

# Twin County Dirt Oval Classes and Rules

## Losi 22s Sprint (PRO)

### Body

- Any of the 3 pre-painted bodies may be used.
- Bodies must remain with stock mounting.
- Driver figure, upper wing and front wing must remain stock.

### Chassis

- Only "box stock" chassis will be allowed. No Modifications at all!
- No aftermarket chassis or parts will be allowed.
- Transmission case must remain stock.
- Must have stock internal gears.
- NO modifications to the transmission allowed.
- **Gearing is open!**

### Electronics:

- Only Box Stock OEM electronics will be allowed.
- A 30mm Fan is allowed for the motor in the provided mounting location on the chassis
- No motor tampering, or modifications are allowed.
- Must use stock steering servo.
- Any 5200 50c battery can be used.
- Battery must remain in stock location.
- Any Radio/Receiver can be used.

### Tires

- Any 2.2 2WD buggy tires no pins
- Minimum weight: 84oz **Adjustments:**

Items you may adjust:

Camber, front toe, ride height, shock oil, any springs can be used, shock limiting, shock preload, factory shock locations.

# Dirt Midget Rules:

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

## General

- Maximum Overall Length: 16.750". • Maximum Chassis width: 4.2" • Maximum of 4 shocks can be used.
- Solid axles are allowed.
- If solid axles are used the rear axle must be square with centerline of the chassis and parallel to the front axle.

## Wheelbase

- Min 9." Max 10.0"

## Width

- Min 8.5" Max 10.0"

## Rear Toe

- Only non adjustable rear arms can be used.
- Trackside toe adjustable rear hubs and or arms are not allowed.
- Trackside adjustable wheelbase is not allowed (can't have toe blocks or anything else attached to an easily adjustable mechanism to allow for wheelbase change trackside).
- Left rear can be toed in via toe block.
- Right rear can be toed in but can NOT be toed out.

## Offset

- Right side of the cage can be no further offset from the outside of the RR tire than 3.625"

## Ballast Weight

- Brass, tungsten or steel hubs, arms, arm inserts, caster blocks, steering arms are not allowed.
- Ballast weight can be attached to the main chassis area is allowed as long as it's secured properly.

## Transmission

- 3 gear transmissions only.
- No DD, 2, 4 or 5 gear transmissions will be allowed.
- All gears must be full gears.
- No narrowed or lightened gears allowed.
- Plastic, Aluminum and Steel gears are permitted.
- Steel outrives only.
- Blades are permitted.
- No gear diffs allowed.
- No rear motor cars allowed unless you can do it in a manner that the tail tank is appropriately sized and located.

## Solid Axle Option

- If a solid rear axle design is used it, the motor must be mounted to the chassis and cva/cvd must be used to drive the rear axle.
- No belts or chains will be allowed.
- A spur gear and pinion must be used in conjunction with the motor plate mounted to the chassis.

## CVA/CVD

- Dog bones must be equal length.
- Axles and bones must be made from steel.
- No aluminum, titanium or magnesium axles or bones allowed

## Speed Controller

- Hobbywing Justock Speed controller # 30112003

## Motor

- Hobbywing 13.5T Justock #30408010

## Battery

- 25 hard case lipo

## Tires

- Tire choice is track/event choice.
- This class must be on a spec tire and only 1 spec tire is allowed at an event or track.
- Promotor can choose the tire that works best for their event but must make a choice on only one tire option for this class.
- If there are multiple compounds of the same style of tire then they can be used.
- No cutting, grooving or modifying the size and shape of tire is allowed

## Cage

- Must have a scale appearing contemporary cage made out of rounded stock.
- The cage must be symmetrical left to right and mounted level to the chassis.
- Unrealistic shaped cages designed to exploit the rules below are not permitted.
- Maximum cage width at driver halo, down tubes, and top frame rail:
  - 3.600". Minimum cage height is 6.00" while maximum cage height 6.25" from top of chassis to top of cage at highest point.
  - Rear "down tubes" must slant forward.
- All cage and body components such as cage, bumpers, nerf bars, hoods, side panels, tanks, etc. must be mounted on the centerline of the cage.
- Chassis may not extend outside of the side panels by more than 1/4" on either side.

