



# 2017 Championship Enduro Series

## Sprint ENDURO Class Structure

### JUNIOR Sprint Classes

**NOVICE** (Class 1) Age 7 thru 10 years –225 lbs

(a) **Briggs Sportsman (225 lbs)** briggs Animal-with carburetor restrictor top hole 0.235 bottom hole 0.275 "purple" or 5hp briggs with "purple" .425 restrictor)

(b) **Yamaha Sportsman YBX (225 lbs)** KT100S engine per 2017 TAG Tech Manual. Walbro-WA55B carburetor mandatory. RLV-YBX Can muffler.

(c) **LO 206 Novice (225 lbs)** LO 206 with carb lock and .450 restrictor - Purple slide

(d) **4 CYCLE INTERNATIONAL "Clone"(225 lbs)** – 6.5 clone engines per 2017 TAG Tech Manual.. ARC/.550" Blue Restrictor Stock Exhaust required, **Pull starter** must be present and remain stock.

**All engines per 2017 TAG Tech Manual unless otherwise specified NO steering fairings, the CIK number panel is legal; overall nose height maximum of 17" measured from ground, chest protector is mandatory.**

**Jr Novice** (Class 2) Age 8 thru 12 years 265 lbs.–

(a) **Yamaha Sportsman** KT100S engine. Walbro-WA55B carburetor and Manifold mandatory. RLV-SSX Can muffler.

(b) **Komet Sportsman** KPP 100 engine Walbro WA55B carburetor or 1 carburetor, KPP 1 pipe and header mandatory

(c) **Briggs Animal Sportsman** 265 lbs–Briggs & Stratton Stock Animal 6.5hp with .505 Gold restrictor

(d) **LO 206 Sportsman (260 lbs)** LO 206 with carb lock and .490 restrictor – Green slide

(e) **TAG™ CADET** – I245 lbs-- CIK bodywork only Gas & oil only – TAG™ engines, exhaust, per 2017 TAG™ USA Tech manual

(f) **4 CYCLE INTERNATIONAL "Clone" (225 lbs)** – 6.5 clone engines per 2017 TAG Tech Manual.. ARC/.550" Blue Restrictor , **Pull starter** must be present and remain stock.

**All engines per 2017 TAG Tech Manual unless otherwise specified. NO steering fairings, the CIK number panel is legal, overall nose height maximum of 17" measured from ground, chest protector is mandatory.**

**SPRINT 2 Cycle Junior** (Class 3) Age 11 thru 15 years - 305 lbs. - Gas and oil only –

(a) **Yamaha Jr.** KT100S engines. RLV–SSX Can muffler. WB3A Carburetor, .

(b) **KPP Junior** 320 lbs KPP 100 engine Walbro WB3A carburetor, KPP 2 pipe and header mandatory CIK Body Work and Sit-up sprint style seat only. 12" minimum height cannot pass rear axle.

Engine clutch only. Minimum overall rear tire width of 45". –

(c) **Animal Jr.** 300 lbs–Briggs & Stratton Stock Animal 6.5hp.Gas only or Alcohol only allowed. Exhaust silencers required. Aftermarket connecting rods are allowed, stock length only Chest protector is mandatory

**SPRINT BRIGGS ANIMAL Junior** (Class 4) Age 11 thru 15 years – 300 lbs–Briggs & Stratton Stock Animal 6.5hp.Gas only or Alcohol only allowed. Exhaust silencers required. Aftermarket connecting rods are allowed, stock length only, Minimum Nose width 38.5", 5" Wheels only, 450 min front Tires, 600 min Rear Tires, Chain Drive Only, Floor Pan inside frame rails only, sprint style seat only, 12" minimum height cannot pass rear axle. Brake Tether required, Chest protector is mandatory for JR participants

**BRIGGS 206 JR** (Class 5) Age 11 thru 15 years – 300 lbs. – LO 206 with carb lock and .570 restrictor – Yellow slide per 2017 CES Tech Manual.. Exhaust silencer required, **Pull starter** must be present and remain stock. Chest protector is mandatory. Header must have heat wrap min 2" from Flange to the end of the muffler. Minimum Nose width 38.5", -- 5" Wheels only, 450 min front Tires, 600 min Rear Tires, Chain Drive Only, Floor Pan inside frame rails only, Seat, 12" minimum height cannot pass rear axle

**IGNITE 206 JR** (Class 27) Age 11 thru 15 years – 320 lbs. – LO 206 with carb lock and .570 restrictor – Yellow slide per 2017 CES Tech Manual.. Exhaust silencer required, **Pull starter** must be present and remain stock. Chest protector is mandatory. Header must have heat wrap min 2" from Flange to the end of the muffler. CIK homologated bodywork, manufactured by KG only, -- 5" Wheels only, 450 min front Tires, 600 min Rear Tires, Bridgestone YDS Compound only Chain Drive Only, Stock Floor Pan, Seat, 12" minimum height cannot pass rear axle, Ignite K3 Chassis,





## Enduro Classes

**YAMAHA Can** (Class 26) Age 15 years & up –  
385 lbs. - Gas and oil only - Yamaha KT100S engines. 4 Hole Can RLV / SSX Can Any configuration.

