

# DUBUQUE FAIRGROUNDS RC RACEWAY DIRT TRACK 2017

## GENERAL RULES

1. NO illegal substances or alcoholic beverages are permitted at any DFRCR racing event.
2. Foul language, aggressive or abusive behavior will not be tolerated.
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 should 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.
9. Corner marshals must remain near the track until the race is done.
10. Disputes will be resolved by the Race Director and/or Race Committee. All decisions are final.
11. All classes of racing, unless noted, will run a maximum of a 2 cell lipo battery in a hard case or max. 7 cell NiMH battery. Lipo batteries must not be charged above the ROAR charge limit of 4.22 per cell max. All battery 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. All Batteries must have a quick release plugin. 1/8 scale has a maximum of 3 cells lipo.
12. No hybrid or modified rotors in any brushed or brushless motors.
13. No mechanical, adjustable wings from radio, no front brakes allowed.
14. 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.
15. All cars 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.
18. If it doesn't say you can do it in the rules then you cannot do it.

## 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

- All race day 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 need to 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 latemodel, modified, and 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. No silicone or rubber capped tires are allowed.

# RACE CLASSES

## 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.

## 6.0 BREAKOUT

*THIS WILL BE A BREAKOUT LAP TIME CLASS*

*\*LAPS FASTER THAN 6.000 SECONDS WILL NOT BE COUNTED\**

1. CHASSIS - Any 1/10 scale production based 2wd/4wd chassis.
2. BODY – Any SC truck, rally, or car body is allowed. No extra wings, flaps or doohickeys can be added.
3. MOTOR – Any brushed or brushless motor allowed.
4. BATTERY – Up to a 2 cell LiPo hard case or max. 7 cell Nihm battery only. No hard wiring from the battery to the speed control. Must have a quick disconnect form battery.
5. ESC - Any commercially available ESC are allowed.
6. TIRES & WHEELS - Rubber street type tires are preferred. (Ask track owners 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.

## 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.

1. CHASSIS - Must be a 1/16<sup>th</sup> scale production based 4wd e-revo.
2. BODY – Stock body
  - All bodies must be approved by race committee. If not using stock body.
  - No extra wings, flaps or doohickeys can be added.
3. MOTOR – Must use Stock Motor ONLY.
4. BATTERY – Any 2 cell 7.4v lipo 2200 mah max. or 6cell nimh battery 2200 mah max.
  - Battery label must be intact for verification reasons. Must have a quick disconnect form battery.
5. ESC - use Stock ESC ONLY.
6. TIRES & WHEELS - Must be approved tires only. (Ask track owners about approved tire brands)
7. WEIGHT – No weight minimum required.
8. Revo and Semi-Pro Revo races will be 4 minutes in length. Pro Revo races will be 40 lap heats and 60 lap mains.
9. Maximum of 6 cars in A main. Must have (2) cars for class to run. Rolling starts.

### **NOTE:**

- No offsetting a-arms or narrowing of a -arms.
- Springs may be changed. Shock oil may be changed.
- All tie rods & ball ends may be upgraded.
- Aftermarket a-arms and axle 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 hubs maybe replaced but must be stock in size and length. IE No offset hubs.*

## **DLMRA - 1/8 MOD ELECTRIC LATE MODEL**

### **Section 1: Chassis**

- 1-1 Must be 1/8 production based 4 WD buggy drive train. (Losi ,Ofna, X-Ray and so on)
- 1-2 No offsetting a -arms or narrowing of a -arms.
- 1-3 Must have dog bone center drive train, no on-road drive trains.
- 1-4 No interchanging of manufactures drive train parts. (Losi must use Losi drive train and so on)
- 1-5 No third channel devices (no one wheel brakes, wing adjustments and so on)
- 1-5 Wheel base: 12 5/8" to 13".
- 1-6 Width: 13" max. - 11 1/4" min.
- 1-7 Any and all parts must be flush or inside the tread width. 1/8 tolerance.
- 1-8 All chassis and tires must remain inside the body.
- 1-9 No metal or carbon fiber front bumpers.
- 1-10 Must have foam on the front bumper.

