

## 2024 SIRA Karting Supplemental Rules

### Version 1 – 4/8/2024

All competition held by SIRA Karting will follow the 2024 NKA Sporting Regulations. A free copy of the 2024 NKA Sporting Regulations can be found [HERE](#).

This supplement is provided to outline areas of importance, or to revise sections of the NKA Sporting Regulations to better serve the unique needs of our competitors and attendees.

SIRA Karting reserves the right to revise, modify, or eliminate any regulation at any time.

#### Notable changes to SIRA competition:

1. **SIRA will use points for the 'Heat' and 'Final'.**
2. **The Start Zone, and its associated procedures, will be used for all starts. All SIRA events will utilize rolling starts unless otherwise specified for all classes except Kid Karts and Shifters.**
3. **Infractions (aka Penalties) will be per the NKA Sporting Regulations.**
4. **Competition Age is set as the competitors age on December 31, and 'Attained Age' applies to Kid Kart, Micro, and Cadet drivers.**
5. **All event results are offered via the Alpha Race Hub app, free to use on both Google and Apple platforms.**

## SECTION 1 | CODE OF CONDUCT

The SIRA Code of Conduct is established to ensure fair competition, safety, and respectful conduct among participants, officials, and spectators involved in SIRA events. By adhering to this Code of Conduct, all individuals associated with SIRA contribute to maintaining the integrity and spirit of our sport.

#### General Conduct

- **Respect:** Treat all participants, officials, volunteers, and spectators with respect, regardless of differences in opinion, background, or skill level.
- **Fair Play:** Compete in a fair and sportsmanlike manner, adhering to the rules and regulations of SIRA.
- **Safety:** Prioritize safety at all times, both on and off the track, following the guidelines outlined by the SIRA and the NKA.
- **Responsibility:** Take responsibility for one's actions and decisions, understanding the potential consequences they may have on oneself and others.

#### On-Track Conduct

- **Clean Racing:** Engage in clean and competitive racing, avoiding deliberate contact or actions that endanger other competitors.
- **Sportsmanship:** Display good sportsmanship, acknowledging the skill and efforts of fellow competitors, regardless of the outcome of the race.
- **Compliance:** Adhere to the rules and regulations of SIRA regarding vehicle specifications, track boundaries, flags, and overtaking maneuvers.

#### Off-Track Conduct

- **Professionalism:** Conduct oneself in a professional manner, both within the racing environment and in public interactions related to SIRA.
- **Representing the Series:** Recognize that actions and statements made outside of racing events can reflect upon the reputation of SIRA, and conduct oneself accordingly.
- **Conflict Resolution:** Resolve conflicts and disputes in a constructive and respectful manner, seeking mediation from series officials when necessary.

### Attendee Conduct

- Respectful Behavior: Attendees are expected to conduct themselves in a respectful manner towards participants, officials, and other spectators.
- Safety: Follow all safety guidelines and instructions provided by event organizers, ensuring personal safety and the safety of others.
- Non-Interference: Avoid actions that may interfere with the conduct of the race or compromise the safety of participants. Enforcement
- Violations of the Code of Conduct, deemed solely by SIRA staff, may result in penalties, including but not limited to warnings, fines, disqualification, suspension, or expulsion from SIRA.
- The decision and enforcement of a suspension by SIRA staff is final and is not eligible for appeal.
- By participating in SIRA events, all individuals agree to abide by this Code of Conduct and uphold the values of fairness, safety, and respect.

## SECTION 2 | NKA SPORTING REGULATIONS

### 2024 NKA SPORTING REGULATIONS | CRITICAL SECTIONS

Please make sure to review the critical sections listed below to become familiar with the Sporting Regulations. These sections, unless noted otherwise in this document, are applicable to all SIRA events.

10.1 | GENERAL

10.3 | ENTRANT

10.4 | SAFETY

10.5 | EVENT

10.6 | COMPETITION

10.7 | OFFICIALS

10.8 | FLAGS

10.9 | RACE PROCEDURES (SPECIAL ATTENTION TO 10.9.3 RACE START AND START ZONE)

10.10 | PROTESTS, APPEALS, AND INFRACTIONS VERSION 1

20.1 | GENERAL VEHICLE

20.2 | CHASSIS - SPRINT\* See 206 width variance below

IAME TECHNICAL SPECIFICATIONS PER IAME USA EAST | [IAME 2024 Rules](#)

LO206 TECHNICAL SPECIFICATIONS PER BRIGGS & STRATTON | [206 Rule Download](#)

\*206 WIDTH VARIANCE: There is no minimum width rule for 206, but the kart still must meet the NKA bodywork standards put forth in Section 20.2.11