**YAMAHA HEAVY** (Class 23) Age 16 years & up –  
410 lbs. - Gas and oil only - Yamaha KT100S engines. No adjustable pipes allowed.

**CONTROLLED LIMITED** (Class 24) Age 16 years & up –  
(a) Piston Port – 310 lbs.  
(b) Controlled (prior to 2000) – 340  
(c) Controlled 2000 (ICA) –Stock Appearing - 390 lbs.  
(e) Euro 5 & 135cc Controlled – 370 lbs. – Piston Port is open fuel all others gas and oil only

**UNLIMITED** (Class 25) Age 18 years & up –  
(a) B-Limited – 380 lbs. – Open fuel –  
(b) Open Engines – 410 lbs. – Open fuel  
(c) 125 Gearbox - 420 lbs. – Gas & oil only –  
(d) Twin 125 – 490 lbs. – Gas & oil only –  
(e) 250cc Gearbox Single – 460 lbs. – Gas & oil only –  
(f) IC/4 (4 cycle) Gearbox – 460 lbs. – Gas only / MUST HAVE ROAD RACING LICENSE OR PROOF OF EQUIVALENT EXPERIENCE. USSK 250 Gearbox engines and karts allowed. IC/4 Gearbox engine rules per 2010 USSK Manual. –  
(g) Formula 125 – 125 Gearbox (Laydown) – 420 lbs. – Gas & oil only – Open – 375 lbs. – Open fuel – TAG (Laydown) – 385 lbs. – Gas & oil only  
(h) B STOCK - Twin engines ) Piston Port – 395 lbs. ) Controlled (prior to 2000) – 465 lbs. - ) Controlled 2000 (ICA) –Stock Appearing - 465 lbs. - ) Twin 125 – 485 lbs. – ) Euro 5 & 135cc Controlled – 490 lbs. – Open fuel

## Shifter Sprint Classes

**CIK 125 SPRINT** (Class 14) Age 16 years & up - 385 /405 lbs. - Gas & oil only - Approved engines: 125cc moto & 125cc ICC CIK/FIA engines (ICC engines stock 30mm Dellorto carb only). **Motors Homologated 2013 at 385 lbs. -- Motors Homologated 2016 at 405 lbs.** CIK style Bodywork Only. Chassis & engine tech per CES / TAG rules. Tires open Sit-up sprint style seat only, 13" minimum height cannot pass rear axle (b) Stock Honda Age 16 years & up - 375 lbs 125cc moto. per CES / TAG rules. Tires open Pipe is restricted to the following RLV 6800 series, RCE T3, RLV-R4 and RLV-R4---Two Piece, - Pro Circuit Pipe #SK-1

**G-125 SPRINT** (Class 15) Age 35 years & up –420 / 440 lbs. Gas & oil only- Approved engines: 125cc moto & 125cc ICC CIK/FIA engines (ICC engines stock 30mm Dellorto carb only). **Motors Homologated 2013 at 420 lbs. -- Motors Homologated 2016 at 440 lbs.** CIK style Bodywork Only. Chassis & engine tech per CES / TAG rules. Tires open. Sit-up sprint style seat only, 13" minimum height cannot pass rear axle.

**125cc Stock Moto SPRINT** (Class 18-) Age 16 years & up - 385 lbs. Gas & oil only - Approved engines: Honda 125cc moto. CIK style Bodywork Only. Chassis & engine tech per TAG rules. Tires open CIK Sit-up sprint style seat only, 13" minimum height cannot pass rear axle. Cylinder and cylinder head must be stock 1999 OEM. Pipe is restricted to the following RLV 6800 series, RCE T3, RLV-4 and RLV-R4 Two Piece, - Pro Circuit Pipe #SK-1

