

The Classes

The karts are split into different categories, which are referred to as classes. The classes are set up to simply allow for competitive racing at various levels of investment. Classes are normally determined by the age of the driver and choice of engine. Ages range from 5-years-old to 75+ years-young. All classes are required to run a certain tire and compound while adhering to a minimum weight rule. The minimum weight is the total of the kart and driver in race ready condition after each event. Karts are weighed as they exit the track after every event. An average kart weighs in at 150 to 175 pounds (without driver). If your combined weight isn't enough to satisfy the class requirements, you will be required to bolt lead weights on to your kart. While there is a slight disadvantage to karts that are over the minimum weight, we do have drivers who compete regularly who weigh between 200 and 250 pounds.

Road America Karting Club - 2024 Class Structure & Rules

| Kid Kart Classes <i>*both series</i> | Age | Weight | Tire | Fuel | Engine | Restrictions |
|--|------------|-----------------|---|---|---|--|
| Kid Karts | 5 – 8 | 150 / 170 | MG SH or SH2 (Red) Max circumference of 33-3/8 inches. Max Tire pressure of 30 PSI after race. | Gas only See Footnote #3 / Gas & Oil | Briggs 206 Junior or Comer C50/51 | Briggs Kid Kart Slide #555732 See briggsracing.com for rule set See Footnote #1 See Footnote #4 |
| 4 Cycle Classes <i>*both series</i> | Age | Weight | Tire | Fuel | Engine | Restrictions |
| Briggs 206 Cadet | 7 - 10 | 240 | MG RL1 or VK (Orange) 10 x 4.60-5 Front and rear | Gas See Footnote #3 | Briggs & Stratton 206 - Briggs & Stratton Rule Set | Red Slide #555733 W/ Carb Lock See briggsracing.com for rule set. See Footnote: #4 |
| Briggs 206 Sportsman | 8 - 12 | 260 | MG RL1 or VK (Orange) 10 x 4.60-5 Front and rear | Gas See Footnote #3 | Briggs & Stratton 206 - Briggs & Stratton Rule Set | Green Slide #555740 w/ Carb Lock See briggsracing.com for rule set. See Footnote #4 |
| Briggs 206 Junior | 12 - 15 | 320 | MG RL1 or VK (Orange) 10 x 4.60 - 5 Front 11 x 6.00 - 5 Rear | Gas See Footnote #3 | Briggs & Stratton 206 - Briggs & Stratton Rule Set | Yellow Slide #555741 w/ Carb Lock See briggsracing.com for rule set. |
| Briggs 206 Senior Medium | 15 + | 360 | MG RL1 or VK (Orange) 10 x 4.60 - 5 Front 11 x 6.00 - 5 Rear | Gas See Footnote #3 | Briggs & Stratton 206 - Briggs & Stratton Rule Set | Stock Slide #555590 See briggsracing.com for rule set. |
| Briggs 206 Senior Heavy | 15+ | 390 | MG RL1 or VK (Orange) 10 x 4.60 - 5 Front 11 x 6.00 - 5 Rear | Gas See Footnote #3 | Briggs & Stratton 206 - Briggs & Stratton Rule Set | Stock Slide #555590 See briggsracing.com for rule set. |

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|---|------------|---------------|---|------------------------|--|---|
| Briggs 206 Masters | 35+ | 390 | MG RL1 or VK (Orange) 10 x 4.60 - 5 Front 11 x 6.00 - 5 Rear | Gas See Footnote #3 | Briggs & Stratton 206 - Briggs & Stratton Rule | Stock Slide #555590 See briggsracing.com for rule set |
| 4 Cycle Classes <i>*Weeknight series only</i> | Age | Weight | Tire | Fuel | Engine | Restrictions |
| Briggs World Formula | 15 + | 370 | MG SH or SH2 (Red) 10 x 4.60 - 5 Front 10 x 6.00 - 5 Rear or 11 x 7.10 - 5 Rear | Gas See Footnote #3 | Briggs World Formula - Faster Motors Tech Rules | See Footnote #2 |
| 2 Cycle Classes <i>*Weekend series</i> | Age | Weight | Tire | Fuel | Engine | Restrictions |
| Micro Swift | 7 - 10 | 225 | MG SH or SH2 (Red) 10 x 4.60 - 5 Front and Rear | Gas & Oil | IAME Swift 60cc with factory 16mm header, factory airbox | Tillotson HW-31A Carburetor |
| Mini Swift | 7 - 12 | 245 | MG SH or SH2 (Red) 10 x 4.60 - 5 Front and Rear | Gas & Oil | IAME Swift 60cc, factory airbox | Tillotson HW-31A Carburetor |
| Yamaha Heavy | 15 + | 360 | MG SH or SH2 (Red) 10 x 4.60 - 5 Front 11 x 7.10 - 5 Rear | Gas & Oil | Yamaha KT100S WKA Tech Rules New or old cylinder allowed | RLV SR-Y Pipe # 9110 Header See Footnote #5 |