## SECTION 3 | CLASS STRUCTURE

### 2024 SIRA CLASS STRUCTURE

Class	Age	Weight	Notes
Kid Kart	5-8*	See Below	See Below
206 Sportsman	8-12*	265	Green Slide
Micro	7-12*	225	Must Have 6 Entries
Mini	8-12	245	Must Have 6 Entries
206 Junior	12-15	320	Gold Slide
100cc Junior	12-15	320 KA / 330 VLR	
206 Light	15+	340	Must Have 6 Entries
206 Medium	15+	365	
206 Heavy	15+	390	
206 Masters	35+/30+ 200LB	390	Weight Exception at Series Discretion
206 Super Stock	15+	380	
206 Pro	15+	375	75% Payback, Must Enter Std Class
100cc Senior	15+	360 KA / 350 VLR	
Sportsman Shifter	15+	395	80/85cc Moto
Pro Shifter	15+	385 Honda/395 ROK/405 KZ	75% Payback

\* INDICATES MINIMUM AGE MUST BE ATTAINED AGE

## SECTION 4 | GENERAL SERIES

### COMPETITION AGE/ATTAINED AGE

**COMPETITION AGE:** A driver's competition age is determined by the age that they will be on December 31 of that year. For example; A driver is 9, but will turn 10 in November. As their age on December 31 will be 10, that driver is considered to be 10 for that year but can take advantage of the Option Year.

**\*ATTAINED AGE:** Kid Kart, Mini, and 206 Cadet all require that the driver have an 'attained age' that is equal to the minimum age of the referenced classes. For example, a driver wishing to compete in Kid Kart must have had their 5th birthday. Micro and 206 Cadet drivers must have had their 7th birthday.

### KID KART SPECIFICATIONS

Kid Kart is a Non-Points Participation Class

AGE: 5 - 8 Years Old

ENGINE: Comer C-50|C-51, Briggs LO206, Honda GHX50U

TIRES: Open Compound 4.60 x 5's Max Rear Tire Circumference = 33.25"

WEIGHT: Comer: 150lbs Honda: 150lbs LO206: 200lbs

NOTES:

- Comer C-50/51/52: Must be 50cc and ran with fixed jet carb size 54 to 58, gear ratio of 10/89 and #219 chain.
- Briggs 206 must run gear ratio of 17/57 and #35 chain
- Honda GHX50U must be run as supplied by HPD



### **SPEC FUEL/OIL**

2 Cycle – Non-Ethanol Racing Gas with Redline/Maxxis 927 Castor/Xeramic Castor Evolution 2T/Elf 909 Kart Racing Oil TO BE MIXED AT 6-8 OUNCES PER GALLON

4 Cycle (except Methanol Super Stock) – We will select a gas station near the event to be the spec source for fuel. The fuel will be 87 Octane from Pump 1. If Pump 1 is out of service, it will be Pump 2, then Pump 3, etc.

### **TIRES**

Kid Kart - OPEN TIRE COMPOUNDS (4.50/4.60-5, matching sets)

Cadet 206 - LeVanto 4T, MG SH/SH2, VEGA VAH, Hoosier R60B (4.50 or 4.60)

Junior/Senior 206 - LeVanto 4T, MG SH/SH2, VEGA VAH, Hoosier R60B (4.50 or 4.60/6.00 or 7.10)

206 Pro – Must run LeVanto 4T

Cadet 2 Cycle - LeVanto KRT, MG SH/SH2, MG SM/SM2, VEGA XH3, Hoosier R60A/R60B (4.50 or 4.60)

Senior 2 Cycle - LeVanto KRT, MG SH/SH2, MG SM/SM2, VEGA XH3, Hoosier R60A/R60B (4.50 or 4.60 /7.10)

### **EVENT COMMUNICATION**

All primary communication regarding SIRA events will be via the Discord app, now used by many tracks and series, as well as communication via Alpha. You can find the link to our Discord server on the SIRA website.

SIRA will not be providing printed materials at the facility. All schedules, rotations, etc. will be supplied via Discord.

### **LIVE TIMING**

Live timing for all SIRA events will be offered via the Alpha Race Hub app, found on Google and iPhone platforms for free.

### **RACE DROP**

SIRA allows for one race drop. A race drop applies for an entire event only. You cannot drop specific heat or final finishes. A technical or sportsmanship DQ cannot be dropped.

### **DRONES**

Drones are not allowed on the premises at any time.

### **PETS**

Pets are always welcome at the facility. Remember, they are your legal responsibility. To keep them, and others, safe they must always be on a leash.

## **SECTION 5 | EVENT EVENT FORMAT**

Unless otherwise noted, SIRA will run a two day format as follows:

Day 1: Practice, Practice, Qualifying, Heat Race, Heat Race

Day 2: Warm-Up, Pre-Final, Final

Points will be awarded for both the heat and the final. The event is progressive. Your qualifying will set the order for the first heat. Heat one finish order will set the grid for heat two. Heat two finish order will set the grid for the pre-final. The pre-final will set the grid for the final.

