



## 2019 & 2020 NORA CARPET OVAL RC RACE SEASON

Located @ The Skagit County Fairgrounds – 479 West Taylor Street, Mt. Vernon, WA 98273

**\*\* Friday Nights Doors Open by 4pm. Last call for Registration @ 6:45pm. Racing Starts @ 7:00pm \*\***

<p><b>NORA CARPET OVAL POINTS SERIES</b> - Best 15 out of 20 Race Points Series -</p>		<p><b>Oval Series Classes:</b> ROOKIE BREAKOUT 5.0 21.5 SK LIGHT 17.5 SK MODIFIED 21.5 TOUR TRUCK 13.5 PRO CUP 21.5 STOCK TOURING OVAL 17.5 WINGED SUPER MODIFIED 21.5 TOUR PRO RTC LEGENDS</p>	<p><b>Race Entry Fees:</b> <b>NORA CLUB MEMBERS:</b> \$15 first class + \$5 each added class Novice Class Member: \$10 <b>NON-MEMBERS:</b> \$20 first class + \$5 each added class <b>SENIORS (60+):</b> \$10 first class + \$5 each added class <b>KIDS (15 &amp; UNDER):</b> \$5 each class  <b>NORA CLUB ANNUAL MEMBERSHIP:</b> Basic: \$20 Premium Outdoor: \$35 Family: + \$10 for each dependent</p>
<p>Race 1 Friday, Oct 18 Race 2 Friday, Oct 25 Race 3 Friday, Nov 1 Race 4 Friday, Nov 8 Race 5 Friday, Nov 15 Race 6 Friday, Nov 29 Race 7 Friday, Dec 6 Race 8 Friday, Dec 13 Race 9 Friday, Dec 20 Race 10 Friday, Dec 27</p>	<p>Race 11 Friday, Jan 3 Race 12 Friday, Jan 10 Race 13 Friday, Jan 17 Race 14 Friday, Jan 24 Race 15 Friday, Jan 31 Race 16 Friday, Feb 7 Race 17 Friday, Feb 14 Race 18 Friday, Feb 21 Race 19 Friday, Feb 28 Race 20 Friday, Mar 3</p>	<p><b>House Rules:</b> <b>#1 Rule: Have Fun. Always be in control. Be a good Sport.</b> We are a family-oriented club and all are welcome. <b>LiPo battery voltage:</b> 1S maximum voltage: 4.22v. 2S maximum voltage: 8.44v. Racers must use LiPo safe Chargers &amp; have LiPo Sacks. <b>Traction compound:</b> Compound: SXT 3.0, SXT 3.0 Light, or SXT 3.0 Max (Original bottle) Cleaning: Motor Spray, Simple Green, Water, Foam Tire Cleaner</p>	
<p><b>SPECIAL EVENTS:</b> <b>November 22<sup>nd</sup> &amp; 23<sup>rd</sup></b> WEST COAST CARPET OVAL NATIONALS: NORA NW Carpet Oval Championships <i>** Friday Practice &amp; Racing Saturday</i>  <b>March 13<sup>th</sup> :</b> NORA Family Fun Night and Awards Breakout 250 Lap Main Event Feature Figure 8 Shootout</p>		<p><b>NORA Carpet Oval Race Director</b> <b>Lou Debenny 425-327-2140 or 425-252-6130</b> <b>E-mail: <a href="mailto:BroadwayHobbies@Comcast.net">BroadwayHobbies@Comcast.net</a></b> <b>Facebook Group: NORA Carpet Racers</b> <b>Club Website: <a href="http://www.skagitriverraceway.com/">http://www.skagitriverraceway.com/</a></b></p>	

# 2019-20 NORA CARPET OVAL RACE INFO & CLASS RULES:

**NORA Carpet Oval Program Details:** Doors Open by 5pm on Friday nights for practice. Last Call for Registration will be at 6:45pm. Racing begins after 7:00pm Driver's meeting. **Our track surface:** Black CRC Fast Track II Medium/High Grip Carpet driving surface. We offer Two IFMAR qualifiers, re-sorts between rounds. Rocket round seeding for mains. Main events double bump up from lower Mains. Max number of cars to be locked into the Mains will depend on track layout and the speed and experience of the class. This will be posted at the track on the day of the race (Usually 7 or 8 cars for Stock Class Mains. Pro RTC and 13.5 Classes will run a maximum of 6 cars in the Mains.) All 1/10 scale classes will run 4 minute qualifiers and mains. (Program may be adjusted under direction of racer director if deemed necessary).