## Bumpers

- A tubular front bumper must be used and may not be designed to direct air or create downforce.
- Maximum height of front bumper is 1.5" from the bottom of the lowest point of the chassis.
- Scale appearing side nerf bars must be used on both sides of the car.
- A scale appearing rear hoop style bumper must be used. Bumpers and nerf bars must be made of rounded stock with no sharp edges.

## Tail tank

- A traditional scale appearing rounded style three dimensional rear fuel cell must be used.
- A rectangle (Swindell) style rear tank is allowed but must have a proper style rear bumper to go with it.
- You can not simply have a flat tail section with no bumper.

## Headers

- Three dimensional scale appearing headers must be used on the left side of car in "engine area". Material must be plastic or aluminum.
- Not allowed to make inserts for these to add ballast weight.

## Side panels

- Flat side panels may be made from molded or fabricated polycarbonate.
- Maximum height of side panels in front of the driver cockpit is 4.50" from the bottom of the chassis.
- Must have minimum of 1/2" high by 2.5" long openings on both sides of cage in driver compartment.
- Additional material may be used/added to either side of the side panel openings to replicate a scale appearing driver but may not exceed 1" x 1".
- Side panels may not extend beyond the cage by more than 0.25".

- Side Panels may not extend into the area that is behind the rear axle AND below the top of the rear nerf bar.
- Scale appearing driver arm guards and engine vents may be used but cannot extend more than 3/8" from the side panels.
- No other flares or turnouts designed to deflect, trap and/or form a pattern for air to travel in a directed manner are permitted except for those used to cool electronics.

### **Hood**

- A scale appearing hood must be used and is defined as beginning at the point where torsion tubes or cross brace would be on a 1:1 car behind the front bumper.
- The hood must be tall enough and wide enough to allow room for a scale engine intake and air cleaners (no unrealistically low or flat hoods).
- Minimum vertical gap from top of hood to bottom of front cage crossbar.

### **Nose Area**

- No molded or fabricated nose piece may be used and is defined from the torsion tube or cross brace would be on a 1:1 car.
- You are not allowed to have anything below that point that is on the same plane as the hood.
- No scoops or bodywork allowed in this area.
- You can have side panels along the front of the cage but they are not allowed to stick past the cage sides.

### **Extra Panels**

- No molded or fabricated scoops, wings, or extra panels can be added to the car to create downforce.
- The panel in the cockpit area that is used on full size cars at the Chili Bowl is not legal.

## **Rubber Tire Late Model**

### **Chassis**

- Must be Loose Dirt Late Model Chassis or Late Model Buggy Conversion.
- 2wd and Rear Wheel drive only
- No front brakes allowed

- Wheelbase 9.5" min and 11.5" max.
- No straight axles.
- Maximum width: 10.250" Suspension:
- Car must have 4-wheel independent suspension.

**Transmission:**

- Must have transmission, no direct drive allowed.

**Steering:**

- Open servo
- Open Radio
- No Gyros or assist devices
- No additional batteries for receiver, transponder etc...

**MOTOR:** Hobbywing 13.5T Justock #30408010

- ESC in blinky mode or the Reedy 3300 2 or 4 pole motor With Reedy ESC.
- Any 2 cell hard cased lipo battery may be used.
- No additional batteries are allowed including those used to power receivers or cooling fans.
- All batteries will 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 on the SCOR Voltmeter you will be required to run your battery down to 8.35 prior to entering the race.
- No Gyro's or driving assist devices will be allowed.

**Tires/Wheels:**

- Open Tire
- Tires must be mounted on standard front and rear 2.2 wheels.
- Inserts can be punched or altered.
- No banding or taping of the inside of the tires to prevent growth or ballooning.

**Bodies:**

- Any 1/10 DODC Approved Late Model Body.
- All side windows must remain
- Max 2.5" Spoiler allowed
- Body braces may be used however no flaring.
- No additional wings, flaps, spoilers, wickers, vents or doohickeys will be allowed. Body may not be altered in anyway from the stock configuration.
- All four-wheel wells must be cut out to the appropriate scale dimensions. • Max deck height from bottom of chassis is 4" Weight:

- Car (ready to race) must weigh a minimum of 55oz.
- All power, electronics and weights must be in a secure and fixed position not removeable during a race. Loss of weight could result in post-race DQ.



