

# 2022 O2s Championship Supplemental Technical Regulations



*Presented by*



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The Open 2-Stroke Championship was created in 2016 to bring back 2-Stroke racing! The first year was a huge success, and growth has continued with it now being the largest group of Shifters in the Northwest.

With a focus on making the fast 2-stroke classes affordable and inclusive of all types of engines (and our rules & format now being copied by several other organizations), we are providing a place to race competitively with older “obsolete” engines, or the latest engines.

Professionally run with and in support of our local tracks. We welcome all levels of Karters from the weekend warrior simply looking to hangout with his friends and have a great time, to the semi-pro Karter looking for competition and track time to prepare for big events such as the SKUSA SuperNats or ROK Cup USA.

For questions, contact Randy Word by phone at 503-757-1776, or email randy (@wordracing.com). We also have a new email address of info (@o2schampionship.com)

The 2022 series is presented by WORD Racing (wordracing.com) and they are providing the funding for the medals, podium hats, website, banners, and much more (including many hours of organizing and planning). Please visit their website and support them. They carry Tony Kart, OTK, Italkart, Arai, Alpinestars, Pyrotect, Zamp, Vortex, IAME, Tillett, Ribtect, RLV, MyChron, and many other products.

## RULES AND REGULATIONS

1. For general rules please refer to the OSKCS rule book at portlandkarting.com. General rules include code of conduct, registration, pit passes, required safety equipment, technical compliance, and race day procedures. O2s participants agree to abide by these rules of conduct and safety. *A special note of thanks to the PKA board and PARC for allowing us to operate under their umbrella of logistics and organization.*
2. O2s Membership is not required for 2022. The annual cost is an **optional** donation of \$35. OSKCS will now waive their membership requirement for O2s racers if they are a member of a participating Gold Cup track or club (otherwise expect to pay extra). Please note, they do charge an additional \$10 to entry fee for non-PKA members to cover insurance. PARC, on the other hand, will require membership, but it's only \$15 per year. *Regardless of your license or membership, we reserve the right to pull or black-flag any racers that are a danger to other participants.*
3. Safety is your responsibility. Please pay special attention to the OSKCS rules regarding safety equipment and pre-tech inspections. These are the minimum allowed standards. Motorsports are inherently dangerous, and we (that includes any promoters, volunteers, sponsors, or affiliates) will not be responsible for your safety. We are also not responsible for track or facility conditions. Any concerns about the facility should be brought up with the facility owner(s).
4. Additional safety rules specific to the O2s Championship –
  - a. A no “ducking” rule will be enforced. Helmet shield must show above steering wheel at all times i.e. eyes on the road.
  - b. No pushing or bumping of another kart, to gain a position. Please keep the racing clean & fun

## CLASS STRUCTURE

1. **Kid Kart** Comer C-50/51 or Honda GXH-50 (May be no points at Mac track and O2s Championship points at PARC only due to insurance restrictions). **Ages 5-8**
2. **TaG Cadet** – Micro/Mini (separated or combined depending on number of participants). **Ages 7-10 Micro, and 9-13 Mini.**
  - a. IAME Parilla Micro/Mini Swift - SKUSA rules\*
  - b. Rotax – Rotax Micro/Mini Max rules\*
  - c. X125T – 17/19mm (Jr 1/Jr2) intake & 22mm exhaust restrictor
  - d. ROK, and other engines, other than Swift and Rotax, must follow IKF or ROK Cup USA rules (2-strokes only) R
3. **TaG Junior.** **Ages 12-15**
  - a. X30 w/ exhaust manifold per SKUSA rules\*
  - b. Rotax Jr. – Rotax Jr. Max rules\*
  - c. X125 Jr (30mm) – Region 6 IKF rules
  - d. ROK (28mm), KT100, PRD, and others – ROK Cup USA & IKF rules
4. **TaG Senior.** **Ages 15+ (14 allowed with race director's discretion/approval)**
  - a. X30 – SKUSA rules\*
  - b. Rotax – Rotax Sr. Max rules\*
  - c. X125 – Region 6 IKF rules
  - d. ROK, KT100, PRD, and others – ROK Cup USA & IKF rules
5. **TaG Masters.** **30+**
  - a. X30 – SKUSA rules\*
  - b. Rotax – Rotax Master rules\*
  - c. X125 – Region 6 IKF rules
  - d. ROK, KT100, PRD, and others – ROK Cup USA & IKF rules
6. **O2s 100 Junior.** **Ages 12-15**
  - a. ROK VLR with Jr. Exhaust – ROK Cup USA rules
  - b. IAME KA100 with Jr. Exhaust – SKUSA rules
7. **O2s 100 Senior/Masters.** **Ages 15+/30+**
  - a. ROK VLR – ROK Cup USA rules
  - b. IAME KA100 – SKUSA rules + 10 lbs
  - c. Italian Motors X100AC – OSKCS rules
  - d. KT100S – OSKCS rules
8. **Shifter Stock (light/heavy).** **Ages 15+ (14 allowed with race director's discretion/approval)**
  - a. Stock Honda – 2019 SKUSA rules, but with open reeds and pipe\*
  - b. ROK Shifter – ROK Cup USA rules
9. **Shifter Open (heavy).** **Ages 25+ (15-24 allowed with race director's discretion/approval)**
  - a. Modified Honda – 2019 SKUSA rules with some mods allowed\*
  - b. KZ/ICC – IKF rules – Must match homologation rules for engine\*

\*An exception to SKUSA, IKF, ROK & Rotax Max rules is tire choice. We have a semi-open tire rule. See details on page 4. We also reserve the right to adjust weights as necessary. **Engines must conform to the homologation of that particular engine.** KZ Shifter carb size is limited to 30mm. No modified KZ engines (other than the "standard" factory preparation in accordance to the homologation of that engine).

