



Important Notices about Spring Nationals Weekend:

- Anybody arriving before gates open on Thursday or any time afterwards outside of wristband sales hours will be required to remain outside the gate. Plenty of overnight parking is available outside of Gates 25 & 26.
- Wristbands will be sold at Gate 25, and you will enter the track through Gate 26.
- Bicycles, scooters, skateboards, hoverboards, etc. are not permitted between the time of the first scheduled session and final session of the day. CKNA will confiscate any of these items without warning.
- Only race officials, support staff and people with a medical need will be permitted to utilize any type of pit vehicle.
- Anybody camping at the facility outside of the Motorhome Patio will be required to pay a fee. If you have not paid the additional camping fee and intend to camp at the facility, you MUST notify registration and pay the fee that is mandatory at this facility.
- Alcohol is only permitted after the track has gone cold for the day by persons 21 years of age or older. Drugs are not permitted at any time during CKNA events, regardless of local laws. Violations will lead to expulsion from the event.
- If you paid the \$100 deposit online, please bring your balance owed in cash. If you bring a credit card/debit card, you will be charged the amount you received as a discount, plus an additional 2.75% processing fee on the entire balance owed.





2023 Spring Nationals Supplemental Rules

EVENT FORMAT:

- This event will follow the “National Format” as outlined in the CKNA rulebook, with the exception of how split classes are split, scored, and recombined.
 - Drivers in split classes will remain in their same run groups for Rounds 1 & 2.
 - Grid assignments from Qualifying to Round 1, and Round 1 to Round 2 will be progressive (based on previous session’s finishing order).
 - Heat points will be awarded for each round based on the National Format’s Heat Points table from the CKNA Rulebook. Starting positions for the LCQ’s and Features will be determined by the accumulation of points through Rounds 1 and 2. Qualifying will break any ties.
 - No points will be utilized after the LCQs and Features are populated. The driver who wins the Feature will be named the Spring Nationals Champion!

LCQ/FEATURE TRANSFERS:

- Due to the number of entries at the time of these rules being published, the Junior, Sr. Light and Sr. Medium Classes are scheduled for Split Heats and a Last Chance Qualifier. This unfortunately means that all drivers will not participate in the Feature race.
 - The number of drivers automatically transferring to the Feature or having to try and transfer through the LCQ has yet to be determined. This decision will be based on Race Official’s observations on Friday.
 - The “cut off” for the feature will be announced in the Saturday Morning drivers meeting.
- If walk up entries in any other classes exceed a number of total drivers that race officials determine is too many to race together, additional classes may be moved to the Split Heats / LCQ format.

CAMSHAFT:

- In addition to the measurements in Briggs & Stratton 206 rules section 28 - Camshaft Profile Limits Rules:
 - **Centerline of the INTAKE lobe must measure 105°-107°.**
 - Centerline will be determined by zeroing a dial indicator at max lift on the intake lobe, then taking degree measurements at .050 before and after max lift of the intake lobe.
 - Any camshaft measuring outside of this specification will result in disqualification and confiscation of the short block (defined as all components in the sealed engine including cam, lifters, crank, rod, piston, etc..) for further inspection by CKNA National tech. If further inspection finds evidence of tampering with sealed components in the short block and/or an obvious attempt to circumvent the rules; an additional suspension may also be issued post-race.
 - A replacement short block may be provided at the organization’s discretion based on availability. Only competitors whose camshaft checks .5 degrees or less outside of the specification will be eligible to receive a replacement short block.
- This event is the first time CKNA will implement this additional centerline rule to further verify that camshafts have not been manipulated. We have worked for many months with various partners, and documented HUNDREDS of engines to determine an acceptable tolerance. We believe the 105°-107° specification to be a generous window, and plan to further tighten the tolerance once more data becomes available. This rule will become a permanent part of the CKNA rulebook later in 2023.

FUEL:

- Spec fuel is 87 octane gasoline available at 4521 Morehead Rd, Concord, NC 28027, just outside the speedway. The station is open from 7am – 9pm each day.
- If non-oxygenated fuel is available, it is NOT LEGAL! Please make sure to buy the regular 87 octane fuel.
- **It is HIGHLY advised to follow these steps to ensure you pass fuel tech:**
 - Assuming the previous customer bought a different grade fuel, it is your best practice to put the first gallon of in your vehicle or another container. The hose may contain fuel that **WILL NOT PASS TECH!**
 - Only place spec fuel in a clean and dry gas can. Cans previously containing mixed fuels may be contaminated.
 - Remove and completely empty your karts fuel tank before refilling. Siphoning or disconnecting a fuel line may leave fuel in the tank, which has caused multiple fuel DQ's in the past including the 2017 Grands.
 - Tech will provide complementary fuel tests at any time.