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|--|------------|---------------|--|-------------|---|--|
| 2 Cycle Classes <i>*Weekend series</i> | Age | Weight | Tire | Fuel | Engine | Restrictions |
| TaG 100 Junior | 12 - 15 | 320 | MG SH or SH2 (Red) 10x4.60-5 Front 11x7.10-5 Rear | Gas & Oil | IAME KA100 w/ Factory Airbox Exhaust: As Supplied by Manufacturer ROK 100 VLR Factory Spec | Junior restrictor as supplied by Manufacturer Carburetor: "IAME" Tillotson HW-33A |
| TaG 100 Senior | 15 + | 360 | MG SH or SH2 (Red) 10x4.60-5 Front 11x7.10-5 Rear | Gas & Oil | IAME KA100 w/ Factory Airbox Exhaust: As Supplied by Manufacturer ROK 100 VLR Factory Spec | Carburetor: "IAME" Tillotson HW-33A |
| T.A.G. | 15 + | WKA | MG SM or SM2 (Yellow) 10x4.50-5 Front 11x7.10-5Rear | Gas & Oil | Engine & Weights Per WKA (see below) | WKA Tech Rules |
| Rotax DD2 | 15 + | 385 | MG SM or SM2 (Yellow) 10x4.50-5 Front 11x7.10-5Rear | Gas & Oil | Max Challenge Rules | Max Challenge Rules |
| Stock Honda Shifter | 15 + | 400 | MG SM or SM2 (Yellow) 10x4.50-5 Front 11x7.10-5Rear | Gas & Oil | WKA | |

TAG Weights:

BM Jaguar - 350# Cheetah SQ124 - 350# Comer K365 - 380# Easykart -
350#

| | | | |
|--------------------------|----------------------|--------------------|--------------|
| Motor Seven 365# 380# | Parilla Leopard 365# | Rotax FR125 365# | Sonik TX125 |
| Sonik VX125 365# 350# | Vortex Rok 350# | Vortex Rok TT 380# | PRD fireball |
| Parilla X30 370# | | | |

Footnotes:

1: Kid Karts:

- Max Throttle opening .310 inches
- **LO206** Gear Ratio 17/57 and #35 chain
- **Comer** Gear Ratio 10/89

2: Briggs World Formula:

- Engines must be factory stock and sealed by Faster Motors
- Pipes & Mufflers: Factory pipe and unmodified 5447S-K-8 Silencer or RLV: 5506, EXF5507, or EXF5511
- See Faster Motors Tech Rules for further specifications

3: Spec Fuel for all Briggs 206 Classes:

- BP Regular 87 gasoline from R-Store BP Station. 1232 Co Rd O Plymouth, WI 53073
OR
- BP Regular 87 gasoline from Marshalls One Stop 510 E Rhine St Elkhart Lake, WI 53020

- Test range will be plus or minus 10 on the Digitron fuel meter to tech sample

4: Kid Kart, Cadet, and Sportsman classes:

- You may only compete in one aged class of: Kid Kart, Briggs Cadet, or Briggs Sportsman.
- Cadet Champion must move out of class.
- Briggs Sportsman may race in Yamaha Sportsman and vice versa.

5: YAMAHA Heavy

- 554.7 SR-Y PIPE
 - o Pipe to be run as supplied with no modifications. Must be run with unaltered RLV9110 header and 1.75" straight steel connector tube max.
- 1.780" – 9.5" minimum length from piston to end of connector tube.