

DUBUQUE FAIRGROUNDS RC RACEWAY "carpet" 2016-2017

GENERAL RULES

1. NO illegal substances or alcoholic beverages are permitted at any DFRCR racing event. **NO** smoking or tobacco use is permitted in the building in accordance to the State of Iowa law banning such activity in public places.
2. Foul language, aggressive or abusive behavior will not be tolerated. violators may be asked to leave the premises. Suspensions may be handed out depending on the severity of the violation.
3. Remember this is supposed to be fun. **Physical contact/ Slandering of any kind may result in loss of all points and a 1 year suspension from date of infraction, from all DFRCR sanctioned events.**
4. Race director and/or computer operator and Drivers should not be distracted during races.
5. 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.
6. 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.
7. 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.
8. Corner marshals must pay attention to their area and be ready to give assistance or remove cars from the track. Corner marshals must remain near the track until the race is done.
9. Disputes will be resolved by the Race Director and/or Race Committee. All decisions are final.
10. All classes of racing, unless noted, will be required to run a maximum of a 2 cell, 8000mah, 80C rating, lipo batteries in a hard case. Battery must have a quick release plugin.
11. No hybrid or modified rotors in any brushed or brushless motors.
12. No mechanical, adjustable wings from radio, no front brakes allowed.
13. 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.
14. 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.
15. All race cars/trucks should be numbered.
16. ****3 FOOT RULE**** All race cars/trucks must wipe excess tire compound/treatment off of their tires before entering race track. This is to ensure a equal racing surface for all classes. Any car that leaves a longer than a 3 FOOT wet track from tires will be DISQUALIFIED from that race.
17. Rules are subject to change without notice. Race director & race officials have final decision on all matters.
18. If it doesn't say you can do it in the rules then you cannot do it.

BATTERIES

All lipo batteries must be in a hardcase. All Lithium Polymer packs should be charged inside a "LiPo Sack" or similar fire mitigation device proven to withstand a minimum of a 7.4v 10,000mah 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 excides a voltage of 4.22 (1 cell) / 8.44 (2 cell), this will be a spot check at the discretion of the race director. All LiPo batteries are to be charged to 4.220 volts maximum, vehicles presented for tech inspection with voltage above 4.220 must be discharged to a maximum of 4.200 volt before being allowed to race. All batteries must be within 5° of the ambient temperature of the track area.

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.

RACE PROGRAM

- Weekday program consists of two qualifiers and mains.
- Weekend program consists of two qualifiers and mains.
- No substitute drivers in the mains.
- You must race the car that you qualified with and start in the correct qualifying spot.
- Minimum of (2) cars in a class. Race Director can combine classes of similar speed to maintain a smooth running program.
- Drivers should supply their own personal transponder.
- Race Director will not be responsible to hand count cars that do not pass the scoring loop.
- Qualifiers will use a "rolling" or IFMAR start; Mains use a "rolling start" or standing start.

ALL 2WD CLASSES LISTED BELOW: All entries must be 2wd, rear wheel drive only unless the class calls for it to be a 4WD class. For turn marshal safety, all cars must have a front bumper that is made of a shock absorbing material. Front bumpers must be mounted in such a way that they will contact an object prior to any other portion of the car in a front impact. All modified bodies, sprint car bodies and cages must resemble contemporary full scale cars racing in the "World of Outlaws", "IMCA" and "DIRT" sanctioned events. All corners of bodies and wings must be rounded for safety.

NOVICE

To promote participation of new drivers, rules for this class are intentionally unrestricted. Most electric powered RC car/truck will be allowed. Cars/trucks 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.

5.0 BREAKOUT

THIS WILL BE A BREAKOUT LAP TIME CLASS

LAPS FASTER THAN 5.000 SECONDS WILL NOT BE COUNTED

1. CHASSIS - Any 1/10 scale production based 2wd/4wd chassis.
2. BODY – Any SC truck or rally car bodies are allowed. No extra wings, flaps or doohickies can be added.
3. MOTOR – Any brushed or brushless motor allowed.
4. BATTERY – Up to a 2 cell LiPo (8000 Mah/ 90C MAX.), hardcase batteries only. Must have a quick disconnect form battery.
5. ESC - Any commercially available ESC are allowed.
6. TIRES – Rubber street type tires are preferred. (Ask Denny t. about approved tire brands)
7. WEIGHT – No weight minimum required.
8. All races will be 4 minutes in length.
9. Maximum of 6 cars in A main. Must have (2) cars for class to run. Rolling starts.

SHORT COURSE MOD

1. Open to any factory stock 2wd short course truck chassis
Durango DESC210 (rear motor only) Team Associated sc10 Team Losi XXXSCT
Team Losi 22sct (rear motor only) HPI Blitz Kyosho SCR (rear motor only)
Venom Gambler (rear motor only) Traxxas Slash (stock chassis or rustler conversion)
2. Any Sportsman ESC (blink mode only)
3. 13.5T motor max. ROAR APPROVED 2 pole motors only.
4. Any 2 cell lipo battery allowed.
5. *LEGAL TIRES* - AKA Enduro - Associated SC10 - DURANGO SCT DESC210 - Duratrax Bandito DTX 3797
C2 compound Duratrax Bandito DTC 3798 **C3** compound soft - Dynamite Robber DYN5121 - HPI Maxxis –
Proline Street Fighter 1167 - Traxxas BF Goodrich AT
6. SCT style shocks only (no sedan shocks).
7. Battery down the center of chassis ONLY.
8. Electronics can be mounted on the left side of chassis.
9. Up to 2oz can be added to the left side.
10. Equal length control arms.
11. Equal offset rims.
12. No offset or (lto chassis) allowed.
13. No woven carbon chassis allowed.

