

2016



# 2016 Competition Rules

## Colorado Junior Karting Club

Local option rules for the IKF Region 4A Junior Karting Championship Series

**The rules set forth below will govern each competition in the Colorado Junior Karting Club (the “Club”) IKF Region 4A Junior Karting Championship Series (the Club Series).**

## **SPIRIT & INTENT**

The rules and guidelines in this amended rulebook are subject to the terms “Spirit and Intent”. The guidelines herein are not road maps of legal loopholes so that competitors may “cheat legally”. Any policy, rule or procedure that has been in use for 90-days by the club whether written or unwritten, will not be protestable or appealable based solely on semantics, and shall be interpreted based on the spirit and intent of said policy, rule or procedure. The club is not, and does not wish to become, an organization dealing with internal or external litigation and technicalities.

## **SPORTSMANSHIP**

The club competitors, crew and officials are the guests of host racing venues. As guests and professionals, we are expected to exhibit the highest level of sportsmanship. Karting is and will be a family sport; any actions by any competitor and/or crew member at any Club event or function that could have adverse effects on the insurance of the host facility, is detrimental to the Club or displays flagrant misconduct, will be subject to a review by the Race Director and at their discretion a penalty could be assessed, up to and including ejection from the event, disqualification of participant, future suspension of participant and/or crew member.

This also goes for all competitors and the required respect to all **race officials (Race Director, Grid Marshal, Head Flagger and Tech Director)** as guests and professionals that are attending the Colorado Karting Tour, we are expected to exhibit the highest level of sportsmanship. Karting is and will be a family sport; any actions by any competitor and/or crew member at any Club event or function that could have adverse effects on any **Race Day Officials** is detrimental to the Club. If competitor and/or crew member displays flagrant misconduct, will be subject to a review by the Race Director and at their discretion a penalty could be assessed, up to and including ejection from the event, disqualification of participant, future suspension of participant and/or crew member.

# **RULES**

The rules of the IKF as set forth in the IKF Competition Regulations and Technical Manual and as amended by the Club herein shall govern each competition of the Club series. In the event of a conflict between the IKF rules and the amendments of the Club, the Club amendments shall govern.

## **AMENDMENTS**

### **1. Regional Class Points and CJKC Divisions**

- 1.1. The Club Series is an eight race series with points awarded for each race counting towards the award of a series championship. The total points for seven races will be used to determine the series champion. The race with the lowest point total for the participant will be eliminated from their season points total (the "Drop") by the Club. A disqualification by a race official will result in an award for the participant of zero points for such race and the Club will not use that zero point award as the Drop.

### **2. Regional Classes and CJKC Divisions:**

- 2.1. The CJKC-IKF 4A Junior Karting Championship Series recognizes three (4) classes: Kid Kart, JR I Cadet, JR I & Jr-2. Each of these classes recognizes one (1) Regional IKF Class Champion.

### **3. Explanation of Novice Division:**

- 3.1. The restricted divisions are intended to allow beginning racers either new to the sport or class, to learn or continue learning the fundamentals of go-kart racing. Placement in the divisions is decided by the parent(s) with the input by the race director. Drivers can move up to the Regular Division at any point during the season, however, the drivers cannot return to the lower Division after participating in the Regular Division event.
- 3.2. Points are calculated based on the Class. For example, if there are 8 racers in the Kid Kart division and 10 racers in any Novice -KID KART division, the first place winner of the Kid Kart Novice division race will receive a first place trophy for the day AND 9<sup>th</sup> place points towards the Series Championship.

4.

