

Supplementary Regulations
KWRC Rallycross Championship Event #2, 2022
July 9, 2022
Eagles Nest RallyCross Track



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Name of Event

2022 KWRC Rallycross Championship Event #2, 2022

Description of the events

This rallycross will be the standard format with competitors completing one timed lap at a time, hopefully with six laps per competitor. It is a stand-alone event and not part of our series championship. In part, the purpose is to develop our new track and see what works and what doesn't.

Organizing Committee

Organizing Club	Kitchener Waterloo Rally Club
Organizer	Martin Loveridge
Registrar	Christina Thomlinson rally.christina@gmail.com
Scoring	Darin Mayes
Competitor Relations Officer (CRO)	Martin Loveridge
Clerks of the Course	Jeff Lantz, Vasu Nyapati

Jurisdiction

Rallycrosses are held under the CARS 2022 General Competition Rules, the Rallycross Rules and Regulations (RCRRs) and General Completion Rules (GCRs) of the Canadian Association of Rallysport (CARS) and any subsequent bulletins. These rules are available through the CARS website www.carsrally.ca.

Location

Rallycross headquarters will be located at the Eagles Nest RallyCross track
1513A Seneca Rd.
Ohsweken, ON
NOA 1M0
GPS: [43.07324, -80.14716](#)

The track is on the east side of Seneca Rd. between Third and Fourth Line, across the street from the MotoCross track. Be careful when you drive into our track from the road; the culvert across the deep ditch is narrow and it would be easy to drop a wheel into the ditch.

Permits and permissions will be obtained. At no time during the event will a competing vehicle use public roads. Organizers ask that vehicles coming to or leaving the venue at any time be driven in a responsible manner. Practicing on public roads or any violations of the CARS Code of Conduct **will not be tolerated and may result in exclusion** from the event. Penalties could be applied against offenders regarding entry in all CARS sanctioned events. The organizers also reserve the right to expel any offenders from the event.

Competition Area

All lands comprising the track shall be considered the competition area.

Spectators are to remain in the paddock, there are no grandstands or other amenities.

The course shall be marked with caution tape, pylons, arrows, tires or barrels as required.

Schedule

Saturday June 25, 7:00AM	Online Registration Opens
Thursday July 7, 12:00PM, or when full	Online Registration Closes

RC#2 Saturday July 9, 2022	
8h00 – 9h30	Technical Inspection & course setup
9h00	Event Registration Opens, Parking Lot
9h30	Event Registration Closes, Parking Lot
9h30	Competitors' Meeting, Parking Lot
9h00	Recce for drivers, after you have registered
	SS1 for first drivers to start after competitors meeting & recce
Approx. 12h30	Lunch – see notes
13h00	Afternoon stages
Approx. 15h30	RC#2 ends

Rallycross Classes

2wd	Any two-wheel drive passenger car
4wdN	Any Naturally Aspirated four-wheel drive passenger car
4wdF	Any Forced Induction four-wheel drive passenger car
Class D	An overlay class. To be eligible the combined ages of the car and driver must equal or exceed 85.

A vehicle may be shared by competitors each with their own entry. See the details of sharing a car with someone you don't live with if that applies to you. (Page 8)

SUVs and pickup trucks with a high centre of gravity will not be eligible to compete in this event.

Convertibles without rollover protection are not allowed. We are going to trial a couple of UTV's at this event but will score them independently.

Organizers may grant permission for competitors to change vehicles between runs provided this does not reflect a change in class.

Entry

Pre Registration will be done via [MotorSportReg.com](https://www.motorsportreg.com) (MSR). If you are unable to complete the registration on MSR send email to martin.loveridge.rally@gmail.com and we may enter the data for you.

Waivers:

New for 2022 is we have to use the online SpeedWaiver. This has been mandated by the insurance company Stoneridge. They state paper waivers are not valid going forward. You need to use a smart phone so you can submit your picture.

When you use MSR for your entry it will ask you to complete a SpeedWaiver. We do have an annual waiver that you just have to fill out once and it will be good for all KWRC rallycrosses and navigational rallies until the end of 2022. The link to the annual waiver is <https://kwrc.speedwaiver.com/swvqp>. If you have completed an annual waiver you don't need to do it again this year.

