

## 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 HZ or HZI (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 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 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 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 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 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.

<b>Briggs 206 Masters</b>	35+	390	MG 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
<b>4 Cycle Classes</b> <i>*Weeknight series only</i>	<b>Age</b>	<b>Weight</b>	<b>Tire</b>	<b>Fuel</b>	<b>Engine</b>	<b>Restrictions</b>
<b>Briggs World Formula</b>	15 +	370	MG HZ or HZI (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
<b>2 Cycle Classes</b> <i>*Weekend series</i>	<b>Age</b>	<b>Weight</b>	<b>Tire</b>	<b>Fuel</b>	<b>Engine</b>	<b>Restrictions</b>
<b>Micro Swift</b>	7 - 10	225	MG HZ or HZI (Red) 10 x 4.60 - 5 Front and Rear	Gas & Oil	IAME Swift 60cc with factory 16mm header, factory airbox	Tillotson HW-31A Carburetor
<b>Mini Swift</b>	7 - 12	245	MG HZ or HZI (Red) 10 x 4.60 - 5 Front and Rear	Gas & Oil	IAME Swift 60cc, factory airbox	Tillotson HW-31A Carburetor
<b>Yamaha Heavy</b>	15 +	360	MG HZ or HZI (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

<b>2 Cycle Classes</b> <i>*Weekend series</i>	<b>Age</b>	<b>Weight</b>	<b>Tire</b>	<b>Fuel</b>	<b>Engine</b>	<b>Restrictions</b>
<b>TaG 100 Junior</b>	12 - 15	320	MG HZ or HZI (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
<b>TaG 100 Senior</b>	15 +	360	MG HZ or HZI (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
<b>T.A.G.</b>	15 +	WKA	MG FZ (Yellow) 10x4.50-5 Front 11x7.10-5Rear	Gas & Oil	Engine & Weights Per WKA (see below)	WKA Tech Rules
<b>Rotax DD2</b>	15 +	385	MG FZ (Yellow) 10x4.50-5 Front 11x7.10-5Rear	Gas & Oil	Max Challenge Rules	Max Challenge Rules
<b>Stock Honda Shifter</b>	15 +	400	MG FZ (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.