



## **2024 KCA Karting Challenge Class** **Structure and Rules**

### All Classes:

*Chassis and Bodywork per CIK. CIK "style" bodywork only, no "full coverage" front or side bodywork. CIK full coverage plastic rear protection system is required. Briggs classes must conform to a traditional sprint setup with no lay-down seats or floor pans past the center chassis bar. All rules are subject to change at promoter's discretion. Unless noted, Kart Circuit Autobahn will be following the Route 66 Sprint Series Rule Book for chassis and engine specifications in Briggs LO206 Classes, KA100 and Mini Classes. But for the Ignite classes the Margay Rule Book will be used.*

*Tire warmers and tire prep are strictly prohibited. If tires are found to be outside of the durometer window or do not pass the 'sniffer', those tires will be marked illegal and may be cause for driver suspension.*

- In Briggs LO206 Classes, KA100 and Mini classes; MG rains only. Ignite classes Hoosier rains must be used.
- Competitors found prepping tires and/or tampering with fuel will receive a minimum 1-year ban from competition.
- Briggs classes: Part number 5477S as part of 4110 exhaust is not allowed.
- All competing karts must have a chassis band and an engine seal provided from Tech prior to qualifying AND have the serial number sheet filled out and signed.
- ELF - HTX 909 is the spec oil for all 2 cycle classes.
- Mixing ratio will be 1 liter of Elf HTX 909 to five (5) gallons of spec racing fuel or 6.75 ounces per one (1) gallon of spec racing fuel.

**Grouping for Kart Circuit Autobahn Karting Challenge:**

*Briggs Cadet*  
*Briggs Junior*  
*Briggs Senior*  
*Briggs Mst/Hvy*  
*Mini Swift*  
*KA100 Junior*  
*KA100 Senior*  
*Ignite Rookie*  
*Ignite Junior*  
*Ignite Senior*

**Competition Age:** Unless otherwise stated, a competitor's age for the 2024 race season will be determined by that competitor's age on December 31, 2024. Competitors whose age on December 31, 2024 does not meet the class minimum MUST request, in writing, a waiver from Kart Circuit Autobahn. If a waiver is submitted to Kart Circuit Autobahn, the competitor's racing resume and history will be reviewed and a decision will be provided, in writing, within 30 days. If a waiver is not approved, the competitor may request a review after each 30-day period following the original decision.

**Briggs LO206 Cadet:**

DRIVER AGE: 7-12

CHASSIS: Cadet or Standard

ENGINE/OIL: Any Oil may be used without oxygenators

FUEL: 90 non-ethanol at Kart Circuit Autobahn

CLUTCH: Shoe style only, Briggs United States rules set

SLIDE: Green

WEIGHT: 265

EXHAUST: Briggs Spec Pipe (5507) & Silencer (4104)

Tire: **MG SH or SH2** 10 x 4.60-5 front and rear

\*Seat height minimum from ground to top edge on back of seat 10 inches. 135mm maximum rim

\*Engine Rules per Briggs LO206 United States Rule Set

**Briggs LO206 Junior:**

DRIVER AGE: 12-15

CHASSIS: Standard

ENGINE/OIL: Any Oil may be used without oxygenators

FUEL: 90 **non-ethanol at Kart Circuit Autobahn**

CLUTCH: Shoe style only, Briggs United States rule set

SLIDE: Yellow

WEIGHT: 320

EXHAUST: Briggs Spec Pipe (5507) & Silencer (4104)

TIRE: **MG SH or SH2** 4.60 front/ 6.0 or 7.10 rear

\*Seat height min. from ground to top edge on back of seat 12 in. 135mm max front rim/215mm max rear rim

\*Engine Rules per Briggs LO206 United States Rule Set

**Briggs LO206 Senior 360:**

DRIVER AGE: 15+

ENGINE/OIL: Any Oil may be used without oxygenators

FUEL: **90 non-ethanol at Kart Circuit Autobahn**

CLUTCH: Shoe style only, Briggs United States rules set

WEIGHT: 360

EXHAUST: Briggs Spec Pipe (5507) & Silencer (4104)

TIRE: **MG SH or SH2** 4.60 front/ 6.0 or 7.10 rear

\*Seat height min from ground to top edge on back of seat 13 in. 135mm max front rim/215mm max rear rim