**Race Entry fees:** NORA Club Members pay \$15 dollars for the first class with a Club Membership. Each additional class will cost \$5. Non-Members pay \$20 for the first class and each additional class is \$5. Seniors (60+) pay \$10 for the first class and \$5 each additional class. Kids (15 and under) pay \$5 per class. A NORA Base Membership is \$20 for each member, and an additional \$10 for each immediate member in your household (*that is living with you*).

**CODE OF CONDUCT:** NORA is a family friendly club venue, and all are welcome. Our #1 rule is to always be in control, be a good sport, and treat others how you wish to be treated. Our Club (NORA) is an Alcohol and Drug free venue. All visitors and members are to refrain from all forms of unacceptable behaviors such as harassment, bullying, discrimination, swearing, threats, violence, unsafe acts, and illegal activities. If you observe anything in violation to NORA's Code of Behavior & Ethics then please bring it to the attention of a NORA Race Director, Official, or Board Member immediately. Violation of NORA's Code of Behavior can result in a series of warnings, suspension, denied of event participation, revoking NORA membership, etc.... So please let's all be good sports, help each other out, and let's have fun racing at NORA.

**Corner Marshalling:** All racers are required to corner marshal the race immediately following your race. If you are unable to you must arrange to have a suitable racer volunteer to substitute in your place. If you have a physical disability or injury that prevents you from being able to marshal, please discuss this with your race director prior to your first race. In order to prevent from disrupting or delaying the length of our racing events please help us with this policy to keep things running smooth.

**Tables, Chairs and Table Protection:** You are encouraged to bring a 6-foot folding table, chairs, a power strip and extension cord. There is power available on site. In the event, you do not have tables or chairs there are a few tables on site that are provided by the club and can be used. Please bring a pit mat or table cover when using a table that is not your own.

**LiPo batteries and voltage:** ROAR Approved Hard Cased LiPo batteries ONLY. 1s maximum voltage: 4.220v. 2s maximum voltage: 8.440v. Cars that fail prerace tech will be disqualified for that round. This is a zero tolerance policy. The club's voltmeter will be the reference of last resort. ALL Racers Must have LiPo safe chargers and LiPo Sacks.

**Traction compounds:** SXT 3.0, SXT 3.0 Light or SXT 3.0 Max in the original bottle. Tires may only be cleaned with the allowed traction compounds, Simple Green, motor spray, water, or an RC Foam Tire cleaner.

**Transponders:** Personal Transponders are strongly encouraged and recommended. We have a MyLaps RC4 transponder loop. MyLaps 2wire Hybrid, MyLaps RC4 3wire, and AMB personal transponders are all compatible with our system. We do have house transponders available to borrow with deposit or collateral (such as Keys / Driver's license).

**Foam Bumpers:** Foam Bumpers are to be required on all closed fender Pan Cars and Turning that use Sportsman ESC Rules (SK Cars are excluded). Must be a functioning impact absorbing Foam Bumper in addition to factory carbon bumper support. Foam must be secured in contact with the nose of your body. Foam must be CA glued to the carbon bumper or be supported by front body posts, and the foam must overhang the front of the composite factory bumper where it can be seen from below. Foam Bumpers are optional in 13.5 Pro Cup, 13.5 Open Pan and 10.5 Open Pan only when Lexan front body supports are used to brace and support the front of the body off of the factory carbon bumper.

**Tech for all classes:** A self-tech area will be provided for all racers. Here we ask you to check weight, ride height, and battery voltage. Spot checks by the race director or NORA Tech committee may be performed at any time to ensure conformity with the club's specs and rules. Failed tech will result in voiding the driver's results for that race and the rounds leading up to failing a tech inspection.

**Rookie:** Must be 1/10<sup>th</sup> Chassis that is legal in Transmission, Touring, or a Pan Class. Foam or Rubber Street tires (No Pins). Any 2s ROAR legal 7.4v LiPo Pack (Trans or Touring) or 1s 3.7v for (Pan cars). No Timing Boost ESC's. Any ROAR Legal 17.5 Motor.