## **2016 COLORADO KARTING TOUR**

### **4.1. Schedule**

<b>CKT</b>	<b>RUN YOUR RUST OFF</b>	<b>APRIL 10 IMI MOTORSPORTS</b>
<b>CKT #1</b>	<b>Action Karting</b>	<b>APRIL 24</b>
<b>CKT #2</b>	<b>SBR</b>	<b>MAY 22</b>
<b>CKT #3</b>	<b>IMI</b>	<b>JUNE 5</b>
<b>CKT #4</b>	<b>SBR</b>	<b>JUNE 19</b>
<b>CKT #5</b>	<b>IMI</b>	<b>JULY 3</b>
<b>CKT #6</b>	<b>PPIR</b>	<b>AUGUST 7</b>
<b>CKT #7</b>	<b>ACTION KARTING</b>	<b>AUGUST 20 NIGHT RACE</b>
<b>CKT #8</b>	<b>IMI</b>	<b>SEPTEMBER 11 LAST RACE</b>

### **5. Race Procedure for Classes and Divisions:**

- 5.1. For all classes and tracks for the 2016 season, there will be 8-15 lap timed qualifying laps, but the schedule can change see race day information
- 5.2. At the discretion of the Race Director and consistent with the local track policies, divisions within the same class may run together or separately.
- 5.3. When the divisions are run together, they will be lined up by time not divisions, qualifying order will always be determined by lap times from the practice session.

### **6. 2016 COLORADO KARTING TOUR KART IDENTIFICATION**

#### **6.1. THIS DECAL MUST BE ON THE FRONT OF YOUR KART**

<b>KID KART</b>	<b>ORANGE</b>
<b>JR I CADET</b>	<b>SILVER</b>
<b>JR I</b>	<b>RED</b>
<b>JR II</b>	<b>BLUE</b>
<b>MICRO-MAX</b>	<b>GREEN</b>
<b>MINI-MAX</b>	<b>BLUE</b>
<b>JUNIOR ROTAX</b>	<b>YELLOW</b>
<b>SENIORS ROTAX</b>	<b>GOLD</b>
<b>MASTERS ROTAX</b>	<b>PURPLE</b>
<b>OPEN TAG</b>	<b>BLACK</b>
<b>OPEN SHIFTER</b>	<b>WHITE</b>
<b>LO 206 325#</b>	<b>PINK</b>
<b>LO 206 385#</b>	<b>BROWN</b>

## **7. Rookie of the Year**

- 7.1. "Rookie of the Year" is not an IKF award but rather a CJKC award. The "Rookie of the Year" award is presented to the one driver in each class who, among all drivers is NEW to the class:
  - 7.1.1. And must be a Kid Kart, JR I Cadet, JR I and JR II divisions only
- 7.2. Receives the highest number of IKF Region 4A championship points for the season.
- 7.3. To clarify, drivers point totals must exclude the points from the mandatory "drop" race.

## **8. Equipment Inspection, Penalties and Disqualification**

- 8.1. Each participant agrees to submit his or her equipment for a technical inspection at any time and for any reason as determined by the Club. Such inspections shall be carried out by a person or party designated by the Club including but not limited to the Tech Director. In the event the club determines that a violation of the rules has occurred, one of or any combination of the baseline penalties outlined under IKF section 114 and/or the following action may be taken: Note: See also #8. Posting of Official and Unofficial Event Results
  - 8.1.1. The Race Director will assess a penalty during, following, or after the completion of an event.
  - 8.1.2. If the penalty applied is a full event disqualification (DQ), then the participant will receive zero (0) points for that event and will be ineligible to use that event as their "drop" race toward year-end IKF-4A/CJKC regional awards.
  - 8.1.3. The results and associated penalties shall be made available to Club members as deemed necessary by the Club.
- 8.2. Additionally, each participant agrees that the CJKC Technical Directors will have the right and authority to confiscate and/or exchange specific equipment at any time during the race event. In the event equipment is exchanged, suitable and valid replacement equipment will be supplied by the CJKC.

## 9. Competition Tires

9.1. Each participant shall be allowed to use the following number of tires for the season to be used during qualifying and each race session.

