



# OUTLAW LANE

## 2021 Racing Season





## Racing Etiquette

Drivers are expected to follow some simple guidelines for racing etiquette.

- No abusive language toward Marshalls or other drivers will be tolerated.
- No corner-cutting or short-cutting the track. If you accidentally short-cut, wait either for a marshal to return you to the correct part of the track, or wait long enough to ensure that no advantage is gained. This applies even if you accidentally short-cut due to a crash that is not your fault.
- No 'hacking' other drivers. Intentionally or recklessly crashing into other cars is called hacking. It's your responsibility to ensure you leave the drivers around you enough space – including not charging into corners and using other cars as brakes!
- When being lapped by faster drivers, it's polite to leave a little space to ensure they can get by within minimal delay. You don't need to pull off the track, or stop – just leave a little room and talk on the driver's stand. For example you might say "Go inside on the next corner John" and just leave enough room for the driver lapping you to do so.
- If you feel aggrieved about an incident on the track, please take it up with the race director.

## Marshalling

Marshalling is part of racing. The task of a Marshall is to upright overturned cars, return crashed vehicles to the race track, and separate vehicles that have become locked together. Guidelines for Marshall (all of us) are:

- You are obligated to Marshall the race that you aren't racing in (*rule of thumb is the very next race after you race*). If you fail to Marshall your race result may be cancelled. Repeated failure may result in exclusion from the event.
- Your first responsibility as Marshall is your own safety. Don't enter the track unless you are certain there are no oncoming vehicles that threaten your safety. This is particularly true if you are marshalling on the straightaway's.
- Please don't eat, drink or film with a cell phone while marshalling.
- If multiple vehicles crash, generally try to fix them in the order they crash.
- Place vehicles back on track facing the correct direction.
- If a driver has the throttle opened, don't pick up the vehicle. Standing over it, hands in the air, indicates you are waiting for the driver to release the throttle.
- Marshalls are not in place to repair broken vehicles. If a vehicle breaks, remove it from the track and pass it around the outside (through other Marshalls) back to the pit area for repairs.



### Heat race rules:

- Each heat race is four minutes.
- Each heat race line up grid max is 5 vehicles. If there are 6 - 8 entries the heat race grid will be divided into two group heat events.
- Heat races are used to qualify for the mains. This is to determine who qualifies for the “A” main and lower mains.
- Each race event will have two heat races. Special events may have a different format.
- Each heat group may compete or there may be a resort for both races utilizing the standard rule package for heat races.

### Main rules

- “A” Main heat is a five minute or laps event (NOVICE 4 min). Lower mains through the B main are 4 minutes or by laps.
- Lineup will be based on best finish/time from heat races as determined by the computer system.
- There is only one “A” main event per (class) race event.

### Vehicle transponder

Each vehicle is required to have their own transponder that will work with the MYLAP timing system. These transponders can be found at: <https://www.mylaps.com/en>.

Compatible MYLAP transponders that will work with our RC4 MYLAP system:



	AMB 20	AMBrc	AMBrc DP PT	RC4 Hybrid	RC4
AMB20 decoder	Lap timing	Does not work	Does not work	Does not work	Does not work
AMBrc (RC2) decoder	Does not work	Lap timing	Lap timing	Lap timing	Does not work
RC3 decoder	Does not work	Lap timing	Lap timing	Lap timing	Does not work
RC4 decoder	Does not work	Lap timing	Lap timing	Lap timing	Lap timing
	-	-	-	Temperature	Temperature
	-	-	-	Voltage	Voltage
	-	-	-	*Car ID's possible	Car ID's possible
	-	-	-	-	Custom numbers available

\*Will be RC4 Car ID, not a Hybrid

If a transponder fails to work during a heat race that vehicle is awarded last place. If the transponder isn't fixed; the driver can continue to race but will not be scored.



If a transponder fails to work after the first heat race all rules in the above paragraph apply.

It is the responsibility of the driver to ensure his/her transponder works properly at all times.

### **Track Suspension**

Any person/driver that behaves in a manner considered disrespectful towards other drivers or marshals will receive a warning. Continued behavior will result in a suspension for the driver not vehicle of a selected number of races decided by the race director.

Any driver that operates their vehicle in manner that is determined to be reckless and/or intentionally running into other vehicles for personal/team gain will receive a warning by the race director and/or lose driver points and/or put on probation. Continued behavior will result in driver suspension determined by race director. Vehicle is still eligible to race by another driver in a different event.

Any vehicle caught using equipment outside the rules for that particular class will be disqualified for that race event. Continued practice of this type will result in a suspension from the track.

Drivers not following rules of the host track and removed by track owners may not be allowed back to the track.

Regardless of suspension or forfeit of season no track entry fees will be returned.

Drivers who fail to properly execute their duties as marshals will receive a warning by the race director and put on probation for a period of races determined by the race director. If at any time during this probation period the same driver has to be told again to fulfill their marshal duties they will suspended from the track. Vehicle is still eligible to race with another driver.