### **Seat Rules for CIK body work classes:**

Sit-up sprint style seat only, 13" minimum height cannot pass rear axle  
CIK style seats are defined as Sprint style bucket seats un-altered.  
Home made, modified, non production and Stallion road race seats are **NOT** Legal  
Any attempts to circumvent this rule will be covered by the "Sprit and Intent rule"

## Brake Tether required in all classes





## Senior Sprint Classes

**BRIGGS 206 SR** (Class 6) Age 15 years & up - 375 lbs. – 206 engines per 2017 CES Tech Manual.. Exhaust silencer required, **Pull starter** must be present and remain stock, Header must have heat wrap min 2" from Flange to the end of the muffler. Minimum Nose width 38.5", 5" Wheels only, 450 min front Tires, 600 min Rear Tires, Chain Drive Only, Floor Pan inside frame rails only, sprint style seat only, 13" minimum height cannot pass rear axle

**IGNITE 206 SR** (Class 28) Age 15 years & up - 360 lbs. – 206 engines per 2017 CES Tech Manual.. Exhaust silencer required, **Pull starter** must be present and remain stock, Header must have heat wrap min 2" from Flange to the end of the muffler. CIK homologated bodywork, manufactured by KG only, 5" Wheels only, 450 min front Tires, 710 min Rear Tires, Bridgestone YDS Compound only, Chain Drive Only, Stock Floor Pan, sprint style seat only, 13" minimum height cannot pass rear axle, Ignite K3 Chassis,

**Briggs ANIMAL 360** (Class 7) Age 15 years & up - 360 lbs. - Alcohol only - Briggs & Stratton engines. Exhaust silencers required. Aftermarket connecting rods are allowed.

**Sprint Briggs ANIMAL** (Class 8) Age 15 years & up - 360 lbs. - Alcohol only - Briggs & Stratton engines. Exhaust silencers required. Aftermarket connecting rods are allowed. . Minimum Nose width 38.5", 5" Wheels only, 450 min front Tires, 600 min Rear Tires, Chain Drive Only, Floor Pan inside frame rails only, sprint style seat only, 13" minimum height cannot pass rear axle. Brake Tether required

**Senior Super Heavy** (Class 9) Age 15 years & up – 405 lbs. –

(a) Yamaha KT100S, ARC Comer and PRD RK 100 engines RLV-SSX Can muffler.

(b) Briggs Animal Alcohol only - Briggs & Stratton engines. Exhaust silencers required. Aftermarket connecting rods are allowed. Maximum Kart weight 235 lbs

**4 CYCLE INTERNATIONAL CLONE** (Class 10) Age 12 years & up – 385 lbs. – 6.5 clone engines per TAG™ USA 2017 Tech Manual.. Exhaust Silencer required Length on header and muffler is 13" Max 10" min Header must be single stage 1" OD Maximum outside diameter **Pull starter** must be present and remain stock. Chest protector is mandatory for drivers 12-15 years of age, 5" Wheels only, 450 min front Tires, 600 min Rear Tires, Chain Drive Only, Floor Pan inside frame rails only,

**KPV Komet Senior** (Class 11) age 15 years & up – 340 lbs. with #3 pipe at 12"-12.5" – 360 lbs. with #2 or #4 pipe at 10"-10.5" – gas and oil – K&N filter allowed – open tire – 5" wheels only – 450 front only – 710 rear only – CES engine rules apply. CIK Body Work and Sit-up sprint style seat only. 13" minimum height cannot pass rear axle. Engine clutch only. Minimum overall rear tire width of 45".

**PISTON PORT CAN SPRINT 365 / 355** (Class 12) Age 15 years & up - 365 lbs. CIK Body work #355 lbs- Gas and oil only - Yamaha KT100S, ARC Comer and PRD RK 100 engines. RLV SSX Can muffler.

**PISTON PORT SPRINT** (Class 13) Age 15 years & up - Gas and oil only –

a) Yamaha KT 100 S – 360 lbs.

b) Piston Port – 380 lbs - ARC Comer, PRD RK 100, and Piston Port engines.

No adjustable pipes allowed.

**KOHLER SUPER STOCK** (Class 16) Age 15 years & up - 360 lbs.- Gasoline only - Kohler XKE2 CH270 engines. Exhaust silencers required. Aftermarket Billet Rod allowed, ARC Billet flywheels are required.

**SPRINT OPEN** (Class 17) Age 15 years & up

(a) Yamaha – 340 lbs Gas & oil –

(b) Piston Port engines–350 lbs ARC Comer, PRD RK 100, Gas and oil –

(c) Controlled – 365 lbs. – Open fuel

(d) 4 cycle 340 lbs - Open Fuel

(e)- Any single cylinder 100cc 2 cycle engines, air or water cooled. – 385 lbs – open fuel, No gearbox, TAG sprint road race bodywork allowed, Headrest and supplemental fuel tank allowed for 2 cycle open karts.

