

## AUSTRALIAN KART RACERS ALLIANCE SPORTING REGULATIONS

<b>Event</b>		<b>AKRA Round 1 Wollongong Kart Raceway Championships 2022</b>	
<b>DATE:</b>	<b>Saturday Mar 19th 2022</b>		
	The Meeting will be held under the Australian Kart Racers Alliance Rules and Addendums issued by the promoters – <b>Accepted Licenses: current AKRA 12 mth or Day License available for \$35</b>		
<b>STATUS:</b>	<b>Championship Round</b>		
<b>ORGANISER / PROMOTER:</b> Australian Kart Racers Alliance			
<b>Track:</b>	Wollongong Kart Raceway Kembla Grange	<b>Ph:</b> <b>Email:</b>	9138 7610 <a href="mailto:wollongongkarts@gmail.com">wollongongkarts@gmail.com</a>
<b>Direction Of Racing:</b>	<b>Clockwise</b>		
<b>Track Density:</b>	26		
<b>Rear Crash Bar</b>	Must be fitted. Can be a steel or plastic bumper.		
<b>Tyres</b>	All classes MAXXIS except OPEN Class - OPEN tyre		
<b>Classes</b>	**		
<b>Juniors</b>	Cadets - 7-12 yrs Junior National 12-16yrs <b>(single 4 stroke engines</b> only Torini, Briggs, Subaru,                      weights see below individual classes Yamaha 'J', MiniRok  Junior Performance - KA100 with restrictor, Yamaha Clubman 'S'		
<b>Seniors</b>	4SS National Light 4SS National Heavy <b>(single 4 stroke engines</b> only Torini, Briggs, Subaru, Yamaha 'J')  Clubman Light Clubman Heavy Clubman Super Heavy  TAG Restricted Over 40's TAG Restricted Light TAG Restricted Heavy  TAG Light TAG Heavy 2W Karts Open		
<b>Entry Fee</b>	<b>\$110</b>		

Self Scrutineering -

Make sure you print and complete and bring with you to track and hand in at Clubhouse Counter before you go onto track for practise.

**Enter Online here:**

<https://www.wollongongkarts.com.au/product/akra-round-entry-own-kart/>

Please make the effort to pre-enter above,

**LATE ENTRIES ON RACE DAY incur \$25 fee .....and NO BEER & NO FOOD for you at presentation time.....HAHAHAHAHAHA.....**

If you need to update or get a new license click here for 12 month license

<https://www.wollongongkarts.com.au/product/annual-akra-race-license/>

Day License click here

<https://www.wollongongkarts.com.au/product/day-race-license/>

**HEY GUYS -** Online Entries close 5.00pm Friday MARCH 18 - **IT'S A HUGE JOB TO GET ALL THE ENTRIES INTO THE RACE PROGRAM BECAUSE HALF YOU GUYS CAN'T WRITE CLEARLY, MISS SPELL**

**AND DON'T KNOW YOUR 123's - Transponder Numbers MUST be correct and make sure they are working - OK, OK, OK, OK, OK.** If Saturday entry is a problem call me at track 9138 7610 - well in advance - understand

**\*\*WAIVER – All entrants are required to have signed the waiver before driving on the track \*\***

If you have a current 12 mth AKRA license means you have already completed waiver, make sure you have signed on Computer within the last 12 mths

**MINIMUM ENTRIES :** 5 entries needed to make a class

Classes may be combined at the discretion of the organisers

**FORMAT OF RACING**

<b>Grid Starting positions</b>	<i>Heat 1 - Lowest Kart Number to the front Heat 2 - Reverse Grid from Heat 1 Pre-Final - points from Heats 1 and 2 Final - Finishing order from Pre-Final Event winner is the person who wins the Final. All drivers classified according to the number of completed laps in all races</i>
<b>Heat 1,2</b>	10 Laps
<b>Pre-Final</b>	15 Laps
<b>Final</b>	20 Laps

