



Regulations for the 2018 Vintage RC Off-Road Festival and Under 17 NZ Open, 23-25 November 2018, promoted by Raukawa International Raceway, Palmerston North.

Venue: Raukawa International Raceway, 21 Raukawa Road, Palmerston North.

Enter via 5 Innerwell Lane. This is a Private Road, 30kph Maximum please.

WCS Workshop and model store on site – CNC Router, RC Tools and Spares, heaps of bits to keep you going.

Track: Old School flat track, with a soil/clay surface.

Event dates: Friday 23 November 2018. Gates open 7.30AM, Track opens at 9AM

Vintage cars will be an open style session available for all drivers.

Under 17 Modern cars will run in separate sessions.

All drivers shall marshal after each session they run.

Timing will be operating using Live Time with times uploaded frequently.

Saturday 24th November 2018.

Gates open 7.00AM, track opens at 7.00AM to 8.00AM open practise.

Qualifying and Festival events will run through the day, with the first round of races.

Festival BBQ and videos in WCS Workshop after days racing. We will be able to make any custom parts required if breakages during the day.

Sunday 25 November 2018.

Gates open at 7.00am, track opens at 7.00am to 8.00am open practise

2nd and 3rd round of races, followed by prizegiving.

The organiser advises that times are dependent on entries and reserve the right to change as required.

Driver Eligibility:

Drivers are to hold a membership in a NZRCA club. For competitors that are entering the festival as a one-off driver to celebrate old RC, RIR will offer a weekend membership for \$5.

Racing and Car Eligibility.

As this is a festival event, NZRCA rules pertaining to General event requirements, safety and technical where applicable will apply, otherwise these regulations will apply for all classes.

In all classes, if you have more than one eligible vehicle in specific classes, you may use any vehicle in any race as long as it applies with the rules of that class.

IE In Pre96 Stock you can use a TRX1, RC10, Cougar in any race for this class, as long as it has the RS540 motor fitted and meets the other technical requirements spelt out in these regulations. This applies to any of the classes.

Classes:

Pre89 2WD and Pre89 4WD – RS540 Motors only

Cars must run Johnson or Mabuchi RS540 Motors. No other variant is acceptable.
Batteries are as per NZRCA Rules
No minimum weight
Period aftermarket chassis kits can be used. IE Hot Trick Variants, 4WD RC10 kits
Any relevant Period hop-up parts are allowed.
Maximum Wheel size of 2" on any Driving wheels. Modern 2.2" tires maybe fitted to the 2" rims.

Pre96 2WD and Pre96 4WD Stock – RS540 Motors only

Cars must run Johnson or Mabuchi RS540 Motors. No other variant is acceptable.
Batteries are as per NZRCA Rules
Minimum Weights 2WD 1420grams
4WD 1520grams
Period aftermarket chassis kits can be used. IE Hot Trick Variants, 4WD RC10 kits
Any relevant Period hop-up parts are allowed.

Pre96 2WD and Pre96 4WD Modified – Brushed or Brushless motors

Cars may run any Brushed 540 or Brushless Motors motors.
Batteries are as per NZRCA Rules
Minimum Weights 2WD 1420grams
4WD 1520grams
Period aftermarket chassis kits can be used. IE Hot Trick Variants, 4WD RC10 kits
Any relevant Period hop-up parts are allowed.

Pre96 2WD Trucks

Cars may run any Brushed 540 or Brushless Motors motors.
Batteries are as per NZRCA Rules
Minimum Weights 2WD 1575grams
Period aftermarket chassis kits can be used. IE Hot Trick Variants, 4WD RC10 kits
Any relevant Period hop-up parts are allowed.

Stunt Class

This is a class open to Tamiya Wheelie cars.
Modern Rere's are eligible
Tamiya Frog Variants ie Blackfoot, Beetle are eligible. Stadium Blitzer Variants **enter PRE96 2WD Trucks.**
Batteries are as per NZRCA Rules
Any relevant Period hop-up parts are allowed.

A spreadsheet is attached to help determine eligibility for each class.

Under 17 Open Classes and Rules

The purpose of this class is to allow children of adults entering the Vintage Festival to bring their children and run the modern cars that would normally stay at home. It is a good step into a 2 day meeting for our future racers at a low pressure event. The intent is a great family weekend away with a chance for children to shine.

All drivers to be under 17 years old as at 31 December 2018

Under 17 Open 2WD

Any Rear wheel drive 2WD chassis/vehicle is eligible to enter
Motors are limited to 17.5T Brushless
Batteries are as per NZRCA Rules
Weights and dimensions as per NZRCA 2WD Buggy rules.