Oil:

- A spec oil is not specified; however, no oil additives may be used.
- Oil is subject to testing for additives by oil sniffer or flame test. Oil may not carry a flame before, during or after a race.

PRETECH:

- All karts must make an attempt to pass pretech prior to Friday's "FINAL PRACTICE". Only late arrivals or those who had issues needing correction should attempt to pretech on Saturday Morning.
 - Chassis tech stickers and engine tech seals will be installed by CKNA officials. These seals are not to be tampered with by competitors. Any destruction of a seal will be grounds for disqualification.
- Drivers must bring their helmet to pretech for inspection and turn in their completed pretech form.
- Tech inspectors have the authority to request any safety related repairs to a kart prior to it passing inspection. This is not limited to items on the inspection sheet.
- It is not the pretech officials' job to inspect the entire kart for legality. If a problem is observed it will be brought to the racers attention. Officials are not responsible for any potentially missed items.
- Passing pretech is not a guarantee of a kart's legality or of its level of safety. It is ultimately up to the racer to maintain their kart in a legal and safe fashion.

TIRES:

- Only Vega VAH tires will be permitted in any dry session. Wet sessions require the Vega W6 tires.
- Racers will be required to present their race tires prior to qualifying to CKNA officials for scanning. CKNA will record the serial numbers of each entry's dry tires. The tire scanning will be performed next to the VEGA tire pickup area.
 - Recorded tires are the only tires allowed to be used in Qualifying, Heats, LCQ's or Features.
 - Competitors may use any VEGA W6 tire whether it was purchased for this event or not.
- If a tire is damaged during racing, racers must report to tech to obtain permission to replace the damaged tire.
 - Please see the CKNA rulebook for detailed explanation of penalties that may be incurred by replacing a tire

KART NUMBERS:

- All numbers must be legible. Black numbers on either a white or yellow background are REQUIRED!
- CKNA has approved numbers available at registration for only \$1 each.
- If pre-tech officials determine the numbers on your kart cannot be easily read, you will be required to install replacement numbers prior to leaving pre-tech. This may be their opinion, but that is what counts!
 - To be clear, having the correct number AND legible numbers is now a pretech requirement!

TRANSPONDERS:

- Timing and Scoring will be operational throughout Friday practice to give officials every opportunity to make sure your transponder is correctly associated to your name/kart.
- All drivers are required to run their transponder during Friday practice. Even though lap times may not be displayed via Race Monitor, timing staff will be actively verifying the registration information.
- Transponders are required for all sessions throughout the weekend unless otherwise approved by race officials.
- In the event of a transponder failure, the CKNA rulebook allows us several options to manually score a competitor.
 - Sessions by time will use the 2nd fastest "real lap" recorded by the karts onboard data acquisition.
 - Sessions by position will be hand scored. This is not guaranteed, but officials will make a reasonable attempt.
- Any competitor having a scoring issue that did not confirm their transponders operation in practice sessions may not be eligible for these exceptions.

SPORTSMAN WEIGHT:

- A Typo was discovered recently in the CKNA Rulebook. The correct weight for the Sportsman class (USA) is 275#.
 - This error will be corrected in an upcoming CKNA Rulebook Update.

BODYWORK:

- As KG is still distributing their new 507 drivers fairing without a homologation stamp, we are reluctantly permitting this fairing for use. Fairings must be unmodified and will be compared to the FIA's technical drawings available on the K GKARTING.IT website as well as a known unmodified sample.

KID KART TRACK CONFIGURATION:

- Kid Karts will run the same race configuration but will have fewer laps to achieve an approximate equal track time.