## Buggy Street Stock

### Chassis

- Any Production 2/WD Buggy platform chassis SR10 ○ Mid or rear motot buggy

### Motor

- Any ROAR 13.5 ○ Reedy 3300 (2 or 4 Pole)

### ESC

- Hobby Wing just stock G1, G2, G3 ○ Reedy SC 450, 500, or 600



## Battery

- 2 cell lipo ○ 5200 50c full-size packs ○ 5800 100c shorty packs ○ Max 8.44V before the race
- No HV packs allowed

## Suspension

- Only stock shells allowed, must match the chassis manufacturer ○ Lowering using your choice of internal limiters
- Aftermarket springs allowed ○ Adjustable rear arms allowed ○ Carbon fiber parts only allowed in cone stock with the kit

## Transmission ○ Must be stock and match

chassis

## Gears

- Open

## Body

- Any available Street Stock Body
- No Decking ○ Spoiler height max 2" ○ No side dams allowed
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# TRAXXAS SUPER STREET

## Chassis

- Traxxas slash 2wd HCG or LCG chassis
- Gearing subject to change based on LCG vs. HCG lap times
- Must use original and unaltered gear box, front bulkhead, and stock tower
- No adding weight with the exception of tire balancing
- Flipped rear a-arm not allowed

## Electronics

- Any Radio
- Any Servo

- Traxxas XL5 ESC
- Titan 12T motor
- HV speed control no allowed
- Any 2-Cell 5000MAH or 5200mAH 50c battery