\*Max rear width 1400 mm

\*Engine Rules per Briggs LO206 United States Rule Set

**Briggs LO206 Masters / Heavy 380:**

DRIVER AGE: 30+ or 15+ if driver over 200lbs

ENGINE/OIL: Any Oil may be used without oxygenators

FUEL: **90 non-ethanol at Kart Circuit Autobahn**

CLUTCH: Shoe style only, Briggs United States rules set

WEIGHT: 380

EXHAUST: Briggs Spec Pipe (5507) & Silencer (4104)

TIRE: **MG SH or SH2** 4.60 front/ 6.0 or 7.10 rear

\*Seat height min from ground to top edge on back of seat 13 in. 135mm max front rim/215mm max rear rim

\*Max rear width 1400 mm

\*Engine Rules per Briggs LO206 United States Rule Set

**Margay Ignite Rookie:**

DRIVER AGE: 7-12

CHASSIS: Ignite K2

ENGINE/OIL: Any Oil may be used without oxygenators

FUEL: 90 non-ethanol at Kart Circuit Autobahn

CLUTCH: Hilliard Flame

SLIDE: Red

WEIGHT: 250

EXHAUST: Briggs Spec Pipe (5507) & Silencer (4104)

Tire: **Hoosier R80** 4.50 front and rear

\*Engine Rules per Briggs LO206 United States Rule Set

**Margay Ignite Junior:**

DRIVER AGE: 12-15

CHASSIS: Ignite K3

ENGINE/OIL: Any Oil may be used without oxygenators

FUEL: 90 non-ethanol at Kart Circuit Autobahn

CLUTCH: Hilliard Flame

SLIDE: Yellow

WEIGHT: 320

EXHAUST: Briggs Spec Pipe (5507) & Silencer (4104)

Tire: **Hoosier R80** 4.5 front and 6.0 rear

\*Engine Rules per Briggs LO206 United States Rule Set

**Margay Ignite Senior:**

DRIVER AGE: 15+

CHASSIS: Ignite K3

ENGINE/OIL: Any Oil may be used without oxygenators

FUEL: 90 non-ethanol at Kart Circuit Autobahn

CLUTCH: Hilliard Flame

SLIDE: Black

WEIGHT: 360

EXHAUST: Briggs Spec Pipe (5507) & Silencer (4104)

Tire: **Hoosier R80** 4.5 front and 7.10 rear

\*Engine Rules per Briggs LO206 United States Rule Set

**IAME Mini Swift:**

DRIVER AGE: 7-12

CHASSIS: Cadet or Standard

ENGINE: : IAME OEM Swift Header & Pipe

FUEL: **90 non-ethanol at Kart Circuit Autobahn**

WEIGHT: 245

TIRE: **MG SH or SH2** 4.60 front and rear

SPEC OIL: **1 liter of Elf HTX 909 to five (5) gallons of spec fuel**

\*Stock IAME Air Box required

\*Rain hoods are allowed in wet weather conditions only.

\*Per current Route 66 Rules

\*Must turn 7 years old during calendar year

**IAME KA100 Junior:**

DRIVER AGE: 12-15

CHASSIS: Standard ENGINE: KA100

FUEL: **90 non-ethanol at Kart Circuit Autobahn**

WEIGHT: 320

EXHAUST: 22mm, IAME part # IAH-02020

TIRE: **MG SH or SH2** 4.60 front/ 7.10 rear

SPEC OIL: **1 liter of Elf HTX 909 to five (5) gallons of spec fuel**

\*Per current Route 66 Rules

\*Per current IAME Rules

\*Per current KA100 Supplemental Rules

**IAME KA100 Senior:**

DRIVER AGE: 15+

CHASSIS: Standard ENGINE: KA100

FUEL: **90 non-ethanol at Kart Circuit Autobahn**

WEIGHT: 360

TIRE: **MG SH or SH2** 4.60 front/ 7.10 rear

SPEC OIL: **1 liter of Elf HTX 909 to five (5) gallons of spec fuel**

\*Per current Route 66 Rules

\*Per current IAME Rules

\*Per current KA100 Supplemental Rules