**Breakout 5.0:** This class uses NASCAR Xfinity or Cup Series bodies. Any 1/10<sup>th</sup> pan car chassis. Any ROAR legal hard case 1s 3.7v battery. Any pan car legal tire. ESC must be run in Blinky mode. Any ROAR legal 17.5, 21.5 or 25.5 motor. Minimum ride height is 4mm. Minimum weight 36oz including transponder. Rear bumper on body cannot be cut out (must be intact). If you go faster than the minimum lap of 5.0 seconds your lap will not count. (minimum lap time is subject to change at race director's discretion). Functional Shock Absorbing Foam bumpers are required and must overhang the graphite factory bumper and be in contact with the front body.

**SK Light (21.5):** This Class is designed with the Sportsman Driver in mind but is open to anyone. This class uses SK CAR Rules as a guideline. Any manufacturer's purpose built 1/10 SK CAR pan chassis w/ SK CAR body. 31oz minimum weight. No oil filled shocks. One side dampening tub. ESC must be run in Blinky mode. Minimum ride height 3mm. No Wings or side dams. 1" max spoiler height. Rear end of body may not be cut out. Front bumper allowed 1" x 3" maximum. Rear bumper is allowed, must be under the body. Rear wheel opening can't be cut above the body line and into the side window. Left Rear Tire must be shimmed out to be at least flush with the left side of the chassis. Left rear tire must be visible from the top view of the body. Must run WGT Purple stripe spec tire. Any ROAR approved hard case 1s LiPo. Must run a Trinity Equalizer 21.5 Spec Motor.

**SK Modified (17.5):** This class uses SK CAR Rules as a guideline. Any manufacturer's purpose built 1/10 SK CAR pan chassis w/ SK CAR body. 31oz minimum weight. No oil filled shocks. One side dampening tub. ESC must be run in Blinky mode. Minimum ride height 3mm. No Wings or side dams. 1" max spoiler height. Rear end of body may not be cut out. Front bumper allowed 1" x 3" maximum. Rear bumper is allowed, must be under the body. Rear wheel opening can't be cut above the body line and into the side window. Left Rear Tire must be shimmed out to be at least flush with the left side of the chassis. Left rear tire must be visible from the top view of the body. Must run WGT Purple stripe spec tire. Any ROAR approved 1s hard case LiPo. ROAR Approved 17.5 motor.

**TOUR Truck (21.5):** This class features a NASCAR Truck style body (Protoform ORT Truck body required), World GT spec tires, any 1/10<sup>th</sup> pan car chassis, Trinity Equalizer 21.5 motor, and Electronic Speed Controls (ESC) approved under the "ROAR Sportsman Class ESC rule" (Blinky) set to the Sportsman profile at all times. The only battery allowed in this class is the new Fantom 4600 1s 3.7v hard case spec pack Fantom 4600 TOUR Spec pack (P/N: FAN26185). Minimum Weight 36oz. 4mm ride height. Max Spoiler Height is 1.25 inches. Body must be cut on the cut line for foam tires. Min Spoiler Height .75". The back of the truck body cannot be cut out. No body scraping allowed to lighten the body. Functional Shock Absorbing Foam bumpers are required and must overhang the graphite factory bumper and be in contact with the front body.

**PRO Cup (13.5):** This class features The Protoform Gen 6 Cup style bodies, World GT spec tires, any 1/10<sup>th</sup> pan car chassis, Any TOUR approved ROAR 13.5 motor, and Electronic Speed Controls (ESC) approved under the "ROAR Sportsman Class ESC rule" set to the Sportsman profile (Blinky) at all times. Any ROAR approved 1s 3.7v hard cased LiPo. Bodies, front fenders, and rear spoilers all must be cut on the molded body line and bumper must remain in place (cannot cut out the back of the car). Minimum Weight 36oz. 4mm ride height. Lexan front "Bumper to Body" support or Foam Bumper is required.

