

## 24 Hours of Orlando Event Rules Rev. 2.0:

### Location:

Orlando Kart Center  
10724 Cosmonaut Blvd. Orlando, FL



### Entry Requirements:

- A team may “hire” a new Tony Kart prepared by OTK or enter a chassis of their own. Each entry will be provided; fuel, tires, and New Briggs and Stratton 206 Engine.
- Hire Kart entry fees will begin at \$5,000 through Nov 22<sup>nd</sup>, 2018. The entry fee will increase by \$300 per month through Feb 1<sup>st</sup>. Teams will have the option to purchase the kart from OTK following the event.
- Bring your own kart (**BYOK**) entry fees will begin at \$2,700 through Nov 22<sup>nd</sup> 2018 and will also increase \$300 per month through Feb 1<sup>st</sup>.
- 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 Feb 2<sup>nd</sup>. After Feb 2<sup>nd</sup> only BYOK entries will be allowed.

### Classes:

- **Pro Class-Ages 15+**
- Masters Class-Average age of team must be 40 years of age.

### **-Drivers are allowed to drive for multiple entries but must adhere to drive times.**

- A team will consist of 2-5 drivers. Please have finalized rosters and driver bios in hand no later than Feb 5<sup>th</sup>. 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.
- 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.

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

### **Friday – March 29, 2019**

**1:00 pm** – Teams may begin pit setup

**1:30 pm** – Kart Lottery for Tony Karts. 1 Member from the team will select a number between 1-20 and go to the corresponding kart. You may begin applying decals and lights once your kart is back to your pit stall.

**2:00 pm** – Engine Lottery (1 member from the team, team captain will select a number between 1-40 and go to the corresponding engine)

**5:00 pm** – Staff Meeting

**6:00 pm** – Team Captain Meeting for Engine Break-in

**6:30 pm - 6:40 pm** – Engine Break-in (Yellow Conditions)

**6:50 pm - 7:00 pm** – Engine Break-in (Yellow Conditions)

**7:10 pm - 7:20 pm** – Engine Break-in (Yellow Conditions)

**7:30pm** – Drain oil and reset the valve lash to ZERO and ZERO COLD

**7:45 pm** – Drivers Meeting

**9:00 pm** – Team Practice 1 begins (60 minutes)

**10:00 pm** – Track Closed for Activity

**10:30 pm** – End of Day for Staff, garages remain open.

### **Saturday – March 30, 2019**

**7:00 AM** – Garages Open

**7:30 AM** – Staff Meeting

**8:00 AM** – Team Captain Meeting with Race Stewards.

**9:00 AM - 10:30 AM** – Team practice 2 begins (90 Minutes)

**10:45 AM** – Qualifying Begins (15 minutes) (**Fuel Station Closed**)

**11:00 AM** – Qualifying Session Ends. All Karts will cross the scales each time they exit the track, karts rolled onto pitlane. **NO FUELING ALLOWED**

**11:15 AM** – Pre-Race

**11:15 AM** – Karts to the grid, Introductions

**12:00 PM** – Presentation of Colors

**12:03 PM** – Invocation

**12:05 PM** – National Anthem

**12:10 PM** – Grid Clear, 1 Mechanic with kart, drivers to their positions.

**12:15 PM** – Race Start (24 Hours) (Pits and Fuel Station opens at end of first lap)

**March 31, 2019**

**12:15 PM** – Race Finish

**12:45 PM** – Awards Ceremony

## **General Rules:**

### **Kart Rules:**

**All Karts will be required to adhere to NKA Chassis Rules & 2018 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"

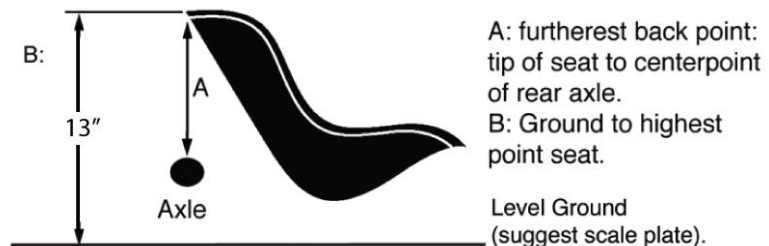
**Front brakes are NOT allowed.**

### **Wheel Widths:**

-5" wheels only

-5.625" front, 8.375" rear.

-Measured as raced



### **Tires:**

Tires must be the provided **Bridgestone YDS** and will be provided on site by the OKC staff.

### **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.

- -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.

### **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 24 Hours of America winner from 2018. 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 8x10 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 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 be 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 time 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 NOT allowed to refuel their kart. All karts will be refueled by race officials at 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 will be issued a 30 minute penalty.
- There will be a designated hot pit for emergency repairs only. No changes will be allowed.

### **Drive Time 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.
- There may not be more than **2 Hours** of total drive time delta between the most driven, and least driven team member.
- Drive Time is calculated from the Pit-Out timing loop.

#### **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. If you are a Hire team there will be a Tony Kart mechanic available for every 3 Hire Karts.
- 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.