

24 Hours of Orlando Event Rules Ver 1.0

Location:

Orlando Kart Center
10724 Cosmonaut Blvd. Orlando, FL

Entry Requirements:

- A team may enter their own kart for the 24 Hours of Orlando or choose to contact an OEM to prepare a kart for their endeavor.
- Bring your own kart (**BYOK**) entry fees will begin at \$3,000 through Aug 1st, 2019 and will increase to \$3300 through December 1st. All entries after Dec 1st will be \$3,500.
- Spare Briggs and Stratton 206 engines will be available for purchase.
- All entrants will be allowed to take home the Briggs 206 engine that was used.
- Deposit will be \$600 to hold entry. All payments must be made by Jan 10th, 2020.

Classes:

- Pro Class: Ages 16+
- Masters Class: **Average age** of team must be 40 years of age.

-Drivers can drive for multiple entries but must adhere to the team's percentage of laps required.

- A team will consist of 2-5 drivers. Please have finalized rosters and driver bios in hand no later than Jan 2nd, 2020.

All team information will be used on the broadcast, mobile app, and for pit boards.

- Drivers on the team must be 16yrs or older during the calendar year of the event. **Drivers under the age of 16 must receive a waiver to compete through USAC Karting.**

- Should a driver be erratic on track or be unable to maintain a 110% rule, the race stewards may decide to exclude the driver from future drive time.

Event Schedule:

We will not start a session before it is scheduled to.

Event Schedule:

Friday – Jan 31st, 2020

10:00am – Teams may begin pit setup

12:00pm – Engine Lottery (1 member from the team / team captain will select a number between 1-40 and go to the corresponding COMPLETE engine.

3:00pm - Staff meeting

4:00pm – Team Captain meeting for Engine Break-in

4:30pm - 4:40pm - Engine Break-In (Yellow Conditions)

4:50pm - 5:00pm - Engine Break-In (Yellow Condition)

5:10pm - 5:20pm - Engine Break-In (Yellow Condition)

5:30pm - Drain oil and reset the valve lash to ZERO and ZERO COLD

5:45pm - Driver Meetings

7:00pm - Team Practice Begins (60 minutes)

8:00pm - Track Closed for Activity

8:30pm - End of Day for Staff, garages remain open

Saturday – February 1st, 2020

7:00am – Garages Open

7:30am - Staff Meeting

8:00am – Team Captain Meeting with Race Stewards

9:00am– 10:30am Team practice begins (90 minutes)

10:45am – Qualifying Begins (15 minutes) **(FUEL STATION CLOSED)**

11:00am – Qualifying Session Ends All Cars Will cross the scales each time they exit the track. **(NO FUELING ALLOWED)**

11:15am - Pre-Race

11:15am - Karts to the Grid, Introductions

12:00pm - Presentation of Colors

12:03pm - Invocation

12:05pm - National Anthem

12:10pm - Grid Clear, 1 Mechanic w/ Kart, Driver to their positions.

12:13pm - Command to Start Engines w/ Grand Marshall Rodney Sandstorm

12:15pm - Race Start (24hours) (Pits and Fuel Stations Open at the end of the First Lap)

February 2nd, 2020

12:15pm – Race Finish

12:45pm - Awards Ceremony, Presentation of Watches

General Rules:

Kart Rules:

All Karts will be required to adhere to NKA Chassis Rules & 2019 Briggs & Stratton 206 Rules.

Class weights with driver in the kart will be: 360lbs. All drivers must meet the minimum weight

whenever coming off the track.

All Karts must run CIK approved body work. GoldCup style Body work will be not be allowed.

Structural Reinforcing of bumpers and body work is NOT allowed. Wiring, zip ties, and etc are allowed to help mount bumpers and noses.

Seat Height Minimums:

Senior Classes: 13"

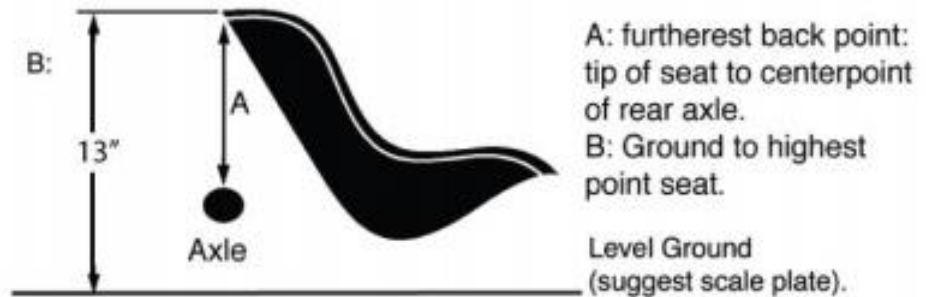
Front brakes are NOT allowed.