SPORTSMANSHIP FLAG:

- The Black and White diagonal flag may be used in the event of a penalty to notify a driver.
- There is no guarantee of the usage of the sportsmanship flag. It is a courtesy from race officials. It may not always be possible for officials to utilize the flag in a timely manner.
- If a penalty for avoidable contact, unsportsmanlike driving, or blocking has been called prior to two laps remaining in the race, the flag will be displayed to the driver who has committed the penalty along with the white board by the chief starter at the start/finish line for 2 laps.
 - The first lap the white board will display "# behind #" to tell the driver where they belong on track.
 - The second lap the board may display the infraction along with the drivers # who has been penalized. The offending driver has the option to adhere to the penalty and place themselves in the correct running order completely behind the kart that the infraction occurred upon.
- If the offending driver can and does adhere to the flag during the race, the penalty will be removed and acknowledged by race officials immediately and the drivers can go back to racing as normal.
- In the event a driver does not adhere to the Sportsmanship Flag, the effected driver(s) will be notified and penalized after the race by the Rules Official at scales.



REQUESTS FOR REVIEW / PROTESTS AND VIDEO REVIEW:

- The CKNA rulebook specifically outlines the procedures to request review of a decision of a race official or on track incident as well as technical protests.
 - A Review Official will be stationed in the tech area throughout the event. Completed Request for Review forms should be brought to them along with the penalty slip issued by CKNA and the associated \$200 cash payment. No checks!
 - Forms will be available in the scale area from a Review Official, who can help you fill out the form if needed.
 - Competitors are only permitted to submit one request per event, regardless of the number of classes they have entered. Only upon a successful review will a competitor be allowed to submit a second review later in the weekend.
 - Forms, payment and any supplied video evidence must be turned in no later than 30 minutes from the time the racer received their penalty slip.
 - Per the CKNA Rules, only competitors that have declared in registration they have an on-board camera will be permitted to supply video as apart of a request for review.

PODIUM PROCEDURES:

- All podium presentations will be held following the completion of tech in all classes, and after a minimum of 30 minutes has elapsed since the completion of the final race.
- The Podium presentation will take place on the Charlotte Motor Speedway's official podium, located to the South of the garages. It is a bit of a walk, so please head that way early.
- Spring National Champions are welcome to bring their kart to the podium for the presentation. If you would like to do that, please make sure to have adequate help to place the kart on the ground quickly as to not delay the podium procedures.
- The top 5 drivers will be recognized in each class.

PRACTICE PENALTIES:

- Competitors are subject to the same driving etiquette in practice sessions as they are in races. Officials may penalize a driver causing any avoidable incident in a practice session as outlined in the CKNA rule book.

GENERAL:

- Although every attempt has been made in the creation of the CKNA ruleset to be as complete as possible, not every circumstance can be accounted for; The Race Director has full authority to implement/modify rules that he/she feels are imperative to maintaining the spirit and safety level of the event.



2023 Spring Nationals

Tech Reminders

REMINDERS FROM OUR TECH STAFF:

- Whether you have raced a CKNA event before or not, please make sure to read the rulebook prior to the event.
- Special attention will be given by tech staff to ballast being safely and securely mounted to the kart per CKNA rules.
- All classes will be required to run CIK seats as described in the CKNA rulebook.
- Please measure the distance your sidepods protrude from your chassis in relation to the rear tires. Regardless of bodywork style, tires may extend no more than 1.5" beyond the outermost point of the side pod/panel and can be no more than 1.3125" inside the outermost point of the pod/panel.
- Rear bumpers may not be wider than the rear track width unless rain tires are utilized.
 - Many of the available plastic one-piece bumpers may be too wide depending on the chassis setup, so please be prepared to have this inspected. Racers will be told to find a way to comply with this rule.
- Rear Bumpers must cover at least half the rear tire at all times, as measured from the outermost portion of the wheel/tire assembly
 - Some chassis are now utilizing floating rear bumpers. Tech officials will move your bumper to the most extreme positions in both directions to check this measurement.
- If you are called to tech, please be prepared with the tools to do the following: (loaner tools will not be available)
 - Remove engine side nerf bar / side pod.
 - Remove fan cover
 - Remove valve cover
 - Remove exhaust
 - Remove air filter
 - Remove Carb and Intake manifold
 - Remove black upper heat shields (both)
 - Remove engine from the kart
- Mechanics in restricted classes should have a screwdriver on hand at all times for spot slide checks.

