

Strand 2011/2012 Rules

2011 Changes/Additions in Yellow

General Rules

- Track Marshalling.** After racing, you must immediately place your car in the tech area and find a spot to track marshal. If you can't do it, you are responsible for finding a replacement.
- Bump-Ups.** B- Main winners will bump up to the A-Main. Pan Car classes will have 8 cars per main. All other classes will have 6 cars.
- Rough Driving.** Rough Driving will not be tolerated.
- Pulling Off to make Adjustments During the Race.** If you pull off the track to make an adjustment on your car during the heat and you decide to come back to the track, you must stay out of the way of anyone on a qualifying run or not force them to move over. If you pull off in the A-main, you stay off the track. (Oval Only)
- Illegal Parts or Motors.** No unapproved parts or motors allowed. First offense is a warning and loss of qualifying runs. Second offense will result of suspension for the rest of the day. Refusal to allow technical inspection is an automatic admission of guilt and you will be asked to no longer participate in the day of racing.
- Li-Po Inspection Procedure:**
 - Cars must be at the tech table 2 minutes before the end of the previous race with bodies off.
 - Cars will have the battery temperature checked with track temperature gauge.
 - Cars will have the battery voltage checked with the track volt meter. The track volt meter will have a Deans plug installed on it to ensure accurate and consistent readings.
 - After cars are teched, bodies will be put on and they must remain on the table until being placed on the track. Cars taken back to the pit table will **NOT** be allowed to race.
 - Battery Voltage.** Battery voltage will 4.22. Any battery reading 4.23 (.01 over) will be allowed to be run down in the tech area. If your battery reads 4.24 (.02 over), you will only be given one opportunity during heat racing to run it down in the tech area. Any battery reading 4.25 or higher (.03 or higher) will be disqualified. The second offence at 4.24 (.02 over) will also be disqualified.

General Pan Car Rules

- MOTOR:**
 - Motors must NOT be frozen or cooled. Motors must be no less than 5 degrees below ambient temperature.
 - Motors may NOT have any material removed from the can, end bell, coil winding stacks, or any other motor component.
 - Sensor board must remain mounted in the stock location. No modifications or tampering with the sensor assembly is permitted.
 - Bearings may be replaced with steel or ceramic version of the same size.
 - Timing adjustments to the motor is allowed. You may only do so by loosening the three end bell screws and rotating the colored timing ring.
 - R.O.A.R. Approved motors only. Motors must be approved by October 1st to be locked in for the season. Motors Approved after that date will NOT be legal for the current season.
 - If a motor tends to be a considerable advantage over all other motors, it may be deemed illegal even if it is ROAR legal. This is a cost saving measure to avoid forcing everyone to purchase a new motor just to be competitive. This will be evaluated on a case by case basis by the tech committee.
 - Any solder reflow or Stator rewind will NOT be legal. Race director's decision is final on any suspect motrs.
 - Motors will be teched with the Track Inductance Meter. Readings per ROAR's Approved List.
- CHASSIS:** Any 1/10 scale direct drive chassis is allowed.
- BATTERIES:**
 - 1 Cell Li-Po BATTERIES:
 - Batteries per ROAR's Approved List. Batteries must be approved by October 1st to be locked in for the season. Batteries Approved after that date will NOT be legal for the current season.
 - Maximum Battery Temperature: 10 Degrees over ambient temperature maximum and 5 degrees under ambient temperature. Batteries may NOT be cooled down with freeze spray or any other method to meet temperature tolerance. Any signs of battery cooling will result in making the racer sit out the race. Due to the nature of the batteries, this will not be tolerated for safety reasons.
 - Maximum Battery Voltage: 4.22 Volts.
 - All batteries must have the original Labels intact. Any sign of tampering with the label or removal of mAh rating, will be cause for battery not being legal for racing. Questionable batteries can be Inspected and Approved by Tech Committee.
- BODIES:**
 - Nationwide Style
 - ROAR approved Bodies
 - No Wings Allowed.

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c. Back of car bodies must be left intact above the mold line. If a body does not have a bumper or manufactures cut line molded into the back the rear of the body may not be cut out any higher than 2" from the top of the deck lid. No air relief holes above the trim lines in the rear. (i.e. leave rear of body in).

d. 1 1/2" Maximum Spoiler Height

e. Minimum roof height of 4 1/4".

