



## 2018 Class Structure (rev.8/23/2018)

Race Officials follow the 2018 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

Fontana, CA 92335

(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 Micro (New for 2018)**

- Competition age: 7-10 years old
- Weight: 225 lbs.
- Tires:
  - Evinco "H" Blue tire 4.60/10.0-5 front and rear
  - Bridgestone Rok YLR 4.5/10.0-5 front and rear
- Wheels: No width restrictions
- Engine:
  - IAME Micro Swift 60cc restricted header as supplied by manufacturer
  - Vortex Micro Rok 60cc restricted header as supplied by manufacturer
- Fuel: VP C12 or pump gas (see Spec fuel at beginning of list)
- Tech specs: Micro Swift & Micro Rok see addendums on Tri-C Karters website.

## ***TaG Mini***

- **Competition age:** 8-12 years old
- **Weight:** 245 lbs.
- **Tires:**
  - Evinco “H” Blue tire 4.60/10.0-5 front and rear
  - Bridgestone Rok YLR 4.5/10.0-5 front and rear
- **Wheels:** No width restrictions
- **Engine:**
  - IAME Mini Swift 60cc
  - Vortex Mini Rok 60cc
- **Fuel:** VP C12 or pump gas (see Spec fuel at beginning of list)
- **Tech specs:** Mini Swift & Mini Rok see addendums on Tri-C Karters website.

## ***TaG Junior***

- **Competition age:** 12-16 years old
- **Weight:** 320 lbs.
- **Tires:**
  - Evinco “Red” 4.6/10.0-5 front, 7.10/11.0-5 Rear
  - Bridgestone Rok YLR 4.5/10.0-5 front, 7.1/11.0-5 Rear
- **Engines:**
  - Rok GP with Junior spec factory header
  - IAME X30 with 26mm factory header
  - IAME Leopard 08 & 09 with 25mm factory header
- **Fuel:** VP C12 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
  - Carburetor slide - Black (stock)
  - See Briggs & Stratton 2018 LO206 Regulations
- **Clutch:**
  - See Briggs & Stratton 2018 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
- **Weight:** 355 lbs.
- **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
- **Clutch:**
  - See Briggs & Stratton 2018 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:** 35+ years
- **Weight:** 370 lbs.
- **Tires:**
  - Bridgestone YLC 4.5/10.0-5 front, 6.0/11.0-5 Rear
- **Engine:** Briggs & Stratton LO206
  - See Briggs & Stratton 2018 LO206 Regulations
- **Clutch:**
  - See Briggs & Stratton 2018 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***

- **Competition age:** 15+ years
- **Chassis:** VLR Emerald (see addendum on Tri-C Karters website). **NO** other chassis allowed.
- **Weight:** 370 lbs.
- **Tires:**
  - Bridgestone YLC 4.5/10.0-5 front, 6.0/11.0-5 Rear
- **Engine:** Briggs & Stratton LO206
  - See Briggs & Stratton 2018 LO206 Regulations
- **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 Sr:**

- Competition age: 15+ years
- Weight: 365 lbs.
- Tires:
  - Bridgestone YLC 4.5/10.0-5 front, 6.0/11.0-5 Rear
- Engine: World Formula
- Fuel: VP C12, **VP MS93** or pump gas (see Spec fuel at beginning of list)

### **100cc TaG Jr. (new for 2018)**

- Competition age: 12-15 years old
- Weight: 320 lbs.
- Tires:
  - Bridgestone YLC 4.5/10.0-5 front, 7.1/11.0-5 rear
- Engine:
  - Vortex Rok 100cc with restricted header
  - lame KA100 with restricted header
- Fuel: VP C12 or pump gas (see Spec fuel at beginning of list)
- Tech specs:
  - Vortex Rok 100cc - TBA
  - lame KA100 - see addendum on Tri-C Karters website.

### **100cc TaG Sr. (new for 2018)**

- Competition age: 15+ years old
- Weight: 360 lbs.
- Tires:
  - Bridgestone YLC 4.5/10.0-5 front, 7.1/11.0-5 rear
- Engine:
  - Vortex Rok 100cc
  - lame KA100
- Fuel: VP C12 or pump gas (see Spec fuel at beginning of list)
- Tech specs:
  - Vortex Rok 100cc - TBA
  - lame KA100 - see addendum on Tri-C Karters website.

## 100cc TaG Masters (new for 2018)

- **Competition age:** 35+ years old
- **Weight:** 390 lbs. 380 lbs.
- **Tires:**
  - Bridgestone YLC 4.5/10.0-5 front, 7.1/11.0-5 rear
- **Engine:**
  - Vortex Rok 100cc
  - IAME KA100
- **Fuel:** VP C12 or pump gas (see Spec fuel at beginning of list)
- **Tech specs:**
  - Vortex Rok 100cc - TBA
  - IAME KA100 - see addendum on Tri-C Karters website.

## 100cc Sr.

- **Competition age:** 15+ years
- **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
- **Clutch:**
  - Yamaha KT-100 wet or dry clutch. Direct drive is legal.
  - KPV-100: Spec IAME KPV clutch or Horstman EXPD clutch legal (previous 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.
  - "Horstman" 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 or pump gas (see Spec fuel at beginning of list)

## **100cc Masters**

- **Competition age:** 30+ years
- **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 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 1<sup>st</sup>-3<sup>rd</sup> will be awarded at each club race.*

- **Competition age:** 15+ years
- **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 or pump gas (see Spec fuel at beginning of list)

### **Rok GP 125 Sr.(new for 2018)**

- **Competition age:** 15+ years
- **Weight:** 355 lbs.
- **Tires:**
  - Bridgestone Rok YLR 4.5/10.0-5 front, 7.1/11.0-5 rear
- **Engine:**
  - Vortex Rok GP 125cc
- **Fuel:**VP C12 or pump gas (see Spec fuel at beginning of list)
- **Tech specs:** TBA

### **Rok GP 125 Masters(new for 2018)**

- **Competition age:** 35+ years
- **Weight:** 390 lbs.
- **Tires:**
  - Bridgestone Rok YLR 4.5/10.0-5 front, 7.1/11.0-5 rear
- **Engine:**
  - Vortex Rok GP 125cc
- **Fuel:**VP C12 or pump gas (see Spec fuel at beginning of list)
- **Tech specs:** TBA

### **TaG Sr.**

- **Competition age:** 15+ years
- **Tires:**
  - 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
- **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 Tillotson 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.**
- **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 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
- **Tires:**
  - 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
- **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 Tillotson 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.**
- **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 or pump gas (see Spec fuel at beginning of list). Rotax engines can use VP MS93 with XPS oil.

## **Rok Shifter (New for 2018)**

- **Competition age:** 15+ years



- **Weight:** 395 lbs.
- **Tires:**
  - Bridgestone Rok YLR 4.50/10.0-5 front, 7.10/11.0-5 Rear
- **Fuel:** VP C12 or spec pump gas

## **Formula 125 Shifter (New for 2018)**

- **Competition age:** 15+ years
- **Tires:**
  - Evinco M “Red” 4.60/10.0-5 front, 7.10/11.0-5 Rear
- **Weight:**
  - Honda CR125 “Stock Moto” 395 lbs.
  - Modified or Moto engine other than “Stock” CR125 400 lbs.
  - ICC, Formula C, X-30 shifter engines 400 lbs.
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- **Fuel:** VP C12 or spec pump gas