If this is a problem for you, please contact martin.loveridge.rally@gmail.com to discuss.

A maximum of 30 entries per event will be allowed. After that a wait list will be formed. You must be a member of a CARS affiliated club to enter.

Fees

Competitor	Fee	Registration and Payment
KWRC member	\$85.00	Credit Card: MotorSportReg.com Interac: martin.loveridge.rally@gmail.com
Not a KWRC member	\$100.00	Credit Card: MotorSportReg.com Interac: martin.loveridge.rally@gmail.com

We prefer that you enter through MotorSportReg.com, however we can take Interac transfers to martin.loveridge.rally@gmail.com.

Fee Includes:

Entry for one Driver
All associated levies and event insurance

We will not actually charge your credit card until about two days before the event to be sure the event will run.

Withdrawal or Cancellation

Withdrawals without penalty can be made until the start of the event. With Covid-19, if you are not feeling well on the day of the event we don't want you to think you have to come or lose your entry fee. If you need to cancel at any time prior to the start of the event just let us know and you'll get a full refund. If we have to cancel for weather or any other reason we will inform all competitors as soon as possible. 100% of fees will be refunded in this case.

The Eagles Nest course is mainly a dirt base and if it's wet it can be a problem but at least it isn't clay. We watch the upcoming weather carefully and if there is a lot of rain in the days before the event we'll cancel and notify everybody as soon as possible.

Technical Inspection

Cars may be inspected before the event.

As per CARS NRR 21.6.1 a Technical Inspection Self Declaration must be filled out prior to the event. The Google form is [here](#) or the printable form can be found [here](#). We prefer you use the Google form. Technical inspection will focus on the following:

SEATS AND SEAT BELTS

The material of seatbelts must be in a good condition. The buckles have to work freely.

HELMETS

Helmets bearing "Snell Memorial Foundation" M2005 or SA2005 (or more recent) labels must be worn by all drivers, co-drivers and passengers.(new for 2021) Helmets must be in good visible condition, with no visible defects or damage. See the CARS bulletin at

<https://carsrally.ca/wp-content/uploads/2021/05/Bulletin-2021-03.pdf>

Personnel in cars with cages or partial cages will be required to use a Snell SA2010 helmet or newer as per CARS NRR 11.1.6 (a) and must have roll cage padding complying with CARS NRR 12.3.2.6

We will not have loaner helmets available; people will need to bring their own.

WHEELS

Loose wheels can be a danger to workers and others around the field. Please check that your lug nuts are of the correct type for the wheel and are properly torqued. Consider checking the torque part way through the day. Have a close look at the wheels for any signs of cracks or damage.

Any loose items must be removed from the car or safely secured by means of appropriate straps. When lined up to start the course for the first SS, the Technical Inspector or delegate may inspect your car for helmet compliance and to make sure the car is emptied of all loose items. Random checks may happen through the day.

Championship

This event will count in our 2022 Rallycross championship.

Safety Equipment

The following safety equipment will be on site at all times and placed at an easily visible and accessible location:

- Fire extinguishers
- Comprehensive First Aid Kit
- A vehicle equipped with a tow rope will be available
- Hand Sanitizers
- Disinfectant Wipes
- Disposable gloves

Competitive Runs & Timing

Competing vehicles shall be timed on the course one at a time.

No car shall start its run if another vehicle is on course in a position that could result in contact between them.

A competitive run shall commence from a standing start. A countdown shall be used in all cases. Electronic Timing will be used via digital display or start lights. The display will be counting down and a Competitor will start their run when the display says "GO" and/or the light flashes Green.

In unusual circumstances, we may have to use manual stopwatches. When timing with a stopwatch, the timing will begin when the marshal says "Go". We expect to use Darin's electronic timing system which posts results immediately to <https://kwrc.blither.net>

A competitive run shall end when the competing vehicle crosses a flying finish line marked by a red flying finish board. A short distance after the flying finish will be a "Stop Box" which will be about twice the length of a car. You must have your car slowed to a reasonable speed (~10Km/Hr) and under control by the end of the stop box, but you don't have to come to a complete stop. Failing to comply with the intent of the stop box could endanger workers and will incur a minimum of a 20 second penalty. Serious violations could be penalized by exclusion.

