



2017 Class Structure (rev.4/25/2017)

Race Officials follow the 2017 WKA Technical Rule book except where noted.

Spec Fuel: See individual class listings for specified fuel. Mixing of fuel brands or types is ILLEGAL and will result in a DQ.

**Legal 87 octane pump gas can be purchased at this local station only:
Arco (AM/PM Market)**

10062 Cherry Ave, (on the corner of Cherry Avenue and Valley Blvd)

It is advised to purchase pump fuel the day of the race. A test sample will be taken that day and used by Post Tech for comparison.

Spec Oil: Motul Kart Grand Prix 2T for all two-stroke classes. Rotax engines may use XPS oil.

TAG Mini

- **Competition age:** 8 through 12 years old
- **Weight:** 242 lbs. minimum kart and driver combined
- **Tires:**
 - MG HZ “Red” tire 4.60/10.0-5 front and rear
 - Evinco “H” Blue tire 4.60/10.0-5 front and rear
- **Wheels:** No width restrictions
- **Engine:**
 - IAME Mini Swift 60cc
 - Vortex Mini Rok 60cc
- **Rear Width:** Maximum 50”
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list)
- **Tech specs:** Mini Swift see addendum on Tri-C Karters website. Mini Rok see WKA 2016 Tech Manual sec. 624.1-12.

TAG Junior

- **Competition age:** 12-15 years old
- **Weight:** 320 lbs minimum kart and driver combined
- **Tires:**
 - MG FZ “Yellow” 4.6/10.0-5 front, 7.10/11.0-5 Rear
 - Evinco “Red” 4.6/10.0-5 front, 7.10/11.0-5 Rear
 - Bridgestone YLM 4.5/10.0-5 front, 7.1/11.0-5 Rear
 - MaxOne Purple 4.60/10.0-5 front, 7.10/11.0-5 Rear
- **Engines:**
 - IAME X30 with 29mm factory header
 - IAME Leopard 08 & 09 with 25mm factory header
- **Maximum Rear Width:** 55-1/8”
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list)

Briggs LO-206 Junior:

- **Competition age:** 11-15 years old
- **Weight:** 310 lbs minimum kart and driver combined
- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 6.0/11.0-5 Rear
- **Engine:** Briggs & Stratton LO206
 - See Briggs & Stratton 2017 LO206 Regulations
 - Carburetor slide - Black (stock)
- **Maximum Rear Width:** 55-1/8”
- **Clutch:**
 - See Briggs & Stratton 2017 LO206 Regulations
- **Fuel:** pump gas only (see Spec fuel at beginning of list)
- **Tech specs:** B&S LO206 Regulations see addendum on Tri-C Karters website.

Briggs LO-206 Senior:

- **Competition age:** 15 years and older
- **Weight:** 365 lbs minimum kart and driver combined
- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 6.0/11.0-5 Rear
- **Engine:** Briggs & Stratton LO206

- See Briggs & Stratton 2017 LO206 Regulations
- **Maximum Rear Width:** 55-1/8”
- **Clutch:**
 - See Briggs & Stratton 2017 LO206 Regulations
- **Fuel:** pump gas only (see Spec fuel at beginning of list)
- **Tech specs:** B&S LO206 Regulations see addendum on Tri-C Karters website.

Briggs LO-206 Masters:

- **Competition age:** 30 years and older
- **Weight:** 365 lbs minimum kart and driver combined
- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 6.0/11.0-5 Rear
- **Engine:** Briggs & Stratton LO206
 - See Briggs & Stratton 2017 LO206 Regulations
- **Maximum Rear Width:** 55-1/8”
- **Clutch:**
 - See Briggs & Stratton 2017 LO206 Regulations
- **Fuel:** pump gas only (see Spec fuel at beginning of list)
- **Tech specs:** B&S LO206 Regulations see addendum on Tri-C Karters website.

VLR Spec-206 Senior:

- **Competition age:** 15 years and older
- **Chassis:** VLR Emerald (see addendum on Tri-C Karters website). **NO** other chassis allowed.
- **Weight:** 365 lbs minimum kart and driver combined
- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 6.0/11.0-5 Rear
- **Engine:** Briggs & Stratton LO206
 - See Briggs & Stratton 2017 LO206 Regulations
- **Maximum Rear Width:** 55-1/8”
- **Clutch:** Requirements are specific to this class only
 - Max Torque Box Stock clutch with 16t #35 drive gear
 - Hilliard Inferno Fire clutch with 16t #35 drive gear
- **Sprocket:** Spec sprocket gear will be posted Wednesday prior to all Tri-C races
- **Fuel:** pump gas only (see Spec fuel at beginning of list)
- **Tech specs:** B&S LO206 Regulations see addendum on Tri-C Karters website.

World Formula Jr:

- **Competition age:** 12-15 years old

- **Weight:** 325 lbs minimum kart and driver combined
- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 6.0/11.0-5 Rear
- **Engine:** World Formula
- **Maximum Rear Width:** 55-1/8”
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list)

World Formula Sr:

- **Competition age:** Attained age 15 and older
- **Weight:** 365 lbs minimum kart and driver combined
- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 6.0 /11.0-5 Rear
- **Engine:** World Formula
- **Maximum Rear Width:** 55-1/8”
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list)

100cc Sr.