Wheel Widths:

-5" wheels only

-5.625" front, 8.375" rear.

-Measured as raced



Tires:

- Tires must be the provided **Hoosier R80s** and will be provided on site support team with Hooiser. Spare tires can be checked out with the Hoosier team.

- All tires will be stamped.

Fuel Lines:

Fuel return lines are not allowed, Fuel lines have a maximum length of 38" from tank to engine.

Standard thickness fuel line only, i.e.: No half inch ID.

Fuel:

Fuel will be provided by OKC. Random fuel testing will be done throughout the entire event.

Oil Changes:

Oil is currently open spec (but subject to change in the event of partnership), and a minimum of 2 oil changes are required over the 24-hour event length.

Each oil stop will consist of 10 minutes and can be done in conjunction with fuel, tires, and driver changes.

Weight:

All bolt on weight must be painted white or a bright color: yellow, fluorescent orange, and etc. Weight with the team number clearly identified and written onto the weight. Loss of weight will be an immediate 15 lap penalty. DO NOT LOSE WEIGHT. All bolt on weight **MUST** have a double nut.

- -Ballast may not be added internally to the chassis or components.
- -Items may be checked randomly during the event.
- -Adding weight to the driver i.e.: shoes, neck collars, and etc. are prohibited and will result in a penalty.

Weight boxes will be available to be affixed to the chassis for weight changes.

Drive Gear / Chains:

- The 24 Hr will utilize a standard #35 chain for the entirety of the race. This provides a common consistency for teams bringing their own kart. A spare sprocket set will be made available by PMG Promotions.
- Gear ratio ranges will be provided by OKC and Briggs to stay in line of RPM limits.
- Initial Gear and Sprocket ratio will be 15/58.

Decals/Decorations:

- Kart number will be selected in order of registration. Duplicate numbers are not allowed.
- Karts will run standard CIK number rules: Yellow panel with black numbers.
- The correct number must be on both sides, front, and rear of the kart.
- Numbers can be up to 3 digits.
- Numbers 01-09 and 001-009 will not be permitted.
- #1 is currently reserved for the **winner of the 2019 SimCraft 24 Hours of Orlando, Zanella Racing**. Should the team not enter the #1 will become available by first registered.
- Lights may be affixed to the kart, but MUST have their own power source and cannot use the provided battery to operate the Driver ID.

Pit Space:

- There are 10x12' covered pit spaces provided at OKC.
- Pit space location can be reserved by those teams who have paid in **full** first.
- Each pit space will receive 2 x 24 packs of water.
- Each pit space will have power.
- Teams may add an additional tent to the edge of their garage space. Additional tents must NOT extend further than 10' into the pit area.
- **Teams must supply their own tables/chairs.**

Signaling tower:

- At Orlando Kart Center there is a gantry above the pit road at track edge, you may use this platform to

signal your teams to pit.

-There will be a trackside location for a sign board.

Radios:

- In kart radio communication to the drivers ARE permitted.

- However, if found to be impacting other team's communications may result in your equipment being impounded through the finish of the race.

Event Format:

Pit Road:

Pit Road is a COLD ZONE.

- Once exiting the scales, drivers MUST turn the engines off as soon as the kart crosses the pit/garage area line. There will be NO exceptions to this. Drivers found to be violating this rule will be summoned to Race Control and time penalties may be enforced.

- Karts may not be restarted until they are in the exit chute.

Practice:

- Supplementary Practice before Saturday can be purchased through Orlando Kart Center and will utilize their rental fleet for \$20 per 8 Minute Session.

-Official Practice will begin at 10:00am on Saturday March 30, 2019. Teams will be given 2 Hrs to practice make kart adjustments and practice their pit stops.

-Correct weight is not required but is highly encouraged.

