



Indoor Carpet Off-Road Track Classes & Rules

Revision 3.0 (February 2021)



<http://www.treasurevalleyrc.com/>



<https://www.facebook.com/TREASUREVALLEYRACERS/>

Track Info:

Officers

Club President.....Andy Fischer
VP Carpet Track.....Dean Durfee
Carpet Director.....Blake Kesner
Carpet Race Director.....Deb Storm

Location

224 Carnation Dr.
Nampa, Idaho 83687

Schedule (see flyer for dates)

Wednesdays.....doors open 5PM, racing starts at 7PM
Saturdays.....doors open at 3PM, racing starts at 5PM
Sundays.....doors open at 9AM, racing starts at 11AM
Practice days are scheduled as possible, details posted on club's Facebook
page: Treasure Valley RC

Size and surface

84'x 39' indoor office carpet

Classes Overview (details and rules below)

Novice Buggy
Novice Truck
Sportsman
2wd 17.5 HW Spec Buggy
2wd 17.5 Stock Buggy

2wd Open Buggy
2wd Open Short Course
2wd Open Stadium Truck
4wd Open Buggy
4wd Open Truggy
4wd Open Short Course

Track Rules

Race director has the ultimate authority over rules listed here or otherwise

Tire Sauce is NOT allowed

Chassis Protector- There will be a grace period until April 1st. After April 1st, Chassis Protectors are required.

- **February – March:** Drivers will have to show their car **before each race** to an appointed person that is assigned by the RD. The RD will announce the person that will be inspecting the RC car prior to the first race of the night.
- **April -** A Chassis Protector is required. However, for new/first time drivers the RD can allow him/her to race after inspecting the car prior to each race.

Marshaling - All drivers are required to marshal or have an appointed marshal on their behalf if he/she cannot marshal or have back-to-back races.

TRVC is enforcing the following marshaling rule:

- A 3-minute timer will be started at the end of each race allowing drivers that left the driver stand to get their cars back to their pits or on the stand next to the track, and then back out on the track to marshal.
- After 3 minutes if you or your appointed marshal is not on the track you will be docked a lap on your next race.
- If you appointed someone to marshal on your behalf, it is still your responsibility as the driver to ensure that individual is out on the track within the 3 minutes to marshal. If not, you will be docked 1 lap on your next race, not the appointed marshal.

Racer Etiquette

All participants will treat other drivers, marshals, & spectators with upmost respect. TVRC facilities are family friendly, and all racers must control their behavior accordingly. Above all, practice good sportsmanship to keep the environment fun for all. While on the driver stand no conversation between racers to prevent distracting another driver's race.

Absolutely no yelling or complaining about marshaling.

In the event a racer's vehicle breaks during a race, that racer is required to stay on the drivers stand until the race has finished.

Track Procedures

All sign-ups must be completed 30 mins before the start of racing. Prior to beginning of each event, the race director will hold a brief driver meeting to go over basic track rules and racer etiquette. Announcement of the first race will immediately follow driver meeting.

Drivers will have two minutes after the announcement of a qualifier or main to get their vehicle onto the track and in position to start the race. Drivers can call 1-minute only prior to main events where they need more time to repair their car.

All drivers must turn marshal the race immediately following their race or find a qualified substitute. All vehicles will be made available for tech inspection before or after race. Technical inspections can be random or formatted by the race director. Racers under 12 years of age may not marshal for safety reasons. Parents or volunteers are asked to marshal for the younger racers. Please be helpful and quickly volunteer to marshal when needed. As the discretion of the race director, if there are less than 3 entries for a given class they may be combined with another class, or class not available for that event.

Qualifier Heats

All heats will be randomly sorted and use a staggered IFMAR style start.

Wednesdays.....one 5-minute qualifier
Saturdays..... two 5-minute qualifiers
Sundays..... two 5-minute qualifiers

Main Races

The TQ will go to the racer with fastest single pace after qualifiers are finished. All mains are 5 minutes in length.

When more than 10 entries per class; A-main will be top 6 qualifiers and B-main will start with 7th qualifier. The top two finishers from the B-main will bump-up to the A-main.

Class Details and Rules

For All Classes (except Novice/Sportsman)

All motors must be ROAR approved and available to the general public for purchase. All classes must use 2S hard case lipo batteries (except Novice/Sportsman). Battery voltage must never exceed 8.44 volts at any time. To ensure the safety and wellbeing of our racers, spectators, and track personnel, all cars and their batteries are subject to voltage check at any time. All cars must have 4-wheel independent suspension, single speed transmissions only. No Gyros or traction control of any kind are allowed, including those built into receivers like the Spektrum AVC, Traxxas TSM, etc. See ROAR rule book, pages 49 & 50, sections 8.7.1 & 8.7.2, for all chassis rules.

Novice/Sportsman Graduation

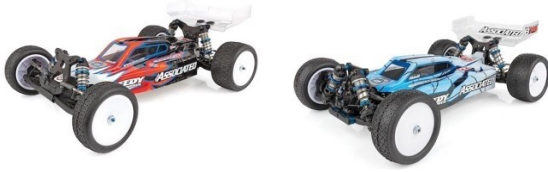
Novice racers will graduate to Sportsman class once he/she accumulates 15 points **and** is within the 10% rule of the class he/she is graduating to i.e., Sportsmen.

- Points are based on wins:
 - 1st = 3 points
 - 2nd = 2 points
 - 3rd = 1 point
- 10% Rule: Is the slowest and the fastest times Example:
John Doe (Novice racer) accumulated 15 points and wants to graduate to Sportsmen. The RD will review the driver times from Sportsmen, using the slowest and the fastest times to find the 10% of each. John Doe times will need to fall within the 10% of the slowest and fastest to advance.