- **Competition age:** 15 years and older
- **Weight:**
 - Yamaha KT-100 @ 340 lbs w/RLV 3 pipe.
 - Yamaha KT-100 @ 350 lbs w/Formula Y pipe.
 - KPV 2 pipe @ 360 lbs.
 - KPV 3 pipe @ 360 lbs.
 - KPV 4 pipe @ 390 lbs.
- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 7.1/11.0-5 rear
- **Engine:**
 - Yamaha KT-100 w/RLV 3 pipe or Formula Y pipe.
 - KPV-100 with 2 pipe*.
 - KPV-100 with 3 pipe*.
 - KPV-100 with 4 pipe*.
- **Pistons:** Yamaha KT-100 pistons are allowed in the KPV. Engine must meet WKA technical measurements for the KPV.
- **Carburetor:** Walbro WB-3A
- **Maximum Rear Width:** 55-1/8”
- **Clutch:**
 - Yamaha KT-100 wet or dry clutch. Direct drive is legal.
 - KPV-100: Spec IAME KPV clutch or Horstman EXPD clutch legal (previous I.KF. tech rules will apply to the Horstman clutch).
- ***Exhaust Pipe for KPV 2:**
 - “Horstman” HPV-2 pipe with removal end cap allowed. Flex length is 10” minimum, no maximum.

- “Horstsman” HPV-2 pipe with welded on end cap allowed. Flex length is 10” minimum, no maximum.
- “K-2” stamped pipe allowed. Flex length is 10” minimum, no maximum.
- ***Exhaust Pipe for KPV 3:**
 - “Horstsman” HPV-3 pipe with removal end cap allowed. Flex length is 12” - 12.5”
 - “Horstsman” HPV-3 pipe with welded on end cap allowed. Flex length is 11.875”-12.375”
 - R.L.V. 3 pipe allowed. Flex length is 9.375” - 9.875”
- **Exhaust Pipe for KPV 4:**
 - “Horstman” stamped HPV-4 pipe with flex length of 10”-10.5”
 - “H-4” stamped KPV-4 pipe with flex length of 9.875”- 10.375”
- **Exhaust Pipe for Yamaha:**
 - R.L.V. 3 pipe with flex length of 9.375” - 9.875”
 - Formula Y pipe with flex length of 12.25”-12.75”.
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list)

100cc Masters

- **Competition age:** 30 years old and up
- **Weight:**
 - Yamaha KT-100 @ 340 lbs w/RLV 3 pipe.
 - Yamaha KT-100 @ 350 lbs w/Formula Y pipe.
 - KPV 2 pipe @ 360 lbs.
 - KPV 3 pipe @ 360 lbs.
 - KPV 4 pipe @ 390 lbs.
- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 7.1/11.0-5 Rear
- **Engine:** See 100cc Sr. for engine and pipe combinations
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list)

100cc Sportsman

*The Sportsman class is for beginning and recreational racers. **This is a non-Championship class.** No points will be earned toward a season championship. Finishing trophies for 1st-3rd will be awarded at each club race.*

- **Competition age:** 12 years old and up
- **Weight:**
 - Yamaha KT-100 @ 340 lbs w/RLV 3 pipe.
 - Yamaha KT-100 @ 350 lbs w/Formula Y pipe.
 - KPV 2 pipe @ 360 lbs.
 - KPV 3 pipe @ 360 lbs.
 - KPV 4 pipe @ 390 lbs.

- **Tires:**
 - Bridgestone YLC 4.5/10.0-5 front, 7.1/11.0-5 Rear
- **Engine:** See 100cc Sr. for engine and pipe combinations
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list)

TAG Sr. :

- **Competition age:** 15 years and older
- **Tires:**
 - MG FZ “Yellow” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Evinco M “Red” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Bridgestone YLM 4.50/10.0-5 front, 7.10/11.0-5 Rear
 - MaxOne Purple 4.60/10.0-5 front, 7.10/11.0-5 Rear
- **Weight:**
 - **Rotax** **365 lbs.**
 - Engine must be sealed and have a matching passport and tech per current Rotax Max Challenge rules.
 - **lame Leopard 08 and MY09** **360 lbs.**
 - **lame X-30** **365 lbs.**
 - ONLY Tillottson HW-27A carb allowed
 - Carbon fiber reeds are NOT allowed. Stock reeds of a minimum thickness of .012” allowed.
 - **Vortex Rok TT** **375 lbs.**
 - **Motori Seven** **370 lbs.**
 - **PRD Fireball** **345 lbs.**
- **Maximum Rear Width:** 55 1/8”
- **Exhaust:** Header & silencer as supplied by the manufacturer for that specific engine.
- **Carburetor:** Stock carburetor as supplied by the manufacturer for that specific engine.
- **Radiator:** Aftermarket radiators allowed.
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list). Rotax engines can use VP MS93 with XPS oil.

TAG Masters:

- **Competition age:** 30 years & up
- **Tires:**
 - MG FZ “Yellow” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Evinco M “Red” 4.60/10.0-5 front, 7.10/11.0-5 Rear

- Bridgestone YLM 4.50/10.0-5 front, 7.10/11.0-5 Rear
- MaxOne Purple 4.60/10.0-5 front, 7.10/11.0-5 Rear
- **Weight:**
 - **Rotax** **395 lbs.**
 - Engine must be sealed and have a matching passport and tech per current RMax rules.
 - **lame Leopard 08 and MY09** **390 lbs.**
 - **lame X-30** **395 lbs.**
 - ONLY Tillottson HW-27A carb allowed
 - Carbon fiber reeds are NOT allowed. Stock reeds of a minimum thickness of .012" allowed.
 - **Vortex Rok TT** **405 lbs.**
 - **Motori Seven** **400 lbs.**
 - **PRD Fireball** **375 lbs.**
- **Maximum Rear Width: 55 1/8"**
- **Exhaust:** Header & silencer as supplied by the manufacturer for that specific engine.
- **Carburetor:** Stock carburetor as supplied by the manufacturer for that specific engine.
- **Radiator:** Aftermarket radiators allowed.
- **Fuel:** VP C12, VP MS98 or pump gas (see Spec fuel at beginning of list). Rotax engines can use VP MS93 with XPS oil.