### **206 PRO FORMAT**

The 206 Pro class will run their entire program following the regular finals. This class will be a pill draw grid with a heat race and feature. The heat race results will set the feature grid. There will be a small break between the heat and feature with karts being “impounded” at the grid in a parc fermé style. No work will be allowed to be done to karts during this time without official approval and supervision.

## **RACE DIRECTOR/OFFICIAL INTERACTION**

The Race Director and officials have a significant number of duties that are part of the successful operation of an event. With this in mind the RD and Officials are not generally available for any significant discussion during an event that will take away from their duties of running an event. We expect that they are treated with respect, and that you accept their direction when given. Any type of verbal abuse towards the staff for any reason will result in disciplinary action that is appropriate for the situation.

## **TIMING PROCEDURES**

All event sessions will use time +2 laps.

Timing for warm-up and qualifying begins when the grid is released.

Timing for heat and finals begins at race start.

## **TECHNICAL COMPLIANCE**

For all SIRA events, you are required to be technically compliant with the specifications for that event for all sessions. This includes kart numbers, engine specifications, gearing (if specified), tires, fuel/oil, etc.

## **TRANSPONDERS**

To ensure that the scoring system is working properly, as well as your transponder, we require transponders to be active on the kart for all event sessions including warm-up. Transponders that have been rented will be available at registration at the times specified in the event information. Transponders must be mounted no closer than 9 inches back from the kingpin. Note that transponders may have an issue if mounted to or just above metal or lead.

## **START ZONE PROCEDURE**

10.9.3.1: Formation Cone: Once a class has left the grid, they can proceed at a reasonable speed until they reach the Formation Cone, typically half track distance. At the formation cone it is the responsibility of the pole sitter to bring the field to pace speed and allow the field to properly line up. Applies to standing and rolling starts.

10.9.3.2: Commitment Cone: Once the pole sitter reaches the commitment cone, the field is now set. Drivers late leaving the grid, who are attempting to regain their starting position, at this point must halt and line up where they are. Applies to standing and rolling starts.

10.9.3.3: Tram Lanes: At all starts (with the exception of a standing start), all drivers are to stay fully within their tram lanes. Once the green has been shown, racing has begun and drivers can then move out of the tram lanes. If Tram Lines do not exist, then each lane is expected to be formed directly behind the pole and off pole karts, who will place their karts at  $\frac{1}{4}$  distance from the inside or outside of the edge of the course.

10.9.3.4: Start Zone: The use of the Start Zone has shown significant ability to control the starts of an event, and has also shown to greatly eliminate the chance of significant accidents at the start. While it is not required, it is highly suggested that a NKA facility adopt this procedure.

Procedure: The pole sitter shall approach the start zone at a reasonable and maintained pace, roughly 20mph. The speed shall be constant until the pole sitter reaches the start zone which is defined by a set of cones spaced 40-60 feet apart. The pole sitter will start the race anywhere within this defined zone, and the starter will use a light or green flag to signify that the race has started once the leader has started the race. There is no waived start. If the leader goes before the first set it shall be considered a jump start and is subject to infraction. If the pole sitter has not accelerated when they have reached the last set of cones the starter shall start the race and begin. No driver may lead the pole sitter out of the start zone. If it is deemed a driver has led the pole sitter out of the start zone and the race has started it shall be considered a jump start and shall be subject to infraction.

10.9.3.5: Single File Restart The start zone is to be used as the standard for single file restarts with the field lined up in order, nose to tail. The lead kart will choose the inside or outside tram lane and will use the basic start zone procedure.

## TRACK MANAGEMENT & OFFICIATING

At all SIRA events, we take track management very seriously. The order of importance for our track staff is;

1. Their personal safety (they are the most exposed persons to danger at an event)
2. Your safety
3. The efficient management of the event

## PENALTIES AND PROTESTS

You can learn of all the applicable penalties in the NKA Sporting Regulations. If you feel that you received a penalty unjustly, your remedy is a protest. Protests only apply to the Finals.

The procedures for filing a protest are as follows;

- You must utilize the SIRA protest form available at the scales, with \$100 cash, to file the protest.
- You are entitled to one protest per event, which you retain if you win your protest.
- It is your responsibility to clearly state your position, and include any/all relevant evidence. The protest is reviewed on what you provide.
- You may use any live video footage. You must provide relevant clips yourself.
- You can use your GoPro video only in the following situations;
  - Your GoPro camera shows the correct time/date (verifies the correct session)
  - You were called for a jump start
  - You were called for a tram line violation
  - You were called for an avoidable contact on the kart in front of you
  - You were called for a blocking penalty