Under 17 Open 4WD

Any 4 wheel drive chassis/vehicle is eligible to enter

Motors are limited to 17.5T Brushless
Batteries are as per NZRCA Rules
Weights and dimensions as per NZRCA 2WD Buggy rules.

Under 17 Open Truck

Open for any truck, either Short Course or Stadium Truck

Motors – Non Traxxas Trucks – 10.5T Brushless motor

Batteries are as per NZRCA Rules

- Traxxas Models
- 12T Titan 550 Brushed Motors allowed
 - 8.4V Seven cell NIMAH batteries allowed with 12T motors only
 - Any kit fitted motor variant allowed.
 - Only 2S Lipos maximum

Minimum Weight 1600Grams

For all NZRCA Rules and regulations go to www.nzrca.co.nz

Tires:

Tires are open for all classes. This dirt surface offers good grip levels, we recommend Blockades, Goosebumps, Hybrids, PR 1606 Tires, Losi Step Pins. Pretty much all modern tires will work. For Vintage classes we prefer in the spirit of old rc racing that older tires are used, especially for PRE89 classes, or failing that modern tires fitted to older rims to look more period.

Marshalling:

Drivers must marshal the race one following their own race.

(Race 1 Marshalls Race 3 – Race 2 Marshalls Race 4 etc).

If you are unable to marshal for any reason, it is the racers responsibility to find an alternative marshal and advise the race director.

Lap Counting:

Scoring will be via LiveTime using AMBrc. Competitors will need to provide their own personal transponders. If Junior racers do not have a AMB Transponder we will endeavour to manually time you with help from other adults.

Race numbers will be provided so please remove or cover any existing numbers on your car.

Driver Registration / Scrutineering:

Drivers must register with the scrutineers if they wish to race. No cars are to go on to the track until they have passed initial scrutineering.

All cars maybe scrutineered **after their race.**

Indoor Venue:

The track is an outdoor venue. We will not have a wet weather indoor venue.

Power / Water / Rubbish:

Power will be available at the track for competitors. Please supply your own extension cords.

Non-potable water will be available onsite. Competitors are to bring their own tables and chairs. There is plenty of room for trailers, caravans etc. Camping is allowed, however we only have basic toilet facilities available. Self-Contained units are welcome, Caravan power plugs are being installed currently.

Rubbish – bins shall be provided, please ensure you use them or take your rubbish home with you.

Accommodation:

There is plenty of accommodation in the Manawatu Area. The track is situated 8km from the Napier Road exit of Palmerston North, and is 3km from Ashhurst and 15km from Feilding. There are also plenty of food options in the city. We are planning a BBQ for Saturday night for all involved, with refreshments and vintage videos playing and also hope to have the event wrapped up by 3pm on Sunday to allow for an easier trip home.

Palmerston North Airport is approximately 10 minutes from the track.

Food:

Food and Drinks will be available at the track on all days during the event. EFTPOS will not be available. Nearest ATM are 8km away in Palmerston North, at the ANZ at Terrace End.

Qualifying:

There will be a minimum of 3 heats. Best ONE performance shall determine your final and grid position. Competitors will start qualifying on a staggered start system. RIR will mark on the track a series of qualifying starting boxes. You must form up in these boxes in the order of the grid sheet each qualifying round. We will endeavour to have someone to help you.

Finals:

Maximum of 12 car finals. Should a class only receive 13 or 14 cars, we will merge these into one grid. There shall be 3 rounds of finals. NZRCA Points System shall be used to calculate final positions in all classes.

Entry Fees:

Entry fee is \$50 regardless of cars entered. Each competitor (not number of cars entered) will receive a Coffee Mug. Additional mugs are available for \$10 each.

ENTRIES are OPEN now at www.rcsignup.com

Entry payments maybe made to the following bank account or via PayPal on RCSignup.

We Cut Shapes Ltd – Raukawa International Raceway
ANZ, Palmerston North Branch.

Account Number: 01-0755-0265226-01

Please put your full name as reference so we can reconcile your payment against the entry. If you are unsure, flick us a email to advise you have made payment so we can check.

For any event enquiries, please contact:

Organiser: Julian Hardy rc@rir.nz 0274 43 43 43

Event supported by Manawatu Radio Controlled Car Club

Event sponsored by:

We Cut Shapes Ltd
Raukawa International Raceway