Results will be determined by the cumulative times recorded for each run. An incomplete or missed run will be scored at 5 minutes or longer depending on the course layout and track conditions.

Competitors are expected to line up in their start order 5 minutes before their expected start time and are expected to run within 3 car numbers of their start order or will be classified as a DNS. If the competitor informs the organizers that they will be unable to start at their designated position, an exemption from the above may be granted, but the event will not be delayed, and the affected competitor may miss their run. We'll do our best to make sure everybody get their runs.

Competitors must obey all marshals!

If you withdraw during the event, please notify scoring.

If a large red "STOP" sign or waved red flag is shown to a competitor during a competitive run, competitors are to stop immediately. When instructed by the marshal, proceed to the finish at a **SLOW** speed. The competitor will then be allowed to re-start their competitive run. Any practice or excessive speed during this time will result in the competitor being excluded from the run and listed as a DNF.

Scoring may be based on a n-1 basis so your worst run will be dropped, and we are trying for at least six runs. If we need to change the course part way through the day we may change to all runs counting since it would be hard to decide which run to drop.

Car Sharing

You will need to be comfortable with the Covid status of the people you are sharing a car with. Use of masks and sanitizer is encouraged. Up to three people can share a car. **Ride-alongs are permitted as long as: 1) the passengers have approved helmets. 2) they are a minimum of 16 years old and 3) they have signed a SpeedWaiver.**

Penalties

A penalty of up to 20 seconds will be added to a competitor's score if the competitor:

- Is deemed to have gone off course (Short cutting). Running over cones marking the inside of a corner could be interpreted as short cutting.
- Has a stop box violation. One minute for second offence, disqualification for a third offence.
- Jumps the start
- Hitting a device such as cones, hay bales, barrels or tires marking a chicane or protecting fixed objects or hits fixed objects.

A penalty ranging from 10 seconds to exclusion may be applied to all the competitors using the offending vehicle for the following:

- Actions detrimental to the sport or code of conduct violations.
- Speeding or drifting in the parking lot, driveways, non-competition areas, service area or during recce.
- Actions that endanger workers or spectators.

Alcohol and Drugs

The possession of alcoholic beverages while on the track property is strictly prohibited. Any person suspected of being impaired by drugs or alcohol will be removed from the property immediately.

General Safety Rules and Regulations

Rallycross is intended for, but not restricted to, street legal, licensed passenger cars. All vehicles must be in a good state of repair and be in good mechanical condition. Particular attention will be paid to brakes, exhaust and bodywork. Vehicles do not need to be licensed or insured.

Windows in the driver and passenger side doors must be rolled up during competition. Window safety nets may be used in lieu of having windows rolled up during competition. Refer to CARS NRR 12.3.9.3 for recommended installation.

There are no restrictions on tires other than **studs are not permitted.**

Exhaust systems must be of sound condition and are subject to CARS NRR Section 12.4.4. Monitoring of sound levels may be conducted. **Anti-lag and launch control systems may not be used.**

Batteries must be securely mounted using metal to metal mounts. If mounted in the passenger compartment, the battery must be contained inside a covered non-conductive box (CARS NRR Section 12.3.7).

Nitrous Oxide systems are not permitted. Stock fuel tanks are allowed. Any other type of fuel tank is subject to CARS NRR 12.3.11.2 through 6.

Seat mountings, other than in the stock locations, must be securely mounted to the chassis of the vehicle in a manner to prevent movement in case of an accident.

Notes

- We will have porta potties and we will endeavor to disinfect them regularly.
- We plan to provide lunch, bring your own snacks, drinks and sunscreen.

