

# **1/10 LATE MODEL**

## **2016 Outdoor Rules**

(Last Updated 3/15/16)

**\*\*\*Allen's R/C Raceway follows basic DODC rules for our Late Model Class\*\*\***  
**Track Specific rules are in GREEN**

### **CHASSIS RULES:**

**General:** For turn marshal safety all cars must have a front bumper that is made of a shock absorbing material e.g. nylon, delrin, plastic, kydex etc. 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 cars must have 4-wheel independent suspension, single speed transmissions only. No Gyros of any kind are allowed. All power, radio equipment and weights must be in a secured and fixed position and not moveable during a race.

**Tires:** Tire choice will be determined by track surface and race organizers. General tire choices will be between either foam tires or rubber tires however a race director may implement a SPEC tire rule if desired. Track owners may restrict tire additives at their discretion. Any tire additives that are used must be wiped clean from the tires before any races or practice sessions. No silicone capped or impregnated tires or rubber capped foam tires allowed.

#### **Rubber Tires:**

Max wheel diameter: 2.2" front and rear  
Max wheel width: 1.750" rear, 1.000" front  
Max tire width: 1.850" rear, 1.250" front

#### **Allen's Approved Tires**

**Front: AKA Rebar #13208 with Red Insert #33014**

**Rear: AKA Rebar #13108 with Red Insert #33012**

Insets cannot be ground, cut, or altered in any way.

Cutting, narrowing, cutting the inside webbing or sidewall, or altering the carcass of the tire is not allowed.

**2WD Chassis:** All entries must be 2wd and rear wheel drive only. No straight axle cars are allowed. No front brakes allowed.

Wheelbase: 9.5" min, 11.5" max  
Maximum width: 10.250" (rubber tires)  
Electric Minimum Weights  
Rubber Tires: Sprint = 57.0oz

## POWER RULES:

### **Motors:**

Modified: Any ROAR Approved Brushless 540 Modified motor.

### **Batteries:**

Any ROAR approved 7.4 Volt 2 cell Lipo battery are legal. Batteries must use a quick release hobby grade connector for connection to the ESC ie:sermos, deans, traxxas etc.

All racers shall take every precaution to insure safe charging and discharging techniques with their batteries. This shall include but is not limited to, attentive monitoring of battery during charging and use of a proper charging container i.e., LiPo sack. To ensure safe charging methods are followed by all competitors, all batteries may be checked prior to each race to ensure battery voltage is a maximum of 8.44 volts or less. If the battery reads 8.45 or more you do not race. Battery temperature may also be checked with the following pre-race procedure. A control pack will be placed in the tech area for the purpose of monitoring the pack temperature. Checked batteries shall be no more than 10° F above the temp of the control pack.

### **Speed Controls:**

The following options for Electronic speed control rules are available under the DODC electric classes. When choosing an electric class of competition the speed control used for that class must be defined by one of the following three options.

Open Speed Control/ Open Timing. Any production ESC with an average street price of no more than \$250.00 is legal in this class. There are no restrictions on timing profiles for these ESC's. Must be available thru normal hobby distribution channels.

## **Body Rules:**

All Latemodels, Dirt Modifieds and Sprint car bodies and cages must resemble contemporary full scale cars racing in "World of Outlaws" and "DIRT" sanctioned events. All corners of bodies and wings must be rounded for safety.

All height measurements are from bottom of chassis unless otherwise noted.

### Late Models

The only bodies legal for the Late Model class are those that have been approved by DirtOval.com and are listed on the DirtOval.com Approved Late Model body list. Any manufacturer who would like to have a body approved may contact DirtOval.com for approval specifications and instructions. Molded portion of body can be no longer than 22". Approved body lists will be amended on APRIL 1st and OCTOBER 1st of each year.

Late Model bodies may have openings for cylinder head, fuel tank access, glow plug, engine tuning, and exhaust outlets only. An under body support may be added to brace each rear quarter panel, but must hold it in stock position, can not be flared out. No additional wings, flaps, spoilers, wickers, vents or doohickeys will be allowed. Body may not be altered in any way from it's stock configuration ie: shortened, lengthened, narrowed, flared fenders etc. Front and rear windows may be removed at trim lines but a flat lexan or similar material deck must be added in cockpit area. Bodies with add on roofs may leave front and rear windows in or out but roofs must be mounted in stock position. All four wheel wells must be cut out to appropriate scale dimensions.

- **Rear Spoiler: maximum chord from body deck including any wickerbills:**
  - 2.00" for Foam Tire**
  - 2.50" for Rubber Tire**
- **Rear Spoiler Cap: See Drawing**
- **Maximum rear deck height from bottom of chassis is 4.0"**

DirtOval.com Approved Late Model Body List : Effective: 10/01/12 thru 03/31/13

- Custom Works #9012 Eldora Late Model (10.0")
- Custom Works #9015 Springfield Late Model (10.0")
- Custom Works #9016 Paducah 2 Late Model (10.0")
- Custom Works #9070 Keystone Late Model (9.0")
- Custom Works #9071 Buckeye Late Model (9.5")
- Custom Works #9072 Mountaineer Late Model (10.0")
- McAllister #207 Tulsa Late Model
- McAllister #250 Vegas Late Model
- McAllister #252 Winchester Late Model
- McAllister #237 Bakersfield Late Model

- BMS Racing #P103 Shadow
- Factory Works #7353 Rocket Late Model
- Factory Works #7357 Concord Late Model
- C&M Bodies #2010 Volunteer Late Model
- C&M Bodies #2010-003 Nightmare Late Model
- C&M Bodies #2011-001 Volunteer 10"
- C&M Bodies #2011-002 Nightmare HD 9.5"
- Stalker Bodies #009 Sniper 9 Late Model
- Stalker Bodies #010 Sniper Late Model
- Stalker Bodies #011 Specter 9.5
- Stalker Bodies #012 Specter 10
- Stalker Bodies Specter 9.0
- Stalker Bodies Prowler 10
- Protoform #1234-21 Cyclone 9.5 Late Model
- Protoform #1235-21 Cyclone 10.0 Late Model
- Protoform #1238-30 Nor'easter Late Mode

### **LATEMODEL SPOILER SUPPORT**

- ALL DIMENSIONS MAXIMUM UNLESS NOTED.
- 2 PER BODY, MOUNTED AT ENDS OF SPOILER.
- ALL CORNERS MUST BE ROUNDED FOR SAFETY.