- 9.1.1. Kid Karts: 1 set (MG RED - 4.5 x 10 x 5)
- 9.1.2. Jr 1 : 4 sets (MG RED - 4.5 x 10 x 5)
- 9.1.3. Jr 2 : 4 sets (MG RED - 4.5 front & 6.0 x 11 x 5 rear)

9.2. Such tires are manufactured with barcodes that will be documented by race officials to ensure compliance with the rules above. It is the owner's responsibility to maintain the integrity of the barcode. The amount of tires used during a season for practice purposes is unlimited in all classes.

9.2.1. NOTE: these are the MG RED race tires, not the any other brand or color MG.

9.2.2. Tires will be documented prior to the qualifying heat. Drivers may use practice tires for the morning warm up if they choose, but whatever tires are used for qualifying must be ran for the entire race day.

9.3. When the Race Director Declares a Rain / Wet Race it becomes an option for the competitors to run rains or slicks. There is a 30 minute break from when the race gets declared wet until the next group goes out. There are no further time breaks in the day as they now have the option to run either tire at their discretion.

9.3.1. Rain tires will be any karting WET tires or legal rain tires at the same sizes as above. Jr1 and Jr2 race in the rain (as long as conditions permit – no lightning, large puddles, etc).

9.3.2. Kid Karts will only race in the rain at the race directors discretion

## 10. Fuel

10.1. All CJKC classes will use **VP Racing Fuel MS93**

10.1.1. Kid Kart, JR I Cadet, JR I, and JR II

## 11. Rookie Stripe

11.1. Any participant who has participated in less than 5 races shall be required to display a red diagonal stripe on the kart's rear number plate. This is to indicate to all other racers that they are approaching a new driver. The rookie stripe must be ran for the first 5 races regardless if the driver is in a restricted class or not.

## 12. Oil

12.1. Redline Racing 4-stroke 30W and Briggs 4T, 12 ounce minimum will be used for all classes, Honda engines to follow the same oil, and the amount per Honda

### 13. CJKC Class Specifications

- 13.1. Kid Karts: (the CJKC rules are 1<sup>st</sup> over the IKF rules second)
- 13.2. Spec Main Jet per Honda and IKF rules
- 13.3. Spec Gear is 15/89
- 13.4. Spec Weight is 150 lbs.
- 13.5. spec chain must be used – it is a 219
- 13.6. Honda Spec Clutch
- 13.7. Number plate will have a white background with black numbers
- 13.8. Maximum tire circumference 33 ¾", Maximum tire pressure not to exceed 20 psi hot.
- 13.9. Minimum rear width from outside to outside will not be less than 39" or greater than 42 inches
- 13.10. No Valve lapping by hand and the removal of carbon is allowed – machining any part of the head or cutting the valve and/or valve seat is not allowed.

### 14. JRI & JRI CADET

#### 14.1. Carburetor

##### 14.1.1. Jets

14.1.1.1. Spec Main Jet will be 93 (.0366 inches ) or 95,

14.1.1.2. Spec pilot jet 32

##### 14.1.2. SLIDE

14.1.2.1. Jr I = slide shall be the Briggs black slide, part #555590

14.1.2.2. JR I Cadet shall be the Briggs Green Slide, part # 555740

#### 14.2. GEARS

14.2.1. **NOTE: We are specifying the gears not the ratios**

14.2.2. **this is the same for JRI and JRI Cadet**

14.2.2.1. 22/66 = IMI

14.2.2.2. 22/69 = Action Karting, SBR & PPIR

14.2.2.3. if additional tracks are added, then gears will be announced

#### 14.3. CLUTCH

14.3.1. Competitors will have the option of using the belt drive system; the above gear gearing, as referenced in Section 14.2.2 shall apply.

##### 14.3.2. JRI CADET

14.3.2.1. Max Torque SS Clutch with 62 gram "wedge" shoes, any spring, GS-SS suggested. While on the ground, Kart must not move with driver in kart and foot off brake. Engine speed must be at or greater than 1800 rpm before kart starts moving on flat ground with no brake. Must pass these tests both cold and hot (before and after any session).

##### 14.3.3. JRI

14.3.3.1. Any clutch as specified in the IKF rules book for this class

#### 14.4. Spec Weight

14.4.1. 240 lbs.