Similarly, in Sportsman, the racer will graduate after the racer accumulates 15 points **and** is within the 10% rule of the class, will graduate to the class of their choice i.e., spec, stock, open, etc.

Note: The RD can make the ruling to graduate a driver from Novice/Sportsmen if it is clear he/she does not belong in Novice based on times.

Novice Buggy



- Class is intended for new racers with little or no previous driving experience. Race any 1/10 scale Buggy you bring and gain track experience!
- **Chassis:** Any 1/10 electric off-road kit
- **Battery:** Any 2s lipo or 6-7 cell NiMH batteries
- **Motor/ESC:** Any 540-size electric motor (brushed or brushless), any ESC
- **Tire:** Any

Novice Truck



- Class is intended for new racers with little or no previous driving experience. Race any 1/10 Truck you bring and gain track experience!
- **Chassis:** Any 1/10 electric off-road kit
- **Battery:** Any 2s lipo or 6-7 cell NiMH batteries
- **Motor/ESC:** Any 540-size electric motor (brushed or brushless), any ESC
- **Tire:** Any

Sportsman



- Class is intended for racers graduating from novice class to advance their driving skills.
- **Chassis:** Any 1/10 electric off-road kit ○ Encourage 1/10 2wd buggy or truck kits
- **Battery:** Any 2s lipo or 6-7 cell NiMH batteries ○ Encourage ROAR approved 2s lipo battery

- **Motor/ESC:** Any 540-size electric motor (brushed or brushless), any ESC ○ Encourage ROAR approved 21.5T or 17.5T brushless motors, blinky ESC • **Tire:** Any

2wd 17.5 HW Spec Buggy



- Class is intended to be a driver's class using restricted spec components for fun, close racing!
- **Chassis:** Limited 1/10 2wd electric off-road buggy kits ○ Kit must be available on open market for at least one year, no latest and greatest kits allowed. Example: 2020 xb2 available, 2019 xb2 and earlier allowed in class.
 - No modifications to lighten the drivetrain are allowed. Exception: slipper eliminators are permitted.
- **Minimum Weight:** 1499g
- **Battery:** Spec battery required ○ Gens Ace 2s 7.4v 3500mah hard case lipo battery
 - Part # GA2523
- **Motor:** Spec motor required ○ Hobbywing Justock 17.5T fixed timing brushless motor
 - Part # 30408011
- **ESC:** Spec ESC required ○ Hobbywing Justock XR10 fixed timing brushless ESC
 - Part # 30112000
- **Tires:** Spec tires required ○ Schumacher Cactus buggy rear (yellow compound)
 - Glue – Part # 6838
 - Pre-mount – Part # 6839 ○ Schumacher Cut Stagger buggy front (yellow compound)
 - Glue – Part # 6770
 - Pre-mount – Part # 6801
- **Body:** Any 2wd buggy standard weight body

2wd 17.5 Stock Buggy



- Class is intended for driver's looking for a faster race pace
- **Chassis:** Any 1/10 2wd electric off-road buggy kit
- **Minimum Weight:** 1499g
- **Battery:** 2s hard case lipo batteries
- **Motor:** Any ROAR approved 17.5T brushless motor
- **ESC:** Any ROAR approved ESC in "blinky mode" (zero timing)
- **Tires:** Any
- **Body:** Any 2wd buggy body

2wd Open Buggy



- Premier and fastest 2wd buggy class available, race what you bring!
- **Chassis:** Any 1/10 2wd electric off-road buggy kit
- **Minimum Weight:** 1499g
- **Battery:** 2s hard case lipo batteries
- **Motor:** Any ROAR approved brushless motor (no turn limits)
- **ESC:** Any ROAR approved ESC (no timing limits)
- **Tires:** Any
- **Body:** Any 2wd buggy body

2wd Open Short Course



- **Chassis:** Any 1/10 2wd electric off-road short course kit
- **Battery:** 2s hard case lipo batteries

- **Motor:** Any ROAR approved brushless motor (no turn limits)
- **ESC:** Any ROAR approved ESC (no timing limits)
- **Tires:** Any
- **Body:** Any short course body

2wd Open Stadium Truck



- **Chassis:** Any 1/10 2wd electric off-road stadium truck kit
- **Minimum Weight:** 1700g
- **Battery:** 2s hard case lipo batteries
- **Motor:** Any ROAR approved brushless motor (no turn limits)
- **ESC:** Any ROAR approved ESC (no timing limits)
- **Tires:** Any
- **Body:** Any 2wd truck body

4wd Open Buggy



- Premier and fastest 4wd buggy class available
- **Chassis:** Any 1/10 4wd electric off-road buggy kit
- **Minimum Weight:** 1613g
- **Battery:** 2s hard case lipo batteries
- **Motor:** Any ROAR approved brushless motor (no turn limits)
- **ESC:** Any ROAR approved ESC (no timing limits)
- **Tires:** Any
- **Body:** Any 4wd buggy body

4wd Open Truggy



- **Chassis:** Any 1/10 4wd electric off-road truggy kit
- **Battery:** 2s hard case lipo batteries
- **Motor:** Any ROAR approved brushless motor (no turn limits)
- **ESC:** Any ROAR approved ESC (no timing limits)
- **Tires:** Any
- **Body:** Any 4wd truggy body

4wd Open Short Course



- **Chassis:** Any 1/10 4wd electric off-road short course kit
- **Battery:** 2s hard case lipo batteries
- **Motor:** Any ROAR approved brushless motor (no turn limits)
- **ESC:** Any ROAR approved ESC (no timing limits)
- **Tires:** Any
- **Body:** Any 4wd short course body