- 4-minute pit road minimum is waived.

Qualifying:

- Qualifying will be 20 minutes starting immediately at the conclusion of the 2hr practice.

-Bump drafting and or pushing will not be allowed. Both teams involved will lose their fastest lap.

- All karts must scale upon exiting the track. Karts underweight will have the laps of that driver invalidated.

- Teams will not be allowed to refuel after qualifying has concluded.

-The fuel in the tank will what your kart starts the race on.

-Teams can make other adjustments after qualifying until the grid is closed prior to race start.

Race:

- The race will be 24 Hours in length.

- Teams are responsible for tracking their drive laps independently.
- Race Control will monitor for any pit stop that falls under the 4-minute rule. **This will result in a drive through and or additional time lost.**
- **Every driver exiting the track must cross the scales before entering the garages.**
- Drivers found to be underweight will have 1 lap deducted for every pound under.

Pit Stops:

- The pits will have a minimum 4 or 10 (oil) minute stop time measured from the Pit-In to Pit-Out timing loops
- The pit area is a cold pit, engines will not be allowed to restart until at the designated pit out area.
- Teams are will refuel their kart in a designated area near pit out.
- During the race, fuel pit stops will be a maximum of 1 gallon.
- Any team caught adding fuel to their kart outside of their pits will be issued a 30-minute penalty.
- There will be a designated hot pit for emergency repairs only. No changes will be allowed.

Driver Lap Rules:

- All drivers must reference their driver registration # on the MYLAPS Driver-ID System. (Ex. Driver 4, should activate the ID to position 4).
- Drivers may not exceed 3 consecutive stints.
- A Stint is defined by pit stops, not by time. (Ex. Driver 3 has a stint of 20 mins, 1 Hr 30 Mins, and 15 Mins. By exiting pit road 3 times they have met their 3 stint max requirement)
- Should a driver meet the stint maximum rules, they cannot reenter for at least 2 stints.
- A driver on the team may not drive **LESS than 10%** of the total laps covered by the team.
- Driver laps are calculated from the Start/Finish line.

Flags:

- Standard Green, Yellow, Red, Blue, Black, Meatball, White, and Checkered flag rules will apply.
- Blue layover flags will be in strategic locations around the track.

Full Course Yellows:

- **In the event of a full course yellow, karts are to group up behind the leader. The Pits are CLOSED during full course yellows.**

Mechanical Failures:

- Endurance racing pushes man and machine farther than most were designed to be driven. Mechanical failures, while not ideal, are to be expected in some degree. When you enter your kart for tech of Friday we are to assume that you have your kart in 100% working order.

- Should your kart experience a mechanical failure on course and is unable to drive back to the pits, OKC staff will dispatch a kart stand to retrieve your kart.
- All teams are expected to work on their mechanical issues.
- There will be a welding rig on site should you need one.
- Replacement Parts will be billed through Orlando Kart Center's Pro shop located near the Podium.
- All karts must finish the race by crossing the start/finish line. The leader must cross the start/finish line at or after the 24 hour time limit has expired.

Penalties

- A team incurring a penalty will be notified via the crew, prior to a black or meatball flag. They will have a 10-minute window to protest the penalty. The race director or assistant will make a final decision.
- All Penalties will be given at the Start/Finish line with a flag and number shown.

Meatball:

- There is an issue with your kart and you should immediately return to pit road.

Black Flag:

- Should the stewards recognize a driver has caused an incident and it was deemed to not be a "racing incident" the offending kart will be brought into the penalty box and held for 30 seconds.
- Running an engine in the Cold pits: Should a team break the rule they will be called to the penalty box and held for 30 seconds.

Weight Penalties:

- Loss of weight: Teams will be black flagged and reunited with their weight. This will incur a **15 lap** penalty for losing weight while on course.
- Underweight: Teams will be penalized 1 lap for every lb found under weight.

Disqualification:

- Should a driver be found in severe violation of driver conduct rules they may be immediately ejected from the event. The team may continue without the driver.
- Should a team be found to be out of NKA compliance via deliberate undermining of the rules set above.

USAC Karting, Orlando Kart Center, and PMG Promotions hold the right to change event rules and regulations to accommodate any unforeseen circumstances from occurring. All decisions by the Race Director and Assistance Race Directors are final and not appealable.