum of a 7.4v 6000mah Lithium Polymer pack failing destructively without showing external flame. For the safety of all drivers and spectators no LiPo battery will be allowed to run in a car that exceeds a voltage of 4.22 (1 cell) / 8.44 (2 cell), this will be a spot check at the discretion of the race director. If a LiPo battery is found to be too high of a voltage it must be removed from the car and a battery with lower voltage can replace it so the driver can race. All batteries must be within **5** degrees of the ambient temperature of the track area. Some classes may allow a NIMH battery and that rule must be followed.

RACING CLASSES

We are following the 2011-2012 BRL rules as written for this season. The rules that are below are track classes that are to be "fun" classes to run.

NOVICE

To promote participation of new drivers, rules for this class are intentionally unrestricted. ANY 1/10 scale, electric powered RC car will be allowed. Cars will be inspected prior to racing to prevent carpet damage. Heavy (monster trucks, etc.) vehicles with rubber tires and large lugs that are likely to roll over will not be allowed. Low wind modified motors are discouraged. Drivers who exhibit sufficient skill will be encouraged to join a more advanced class. All Novice races will be 4 minutes in length.

SPORTSMAN 17.5

- 1) Any 1/10 scale pan car chassis.
- 2) Any car/ truck body dated from 1930 thru 1975 are allowed. Rear bumper cut outs are allowed.
- 3) NO EXTRA spoilers allowed.
- 4) 36-oz minimum weight with transponder. Car may be weighed before or after any race.
- 5) Any 17.5 brushless motor is allowed.
- 6) Battery – up to a 5600mah max., 65C max one cell battery allowed.
- 7) Any commercially available, ROAR approved **SPORTSMAN** ESC is allowed.
http://www.roarracing.com/downloads/ROAR_Sportsman_Control_ESC_List.pdf
- 8) Any tires allowed.
- 9) No hard wiring from the battery to the speed control.
- 10) Receiver packs are limited to a maximum capacity of 2200 mAh with a maximum nominal voltage of 7.4v. Receiver packs must be connected to the receiver or ESC using wiring of 20 ga or smaller.
- 11) All Sportsman 17.5 races will be 4 minutes in length.

SPEC TRUCK
Rev Sept 4, 2011

- 1) Any 1/10 scale pan car chassis.
- 2) Any NASTRUCK body is allowed:
- 3) Rear bumper area of body must not be cut out any higher than the manufacturers molded cut line.
- 4) 2" MAXIMUM spoiler is allowed. Spoiler material is measured from the deck lid to the end of the spoiler at the cord angle of the spoiler. Spoilers must be made in a single plane. No bracing allowed on spoiler.
- 5) Any size brushless motor is allowed.
- 6) Max 4 cell Nimh sub c cell battery is allowed. Also 1 or 2 cell LiPo, hardcase batteries are allowed. 2 cell to be used in conjunction with a higher turn motor.
- 7) 38 oz. Minimum weight.
- 8) No hard wiring from the battery to the speed control.
- 9) Receiver pack may be used with one cell LiPo battery only and plugged into the receiver with a standard JST or servo plugs. Wiring not to exceed 20ga.
- 10) Any speed Control ESC (electronic speed control) will be allowed.
- 11) Races will be 4 minutes in length.
- 12) If any single lap time is faster than **4.1 seconds**, the lap will not be counted.

STOCK 17.5

- 1) Any 1/10 scale pan car chassis.
- 2) ANY **NASCAR Nationwide** bodies are allowed. The new Mustang and Camaro bodies from McAllister allowed. Rear bumper cut outs are not allowed. Rear bumper area of body must not be cut out any higher then the manufacturers molded cut line.
 - 1.5" MAXIMUM spoiler is allowed.
 - Spoiler material is measured from the deck lid to the end of the spoiler at the cord angle of the spoiler. Spoilers must be made in a single plane. No bracing allowed on spoiler.
- 3) Any 17.5 brushless motor is allowed.
- 4) Any hardcase 1 cell lipo battery is allowed.
- 5) 36 oz. Minimum weight. Car may be weighed before or after each race.
- 6) No hard wiring from the battery to the speed control.
- 7) Receiver packs are limited to a maximum capacity of 2200 mAh with a maximum nominal voltage of 7.4v. Receiver packs must be connected to the receiver or ESC using wiring of 20 ga or smaller.
- 8) Any commercially available ESC is allowed.
- 9) All Stock 17.5 races will be 4 minutes in length.