**TIMETABLE (Subject to change via PA announcement)**

<b>Track gates opens at 10:00am</b> on Race Day.	
STEP 1 - Make sure you confirm your entry, enter/sign-in at OFFICE - BLACK/ORANGE Brick Building	
STEP 2 - Hand in your completed Scrutineered form before you go onto track to Practise - THIS IS A MUST	
	<b>* Drivers must complete entry form, Sign in, hand in kart scrutineering form prior to practicing * - NO EXCEPTIONS</b>
10.00 am	Race Secretary's OFFICE - OPEN'S
12.45 pm	Drivers Briefing at outgrid area
1.00 pm	<b>Racing Commence</b>
6.00 pm 20mins	DINNER Break Racing continues - Presentations after completion of Racing
TROPHIES 1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> In addition to random draws, bragging rights, handshakes, hugs and generous applause from the crowd are also on offer.	
Retrieval of Karts is at the discretion of the Clerk of the Course	
Pit Crew must only enter the Circuit when permitted by the Grid Marshal or the Clerk of the Course wearing a HIGH VISIBILITY <b>SAFETY VEST</b> provided.	
<b>GRID AREA - Closed in shoes required at all times, "HEY BERT" NO THONGS OR SANDALS</b>	
<b>no animals are allowed anywhere within the facility.</b>	
<b>No dumping of Fuel, No fires in pits, No unlicensed driving of motor vehicles permitted at the Circuit.</b>	
<b>Please leave your Old Tyres at hire kart shed - ingrid area</b>	

## Scrutineering

Self Scrutineering - in 2022

### **Make sure your Kart is SAFE**

Following is a basic and reasonable list of safety requirements, **DO CHECK TO MAKE SURE YOUR KART HAS THESE DONE**

- 1) Karts to be structurally sound
- 2) Nyloc nuts where appropriate.

- 2) Chain guards front and back AND **MAKE SURE THE GUARD COVERS "CHAIN" PROPERLY 100%. unless you have some spare fingers you don't need.**
- 3) Brakes - no Leaking hydraulic brake fluid and the kart **MUST** have a solid brake pedal.
- 4) Nose Cones - Cable ties on nose cone clamps, **IF YOU LOSE NOSECONE, BLACK FLAG COME OUT.**
- 5) Side pods on all model karts secured with springs and or Bolted with nyloc nuts.
- 6) Locking collar on steering collar (located under steering boss.)
- 7) Bolt on weight/lead secured using large washers and Nyloc nuts.
- 8) **Safety wire and clamps around the muffler and thru chassis. Throttle cable wire and clamps are best.**
- 9) Cable ties on fuel line connections.
- 10) Race Numbers front, back and side clearly visible.
- 11) All 4 Tyres correct for your class and in fair & reasonable condition.
- 12) A Return Spring on throttle pedal, the carburettor and brake pedal
- 13) **Safety wire and clamps around Brake Pedal and Master Cylinder to stop any possible brake failure. Throttle cable wire and clamps are preferred.**
- 14) Thick Zip Tie around chassis bearing hangers and both sides of the Rear Crash Bar just in case it comes loose and stops from falling off.
- 15) **1 set of tyres only - what you start heat 1 with you use all meeting only - UNLESS it's Wet, then you can use approved Dunlop KT12 or KT6 wet tyres only. OPEN wets are OPEN to any wet tyres**

SCALES WILL BE USED during Heats and Finals.

Extra Lead/Weights can be purchased at Clubhouse.

**Scales readings on the Day stand, SO Check your kart and driver's weight before racing to make sure you are over the race weight limit, no whining after the fact, "but it was ok last time".**

## Technical Rules

### RACE NUMBERS

- Juniors, Cadets - Black numbers on White plate/background
- Seniors - Black numbers on Yellow plate/background

### 4SS SENIOR NATIONAL Light 155kg, Heavy 175kg

- Single 4 stroke Engines Torini, Subaru KX21 Briggs & Stratton, Honda GX270, - No Twin 4-stroke allowed
- Engines and carburettor conform to current homologation - no modifications
- Yamaha KT100J - Barrells - All ports as per cast originally supplied by Yamaha, no grinding or modifications allowed
- Yamaha KT100J - 11cc Cylinder Head capacity
- Yamaha KT100J - Exhaust systems are a non tech item but must have some silencing capacity.
- Air boxes are compulsory – non tech item for Yamaha with filters optional.