- 14.5.     **Race Identification Number**
  - 14.5.1. will have a yellow background with black numbers
  - 14.5.2. contrasting colors in block number form
- 14.6.     **Maximum tire circumference 33 ¾"**
- 14.7.     Clarification of IKF rule: Valve lapping by hand and the removal of carbon is allowed – machining any part of the head or cutting the valve and/or valve seat is not allowed.
  
- 15.     **JR II:**
  - 15.1.     **Spec Weight**
    - 15.1.1.   300 lbs.
  - 15.2.     **Race Identification Number**
    - 15.2.1. Number plate will have either a white background with black numbers
  - 15.3.     **GEARS**
    - 15.3.1.   Gear is an open option – any gear combo can be run
    - 15.3.2.   Competitors will have the option of using the belt drive system.
  - 15.4.     All other engine rules are per the IKF & Briggs rules for World Formula
  
- 16.     **Posting of Official and Unofficial Event Results**
  - 16.1.     Results are generated by Timing & Scoring and given to Tech.
  - 16.2.     Following the Tech inspection, the results and any recommendations are given to the Race Director.
  - 16.3.     The Race Director, at their discretion, may conduct inquiries relative to any issues or concerns.
  - 16.4.     If any adjustments are to be made to the results from what would appear to have been the “known” results, the Race Director will collect and meet with those parties involved.
  - 16.5.     The Race Director will then publically post the Official or Unofficial race results noting on the results from the time of day they are posted.
  
- 17.     **Protests**
  - 17.1.     Participants will have up to 30 min. following the official/unofficial public posting of race results to submit a protest. Those wishing to present a protest should do so by contacting the Race Director and completing the required IKF Protest Forms.
    - 17.1.1.   **\$200** cash protest fee at time of submitting the protest, if you win you get your money back, if not money goes to the series.
  
- 18.     **Member Initiated Technical Challenge**
  - 18.1.     In the event that any member is dissatisfied with the standard technical inspection process, they may choose to initiate a Technical Challenge. The following outlines this process:



- 18.2. A challenge may be initiated by any member at and during any CJKC event and must be properly filed prior to the start of the main.
- 18.3. The member must properly file the challenge in person and directly with the Tech Director and will be kept in confidence.
- 18.4. The challenge form must be filed and accompanied by the challenge fee either in cash for the amount of **\$200**
- 18.4.1. the challenge initiates a full and complete technical inspection of the suspect's engine and related components regardless of their finishing position and the abbreviated technical inspection procedures being used for that event
- 18.4.2. The challenged engine will:
- 18.4.2.1. If the participant finishes the main within the group called to Tech, they will report to Tech and go through the normal process for that day.
- 18.4.2.2. If they pass, they will be awarded as normal, but the engine will be confiscated for further inspection (due to the challenge). The Club will have the following three days after the event to inspect the engine. The results will be posted as "Unofficial" until then.
- 18.4.2.3. If the subsequent inspection finds an infraction, the information will be given to the Race Director for a ruling and response with results being adjusted and made "Official". The "guilty" will now be required to pay the amount noted above. Upon the return of their unassembled engine which is not legal in its current state for future events.
- 18.4.2.4. If nothing of concern is found, the engine will be returned to the participant reassembled and the challenger will forfeit the challenge fee.
- 18.4.2.5. If nothing of concern is found, the engine will be returned to the participant reassembled and the challenger will forfeit the challenge fee.

## 19. **Engine claimer rule**

- 19.1. If a competitor would like to initiate the claimer rule from any other driver, first if must pass tech, then after the main event the motor can be purchased from the driver at the listed price below to include motor, clutch, exhaust, fuel tank (Honda only) as a complete working motor

19.1.1.1.	Kid Kart Honda	<b>\$1250.00</b>
19.1.1.2.	JR I & JRI Cadet	<b>\$1250.00</b>
19.1.1.3.	JRII	<b>\$1850.00</b>