## **BoP WEIGHTS**

O2s Championship decal required - visible on kart (preferably on front fairing). For some classes we may also provide a small sticker for class weight. Kid Kart is 160

### **TaG CADET (Jr. 1)**

Micro Swift or Micro ROK – 225

Micro Rotax – 235

### **TaG CADET (Jr. 2)**

Mini Swift or Mini ROK – 245

Mini Rotax – 265/290

### **TaG JUNIOR (Jr. 3)**

X30 Jr (SKUSA spec), or Leopard Jr (30mm) – 320

X125T Jr (30mm), or Rotax Jr – 320

ROK Jr (30mm) – 330

### **TaG SENIOR**

X30, X125T, or Rotax – 365

Leopard – 355

ROK GP – 375

### **TaG MASTERS**

X30, X125T, or Rotax – 395

Leopard – 385

ROK GP, or Dragon – 405

### **O2s 100 JUNIOR**

ROK VLR (27mm) – 310

IAME KA100 (22mm) – 300

X100AC Jr (22mm) – 310

KT100S (4 hole can) – 300

### **O2s 100 SENIOR**

ROK VLR – 350

IAME KA100 – 360

X100AC Jr – 360

KT100S (Open pipe & deck height) - 340

### **O2s 100 MASTERS**

ROK VLR – 370

IAME KA100 – 380

X100AC Jr – 380

KT100S (Open pipe & deck height) - 370

### **SHIFTER STOCK LIGHT (Honda/ROK)**

Stock Moto Honda '99 & '01 – 385 (*open reeds & pipe rule\**)

Stock SGM L198 – 385

Stock ROK – 395

Stock SGM SL204 – 395

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## **SHIFTER STOCK HEAVY (Honda/ROK)**

Stock Moto Honda '99 & '01 – 405 (*open reeds & pipe rule\**)

Stock SGM L198 – 405

Stock ROK – 415

Stock SGM SL204 – 415

## **SHIFTER OPEN (KZ)**

Rotax DD2 – 405

SGM GA207 – 415

KZ/ICC, Modified Honda – 425

*\*\* We reserve the right to adjust weights. The goal is to allow all types of engines to compete, so racers can race whatever they have. **Engines must conform to the homologated specifications for that particular engine.** KZ Shifters are limited to a 30mm carb size. No modified KZ engines (other than the "standard" factory preparation in accordance to the homologation of that engine).*

## **TIRES**

**TaG** (Cadet) – Evinco Blue, or LeCont Red (only LeCont at Mac track).

**TaG** (Junior) – Evinco Blue, or LeCont Red (only LeCont at Mac track).

**O2s 100** (Jr/Sr/Mstrs) – Evinco Blue, or LeCont Red (only LeCont at Mac track).

**TaG** (Sr/Mstrs) – Evinco Red, or LeCont White (only LeCont at Mac track).

**Shifter** (all classes) – MG Yellow, Evinco Red, LeCont White, or LeVanto.

Whatever tires you qualify on, must be used for all the heats and the main.

Exception for switching from dry to rain tires for rain declared events.

Rain declared races will allow MG, Evinco, or LeCont wets.

## **FUEL**

**All Classes\*** – VP MS 98L, VP C12, K&S 110, or K&S 120

\*Kid Kart and Rotax may use above fuels, or 92/93 Octane non-oxygenated Unleaded

\*\*Oil is open to any name brand Castor or Synthetic (non oxygenated), but fuel additives are strictly forbidden. WORD Racing will supply VP, and K&S fuel at track.

**Rules are subject to change. Be sure to attend driver's meetings on race mornings.**

## **DISCLAIMER**

**WARNING** MOTORSPORTS ARE DANGEROUS. EVEN WITH THE LATEST IN SAFETY PRECAUTIONS THERE IS AN INHERENT DANGER AND SIGNIFICANT RISK OF PERSONAL INJURY OR DEATH INVOLVED WITH MOTORSPORTS. ANYONE PARTICIPATING IN MOTORSPORTS ASSUMES THIS RISK. O2S CHAMPIONSHIP AND THEIR AFFILIATES WILL NOT BE RESPONSIBLE FOR ANY INJURIES OR DAMAGES INCURRED FROM RACING ACTIVITIES.

THE "PIT AREA" AND PADDOCK AREA AT RACE EVENTS ARE POTENTIALLY HAZARDOUS. PROPER CREDENTIALS AND SIGNED WAIVERS ARE REQUIRED

FOR ANYONE ENTERING THE PIT OR PADDOCK AREA. O2S CHAMPIONSHIP AND THEIR AFFILIATES WILL NOT BE RESPONSIBLE FOR ANY INJURIES INCURRED. PLEASE BE ALERT TO YOUR SURROUNDINGS – TRUCKS/TRAILERS BACKING UP, MOVING LIFTS, AND HIGH-POWERED TOOLS ARE JUST A FEW OF THINGS TO BE AWARE OF. NO SMOKING OR OPEN FLAMES ALLOWED NEAR ANY FUEL SOURCES.

### **O2s Championship Points Structure**

*Points will be awarded to the top 24 drivers in the Main.*

*25th and above will receive 1 point for participation*

1st	100
2nd	90
3rd	82
4th	76
5th	70
6th	65
7th	60
8th	55
9th	50
10th	45
11th	41
12th	37
13th	33
14th	29
15th	25
16th	22
17th	19
18th	16
19th	13
20th	10
21st	8
22nd	6
23rd	4
24th	2
25th +	1

Qualifying in Pole Position nets 10 bonus points

No drops - every race counts!

In the case of a tie for season ending points, the tie-breaker will be the driver with the most 1st place finishes.

*Supplement last updated 2 September 2022*