

# AKRA Road Racing 2018

## Sprint Road Race

### **Junior Sprint Final 1 & Final 2**

Competition Age: 12 – 16

Engines: Yamaha KT 100, KPV 100, Animal, Pro Gas, LO 206.

Weight: Yamaha-RLV SSX Exhaust 300lbs., RLV SBX 320lbs., KPV 100 325lbs., Briggs Animal 300lbs., Pro Gas 300lbs., LO 206 270lbs.

Pipe: Yamaha -RLV SSX Can, or RLV SBX Exhaust. When using the RLV SBX Exhaust, use the RLV 26S Header, with a 7/8 RLV restrictor, with a minimum 11.0" flex length as measured from piston face to end of flex. Axle or Engine clutch. KPV 100 - KPV 2 pipe and header and engine clutch only. Briggs Animal-Stock 6.5hp (See Animal Junior Rules) and dry engine clutch only. Pro Gas and LO 206 engine clutch only.

Fuel: Yamaha and KPV-Race Gas, Animal Gas or Alcohol, Pro Gas and LO 206 Pump Gas.

### **Yamaha Sportsman Sprint Final 1 & Final 2**

Competition Age: 15 and up

Engines: Yamaha KT 100

Weight: SBX 360lbs., SSX 340lbs.

Pipe: RLV SBX Muffler, RLV 26S Header, Flex length minimum 11.0" as measured from piston face to end of flex. SSX Can Muffler.

Fuel: Race Gas

### **Yamaha Sprint Final 1 & Final 2**

Competition Age: 15 and up

Engines: Yamaha KT 100

Weight: 360lbs.

Pipe: Fixed Pipe. Yamaha Sportsman setup legal at 340lbs for SBX can and 320lbs for SSX can.

Fuel: Race Gas

### **Piston Port Sprint Final 1 & Final 2**

Competition Age: 15 and up

Engines: Any mass produced 100cc Air Cooled Piston Port Engine

Weight: Yamaha 360lbs., Comer P51 395lbs., all other Piston Port engines 380 lbs.

Pipe: Fixed pipe. Yamaha Sportsman setup legal at 340lbs for SBX can and 320lbs for SSX can.

Fuel: Race Gas

### **Piston Port SSX Can Sprint Final 1 & Final 2**

Competition Age: 15 and up

Engines: Yamaha KT 100, ARC Comer, PRD RK 100

Weight: Sprint Bodywork 360lbs., CIK Bodywork 350lbs.

Pipe: RLV SSX Can muffler

Fuel: Race Gas

### **Junior Novice Sprint Final 1 & Final 2**

Competition Age: 8 - 12

Yamaha Sportsman KT 100S, 245lbs., Walbro-WA55B carburetor and manifold, RLV-SSX Can Muffler.

Komet Sportsman KPV 100, 245lbs., Walbro-WA55B carburetor, KPV 1 pipe and header.

Briggs Animal Sportsman – Stock Animal with .505 Gold restrictor, 245lbs.

LO206 Sportsman, LO 206 with carb lock and .490 restrictor-green slide, 245lbs.

TaG Cadet – CIK Bodywork, Gazelle 60cc 245lbs., Mini Swift 60cc 245lbs., RoK 60cc 245lbs.

4 Cycle International, Clone – ARC/.550 Blue Restrictor, Pull Starter, 225lbs.

Fuel: Race Gas or Pump Gas

### **Open Sprint Final 1 & Final 2**

Competition Age: 15 and up

Engines: Any non-gearbox 2 cycle up to 135cc, 80cc Gearbox engines, 4 cycle engines.

Weight: Yamaha, ARC Comer, PRD RK 100 340lbs., All other Piston Ports 350lbs., 100cc Controlled Stock 365lbs., IAME KA100 365lbs., all other non-gearbox up to 150cc 380lbs., 80cc Gearbox 375lbs., Open Modified Animals-Clones-Honda-Flatheads up to 300cc 340lbs., Stock Animal 300lbs., Limited Modified Animal 340lbs., Pro Gas 300 lbs., Clone/LO206 300lbs., Honda GSX200 350lbs., Open Modified Honda, Briggs, Tech Star, Blockzilla from 301cc-450cc 380lbs.

Pipe: Fixed pipe.

Fuel: 2 cycles - Race Gas, 4 cycles – Methanol or Pump Gas.

### **KPV Komet Senior**

Competition Age: 15 and up

Engines: KPV, K71, HPV

Weight: With #3 pipe 340lbs. with flex set at 12.0" – 12.5".

