

The SoCal CHILL CHALLENGE



2022 Class Structure (rev.11/10/2021)

Race Officials follow the 2021 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)
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(2 stroke engines only): Motul Kart Grand Prix 2T with a mix ratio of 16:1 (8 ounces per gallon of fuel)

Kid Kart Honda

- **Competition age:** 5-7 years (driver must have attained the age of 5 before competing)
- **Weight:** 160 lbs.
- **Tires:**
 - Hoosier R60B 4.50/10.0-5 front and rear
- **Wheels:** Overall width 130 -140mm
- **Tire:** Circumference: 32.00" to 32.50" (exception to HPD rules) and tire pressure not to exceed 20 PSI in post tech inspection
- **Engine:**
 - Honda GX50 16t front driver/ 89t rear sprocket

- Carb jet 52 or 55 allowed (exception to HPD rules)
- Clutch: Maximum stall speed 3100 RPM (exception to HPD rules)
- 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 except where noted.

TaG Micro

- Competition age: 7-10 years
- Weight: 225 lbs.
- Tires:
 - Hoosier R60B 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 MS98L
- Tech specs: Micro Swift & Micro Rok see addendums on Tri-C Karters website.

TaG Mini

- Competition age: 8-12 years
- Weight: 245 lbs.
- Tires:
 - Hoosier R60B 4.50/10.0-5 front and rear
- Wheels: No width restrictions
- Engine:
 - IAME Mini Swift 60cc
 - Vortex Mini Rok 60cc
- Fuel: VP MS98L
- Tech specs: Mini Swift & Mini Rok see addendums on Tri-C Karters website.

100cc TaG Jr.

- Competition age: 12-16 years
- Weight: 320 lbs.
- Tires:
 - Hoosier R60B 4.50/10.0-5 front, 7.10/11.0-5 Rear
- Engine:
 - IAME KA100 with 22mm IAME factory header (part #IAH-02011)
- Fuel: VP MS98L
- Tech specs:
 - IAME KA100 - see addendum on Tri-C Karters website.

100cc TaG Sr.

- **Competition age:** 15+ years
- **Weight:** 360 lbs.
- **Tires:**
 - Hoosier R60B 4.50/10.0-5 front, 7.10/11.0-5 Rear
- **Engine:**
 - Vortex Rok VLR 100cc
 - Iame KA100
- **Fuel:** VP MS98L
- **Tech specs:**
 - Vortex Rok VLR 100cc
 - Iame KA100 - see addendum on Tri-C Karters website.

100cc TaG Master

- **Competition age:** 30+ years
- **Weight:** 380 lbs.
- **Tires:**
 - Hoosier R60B 4.50/10.0-5 front, 7.10/11.0-5 Rear
- **Engine:**
 - Vortex Rok VLR 100cc
 - Iame KA100
- **Fuel:** VP MS98L **Tech specs:**

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:**
 - Hoosier R60B 4.50/10.0-5 front, 7.10/11.0-5 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:**
 - “Horstsman” HPV-2 pipe with removal end cap allowed. Flex length is 12” - 12.5”
 - “Horstsman” 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:**
 - “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”
- **Fuel: VP MS98L**