5. SPEED CONTROL:

- Production Electronic Speed Controls Only.
- New Electronic Speed Controls must be available through major distribution channels for a minimum of 60 days before gaining final approval for Strand competition.
- Software Preferences per Class. (i.e. Spec or Open)

17.5 Open

1. **WEIGHT:** 37oz with Transponder
2. **MOTOR:** 17.5 ROAR Approved
3. **SPEED CONTROL:** Open

17.5 Spec

1. **WEIGHT:** 37oz with Transponder
2. **MOTOR:** 17.5 ROAR Approved
3. **SPEED CONTROL:** ROAR Spec Rules

Street Stock

1. **WEIGHT:** 38oz with Transponder
2. **RACE LENGTH:** 50 Lap Heats and 80 Lap Mains. (Main line-ups will be drawn from a hat.)
3. **MOTOR:**
 - Traxxas Stinger (20T Sealed and locked motor. P/N 1275. MSRP \$19.00)
 - \$20 Claimer Rule on Motor
 - Motors must have original label intact.
4. **SPEED CONTROL:** Any Speed control
5. **CHASSIS:**
 - Any Approved 1/10 scale direct drive chassis is allowed.
 - If a chassis isn't on the Approved list, check with the tech committee.
 - Approved Chassis:
 - RIP Undertaker Pre 2010 version.
 - KSG Gen. 1, 2, or 3
 - Associated 10L4 or older.
 - Hyperdrive Pro 3 or older.
 - Custom Works Aggressor
 - Leading Edge Cars
 - Any Trinity, ADX, TRC, Maverick, Pro Parts, Woods
6. **TIRES:** World GT Spec tires only. (Tire must have Purple band.)
7. **FRONT ENDS:**
 - Team Associated Dynamic Strut Front End Part No. 8400. Original 10L/TRC Spec Style Front End allowed.
 - Aftermarket Castor Blocks Allowed.
 - Trinity front ends allowed on Trinity cars only.
 - TRC front ends only allowed on TRC and Woods Cars.
8. **BATTERIES:** See General Pan Car Rules
9. **BODIES:**
 - Any Approved Pre 1985 Model Body.
 - A spoiler may be added to the rear of the body. It must be no larger than 1" high and no wider than the width of the body.
 - All windows must remain intact.
 - The rear portion of the body must remain intact. Including rear bumpers.
 - All bodies must have three numbers on them. One on the roof and one on each side.
 - Bodies should be painted to represent racing vehicles.
 - Approved Bodies:
 - McAllister: #275 IROC Camaro, #181 '57 Ford, #182 '55 Chevy

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- Protoform: #1526-00 J71 (Javelin)
- RJ Speed: #1035 71 Cyclone, #2262 '68 Camaro, #2263 '65 Mustang, #2213 '68 Chevelle SS, #2257 '69 Charger, #2265 '69 Ford Talladega, #2278 '70 Nova SS, #2286 '72 Monte Carlo, #2382 '55 Chevy
- Parma: # 10143 '69 Camaro, #10113 '70 Barracuda, #10141 '70 Boss Mustang,
- HPI: #105106 '70 Dodge Challenger, #17546 '70 Mustang, #17531 '69 Camaro, #17519 '66 Mustang, #100472 '66 Mustang, #17508 '65 Mustang, #17510 '70 Barracuda, #7494 '68 Camaro

10. CLASS OBJECTIVE: This class is designed for the lesser experienced driver or the seasoned veteran. The intent of this class is to have fun and bring R/C racing closer to real short track racing. This is an inexpensive class where older equipment can be used.

Breakout

1. **MINIMUM LAP TIME:** 4.0 (Laps below this time do not count)
2. **MOTOR:**
 - Any Brushed Motor
 - Any Brushless Motor
3. **CHASSIS:**
 - Any 10th, 12th or 18th Scale Carpet Style Chassis. (ex. Pan Car, Legend, Spec Car, etc.)
 - Maximum Car Width 9"
4. **BATTERIES:**
 - Open Battery
5. **BODIES:**
 - Any molded or home-made body.
 - No wings, unless it is a wing that comes with the body.
 - Back of body to remain. Not required, but preferred.
6. **CLASS OBJECTIVE:** This class is designed for the lesser experienced driver or the seasoned veteran. There will be a minimum lap time and anything below it doesn't count. The break out is to keep the competition close and keep the class as inexpensive as possible. If your car is "too fast" or "out of control", you will be asked to slow it down.

Legend

1. **CHASSIS:** RJ Speed/Legend Chassis Only.
2. **TIRES:** Any foam tires.
3. **MOTOR:**
 - Mabuchi 540 Seled end bell Motor.
 - \$20 Claimer Rule on Motor
4. **BATTERY:** SMC 4000 mAh, 25C pack; PN 4025S
5. **BODIES:**
 - Any Legend Body
 - Bodies must be cut on body lines.

Novice

1. **CHASSIS:** Any car or truck allowed.
2. **TIRES:** Foam tires only or rubber tires without spikes.
3. **MOTOR:** Any Motor. Race director may request motors be de-tuned if they make the car controllable.
4. **BODIES:**
 - Any body.
 - Bodies must have all sharp edges trimmed.
5. **CLASS OBJECTIVE:** This class is designed for beginners only. Drivers may be deemed too experienced for this class and forced to bump up by the race director's judgment.
6. **ENTRY FEE:** This Class will have a low \$5 entry fee.

Other Classes Welcome

(3 Car minimums)