### Gearing

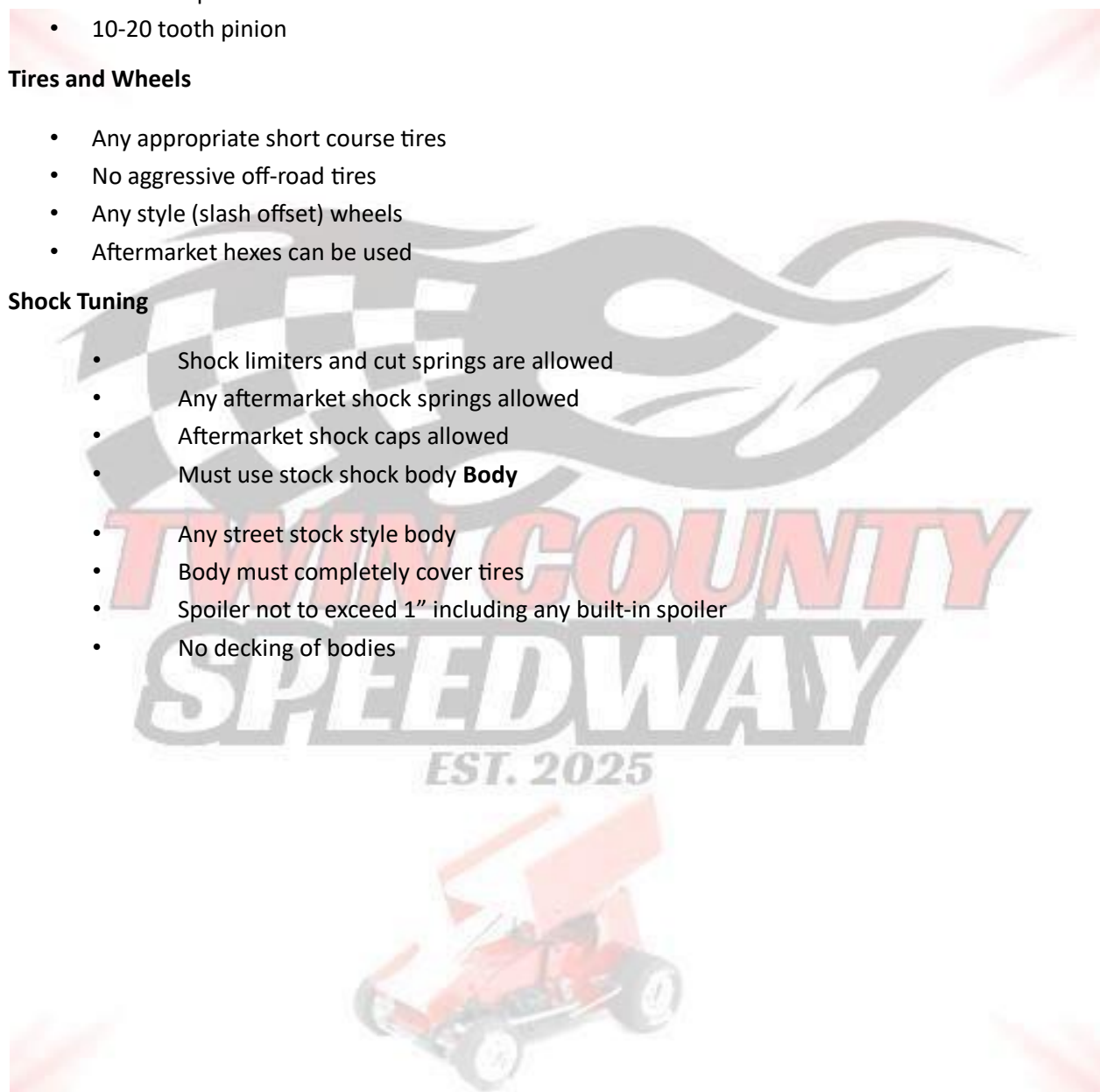
- 90 tooth spur
- 10-20 tooth pinion

### Tires and Wheels

- Any appropriate short course tires
- No aggressive off-road tires
- Any style (slash offset) wheels
- Aftermarket hexes can be used

### Shock Tuning

- Shock limiters and cut springs are allowed
- Any aftermarket shock springs allowed
- Aftermarket shock caps allowed
- Must use stock shock body **Body**
- Any street stock style body
- Body must completely cover tires
- Spoiler not to exceed 1" including any built-in spoiler
- No decking of bodies



# Rookie Breakout 5.5

## Chassis:

- Any chassis is allowed

## Tires

- Open Tire
- Nothing pin aggressive

## Battery

- 2 cell battery
- 8.44V MAX



## Losi Nas Truck

Losi Nas Truck Box Stock Motor, Electronics, and Transmitter ect.

**Body:** Losi Nas Truck body Pro 365300, Pro 365500, and Pro 365400

**Tire:** Pro 1030310 Tire ONLY

Can use motor heat sink Los-1920

Stock Gears

May use any aftermarket Losi Nas Truck parts Like aluminum driveshaft, ect.

**Battery:** 7.4-volt 2200mah 22s 60c G-Tek Lipo xt 60. (Gea222s60x76gt)

## Losi NasCar

### BOX STOCK

Must use all stock electronics, motor and transmitter ect.

Stock spektrum 1400 30c

Spmx142s30h2

Stock gearing

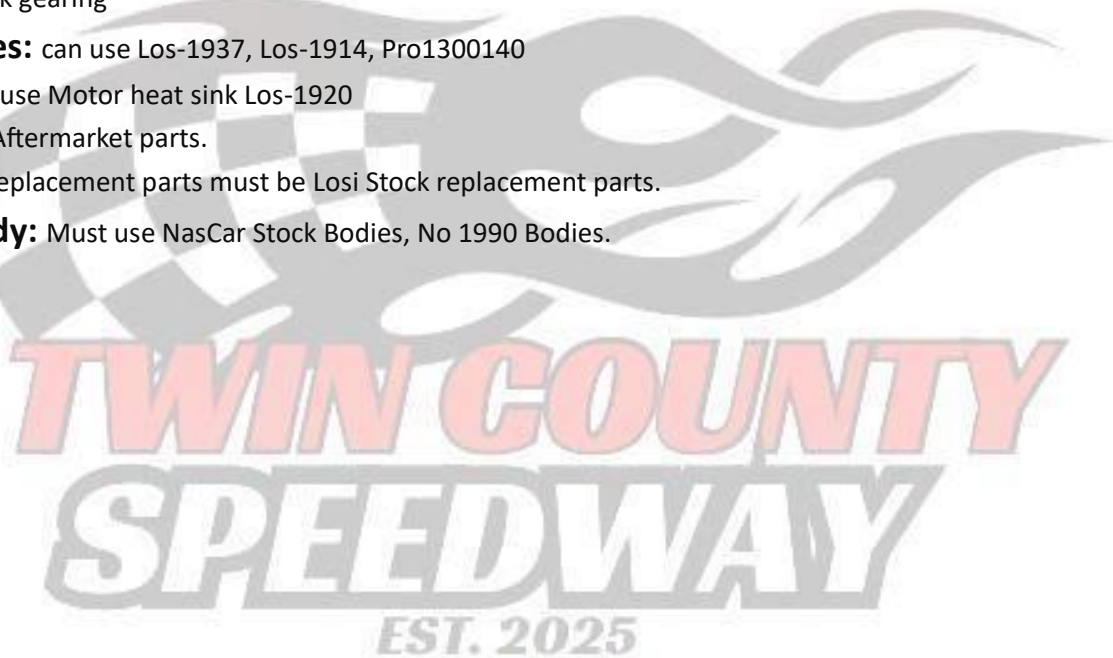
**Tires:** can use Los-1937, Los-1914, Pro1300140