With #2 or #4 pipe 360 lbs. with flex set at 10.0" – 10.5".

Pipe: #2, #3, #4

Fuel: Race Gas

Other: K&N Filter allowed, open tire, 5.0" wheels only, 450 front only, 710 rear only, CIK bodywork, Sit-up sprint style seat, engine clutch only. Minimum overall rear tire width 45.0".

### **TaG Senior Sprint Final 1 and Final 2**

Competition Age: 15 and up

Engines and Weight: Parilla Leopard 360lbs., PRD Fireball 350lbs., Rotax Max FR 125 380lbs., Rotax Max FR 125 EVO 400lbs., Vortex TT 405lbs., Motori Seven 415lbs., X30 370lbs., X 125-MX 360lbs., TM 125 360lbs., Sonik TX 390lbs., Sonik VX 380lbs., Ported Parilla Leopard 380lbs., Easykart 350lbs.

Pipe: Fixed pipe

Fuel: Race Gas

### **TaG Senior Heavy Sprint Final 1 & Final 2**

Competition Age: 15 and up

Engines and Weight: Parilla Leopard 390lbs., PRD Fireball 380lbs., Rotax Max FR 125 410lbs., Rotax Max FR 125 EVO 430lbs., Vortex TT 425lbs., Motori Seven 435lbs., X30 400lbs., X 125-MX 390lbs., TM 125 390lbs., Sonik TX 445lbs., Sonik VX 410lbs., Ported Parilla Leopard 410lbs., Easykart 380lbs.

Pipe: Fixed pipe

Fuel: Race Gas

### **TaG Masters Sprint Final 1 & Final 2**

Competition Age: 35 and up

Engines and Weight: Parilla Leopard 390lbs., PRD Fireball 380lbs., Rotax Max FR 125 410lbs., Rotax Max FR 125 EVO 430lbs., Vortex TT 425lbs., Motori Seven 435lbs., X30 400lbs., X 125-MX 390lbs., TM 125 390lbs., Sonik TX 445lbs., Sonik VX 410lbs., Ported Parilla Leopard 410lbs., Easykart 380lbs.

Pipe: Fixed pipe

Fuel: Race Gas

### **Stock Honda Final 1 & Final 2**

Competition Age: 16 and up

Engines: Honda CR 125 (1999 or 2001 Cylinder)

Weight: 390lbs.

Pipe: Fixed pipe, (RLV 6800, RCE T3, RLV R4 (Single or Two Piece), SKUSA SK-1)

Fuel: Race Gas

### **125 Shifter Final 1 & Final 2**

Competition Age: 16 and up

Engines: Mass produced 125cc Shifter Motor.

Weight: Stock Honda CIK Bodywork 375lbs., 2013 Homologated Modified Motor CIK Bodywork 385lbs., Full Bodywork 420lbs. 2016 Motors Homologated 405lbs.

Pipe: Fixed pipe (Stock Honda must run pipe legal for Stock Honda class)

Fuel: Open Fuel

### **G 125 Sprint Shifter Final 1 & Final 2**

Competition Age: 35 and up

Engines: 125cc Honda and 125cc ICC CIA/FIA engines (ICC engines stock 30mm Dellorto carb only)

Weight: 420lbs. CIK bodywork only. 2016 Motors Homologated 440lbs.

Pipe: Fixed pipe, (RLV 6800, RCE T3, RLV R4 (Single or Two Piece), SKUSA SK-1)

Fuel: Open Fuel

Other: Open Tire

### **TaG Junior Sprint Final 1 & Final 2**

Competition Age: 12 - 15

Engines and Weight: Parilla Leopard 320lbs., PRD Fireball 320lbs., Rotax Max FR 125 320lbs., X30 330lbs., X 125-MX 320lbs., TM 125 320lbs. Restricted intake manifold with a 15mm intake opening.

Pipe: Stock exhaust.

Fuel: Race Gas

### **4-Cycle Junior Sprint Final 1 & Final 2**

Competition Age: 12 - 16

Engines: Briggs and Stratton Animal, Pro Gas, LO206, or Clone. Animal and Pro Gas with .575 black restrictor, LO206 with .570 restrictor and yellow slide, Clone with .550 Red restrictor. Dry engine clutch only.

Weight: Animal 305lbs., Pro Gas 290lbs., LO206 300lbs., Clone 280lbs.

Pipe: Fixed pipe

Fuel: Animal and LO206 – Methanol, Pro Gas and Clone – Pump Gas

#### **4-Cycle Sprint 350 Final 1 & Final 2**

Competition Age: 15 and older

Engines: Briggs and Stratton Animal. Pro Gas legal under Pro Gas rules, LO 206 legal under LO 206. Dry engine clutch only.