Bodies - only modified style bodies allowed. No truck bodies will be allowed. We are permitting the modifying of the front and rear bumpers to make the appearance more realistic. Aftermarket pieces will be allowed for body mounting.

SHORT COURSE LATE MODEL

The rules in the SC LM class are the same as the SC Mod class except for the body and motor rule.

1. 10.5T motor max. ROAR APPROVED 2 pole motors only.

Bodies - only dirt Late Model style bodies allowed. No truck bodies will be allowed. We are permitting the modifying of the front and rear bumpers to make the appearance more realistic. Aftermarket pieces will be allowed for body mounting.

4.0 PAN CAR CLASS

THIS WILL BE A BREAKOUT LAP TIME CLASS

LAPS FASTER THAN 4.000 SECONDS WILL NOT BE COUNTED

1. CHASSIS - Any 1/10 scale pan car chassis.
2. BODY – Any dirt or asphalt body allowed. No extra wings, flaps or doohickeys can be added.
3. MOTOR – Any brushless motor allowed.
4. BATTERY – Up to a 2 cell LiPo hardcase batteries only. No receiver battery packs are allowed. A booster may be used to help the servo, receiver & transponder for 1 cell cars only. Must have a quick disconnect from battery.
5. ESC - Any commercially available ESC are allowed.
6. TIRES - Any foam tire for a pan car is allowed.
7. WEIGHT – No weight minimum required.
8. All heats will be 40 laps. All Mains will be 50 laps. All "A" mains will be inverted based on points.
9. Maximum of 6 cars in a main. Must have (2) cars for class to run. Rolling starts.

360 SPRINTS

1. DODC.com Sprint Car chassis, body & wing rules apply.
2. Motor – 17.5 Stock motor rules. ROAR APPROVED 2 pole motors only.
3. Battery – Any 2 cell max., 7.4V Lipo battery hard cased battery.
4. Any Sportsman ESC/ ESC in a sportsman setting is allowed. (Blinky Mode)
5. Any "Custom Works" rubber tire that fits within the DODC rules for Rubber Tires.
6. WEIGHT – 54 oz. minimum with transponder before or after the race.
7. NO front or top wings allowed.
8. See DODC.com for any other Sprint Car rules.

1/10 SCALE LATE MODEL

1. DODC.com Late Model rules apply.
2. Motor – 13.5 Stock motor rules. ROAR APPROVED 2 pole motors only.
3. Battery – Any 2 cell max., 7.4V Lipo battery hard cased battery.
4. Any Sportsman ESC/ ESC in a sportsman setting is allowed. (Blinky Mode)
5. Any "Custom Works" rubber tire that fits within the DODC rules for Rubber Tires.
6. WEIGHT – 55 oz. minimum with transponder before or after the race.
7. 2" rear spoiler maximum.
8. See DODC.com for any other Late Model rules.

REVO CLASSES (REVO, SEMI-PRO REVO, PRO REVO)

The below rules are for ALL 1/16 REVO classes

The rules in the "Semi-Pro Revo and Pro Revo" classes are the same as the 1/16 scale Revo class. The intent for these classes is for the more experienced drivers to compete in.

CHASSIS:

1. Must be a 1/16 scale production based 4wd e-revo.
2. No offsetting a-arms or narrowing of a-arms.
3. Springs may be changed. Shock oil may be changed.
4. All tie rods & ball ends may be upgraded.
5. RPM a-arms and axel carriers are legal.

Any and all changes to the truck chassis are allowed.

All changes must be of a aftermarket/upgrade direct replacement part for the 1/16 e-revo.

No home-made parts are allowed unless approved by race committee.

The only parts that must remain stock are the motor, esc, and wheel hubs. Wheel huds maybe replaced but must be stock in size and length. IE No offset hubs.

BODIES:

1. All bodies must be approved by race committee.
2. No additional side dams, wings, flaps, wickers or doohickeys will be allowed.
3. A hole(s) are allowed for motor cooling.

TIRES:

Must be approved tires only. (Ask Denny t. about approved tire brands)

BATTERIES:

Any 2 cell 7.4v lipo 2200 mah max. or 6cell nimh battery 2200 mah max. Battery label must be intact for verification reasons.

OTHER CLASSES

(4) or more drivers may create a new class of racing if their cars do not fit in an existing DFRCR track class. Other classes may be proposed such as Stadium Truck, Gearbox etc. if (4) 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 track. Check our Web Site (www.DFRCR.com) for latest rule updates.

Revised: March 5, 2016

This area is for anyone to use to suggest a new class to DFRCR and list all of the rules for that class.

Class name: _____

Name: _____

(SPOKESPERSON FOR THE CLASS)

Class rules:

Signed: _____ DATE _____

Signed: _____ DATE _____

Signed: _____ DATE _____

Signed: _____ DATE _____

Signed: _____ DATE _____

(Signature from DFRCR)