Can use Motor heat sink Los-1920

No Aftermarket parts.

All replacement parts must be Losi Stock replacement parts.

**Body:** Must use NasCar Stock Bodies, No 1990 Bodies.



## Traxxas Modified Rules

**Body:** Any of the 5 pre-painted bodies or clear body may be used (TRA10411). Bodies must be clipless with stock mounting. Driver figure and rear spoiler must remain stock. Aftermarket front nose body hold down is allowed.

## Chassis:

- . Only "BOX STOCK" Traxxas Modified chassis will be allowed.
- . No aftermarket parts can be used.
- . Transmission case must remain stock. No plastic internal gears.
- . 86 tooth stock spur gear must be used. 23 tooth pinion gears are allowed ONLY.

## Electronics:

- . ONLY "BOX STOCK" Traxxas modified OEM electronics may be used. Traxxas BL-2s ESC part #3383, Traxxas BL- 2s 3300 kv brushless motor part# 3384 (no motor tampering allowed any motor modifications will result in immediate disqualification) and Traxxas stock 2075, 2075R or 2075x steering servo.
- . Any ROAR legal 2s hard case battery that is 5200 maximum capacity, 50C rating
- . Stock radio
- . You can run 3476 and 3340 cooling fan.

## Adjustments:

- . Items you may adjust: Camber, Front Toe, ride height, shock oil, factory shock location and battery location front rear.
- . There is no weight rule.

## Suspension:

- . Stock Traxxas Late model shocks must be used (any of the 5 colors allowed). Front bodies and shafts stay in front and rear bodies and shafts stay in rear.
- . Only original Traxxas late model springs may be used. Front Spring part #5434 and rear spring part #5434

## Tires:

- . Stock Traxxas modified Box stock tires ONLY.
- . Tires may be cleaned with water or simple green ONLY.

**May use tire #10473R & 10474R**

## Common Sense:

- . If these rules do not specifically say yo9u can do it, You CANNOT Period.

# Traxxas Late Model Rules

**Body:** Any of the 5 pre-painted bodies or clear body may be used (TRA10411). Bodies must be clipless with stock mounting. Iver figure and rear spoiler must remain stock. Aftermarket front nose body hold down is allowed.

## Chassis:

- . Only "BOX STOCK" Traxxas late Model chassis will be allowed.
- . No aftermarket parts can be used.
- . Transmission case must remain stock. No plastic internal gears.
- . 86 tooth stock spur gear must be used. 23 tooth pinion gears are allowed ONLY.

## Electronics:

- . ONLY "BOX STOCK" Traxxas Late Model OEM electronics may be used. Traxxas BL-2s ESC part#3383, Traxxas BL\_@s 3300KV Brushless motor part #3384 (no motor tampering allowed any motor modifications will result in immediate disqualification) and Traxxas stock 2075, 2075R, or 2075X steering servo.
- . Any ROAR legal 2s hard case battery that is 5200 maximum capacity, 50c rating.
- . Stock Radio
- . You Can run 3476 and 3340 cooling fans.

## Adjustments:

- . Items you may adjust: Camber, Front Toe, ride height, shock oil, factory shock location and battery location front rear.
- . There is no weight rule.

## Suspension:

- . Stock Traxxas Late model shocks must be used (any of the 5 colors allowed). Front bodies and shafts stay in front and rear bodies and shafts stay in rear.

. Only original Traxxas late model springs may be used. Front Spring part #5434 and rear spring part #5434

### Tires and Wheels:

. Traxxas late model Box stock tires ONLY!