Weight: Animal 350lbs., Pro Gas 335lbs., LO206 320lbs.

Pipe: Fixed pipe

Fuel: Methanol or Gas

#### **4-Cycle Sprint 370 Final 1 & Final 2**

Competition Age: 15 and older

Engines: Briggs and Stratton Animal. Pro Gas legal under Pro Gas rules, LO 206 legal under LO 206. Dry engine clutch only.

Weight: Animal 370lbs., Pro Gas 355lbs., LO206 340lbs.

Pipe: Fixed pipe

Fuel: Methanol or Gas

#### **4-Cycle Sprint 400 Final 1 & Final 2**

Competition Age: 15 and older

Engines: Briggs and Stratton Animal. Pro Gas legal under Pro Gas rules, LO 206 legal under LO 206. Dry engine clutch only.

Weight: Animal 400lbs., Pro Gas 385lbs., LO206 370lbs.

Pipe: Fixed pipe

Fuel: Methanol or Gas

#### **Clone/LO 206 Sprint Final 1 & Final 2**

Competition Age: 15 and older

Engines: Stock 6.5hp Clone Engine, Stock Briggs and Stratton LO 206. Dry engine clutch only.

Weight: 370lbs.

Pipe: Fixed pipe

Fuel: Pump Gas

#### **World Formula Lite Final 1 & Final 2**

Competition Age: 15 and up

Engines: Briggs and Stratton World Formula (Must be Sealed) Go to [www.nhka.net](http://www.nhka.net) for complete rules.

Weight: 360lbs.

Pipe: Fixed pipe

Fuel: Pump Gas

#### **World Formula Heavy Final 1 & Final 2**

Competition Age: 15 and up

Engines: Briggs and Stratton World Formula (Must be Sealed) Go to [www.nhka.net](http://www.nhka.net) for complete rules.

Weight: 390lbs.

Pipe: Fixed pipe

Fuel: Pump Gas

#### **Limited Modified**

See Open Sprint located in the 2-cycle section

#### **Open 4 Cycle**

See Open Sprint located in the 2-cycle section

## Laydown Enduro Class Structure

### Junior Enduro Final 1 & Final 2

Competition Age: 12 - 16

Engines: Yamaha KT 100, KPV 100, Animal, Pro Gas, LO 206

Weight: Yamaha-RLV SSX Exhaust 340lbs., RLV SBX 360lbs., KPV 365lbs., Briggs Animal 340lbs., Pro Gas 340lbs., LO 206 310lbs.

Pipe: Yamaha -RLV SSX, RLV SBX Muffler, RLV 26S Header, Flex length minimum 11.0" as measured from piston face to end of flex. Addition of a 7/8 restrictor required. KPV 2 pipe and header, engine clutch only. Briggs Animal-Stock 6.5hp (See Animal Junior Rules)

Fuel: Yamaha and KPV-Race Gas, Animal Gas or Alcohol, Pro Gas and LO 206 pump gas.

### Yamaha Sportsman Medium Final 1 & Final 2

Competition Age: 15 and up

Engines: Yamaha

Weight: SBX Muffler 385lbs., SSX Muffler 365lbs.

Pipe: SSX Muffler, or, RLV SBX Muffler, RLV 26S Header, Flex length minimum 11.0" as measured from piston face to end of flex.

Fuel: Race Gas

### Yamaha Sportsman Heavy Final 1 & Final 2

Competition Age: 15 and up

Engines: Yamaha

Weight: SBX Muffler 410lbs., SSX Muffler 390lbs.

Pipe: SSX Muffler, or, RLV SBX Muffler, RLV 26S Header, Flex length minimum 11.0" as measured from piston face to end of flex.

Fuel: Race Gas

### Yamaha Pipe Final 1 & Final 2

Competition Age: 15 and up

Engines: Yamaha

Weight: 400lbs.

Pipe: Fixed pipe

Fuel: Race Gas

### 100cc Limited Enduro Final 1 & Final 2

Competition Age: 15 and up

Engines: Any Piston Port Motor, Controlled Motors (Atlas, Dap T72, T80, T80A, T80R, T91, Hewland, Komet K11, K55, K78, K88, Parilla SS21, TT25, TT65, TT75, LMR, TKM FF99, RS98, S89, RL66. All motors are stock.

Weight: Controlled 410lbs., Piston Port 360lbs.

Pipe: Controlled - Fixed pipe, Piston Port either fixed or sloppy pipe.