**21.5 Stock Touring Oval:** 1/10th scale 4wd touring chassis. 1350g minimum weight (ROAR rule update effective: 10/01/2016). 5mm minimum ride height. ROAR-approved 21.5t brushless motors\*. ROAR-approved Non-Timing ESC. Team Powers 30 pre-mount spec tire. ROAR-approved touring car bodies. Maximum 6-cell NiMH or NiCd batteries or maximum 7.4v 2S lithium technology batteries. Batteries must be on ROAR-approved list. Approved Pre-mounted Spec tires: Jaco Blue, Gravity C, or USGT.

**Winged Super Modified (17.5):** PRW "Oswego" Body with "ISMA Wing Package", 17.5 Motor, Open Timing ESC. ROAR Approved Hard case 2-cell (7.4v) shorty LIPO battery, CRC Rubber Spec Tires, 4 mm ride height, a 45oz Minimum weight.

**PRO RTC (21.5):** This class a NORA revised version of TOUR's PRO RTC rubber tire pan car class. This class features the new Protoform RTC body, any ROAR legal 21.5 motor, any 2-cell Hard Case (7.4v) shorty battery, CRC Rubber Spec Tires, 4 mm ride height, a 39oz. weight minimum and Electronic Speed Controls (ESC) approved under the "ROAR Sportsman Class ESC rule" set to the Sportsman profile at all times. Functional Shock absorbing Foam bumpers are required and must overhang the graphite factory bumper.

**Legends:** Drivers from any ability level are welcome. Suggested minimum weight 34oz. Any 25.5T or 21.5T motor. Any Sportsman ESC in Non-Timing or Blinky mode. Batteries: 2s LiPo or 6 cell Sub C type. Any Compound Foam Tire or CRC Rubber Spec Tires. Bodies must be Legend body style type from the early 1930's to 1940 (produced by RJ Speed or Bolink). Must cut on factory body trim lines and bodies must remain stock with full fender intact. The rear of the body must be cut out stock and may not be removed. Upgrades to the car such as tie rods and bearings are OK.

**Stock Transmission (17.5):** Any 2wd 1/10 buggy or Late Model chassis (No SCT chassis). Must have centered battery. Must have standard working 3 gear transmission. Any ROAR legal 2s hard case battery. Any ROAR or TOUR legal 17.5 motor. ESC must be ran in non-timing Blinky mode. No Mini Pin tires allowed. Must use either FOAM or Street Tread Rubber tire (Bandito type tire) or Rubber Slick tire. Body must cover at least ½ of the tire. Minimum ride height 4mm. 52oz minimum weight. Bodies must be a full fender Street Stock or Bomber type. \*\*Cannot use Wedge, Can-Am, or GTP bodies\*\*

**13.5 Open (13.5):** This class uses NASCAR Sprint Cup Bodies (such as Protoform LW Toyota TH-D) w/ wing). Any ROAR Approved 13.5 motor. Any ROAR approved 1s 3.7v LiPo. Timing boost ESC's allowed. Minimum ride height 4mm. ESC Timing boost allowed. Body can have rear end cut out. There is no minimum roof height. Open Tire rule using any 1/10 Pan car Foam tire compound. Both Wings and spoilers are allowed. Lexan front "Bumper to Body" support or Foam Bumper is required.

**10.5 Open (10.5):** This class uses NASCAR Sprint Cup Bodies (such as Protoform LW Toyota TH-D) w/ wing). Any ROAR legal 10.5 mod motor using TOUR 7.7 measurement rules. Any ROAR approved 1s 3.7v LiPo. Timing boost ESC's allowed. Minimum ride height 4mm. ESC Timing boost allowed. Body can have rear end cut out. There is no minimum roof height. Open Tire rule using any 1/10 Pan car Foam tire compound. Both Wings and spoilers are allowed. Lexan front "Bumper to Body" support or Foam Bumper is required.

TOUR Rules on Facebook: <https://www.facebook.com/groups/1464534463840844/>

ROAR Rule Book: [http://www.roarracing.com/downloads/2013\\_ROAR\\_Rule\\_Book.pdf](http://www.roarracing.com/downloads/2013_ROAR_Rule_Book.pdf)

ROAR Approvals Page: <http://www.roarracing.com/approvals.php>

The Trinity D3.5 17.5 and 13.5 and all tuner variants is banned from spec racing classes.

The Trinity Monster 17.5 is banned from spec racing classes.