. Tires may be cleaned with water and simple green ONLY!

May use tire #10473R , 10474R & 10475, 10476.

**Common Sense:** If these rules do not specifically say you can do it, You Cannot!! Period!

## Losi 22.5 Sprint Box Stock

**Electronics:** Box Stock

**Tires:** stock tires los-2418, los-2425, los-2442, los-2430

**Chassis:** Box stock

**Transmitter:** Stock

**Gear:** all stock

**Battery:** Any 5200 50C battery

**Wing can be moved to any stock holes on box stock wing. No Modified holes will be allowed.**

**TWIN COUNTY  
SPEEDWAY  
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## 17.5 Sprint Car



**Chassis:** weight 55oz maximum overall length 18.000", maximum width 4.025" Wheelbase 9.5" min, 11.5" max. tread width max 10.0"

**Motor:** Any ROAR-Approved 17.5 motor. Manufactured parts only will be allowed. No parts of the motor May be modified in any way. Screws may be replaced with aluminum or titanium. Bearings may be replaced with ceramic. Shims may be replaced with Teflon or ceramic. Timing is unrestricted.

**Battery:** Any ROAR-approved 2-cell lipo 7.4v battery. Battery MUST use a connector of some sort (no hardwiring/soldering). Bullets are considered connectors. 8.44 volts measured by track volt meter. Anything over will be required to be ran down before round starts.

**ESC:** Any esc from the Roar- Approved Non-timing ESC list. Esc must be in blinky mode and presented to tech prior to the start of each round. Wires may be shortened/replaced. Capacitors may be added/removed.

**Tire:** Foam tires only. Grooving is restricted, Overall diameter is unrestricted, Tire dope is unrestricted.

**front:** Max wheel diameter: 2.0" width: Max 1.1"

**rear:** max wheel diameter: 2.0" Width: Max 1.5", Min 1.4"

**Cage:** Sprint car must have a scale appearing contemporary cage made out of rounded stock. The cage must be symmetrical left to right and mounted level to the chassis. Unrealistic shaped cages designed to exploit the rule below are not permitted. Maximum cage width at driver halo, down tubes, and top frame rail: 3.600" Maximum cage height 5.5" from top of chassis to top of cage at highest point. Rear "down tubes" must slant forward from bottom to top. All cage and body components such as cage, bumpers, nerf bars, hoods, side panels, tanks, ect. must be mounted on the center line of the cage. Chassis may not extend outside of the side panels by more than ¼" on either side.

**Bumpers:** A flat, curved or tubular front bumper (or combination of) must be used and may not be designed to direct air or create downforce. Maximum height of front bumper is 1.75" from the bottom of the lowest point of the chassis. Scale appearing side nerf bar must be used on both sides of the car (left side of nitro sprint is optional due to the clearance needed for the nitro exhaust). A scale appearing rear hoop style bumper must be used. Bumpers and nerf bars must be made of rounded stock with no sharp edges.

**Tail Tank:** A traditional scale appearing rounded style three-dimensional rear fuel cell must be used.

**Headers:** Three-dimensional scale appearing exhaust headers must appear on both sides of car in "engine area"

**Cage Side Panels:** Flat side panels may be from molded or fabricated polycarbonate, Maximum height of side panels In front of driver cockpit is 3.80" from the bottom of the chassis. Must have a minimum of ¾" high by 2.5" long opening on both sides of cage in driver compartment. Additional material may be used/added to either side panel openings to replicate a scale appearing driver but may not exceed 1"x1". (note that the top wing mounts may cover these openings for winged classes.) Side panels may not extend beyond the rear of the cage by more than 0.25". Side panel may not extend above or in front of the front down tubes. Side panels may not extend into the area that is behind the rear axle and below the top of the rear nerf bar. A Scale appearing driver arm guards and engine vents may be used but cannot extend more than 3/8" from the side panels. No other flares or turnouts designed to deflect, trap and/or form a pattern for air to travel in a directed manner are permitted except for those used to cool electronics.

**Hood area:** A scale appearing hood must be used and is defined as beginning at the front axle and ending at the front of the drivers cockpit. The hood must be symmetrical from the left to right. The hood must be tall enough and wide enough to allow room for a scale engine intake and air cleaners (no unrealistically low or flat hoods). Minimum vertical gap from top of hood to bottom of front cage crossbar: .750". The hood may not drop below the nearest point of the side panels by more than 3/8" and may not have any channels more than 0.25" deep designed to trap or direct air.