13.5 SPEC

- 1) Any 1/10 scale pan car chassis.
- 2) Any **NASCAR** body is legal as long as the tires are covered. Last years COT body and rules allowed. Rear bumper cut outs are not allowed. Rear bumper area of body must not be cut out any higher then the manufacturers molded cut line.
 - 1.5" MAXIMUM spoiler is allowed.
 - Spoiler material is measured from the deck lid to the end of the spoiler at the cord angle of the spoiler. Spoilers must be made in a single plane. No bracing allowed on spoiler.
- 3) Any 13.5 brushless motor is allowed.
- 4) Any hardcase 1 cell lipo battery is allowed.
- 5) No hard wiring from the battery to the speed control.
- 6) Receiver packs are limited to a maximum capacity of 2200 mAh with a maximum nominal voltage of 7.4v. Receiver packs must be connected to the receiver or ESC using wiring of 20 ga or smaller.
- 7) 36 oz minimum weight with transponder. Car may be weighed before or after any race.
- 8) Any commercially available SPORTSMAN ESC and any ESC in a sportsman setting are allowed.
- 9) BSR spec tires with yellow ring **ONLY**. Any BSR spec tire on the LF, LR and RR. The only approved tires for the RF will be the BSR spec tire yellow striped blue and black compounds.
- 10) All Spec 13.5 heat races will be 4 minutes. Mains will be 4 minutes in length.

DIRT 10.5 (WAS SUPER STOCK 13.5)

- 1) Any 1/10 scale pan car chassis.
- 2) Any dirt late model or "IMCA" modified body is allowed.
- 3) Any 10.5 brushless motor is allowed.
- 4) Any hardcase 1 cell lipo battery is allowed.
- 5) No hard wiring from the battery to the speed control.
- 6) Receiver packs are limited to a maximum capacity of 2200 mAh with a maximum nominal voltage of 7.4v. Receiver packs must be connected to the receiver or ESC using wiring of 20 ga or smaller.
- 7) No minimum weight requirement.
- 8) Any commercially available ESC is allowed.
- 9) All DIRT 10.5 heat races will be 4 minutes. Mains will be 4 minutes in length.

LOSI MINI-SLIDER & LATE MODEL "FUN" CLASS

The intention of this class is to have FUN and create an interest in RC racing. First time RC drivers can currently purchase a new RC Slider for under \$200 ready to race out of the box.

Stock Slider / Stock Late Model

- 1) Minor modifications allowed are:
 - Electrical tape on right front wheel to improve handling.
 - Foam tires are allowed.
 - Heavier shock oil to improve handling.
 - Batteries can be replaced with (1) 1800mah NIMH battery pack or (1) 2-cell Lipo battery allowed with a maximum of 2200 mAh.
 - Stock replacement motors allowed (LOSB1216). Mamba Brushless motor, - 4200 kv maximum allowed.
 - Stock ESC only with brushed stock motor - part number LOSB0826.
 - Secure front shocks with screws.
 - Wing position and wheel camber can be adjusted to suit.
 - Sliders must run an "open wheel" body like a Sprint car, EDM or a Dirt Modified.
- 2) Other modifications must be approved by the rules committee before entering a car
- 3) Slower drivers have the race line and are **NOT** required or expected to move out of the way of faster cars. Experienced drivers are expected to use their better driving skills and better handling cars to safely pass slower cars.
- 4) **All Stock Sliders / Stock Late Models** - For all Main Event races, slower cars will start in the front. Positions determined by qualifying in reverse order, i.e. slowest qualifier to start on the pole, second slowest on outside front row, etc. Experienced drivers are required to start in the back of the field, regardless of position in qualifying.
- 5) Since the purpose of the Stock Slider / Stock Late Model class is for inexperienced drivers to have "FUN" and learn to drive RC cars, no points will be awarded in this class.
- 6) All Mini-Slider races will be **4 minutes** in length.

OTHER CLASSES

Two or more drivers may create a new class of racing if their cars do not fit in an existing class. Other classes may be proposed such as Stadium Truck, Gearbox etc. if two or more drivers want to race in a new class. All new classes will only be eligible for point racing after a class name and rules have been developed and approved by the DFRCR Board of Directors. Cars/trucks running in a new class must have approved tires and chassis may not have protruding screws or sharp edges that may damage the carpet.

Check our Web Site (www.DFRCR.com) for latest rule updates.

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