- Tyres – MAXXIS

#### CADETS (7-12 years)

### ● @ 100 KG MiniRok and Yamaha J

- @ 80KG Comer S80

#### JUNIOR NATIONAL (12 years – 16 years) @ 125KG

- Yamaha KT100J
- Engines and carburettor conform to current homologation - no modifications
- Yamaha KT100J - Barrells - All ports as per cast originally supplied by Yamaha, no grinding or modifications allowed
- Yamaha KT100J - 11cc Cylinder Head capacity
- Yamaha KT100J - Exhaust systems are a non tech item but must have some silencing capacity.
- Air boxes are compulsory – non tech item for Yamaha with filters optional.
- Mini Rok
- Engines and carburettor conform to current homologation - no modifications
- Exhaust systems as per homologation.
- Air boxes are homologation
- Tyres – MAXXIS

#### JUNIOR PERFORMANCE - KA100 (12 years – 15 years)

- IAME KA100 **with Exhaust Restrictor @ 140KG**
- Yamaha KT100S “Clubman” @ 140KG

#### SENIOR CLUBMAN LIGHT, HEAVY

- LIGHT @ 145kg
- HEAVY @ 160KG
- SUPER HEAVY @ 175KG
- Yamaha KT100S & ARC SPEC 100A
- IAME KA100 **with Exhaust Restrictor**
- AKRA reserves the right to adjust/add restrictors & weights as required to achieve desired parity
- Engines and carburettor conform to current homologation- no modifications
- Barrells - All ports as per cast originally supplied by Yamaha, no grinding or modifications allowed - **SPEEDWAY ENGINES ARE ILLEGAL**
- Yamaha 11cc Cylinder Head capacity
- Exhaust systems are a non tech item for ARC & Yamaha but must have some silencing capacity.
- Air boxes are compulsory – non tech item for ARC & Yamaha with filters optional.

- Tyres – MAXXIS

#### TAG Restricted 125cc

- TAG Restricted Light
- Rotax Max Evo 165kg
- All other Engines 155kg

#### TAG Restricted Heavy, Over 40's

- Rotax Max Evo 185kg
- All other Engines 175kg

#### ● Exhaust Restrictor Plates - keep simple & same as KNSW

ENGINE	MAX HOLE SIZE	RESTRICTOR CODE
IAME X30	23.40 mm	AKA X30
PRD Fireball 125	24.50 mm	AKA F1
PRD Galaxy 125	24.95 mm	G1
Parilla Leopard 125-Black	23.00 mm	AKA L1
Parilla Leopard 125-Green	23.80 mm	AKA L2
Rotax 125 Max	24.50 mm	AKA SR2
Rotax 125 Junior Max	26.00 mm	AKA JR1

- AKRA reserves the right to adjust/add restrictors & weights as required to achieve desired parity
- Engines, carburettor, Exhaust systems, Air Boxes to conform to current homologation- no modifications
- Tyres – MAXXIS

#### TAG 125cc

- TAG Light
- Rotax Max Evo 165kg
- All other Engines 155kg

#### TAG Heavy

- Rotax Max Evo 185kg
- All other Engines 175kg

- AKRA reserves the right to adjust/add restrictors & weights as required to achieve desired parity
- Engines, carburettor, Exhaust systems, Air Boxes to conform to current homologation- no modifications
- Tyres – MAXXIS

## **OPEN PERFORMANCE**

- 2 or 4 stroke engines in single or twin configuration
- Single engine capacity must not exceed 175cc for 2-stroke or 250cc for 4-stroke.
- Twin total engine capacity must not exceed 255cc for 2-stroke.
- Exhaust systems are a non tech item but must have some silencing capacity.
- Tyres – OPEN Dunlop, Bridgestone, Vega or MG. **Round and BLACK**
- **180kg Shifter Karts and Twins**
- **170kg 4 stroke**
- **165KG DD2**