**Nose area:** A molded or fabricated nose piece may be used and is defined from the front axle forward to the front bumper. Front bumper may not extend more than 3" from the front axles. Nose piece (any Lexan) must be at least 1/4 " back from the leading edge of the front bumper. Maximum width of the nose piece/bumper is 3.75". Maximum width of any surface

designed to add downforce is 3.125". Nose piece may not extend above the cage down tubes or an imaginary line connecting to the down tubes if the cage is a split design.

**Front Wing /Mounts:** For front wing dimensions see appropriate wing drawing pdf. The front wing center section may not extend in front of the front bumper. Front wing mounts may be made of Lexan but may not 1.75" in height and may not extend in front of or behind the center section of the wing.

**Top Wing/ Mounts:** For top wing dimensions see appropriate wing drawing pdf. The 6x6" main wing will be the standard Sprint Car wing size. Top wings are mandatory and front wings are optional. Top wing height at leading edge: 5.00" minimum/ 6.5" maximum from bottom of chassis. Center section and side panels must be made from at least 3 separate pieces of polycarbonate, carbon or aluminum material. All corners and edges must be rounded and free of sharp edges. Main and front wing must be mounted so that they are centered on cage, no offset wings. Wing center sections must have all 4 corners set at a 90 degree angles, no canted or angled panels. Wings must also be mounted level from side to side. Center section of wing may not extend beyond leading or trailing edge of side panels. Side panels must have braces that hold side panel rigid at 90 degree to center section during race conditions. Two braces can be a maximum of .750" wide and front edge of front brace must be on more than 1.5" back from side panel leading edge. Side panels may have front, back, top and bottom turnouts of no more than .375" and are include in max dimension. Flat foil center sections will be allowed a .250" turndown at the leading edge.

## 21.5 Late Model

**Chassis:** Minimum weight 53oz. Wheelbase 9.5" minimum 11.5" max. Maximum tread width 10.0" must be 2-wheel drive, rear wheel driven.

**Motor:** Motiv USGT 21.5 Spec motor (PN: GRC2000) – The red endbell TOUR version (PN: GRC2010) is NOT legal!

**Motor Specifications:** No rotors, sensors or stators outside of the below specification provided will be considered legal. Aluminum or stainless-steel main can or end bell screws are prohibited for 21.5 Late Model competition. Intermixing of parts from ANY manufacture will not be allowed. NO PARTS OF MOTORS MAY BE MODIFIED, ALTERED OR REMOVED IN ANY WAY. All stock hardware must be used. I.E. no aluminum or titanium screws/bolts. It is not legal to unwind, rewind, unsolder, re-epoxy, add epoxy or any other coating or material to any part of the stator. If the solder tabs are found to be tampered with you will be immediately disqualified. All motors are subject to disassembly at any given time during an event at the race director's discretion. Removal of stator from outer can, will result in immediate disqualification.

**Motor Tech Checklist:** MEASUREMENTS TAKEN AT ROOM TEMP. OF 75 DEG. F\*

- . AVERAGE STATOR POLE RESISTANCE: (TOLERANCE 30.0-30.7 OHMS)
- . AVERAGE TIMING AT 5.000RPM: (TOLERANCE 30-33DEG.)
- . ROTOR ALIGNMENT: (TOLERANCE 0-5DEG)

**.ROTOR:** MUST USE STOCK ROTOR- USGT LOGO ENGRAVED ON SHAFT

**Spur Gear:** Gearing is open.

**Battery:** 2 cell LiPo, hardcase, 7.4 volt, hard wired Dean's plug (no bullet plug batteries) for connection to the ESC, with a maximum 5200 mah rating and a maximum continuous "C" rating of 50c. No additional batteries are allowed including those used to power receivers or cooling fans. All batteries will 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 on the TRACK voltmeter you will be required to run battery down to 8.35 prior to entering the race.

**Tires:** Foam tires only. Must use BSR Green or Blue/ customworks x2 or x3 compound tires.

**Front:** Max Wheel diameter: 2.0" width : max 1.1"

**Rear:** Max wheel diameter: 2.0" width: max 1.5", Min. 1.4"

Tires may be subjected to visual tech and/or checked with a durometer gauge – Must be within 2 points of an uncut control tire.

