



COLORADO KARTING CIRCUIT ***AT CENTENNIAL AIRPORT***

Briggs Endurance Race Event Supplemental Ruleset

1. **Rulesets:** The primary ruleset for CKC hosted race events is the NKA Rulebook, only superseded by the most current version of the CKC supplemental rules and this ruleset. Particular engine categories follow engine regulations from other rulebooks as listed in Section 2 Class Structure of the CKC Supplemental ruleset, however all chassis, sporting & operational regulations follow the NKA Rulebook.
2. **Class Structure**
 - 2.1. **LO206 Junior**
 - 2.1.1. **Age:** 12 - 15 Years Old
 - 2.1.2. **Chassis:** Standard NKA Sprint
 - 2.1.3. **Engine:** LO206 Yellow Slide, most current LO206 USA Rulebook
 - 2.1.4. **Minimum Weight:** 310 lbs
 - 2.1.5. **Fuel:** 87 Ethanol Free from CKC
 - 2.1.6. **Tires & Wheels:** Shinko Green, 2x - 4.5, 2x - 6.0
 - 2.1.6.1. Maximum Front Wheel Width 135mm
 - 2.1.6.2. Maximum Rear Wheel Width 215mm
 - 2.1.7. **Spec Oil:** 4T Racing Oil
 - 2.1.8. **Numbers:** 400-499
 - 2.2. **LO206 Senior**
 - 2.2.1. **Age:** 15+ Years Old
 - 2.2.2. **Chassis:** Standard NKA Sprint
 - 2.2.3. **Engine:** LO206 Black Slide, most current LO206 USA Rulebook

- 2.2.4. **Minimum Weight:** 355 lbs
- 2.2.5. **Fuel:** 87 Ethanol Free from CKC
- 2.2.6. **Tires & Wheels:** Shinko Green, 2x - 4.5, 2x - 6.0
 - 2.2.6.1. Maximum Front Wheel Width 135mm
 - 2.2.6.2. Maximum Rear Wheel Width 215mm
- 2.2.7. **Spec Oil:** 4T Racing Oil
- 2.2.8. **Numbers:** 600-699

2.3. **LO206 Masters**

- 2.3.1. **Age:** 35+ Years Old or 15+ Years Old at 200+ lbs body weight
- 2.3.2. **Chassis:** Standard NKA Sprint
- 2.3.3. **Engine:** LO206 Black Slide, most current LO206
USA Rulebook
- 2.3.4. **Minimum Weight:** 390 lbs
- 2.3.5. **Fuel:** 87 Ethanol Free from CKC
- 2.3.6. **Tires & Wheels:** Shinko Green, 2x - 4.5, 2x - 6.0
 - 2.3.6.1. Maximum Front Wheel Width 135mm
 - 2.3.6.2. Maximum Rear Wheel Width 215mm
- 2.3.7. **Spec Oil:** 4T Racing Oil
- 2.3.8. **Numbers:** 500-599

3. **Sporting Regulations follows CKC Supplemental with the following additions:**

3.1. **Allowed Equipment:**

- 3.1.1. Entrant: For the Endurance Race, the "team" is classified as the entrant with 1-4 drivers registered to the team. All equipment declarations, penalties, tires, etc all fall to the entrant and apply to all drivers registered under the entrant.
- 3.1.2. Drivers cannot register under multiple entrants.
- 3.1.3. Tires: Each team is allowed one set of dry slick tires and one set of wet tires from qualifying through the duration of the event. Additionally, 1 front and 1 rear tire will be allowed to be changed due to punctures as verified by the technical director. Any tire changes not approved by the technical director will result in disqualification. Further details are listed in section 4.1 Tires.
- 3.1.4. Under no circumstance will declared equipment be allowed to change to a different entrant.

3.2. **Penalties: Regular penalties from CKC ruleset plus the addition of:**

- 3.2.1. Unsafe re-entry. Drivers who enter the circuit in a manner deemed unsafe by the Race Director will be penalized a minimum of 1 lap.
- 3.2.2. Pit road speed limit is 10mph. Exceeding the pit road speed limit will result in a 1 lap minimum penalty.
- 3.2.3. Pit area speed limit is 5mph. Exceeding the pit road speed limit will result in a 1 lap minimum penalty.
- 3.2.4. Failure to signal. Failure to signal when exiting the circuit will result in a 1 lap minimum penalty.