**Series Points:**

Season series will consist of 10 races with drivers getting 2 drops. If 6-7 events are completed due to weather, 1 drop; 5 events or less there are no drops. Points will be awarded each race as described below:

1 <sup>st</sup> : 100	11 <sup>th</sup> : 80	21 <sup>st</sup> : 60
2 <sup>nd</sup> : 98	12 <sup>th</sup> : 78	22 <sup>nd</sup> : 58
3 <sup>rd</sup> : 96	13 <sup>th</sup> : 76	23 <sup>rd</sup> : 56
4 <sup>th</sup> : 94	14 <sup>th</sup> : 74	24 <sup>th</sup> : 54
5 <sup>th</sup> : 92	15 <sup>th</sup> : 72	25 <sup>th</sup> : 52
6 <sup>th</sup> : 90	16 <sup>th</sup> : 70	26 <sup>th</sup> and below: 50
7 <sup>th</sup> : 88	17 <sup>th</sup> : 68	
8 <sup>th</sup> : 86	18 <sup>th</sup> : 66	
9 <sup>th</sup> : 84	19 <sup>th</sup> : 64	
10 <sup>th</sup> : 82	20 <sup>th</sup> : 62	

Bonus points will be awarded to individuals based on the following conditions:

- Winners of lower mains will receive bonus points as follows:
  - B Main Winner: 2 points
  - C Main Winner: 4 points
  - D Main Winner: 6 points
  - B Main Runner Up: 1 point
  - C Main Runner Up: 3 points
  - D Main Runner Up: 5 points
- Individuals who attend all races will receive a 8 point bonus at the end of the season.
- All Trophy Races are season points events (except SMS events).



# CLASSES

## **SC MODIFIED:**

Must be a SC Based Chassis

Carbon fiber chassis allowed. Must meet the following specs.

All suspension components, transmission, front and rear bulkheads must be on center line of the vehicle.

All larger volume OEM Chassis are legal IE “AE, TLR, Traxxas”

Aftermarket or specifically built chassis and kits must conform to the following specifications.

Maximum Chassis width 7”

Minimum Chassis width 5 1/8”

Maximum left side of chassis can be from centerline is 3 1/2”

Right side must be a minimum of 2.25” from centerline to outside edge of chassis.

Cages: Must represent a cage, no solid plastic cages, must be cut the same on both sides.

Minimum wheelbase 12.5”

Maximum wheelbase 13.5”

Shock bodies min length 1”

Front Track width Min 11.42” \*UPDATED TO MEET ROAR SPECS\*

Front track width Max 11.65” \*UPDATED TO MEET ROAR SPECS\*

Front Suspension arms must be equal size left and right

Rear Suspension arms must be equal size left and right

Adjustable Rear Suspension arms are allowed.

Battery must be mounted on the centerline of the vehicle. Can be either designed front to back or sideways across the chassis but center of battery must be on centerline of chassis.

MOTOR and ESC: Open

- No 8<sup>th</sup> scale motors allowed

BATTERY: 2 Cell Hard Case LiPo battery only

TIRES: Open



- Only Short Course Wheels

### SC BODY RULES:

Body Length, Width, and Height:

13" max body width

28" max length (bumper to spoiler)

7.5" max body height measured from bottom of chassis

Center deck:

1" max deck rake.

1" max center deck taper (widest point of the deck can only be 1" wider than the narrowest point of deck)

Spoiler:

1.5" max spoiler height

Spoiler end plate max 2" high off-center deck and 3.25" long

Roof:

0.5" max roof rake measured from deck

Maximum Roof width 9"

Maximum Roof length 9"

No roof spoilers, a bend down at the trailing edge of the roof is allowed for strength

Roof side rails allowed but must have a scale appearance and be on both the left and right sides of the roof.

1/4" bend down at the leading edge of the roof allowed.

Roll cage/Roof Supports:

Roll cage/roof supports must be cut or formed to resemble a roll cage. No solid panel roof supports. Window netting and rock guards are allowed.

Nose:

Nose sides can extend a max of 1/4" above the plane of the nose panel

Nose sides can extend a max of 1/4" above the plane of the hood panel

Nose cannot extend past the inner edges of the front wheels

Main nose panel must be a flat plane. No concave or scooped noses allowed.

Rear wheel wells must be cut out to expose most of the rear wheel

Left and right windows and sails can be open as long as both sides are the same

## **410 SPRINT**

DODC RULES APPLY



BATTERY: 2 Cell Hard Case LiPo battery only

MOTOR and ESC: Open

TIRES: Open

### **360 SPRINT**

DODC RULES APPLY

BATTERY: 2 Cell Hard Case LiPo battery only

MOTOR and ESC: 13.5 Hobbywing V10 G3R (#30401130) motor ONLY. Open ESC (Blinky mode).

TIRES: Open

### **WINGLESS SPRINT:**

DODC RULES APPLY

BATTERY: 2 Cell Hard Case LiPo battery, MAX 8.4 Volts

WEIGHT: 53 OZ.

MOTOR and ESC: 13.5 Hobbywing V10 G3R (#30401130) motor ONLY. Open ESC (Blinky mode).