New for 2022

CARS rules have been updated:

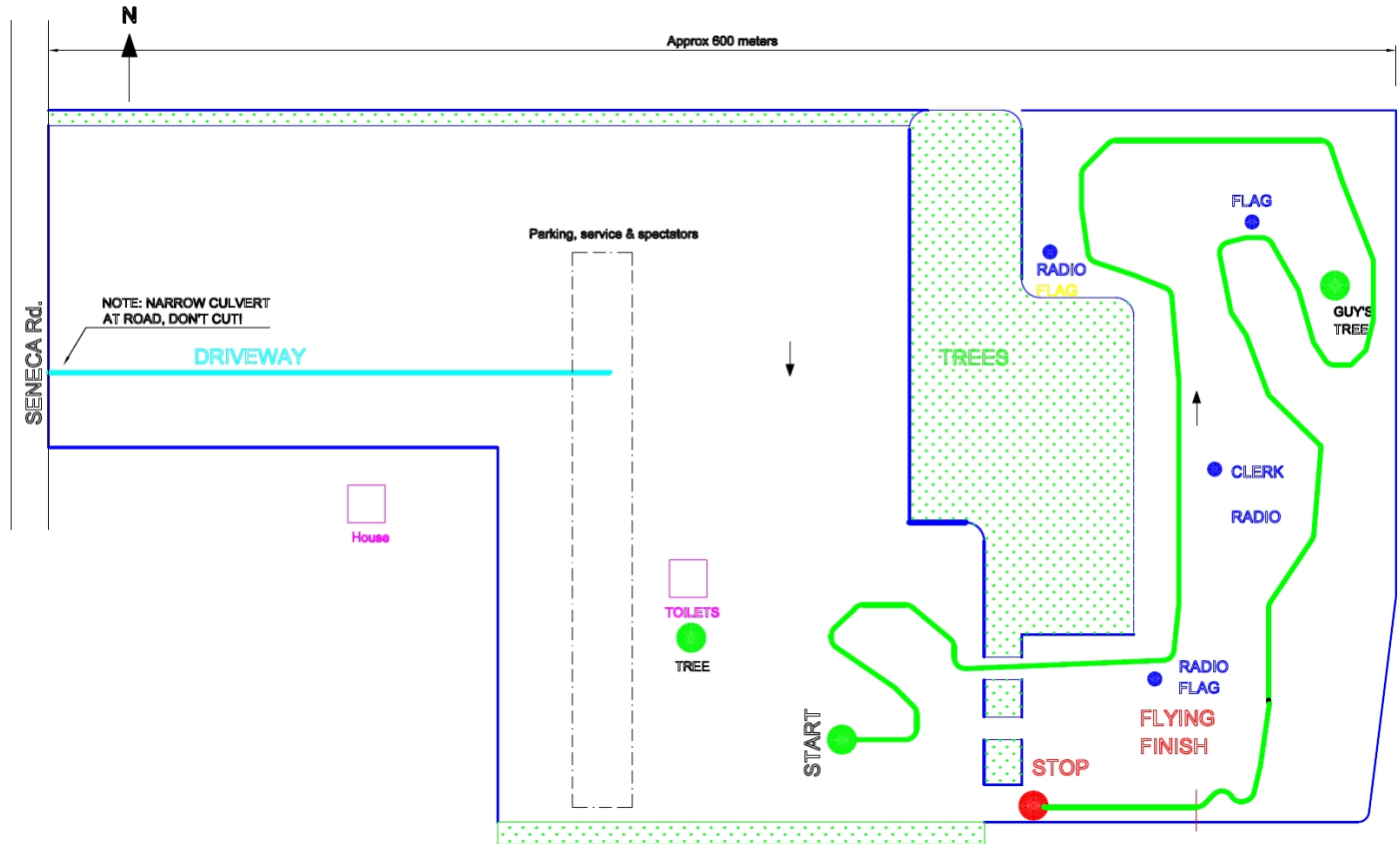
Passengers with a minimum age of 16 years and with a minimum weight 36 kg and minimum height 145 cm are permitted. People who are below any of these minimum requirements are not permitted.

Please see the CARS bulletin at

<https://carsrally.ca/wp-content/uploads/2021/05/Bulletin-2021-03.pdf> .

The bulletin also includes the new helmet regulations.

Possible track layout. With potential dust issues we'll probably just use the east field with a track about 1.3km long. I'll update this diagram when we know for sure.





Layout showing property boundaries & parking