**Bodies: The only body legal for the 21.5 late model class is the Custom Works #9071 Buckeye Late Model (9.5")**

All corners of bodies and spoilers must be rounded for safety. Under body support may be added to brace each rear quarter panel and door, but must hold it in stock position, cannot be flared out. **Must not be wider than 10.63" in front of the wheel openings and 10.5" at any point behind front wheel openings.** No additional wings, flaps, spoilers, wickers or vents will be allowed. Body may not be altered in any way from its stock configuration i.e.. shortened, lengthened, narrowed, flared fenders ect. All windows must remain in place. **Body cannot be decked.** All four-wheel wells must be cut out to a minimum dimension of 2.50". Rear Sbe any lopoiler maximum chord from body deck including any wicker bills: 2.00". Maximum rear deck height from bottom of chassis is 4.0".

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## 25.5 Late Model

**Chassis:** Minimum weight 53oz. Wheelbase 9.5" minimum 11.5" max. Maximum tread width 10.0" must be 2-wheel drive, rear wheel driven.

**Motor:** Motiv USGT 25.5 Spec motor (PN: GRC2000) – The red endbell TOUR version (PN: GRC2010) is NOT legal!

**Motor Specifications:** No rotors, sensors or stators outside of the below specification provided will be considered legal. Aluminum or stainless-steel main can or end bell screws are prohibited for 25.5 Late Model competition. Intermixing of parts from ANY manufacture will not be allowed. NO PARTS OF MOTORS MAY BE MODIFIED, ALTERED OR REMOVED IN ANY WAY. All stock hardware must be used. I.E. no aluminum or titanium screws/bolts. It is not legal to unwind, rewind, unsolder, re-epoxy, add epoxy or any other coating or material to any part of the stator. If the solder tabs are found to be tampered with you will be immediately disqualified. All motors are subject to disassembly at any given time during an event at the race director's discretion. Removal of stator from outer can, will result in immediate disqualification.

**Motor Tech Checklist:** MEASUREMENTS TAKEN AT ROOM TEMP. OF 75 DEG. F\*

. **AVERAGE STATOR POLE RESISTANCE:** (TOLERANCE 30.0-30.7 OHMS)

. **AVERAGE TIMING AT 5.000RPM:** (TOLERANCE 30-33DEG.)

. **ROTOR ALIGNMENT:** (TOLERANCE 0-5DEG)

. **ROTOR:** MUST USE STOCK ROTOR- USGT LOGO ENGRAVED ON SHAFT

**Spur Gear:** Gearing is open.

**Battery:** 2 cell LiPo, hardcase, 7.4 volt, hard wired Dean's plug (no bullet plug batteries) for connection to the ESC, with a maximum 5200 mah rating and a maximum continuous "C" rating of 50c. No additional batteries are allowed including those used to power receivers or cooling fans. All batteries will 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 on the TRACK voltmeter you will be required to run battery down to 8.35 prior to entering the race.

**Tires:** Foam tires only. Must use BSR Green or Blue/ customworks x2 or x3 compound tires.

**Front:** Max Wheel diameter: 2.0" width : max 1.1"

**Rear:** Max wheel diameter: 2.0" width: max 1.5", Min. 1.4"

Tires may be subjected to visual tech and/or checked with a durometer gauge – Must be within 2 points of an uncut control tire.

**Bodies: The only body legal for the 25.5 late model class is the Custom Works #9071 Buckeye Late Model (9.5")**

All corners of bodies and spoilers must be rounded for safety. Under body support may be added to brace each rear quarter panel and door, but must hold it in stock position, cannot be flared out. **Must not be wider than 10.63" in front of the wheel openings and 10.5" at any point behind front wheel openings.** No additional wings, flaps, spoilers, wickers or vents will be allowed. Body may not be altered in any way from its stock configuration i.e.. shortened, lengthened, narrowed, flared fenders ect. All windows must remain in place. **Body cannot be decked.** All four-wheel wells must be cut out to a minimum dimension of 2.50". Rear Sbe any lopoiler maximum chord from body deck including any wicker bills: 2.00". Maximum rear deck height from bottom of chassis is 4.0".



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