TIRES: Open

### **OPEN LATE MODEL:**

DODC RULES APPLY

BATTERY: 2 Cell HARD CASE Lipos. VOLTAGE CHECKED IN TECH FOR 8.40 VOLTS MAX.





NO GYROS OR DRIVING ASSIST DEVICES ALLOWED.

MOTOR: Open

ESC: Open

TIRES: Open

**MIDWEST MODIFIED:**

MOTOR and ESC: Open

BATTERY: 2 Cell Hard Case LiPo battery only

TIRES: Open

BODY RULES: See DirtOval.com 1/10 Mid-West Modified Rules

**Street Stock:**

Any 1/10th scale buggy. Must be a factory based off-road buggy.

Approved manufacturers are Associated, Losi, Traxxas, Kyosho, Durango, Team C, Xray, Yokomo, Hobao H2.

Chassis must remain stock, no aftermarket/non-OEM upgrades except RPM Brand parts designed for the chassis. OEM Option parts sold by these companies; designed for their cars are allowed.

Big Bore and threaded OEM Shocks are allowed.

SPRINGS: They can be from any manufacturer in the RC Industry not only OEM.

Rear wheel drive only.

Mid or rear motor allowed.

Adjustable rear A arms are NOT allowed.

BATTERY: 2 Cell Hard Case LiPo battery only



MOTOR: Any 13.5T

- No kv equivalent motors allowed.

ESC: Blinky mode only (must visibly show a blink)

TIRES: Open

BODY

- Max 1" Spoiler from the deck, no side caps.
- Any currently available body that is a production based street car full windows intact.
- No decking, body must be mounted to touch on shock towers without modifications to body or production shock towers.
- Wheel wells must be fully cut out to expose wheels.
- Rear bumper and tail panel must be intact and cannot be modified.

### **SC Late Model:**

- Chassis: Short Course trucks only, no aftermarket chassis or towers, no conversion chassis, no purpose built Oval chassis, battery mounted in stock position.
- Motor/ESC: Any 10.5T motor with Blinky ESC.
  - No kv equivalent motors allowed.
- Batteries: 2 Cell Hard Case LiPo battery only.
- Tires: Open
- Body: Any 1/8 scale late model body (manufactured or built). Maximum 2.5" rear spoiler.
- Rear Arms: Stock only, No adjustable rear arms.
- Wheels: Only short course wheels.

### **SC B MOD:**

CHASSIS: Short Course trucks only, no aftermarket chassis or towers, no conversion chassis, no purpose built Oval chassis, battery mounted in stock position.

MOTOR and ESC: Open

- No 8th scale motors allowed



BATTERY: 2 Cell Hard Case LiPo battery only

TIRES: Open

- Only Short Course Wheels
- Shock: Original or Brand manufactured option shocks allowed but must be used in its originally intended configuration. IE – no front shocks on the rear ect. Limiting of the shocks with internal limiters is OK.
- Adjustable Arms/Shock tower: No adjustable rear arms or lowered shock towers. No sway bars allowed.
- Spring: They can be from any manufacturer in the RC industry.
- Wheels: Only short course wheels.

SC B MOD BODY RULES:

- Body Length, Width, and Height:
- 13" max body width
- 28" max length (bumper to spoiler)
- 7.5" max body height measured from bottom of chassis

Center deck:

- 1" max deck rake.
- 1" max center deck taper (widest point of the deck can only be 1" wider than the narrowest point of deck)

Spoiler:

- 1.5" max spoiler height
- Spoiler end plate max 2" high off-center deck and 3.25" long

Roof:

- 0.5" max roof rake measured from deck
- Maximum Roof width 9"
- Maximum Roof length 9"
- No roof spoilers, a bend down at the trailing edge of the roof is allowed for strength
- Roof side rails allowed but must have a scale appearance and be on both the left and right sides of the roof.
- 1/4" bend down at the leading edge of the roof allowed.

Roll cage/Roof Supports:

- Roll cage/roof supports must be cut or formed to resemble a roll cage. No solid panel roof supports. Window netting and rock guards are allowed.

Nose:

- Nose sides can extend a max of 1/4" above the plane of the nose panel
- Nose sides can extend a max of 1/4" above the plane of the hood panel



- Nose cannot extend past the inner edges of the front wheels
- Main nose panel must be a flat plane. No concave or scooped noses allowed.
- Rear wheel wells must be cut out to expose most of the rear wheel
- Left and right windows and sails can be open as long as both sides are the same.

### **NOVICE:**

This class is for rookies and can enter any style of 1/10 scale RC. (no 4x4)

Batteries: 2 Cell Hard Case LiPo battery only.

Motor: Open

Tires: Open

### **Crate Late Model:**

Any 1/10th scale buggy.

Rear wheel drive only.

Mid or rear motor allowed.

Straight Rear A Arms or Adjustable Rear A Arms, adjustable arms must be set to zero.

BATTERY: 2 Cell Hard Case LiPo battery only

MOTOR: Any 13.5T

- No kv equivalent motors allowed.

ESC: Blinky mode only (must visibly show a blink)

TIRES: Open

BODY: 1/10 late model body. DODC body rules apply. (Same as open late model)

\*Basically, your Street Stock with a Late Model Body\*