### **Section 2: Motors, Batteries & Speedo**

- 2-1 2250 KV or less brushless motor. 4 pole or less  
Motor must have factory marked KV rating on can/ endbell.
- 2-2 Open Speedo.
- 2-3 Any hard case 3 cell lipo.  
Must have hobby grade connector!  
Must be hard case lipo's! Covers/ cases over soft cell packs accepted.  
ROAR charge limit! 4.22 per cell max.

### **Section 3: Bodies**

- 3-1 Molded one-piece bodies are preferred.
- 3-2 No additional wings, flaps, spoilers, wickers, vents or doohickeys will be allowed except what's in sections 4 & 5.
- 3-3 A hole or holes for motor cooling.
- 3-4 Decking is allowed.
- 3-5 There will be no metal body parts of any kind.
- 3-6 All bodies must be approved.

### **Section 4: Side Dam specs**

- 4-1 Side dam are NOT Allowed

### **Section 5: Rear Spoiler Specs**

- 5-1 Rear spoiler can only be as wide as the body at the rear quarter panels.
- 5-2 Rear spoiler 3" max from deck.
- 5-3 The end caps must be a triangle shape. [\(See template\)](#)  
You may have one fin on the spoiler and two side caps. The third fin must also be the same dimension as side cap.  
It can be located anywhere on the spoiler between the two side caps. The fin must be in line with the side caps on the front leading edge.

### **Section 6: Wheel & Tire Specs**

- 6-1 Tracks choice on which tires are legal (Foam or Rubber)
- 6-2 All wheels must be 17mm buggy based.  
**Spec rubber tires:**
- 6-4 There will not be any grooving or sipping of the rubber tires.
- 6-5 Any street tread type 1/8 rubber tire.
- 6-6 Traction compounds are legal.

### **Section 7: Weight**

- 7-1 8 lb Minimum, 11 lb Maximum.

### **Section 8: Tracks**

- 8-1 The track has final say on rules enforcement!  
**See DLMRA at [ottsspeedshop.com](http://ottsspeedshop.com) for any other Late Model rules.**

## SHORT COURSE MOD

1. CHASSIS - Open to factory stock 2wd short course truck chassis below are some examples but not limited too.

*Team Associated SC10 all versions	*Team Losi XXXSCT	*Team Losi 22sct
*HPI Blitz	*Kyosho SCR	*Venom Gambler
*Traxxas Slash	* Durango DESC210	

- Main tub or frame must be stock to the brand of truck being raced. No offset or LTO chassis will be allowed.
  - No aftermarket woven carbon fiber chassis allowed.
  - Batteries must be in stock position (down the center of chassis ONLY).
  - Electronics can be mounted on the left side of chassis.
  - Up to 2oz can be added to the left side.
2. BODY – Only modified style bodies allowed. No truck bodies will be allowed.
    - A front and rear bumper may be add to make the appearance more realistic.
    - Aftermarket pieces will be allowed for bumpers and body mounting.
  3. MOTOR – Open Motor.
  4. BATTERY – Any 2 cell max., 7.4V Lipo battery hard cased battery.
  5. ESC – Open speed control.
  6. TIRES & WHEELS - Any rubber tire . Must be Non aggressive street tread or slick type tires.
  7. WEIGHT – No weight minimum required.

## 360 SPRINTS

1. DODC.com Sprint Car chassis, body & wing rules apply.
2. MOTOR – 17.5 Stock motor rules. ROAR APPROVED 2pole motors only.
3. BATTERY – Any 2 cell max., 7.4V Lipo battery hard cased battery.
4. ESC - Any Sportsman ESC/ ESC in a sportsman setting is allowed. (Blinky Mode)
5. TIRES & WHEELS - Any "Custom Works" rubber tire that fits within the DODC rules for Rubber Tires.
6. WEIGHT – 57 oz. minimum with transponder before or after the race.
7. Small front wing (8 sq in.) is allowed. 6" x 6" Top Wing is the maximum size 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 – 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. ESC - Any Sportsman ESC/ ESC in a sportsman setting is allowed. (Blinky Mode)
5. TIRES & WHEELS - 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.

**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](http://www.DFRCR.com)) for latest rule updates.

Revised: March 5, 2016

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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:

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(Signature from DFRCR)