

Seattle RC Racers Specs and Rules

Seattle's Magnuson Park is home to our carpet racing program; Seatac R/C Raceway is home to our asphalt racing program. We race 1/10th and 1/12th scale electric onroad cars.

General Rules

Battery voltage: 1S maximum voltage 4.20V. 2S maximum voltage 8.40V. 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.

Traction compounds: For carpet, SXT 3.0 in original bottle. Tires may be cleaned with the traction compound, Simple Green, motor spray, or water. There are no traction compound restrictions at Seatac R/C Raceway.

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 Competition Committee may be performed at any time. Failed tech will result in voiding the driver's results for that race and the rounds preceding it that night.

Tables, table protection, and chairs: At the Community Center the Seattle Parks Department, and ultimately Seattle's tax payers, provides tables and chairs for our nightly use. We will take care of them. Pit towels or mats are mandatory for all racers. At Hangar 30, the club provides tables, and drivers provide their own chairs.

Corner marshalling: Immediately following a round, after placing their cars and transmitters on the table adjacent to the drivers' stand, drivers will proceed immediately to the track and corner marshall for the next round.

Track records: A racer who sets a new track record must leave his or her car at the tech table after the race. A Competition Committee member will validate the car is within class specs.

Class Specs

Scale Spec: 1/10th scale electric chassis. 5mm minimum ride height. Motors for Magnuson Park: Tamiya 540 silver can; legacy Novak 25.5t brushless motors; ROAR-approved 25.5t motor. 12.3mm rotors only. Motors for Seatac R/C Raceway: Tamiya 540 silver can; ROAR-approved 21.5t brushless motor. ROAR-approved non-timing ESC for brushless motors. Tires for all venues: HPI D Compound, Protoform VTA front and rear, Gravity RC USGT pre-mount. Realistic, scale bodies must be run on all chassis. VTA bodies may run included rear-deck spoilers. GT bodies may run included wings, or option wing sets that emphasize scale appearance. ROAR-approved 7.4V 2S lithium technology batteries. 4WD: 1400g minimum weight. FWD: No minimum weight. M-Chassis: must meet the most current TCS rules as found in the downloadable PDF from the Tamiya USA website. The spirit of Scale Spec is reasonable cost; scale-appearance; and even, competitive racing. Scale livery is encouraged. Drivers are encouraged to operate both within the letter and spirit of the rules.

Stock Touring: 1/10th scale 4WD touring chassis. 1350g minimum weight. 5mm minimum ride height. ROAR-approved 17.5t brushless motors. ROAR-approved non-timing ESC. Magnuson Park spec tires: Jaco Blue pre-mount. ROAR-approved touring car bodies. ROAR-approved 7.4V 2S lithium technology batteries.

Modified Touring: 1/10th scale 4WD touring chassis. 1350g minimum weight. 5mm minimum ride height. Any 540-size brushless modified motor. Magnuson Park spec tires: Jaco Blue pre-mount. ROAR-approved touring car bodies. ROAR-approved 7.4V 2s lithium technology batteries. *This class for advanced onroad racers only.*

Stock 1/12th: 1/12th scale pan car chassis. 730g minimum weight. 3mm minimum ride height. ROAR-approved 17.5t brushless motors. ROAR-approved non-timing ESC. Purple stripe (CRC/BSR/Jaco) or blue stripe (JFT) spec tires. GTP and LMP style bodies. 3.7V 1S low-profile, short, ROAR-approved lithium technology batteries.

Modified 1/12th: 1/12th scale pan car chassis. 730g minimum weight. 3mm minimum ride height. ROAR-approved non-timing ESC. GTP and LMP style bodies. 3.7V 1S or 7.4V 2S low-profile, short, ROAR-approved lithium technology batteries. 1S: any 540-size brushless modified motor. 2S: ROAR-approved 13.5t brushless motor. *This class for advanced onroad racers only.*

Formula One: Any 1/10th scale rear wheel drive electric chassis. 190mm maximum width. 4mm minimum ride height. Tamiya 540 silver can or ROAR-approved 21.5t brushless motor. ROAR-approved non-timing ESC for brushless motors. Rubber tires to scale and correct with body. Front and rear wings to scale and correct with body. 7.4V 2S ROAR-approved lithium technology batteries.