TECH CLARIFICATIONS:

- Wheel widths are taken from the outside of the wheel as raced. The advertised width of the wheel is irrelevant.
- The air filter may not be modified in any way or have any material added or removed.
 - A hole no greater than 1/4" is permitted in the cap of the air filter for the attachment of a rain guard. If no guard is being utilized, the hole must be sealed either by a fastener or other method.
 - Guard fasteners may protrude no more than 3/4" inside the filter.
- All equipment is subject to any level of technical inspection officials see fit at any time. This includes pre-race once your kart has been presented to the grid. Officials will pick random karts to perform spot checks as well.
- No additional elements may be attached to any CIK body part unless it is specifically designed for that particular body part and supplied by its manufacturer. Exceptions would be cameras, graphics or data acquisition equipment.
- There will be no "Clutch Claim" rule in place.
- Both engines with holographic seals WITH black tracer wire and the new SMART seal are legal for competition.
- All parts of the engine are subject to inspection including those inside the short block.
- Tire warmers are not permitted.



2023 Spring Nationals Schedule Overview

For Thursday load-in, we will begin parking people at 11:00am in the order they are lined up in at the entrance. No one will be admitted without a wristband for parking.

Wristbands will be sold at Gate 25, and you will enter the track through Gate 26.

Thursday:

- Wristband Sales: 9:30am - 7:00pm
- Gates open: 11:00am and remain open all weekend if you already have a wristband.
 - *(Competitors without pit-passes arriving after 7pm will be required to park outside the gates until the next morning.)*
- Parking: 11:00am – 7:00pm
- Registration open: 12:00pm – 7:00pm
- Tire Pick-up: 3:00pm – 7:00pm
- Pre-Tech: 12:00pm – 7:00pm

Friday:

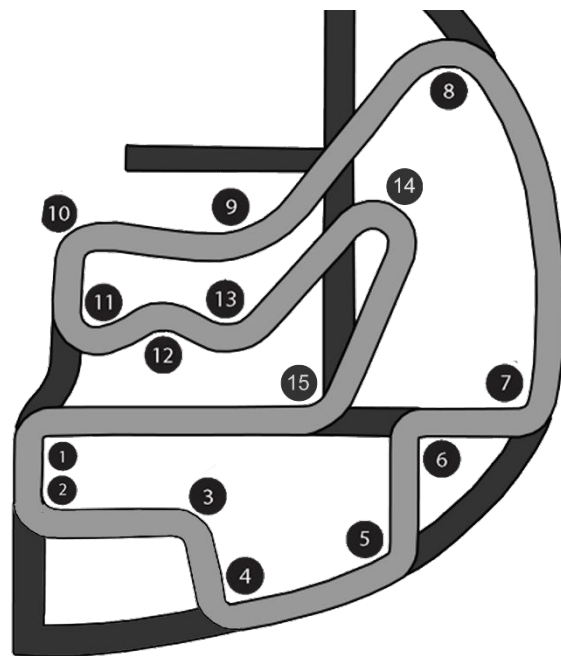
- Wristband Sales: 6:30am - 7:00pm
 - *(Competitors without pit-passes arriving after 7pm will be required to park outside the gates until the next morning.)*
- Parking: 7:00am – 12:00pm
 - *(People are welcome to park after Noon. Please see registration to receive assistance in finding your spot)*
- Registration open: 8:00am – 4:00pm
- Tire Pick-up: 8:00am – 4:00pm
- Tire Scanning: 8:30am – 5:00pm
- Unofficial practice begins: 9:00am
- Pre-Tech 8:00am – 5:00pm

Saturday:

- Wristband Sales: 7:00am - 6:00pm
- Registration open: 7:15am – 8:30am *(Late arrivals only)*
- Tire Pick-up: 7:15am – 8:30am *(Late arrivals only)*
- Tire Scanning: 7:15am – 9:30am *(Late arrivals only)*
- Warm-up session: 8:00am
- Mandatory Drivers Meeting: 9:30am
- Qualifying Begins: 10:15am
- Heat Racing Begins: 1:00pm

Sunday:

- Wristband Sales: 7:30am - 11:00am
- LCQ Warm-up session: 8:30am
- LCQ's: 9:00am
- Warm-ups: 10:00am
- Features: 11:30am
- Podium Ceremony: 3:15pm (estimated)



As always, we ask you to please watch Facebook, CupKarts.com and listen to PA announcements throughout the weekend. If the schedule needs to be revised, these are the methods we will use to notify the racers.