3.3. Pit Area:

- 3.3.1. Each team will receive a 10x10 area to set up their pit area for fueling or kart work during the race. All work done on karts during the race must be completed in the designated pit area. Karts that leave the designated pit area are subject to disqualification.
- 3.3.2. Fueling of karts:
 - 3.3.2.1. Each team will start the race on 1 gallon of CKC pump fuel, provided with the entry. Karts will be presented to the pit area on race day morning with empty fuel tanks, and tanks will be filled by the Technical Director. Once fuel has been received the kart is impounded in the Pit Area until the race start.
 - 3.3.2.2. Each team is allowed to refuel their kart using customer provided 87 pump fuel sold by CKC.
 - 3.3.2.3. To refuel the kart engine must be turned off, with the driver out of the kart, and the kart on a kart stand. No exceptions will be made and failure to do so will result in immediate disqualification.
 - 3.3.2.4. Fuel mats are required underneath kart stand to catch any drips or spills
 - 3.3.2.5. Each pit area will have 1x 10# fire extinguisher present.
- 3.3.3. Number of team personnel. Each team is allowed 2 mechanics and 1 driver to have hands on the kart at any given time for repairs, fueling, or any other work. Additional people are not permitted in the pit area.

3.4. Race Starts: The Endurance race will utilize a “Le Mans” style standing start.

- 3.4.1. Teams will start the race based upon a pea pick order. Pea pick will take place during the morning fuel and declarations window.
- 3.4.2. Karts will be lined up single file on the outside of the front straight with the starting race driver lined up opposite the kart on the inside of the front straight. Kart engines can be running prior to the start with 1 crew member holding the kart in place. At the Green Flag drop the drivers will run across the track and jump into their kart to start the race. Crew members are not allowed to push the karts or aid in acceleration in any way. They are simply there to hold the kart from rolling or to re-start the kart in the event of a stall.
- 3.4.3. Once the kart is moving, crew members must exit the circuit immediately. Karts that stall or break after leaving the start line will be assisted and recovered by the CKC race officials.

3.5. Inclement Weather: Racing does continue in inclement weather at CKC at the sole discretion of the Race Director.

- 3.5.1. The Endurance Race is declared wet from the start of the race. Drivers may choose between their allotted sets of Shinko “slick” dry tires and “treaded” wet tires. Tire changes must happen in each team's pit area. Loss of wheels of track will result in event disqualification.
- 3.5.2. In the case of impending severe weather, the event officials will evaluate any available information, cease all activities, and advise all parties to take immediate shelter if necessary. CKC is not responsible or liable for any damage to property or individuals during bouts of severe weather. It is the

responsibility of the driver and their crew/family to recognize severe weather and take appropriate action to secure their property and protect themselves regardless of the actions of the event.

4. Race Vehicle Standards

4.1. Weight

- 4.1.1. All drivers must make minimum weight. Driver weigh in will occur prior to event start. All teams must report to weigh in with fuel tanks empty. 1 gallon of CKC fuel will be added to each kart, then all drivers must make minimum weight at weigh in. All weights will be recorded by technical director. Drivers can be in complete racing safety equipment. Drivers are still subject to post race weigh in.
- 4.1.2. No weight can be added or removed from kart during the event. Any removal of lead weight during the race, intentional or non-intentional, will result in event disqualification.
- 4.1.3. Weight may not be attached to the driver's body or any safety equipment. This includes weighted vests, ankle or wrist weight bands, or weighted shoes. All weight must be attached to the kart per NKA rule specifications.

4.2. Fuel System

- 4.2.1. 8.5L maximum fuel tank capacity
- 4.2.2. 5' fuel line maximum length including filter. 6mm internal maximum diameter.
- 4.2.3. 1 fuel filter per kart, maximum dimensions 1"x2"

4.3. Drive System

- 4.3.1. Karts are not allowed to be equipped with devices to lubricate or oil chain or drive system. Belt drives are allowed.