Fuel: Race Gas

### **Controlled Final 1 & Final 2**

Competition Age: 16 and up

Engines: 100cc ICA Reed, 100cc Controlled, 100cc Piston Port

Weight: ICA Reed & Controlled 390lbs., IAME KA100 390lbs., Piston Port 340 lbs.

Pipe: ICA Reed, Controlled, and IAME KA 100 – Fixed or Slippy pipe (If running a slippy pipe it must be locked into a fixed position so it can not be adjusted while the kart is in motion). Piston Port Fixed or Slippy pipe. All engines must run 1.75" header. ICA Reed, Controlled, and IAME KA100 minimum flex length 8.0"

Fuel: Race Gas

### **Formula 100 Final 1 & Final 2**

Competition Age: 16 and up

Engines: Any 100cc Reed, Rotary, or Piston Port. Any 135cc Controlled Stock.

Weight: 100cc Open 410lbs., Stock Appearing Piston Port 310lbs., 100cc Stock Appearing Reed or Rotary Valve 390lbs., 100cc Controlled Stock 2000 390lbs., 100cc Controlled Stock prior 2000 340lbs., 135 Controlled Stock 370lbs., IAME KA100 370lbs.

Pipe: Open Pipe

Fuel: Open Fuel

### **Formula 125 Final 1 & Final 2**

Competition Age: 18 and up

Engines: 125 Gearbox, 125 Non-Gearbox, B Limited, 100cc Open, 135cc Open.

Weight: Gearbox 420lbs., Non-Gearbox 380lbs., X30 380lbs.

Pipe: Gearbox - Fixed pipe. Non-Gearbox Open Pipe.

Fuel: Open Fuel

### **TaG Enduro Final 1 & Final 2**

Competition Age: 16 and up

Engines: Any 100cc or 125cc TaG Engine. Water or Air Cooled.

Weight: 100cc 380lbs., 125cc 410lbs.

Pipe: Any approved TaG pipe.

Fuel: Open Fuel

### **Unlimited Final 1 & Final 2**

Competition Age: 18 and up

Engines: Single Cylinder two cycle with maximum of 250cc, Single Cylinder Four Cycle with maximum of 450cc, Twin Engine maximum 150cc each cylinder. Gas Gas motor must run Super Kart.

Weight: 250 CC - 460lbs., 450 CC – 460lbs., 125 Gearbox or twin 135 cc engines - 420lbs., Up to 150cc Single Engine 380lbs., Two 100cc engines 465lbs., Two 150cc engines 490lbs.

Pipe: Fixed pipe

Fuel: Open Fuel

### **Super Kart 250 Final 1 & Final 2**

Competition Age: 18 and up

Engines: Twin cylinder with a maximum of 250cc. Single Cylinder two cycle with maximum of 250cc. Single Cylinder Four Cycle with maximum of 450cc. Twin Engine maximum 150cc each cylinder.

Weight: 250cc Twin Cylinder – 490lbs., 250cc Single Cylinder - 460lbs., 450 CC – 460lbs., 125 Gearbox or twin 135 cc engines - 420lbs., Up to 150cc Single Engine 380lbs., Two 100cc engines 465lbs., Two 150cc engines 490lbs.

Pipe: Fixed pipe

Fuel: Open Fuel

### **Vintage Piston Port/USA Final 1 & Final 2**

Competition Age: 15 and up

Engines: Any American made, fan style kart engine (100cc and 125CC McCulloch, 135cc West Bend),  
Or Non-Fan - Yamaha KT 100, ARC, Dap T-50, TKM BT 82, PCR PP-100, PRD (Stock Only), Horstman and  
SMC are the only wet axle clutches allowed, all other dry clutches allowed

Weight: No minimum weight

Pipe: Any pipe.

Fuel: Race Gas

### **Vintage Unlimited Final 1 & Final 2**

Competition Age: 15 and up.

Engines: Any single 100cc – 150cc. (Open Modifications, Any Carburetor allowed).

Weight: No minimum weight

Pipe: Any pipe, Any clutch.

Fuel: Open Fuel

### **Vintage Twin Engine Final 1 & Final 2**

Competition Age: 18 and up.

Engines: Two engines, pre 1985 models, open modifications, and carburetor, maximum combined displacement  
of 280cc. Horstman and SMC wet axle clutched allowed, and dry clutch allowed.

Weight: No minimum weight

Pipe: Any pipe.

Fuel: Open Fuel

Local Option classes (Others may be added)

\*Classes with multiple engines may have weights adjusted during the year.

Additional classes may be added by the host club.