

The SoCal CHILL CHALLENGE



2020 Class Structure (rev.12/3/2019)

Race Officials follow the 2019 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.

Tires: Only one brand of tire can be used during competition. Mixing of tire brands or compounds is prohibited.

Legal 87 octane pump gas can be purchased at this local station only:

**ARCO (AM/PM Market)
2985 Rubidoux Blvd.
Riverside, CA 92509
(60 Fwy @ Rubidoux Blvd. exit)**

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.

Kid Kart Honda

- **Competition age:** 5-7 years
- **Weight:** 160 lbs.
- **Tires:**
 - Evinco H "Blue" tire 4.60/10.0-5 front and rear
- **Wheels:** Overall width 130 -140mm
- **Tire:** Circumference: 32.250" to 33.250" and tire pressure not to exceed 20 PSI in post tech inspection

- **Engine:**
 - Honda GX50 16t front driver/ 89t rear sprocket
- **Fuel:** Pump gas only(see Spec fuel at beginning of list)
- **Tech specs:** Honda engine must have factory seals intact and runs per HPD rules.

Jr. 1 Comer

- **Competition age:** 7-11 years
- **Weight:** 225 lbs. minimum kart and driver combined
- **Tires:**
 - Evinco H “Blue” tire 4.60/10.0-5 front and rear
 - Hoosier R60A 4.50/10.0-5 front and rear
 - Bridgestone Rok YLR 4.50/10.0-5 front and rear
- **Engine:** Comer 80cc
- **Rear Width:** Maximum 50”
- **Fuel:** VP C12 or 91 pump gas (see Spec fuel at beginning of list)

TaG Micro

- **Competition age:** 7-10 years
- **Weight:** 225 lbs.
- **Tires:**
 - Evinco H “Blue” tire 4.60/10.0-5 front and rear
 - Hoosier R60A 4.50/10.0-5 front and rear
 - Bridgestone Rok YLR 4.50/10.0-5 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
- **Weight:** 245 lbs.
- **Tires:**
 - Evinco H “Blue” tire 4.60/10.0-5 front and rear
 - Hoosier R60A 4.50/10.0-5 front and rear

- Bridgestone Rok YLR 4.50/10.0-5 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.

Briggs LO-206 Jr.

- **Competition age:** 11-15 years
- **Weight:** 320 lbs
- **Tires:**
 - Hoosier R60A 4.50/10.0-5 front, 6.00/11.0-5 Rear
 - Bridgestone YLC 4.5/10.0-5 front, 6.00/11.0-5 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 Sportsman

- **Competition age:** 15+ years
- **Weight:** 360 lbs.
- **Tires:**
 - Hoosier R60A 4.50/10.0-5 front, 6.00/11.0-5 Rear
 - Bridgestone YLC 4.50/10.0-5 front, 6.00/11.0-5 Rear
- **Engine:** Briggs & Stratton LO206
 - See Briggs & Stratton 2019 LO206 Regulations
- **Clutch:**
 - See Briggs & Stratton 2019 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.

100cc TaG Jr.

- **Competition age:** 12-16 years
- **Weight:** 320 lbs.

- **Tires:**
 - Evinco H “Blue” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Hoosier R60A 4.50/10.0-5 front, 7.10/11.0-5 Rear
 - Bridgestone YLC 4.50/10.0-5 front, 7.1/11.0-5 rear
 - Bridgestone Rok YLR 4.50/10.0-5 front, 7.1/11.0-5 rear
- **Engine:**
 - lame KA100 with 22mm factory header
- **Fuel:** VP C12 or pump gas (see Spec fuel at beginning of list)
- **Tech specs:**
 - Vortex Rok VLR 100cc
 - lame KA100 - see addendum on Tri-C Karters website.

100cc TaG Sr.

- **Competition age:** 15+ years
- **Weight:** 360 lbs.
- **Tires:**
 - Evinco H “Blue” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Hoosier R60A 4.50/10.0-5 front, 7.10/11.0-5 Rear
 - Bridgestone YLC 4.50/10.0-5 front, 7.1/11.0-5 rear
 - Bridgestone Rok YLR 4.50/10.0-5 front, 7.1/11.0-5 rear
- **Engine:**
 - Vortex Rok VLR 100cc
 - lame KA100
- **Fuel:** VP C12 or pump gas (see Spec fuel at beginning of list)
- **Tech specs:**
 - Vortex Rok VLR 100cc
 - lame KA100 - see addendum on Tri-C Karters website.

100cc TaG Master

- **Competition age:** 30+ years
- **Weight:** 380 lbs.
- **Tires:**
 - Evinco H “Blue” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Hoosier R60A 4.50/10.0-5 front, 7.10/11.0-5 Rear
 - Bridgestone YLC 4.50/10.0-5 front, 7.1/11.0-5 rear
 - Bridgestone Rok YLR 4.50/10.0-5 front, 7.1/11.0-5 rear
- **Engine:**
 - Vortex Rok VLR 100cc
 - lame KA100

- **Fuel:** VP C12 or pump gas (see Spec fuel at beginning of list)
- **Tech specs:**
 - Vortex Rok VLR 100cc
 - IAME KA100 - see addendum on Tri-C Karters website.

KPV 100

- **Competition age:** 15+ years
- **Weight:**
 - KPV 2 pipe @ 360 lbs.
 - KPV 3 pipe @ 360 lbs.
 - KPV 4 pipe @ 390 lbs.
- **Tires:**
 - Evinco H “Blue” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Hoosier R60A 4.50/10.0-5 front, 7.10/11.0-5 Rear
 - Bridgestone YLC 4.50/10.0-5 front, 7.1/11.0-5 rear
 - Bridgestone Rok YLR 4.50/10.0-5 front, 7.1/11.0-5 rear
- **Engine:**
 - 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:**
 - 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 12” - 12.5”
 - “Horstman” HPV-2 pipe with welded on end cap allowed. Flex length is 11.875”-12.375”
 - “K-2” stamped pipe allowed. Flex length is 11.875”-12.375”
- ***Exhaust Pipe for KPV 3:**
 - “Horstman” HPV-3 pipe with removal end cap allowed. Flex length is 12” - 12.5”
 - “Horstman” 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”
- **Fuel:** VP C12 or pump gas (see Spec fuel at beginning of list)

TaG 125 Jr.

- **Competition age:** 12-16 years
- **Weight:** 320 lbs.
- **Tires:**
 - Evinco H “Blue” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Hoosier R60A 4.50/10.0-5 front, 7.10/11.0-5 Rear
 - Bridgestone Rok YLR 4.50/10.0-5 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)

TaG 125 Sr.

- **Competition age:** 15+ years
- **Tires:**
 - Evinco M “Red” 4.60/10.0-5 front, 7.10/11.0-5 Rear
 - Hoosier R55 4.50/10.0-5 front, 7.10/11.0-5 Rear
 - Bridgestone Rok YLR 4.50/10.0-5 front, 7.10/11.0-5 Rear
- **Weight:**
 - **Vortex Rok GP** **400 lbs.**
 - **IAME X-30** **380 lbs.**
 - ONLY Tillotson HW-27A carb allowed
 - Carbon fiber reeds are NOT allowed. Stock reeds of a minimum thickness of .012” allowed.
 - **IAME Leopard 08 and MY09** **375 lbs.**
 - **Rotax** **380 lbs.**
 - Engine must be sealed and have a matching passport and tech per current Rotax Max Challenge rules.
 - **PRD Fireball** **360 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.