Novice: Any 1/10th or 1/12th scale electric chassis. Tamiya 540 silver can; ROAR-approved 25.5t brushless motor recommended. ROAR-approved non-timing ESC required for brushless motors. Maximum 6-cell NiMH or NiCd batteries or maximum 7.4V 2S lithium technology batteries. Lithium technology batteries must be in hard case.

[ROAR Rule Book](#)

[ROAR Approvals Page](#)

[TCS Rule Book](#)

Race Programs

Hangar 30: Open track practice until 6:50 PM; Novice-only practice 6:20 to 6:30. Two IFMAR qualifiers, re-sorted between rounds. Rocket round seeding for mains. Scale Spec, Novice, Stock 1/12th, Novice, Formula One, and Stock Touring with seven transfers to the A-Main and a single bump from the B-Main.

Magnuson Community Center: Open track practice until 6:50 PM; Novice-only practice 6:20 to 6:30. Two IFMAR qualifiers, re-sorted between rounds. Rocket round seeding for mains.

Scale Spec, Novice, Stock 1/12th, Modified Touring, Formula One, Stock Touring, and Modified 1/12th with nine transfers to the A-Main and a single bump from the B-Main.

Seatac R/C Raceway: Open practice until 10:50 AM; Novice-only practice 10:20 to 10:30. Three IFMAR qualifiers, re-sorted between rounds. Best two-of-three qualifying points seeding for mains. Scale Spec, Novice, Modified Touring, Formula One, Stock Touring, and Modified 1/12th with nine transfers to the A-main and a single bump from the B-main.

The Competition Committee may elect to run additional classes at special events, such as the Emerald City Classic, Summer Sizzler, and Can-Am Challenge races.

Race length:

- 5 Minutes: Stock Touring, Modified Touring, Scale Spec, Formula One, Novice
- 8 Minutes: Stock 1/12th Scale, Modified 1/12th Scale

Race fees: All fees paid by racers are used to fund club operations, including rent, consumable materials, and venue maintenance. The standard entry is \$20 for one class. The family entry is \$35, with one class for each family member. Additional entries are \$20 at the Community Center, \$5 at Hangar 30, and \$10 at Seatac R/C Raceway.

Magnuson Park points series:

- 100 points for 1st place, 80 for 2nd, 70 for 3rd, 65 for 4th, 62 for 5th, 61 for 6th and one-point-split for 7th through *n*th place. 1 point for TQ.
- No substitute drivers.
- Drivers must finish one lap of the main to earn points.
- Awards at end of season to drivers finishing 1st, 2nd, and 3rd place for each participating class.
 - Community Center: Stock Touring, Modified Touring, Stock 1/12th, Modified 1/12th, Formula One, and Scale Spec
 - Hangar 30: Stock Touring, Stock 1/12th, and Scale Spec

Seattle RC Racers Code of Conduct

Hangar 30 and the Community Center gym are Seattle Parks & Recreation facilities. Seatac R/C Raceway is a Seatac Parks & Recreation facility. All rules pertaining to personal conduct in parks facilities will apply.

The Seattle RC Racers is an all-volunteer nonprofit club. Whether as a racer, an organizer, a race director, tech helper, or spectator, we are all volunteering our time to make our own and others' race day happen. We are right to expect that we will be treated fairly and respectfully; we are duty-bound to treat others fairly and respectfully during their time with us. Follow the Golden Rule: do unto others as you would have them do unto you.

If a racer is having a bad day, chooses not to remedy himself, and persists in bad conduct, the race director or competition committee will exercise the following Code of Conduct disciplinary options on behalf of the club:

1. A racer who demonstrates disruptive behavior will be given a warning and asked to collect his or her self before returning to race activities.
2. A racer who persists with disruptive behavior will be asked to leave for the remainder of the event.
3. A racer who is asked to leave twice within any six-week period will be suspended from all events for one month.
4. A racer who has received a one-month suspension and upon return is asked to leave again will be suspended for the remainder of the season.

Instances of outstanding bad form will be handled on a case by case basis by the race director, president, and competition committee.

Finally, our program strives to be offer racing that is accessible, affordable, and fun. Come race with us. Bring your best stuff, and leave it all on the track. This is a great sport that will reward years of invested effort.

Race on, brother.