(f) **80cc GEARBOX** – 375 lbs 80cc Moto only, Ignition timing non-tech but may not be adjustable in motion.

(g) Spec Shifter – 385 lbs – Gas & oil Exciter spec shifter must be factory spec.

No adjustable pipes allowed in any sprint open classes.

## Brake Tether required in all classes





## Sprint Enduro TAG Classes

**TAG™ SENIOR / TAG™ USA** (Class 20) Age 15 years & up – Weight per TAG™ USA weight chart. – Gas & oil only – TAG™ engines, exhaust, and karts per 2017 TAG™ USA Tech Manual. Rules may change throughout the year, following technical updates. Sit-up sprint style seat only, 13” minimum height cannot pass rear axle. Engine clutch only. Minimum overall rear tire width of 45”.

**TAG™ Senior Heavy/ TAG™ USA** (Class 21) Age 15 Years & up – Masters Weight per TAG™ USA weight chart. – Gas & oil only – TAG™ engines, exhaust, and karts per 2017 TAG™ USA Tech Manual. Rules may change throughout the year, following technical updates. Sit-up sprint style seat only, 13” minimum height cannot pass rear axle. Engine clutch only. Minimum overall rear tire width of 45”.

**TAG™ MASTERS / TAG™ USA** (Class 22) Age 35 Years & up – Weight per TAG™ USA weight chart. – Gas & oil only – TAG™ engines, exhaust, and karts per 2017 TAG™ USA Tech Manual. Rules may change throughout the year, following technical updates. Sit-up sprint style seat only, 13” minimum height cannot pass rear axle. Engine clutch only. Minimum overall rear tire width of 45”. 200 lb weight rule waived for drivers 35 yrs and older. If Driver is under 35 he or she must weigh a Minimum driver weight after race including driving equipment 200 lbs

### **TAG™ International - Junior & Senior Combined Class Weights**

**NOTE:** At the discretion of the club, series, and or Race director, a 200 lbs driver may run TAG™ Masters if he or she is **16** years of age and he or she weighs 200 lbs (minimum) Post race on race day. This is solely at the discretion of the club, series, and or Race director.

Engine		Junior	Senior	Masters
<b>I.</b>	Parilla Leopard	320 lbs.	360 lbs.	390 lbs.
<b>J.</b>	PRD Fireball	320 lbs.	350 lbs.	380 lbs.
<b>K</b>	Rotax Max FR125	320 lbs.	380 lbs.	410 lbs.
	<b>EVO Approved For</b>	<b>Road</b>	<b>Race</b>	<b>See Chart</b>
<b>M</b>	Vortex TT	-----	375 lbs.	405 lbs.
<b>H</b>	Motori Seven	-----	380 lbs	410 lbs
<b>R</b>	X 30	330 lbs	370lbs	400 lbs
<b>S</b>	X 125-MX	320 lbs	360 lbs	390 lbs
<b>O</b>	Tm 125	320 lbs	360 lbs	390 lbs

### **TAG™ International Class Weights - Senior & Masters –Road Racing Weights**

Engine	Senior	Masters
<b>H</b> Motori Seven	-----	415 lbs.
<b>M</b> Vortex TT	-----	405 lbs.
<b>K</b> Rotax Max FR125	<b>EVO</b>	430 lbs.

**Seat Rules for CIK body work classes:**

Sit-up sprint style seat only, 13” minimum height cannot pass rear axle  
 CIK style seats are defined as Sprint style bucket seats un-altered.  
 Home made, modified, non production and Stallion road race seats are **NOT** Legal  
 Any attempts to circumvent this rule will be covered by the “Sprit and Intent rule”





## TAG Team Race Class Structure

**TAG™ USA Team Race** Age 15 & up – Weight per TAG™ USA weight chart.

Each driver will be weighed individually with the Kart post race. The weight will be recorded and added together. This combined weight must meet the minimum doubled weight per TAG USA™ weight chart for the engine package used.– Gas & oil only – TAG™ engines, exhaust, and karts per 2017 TAG™ USA Tech Manual. Rules may change throughout the year, following technical updates. Sit-up sprint style seat only, 13" minimum height cannot pass rear axle. Engine clutch only. Minimum overall rear tire width of 45".

### **The team race rules are as follows;**

**Team:** Each team will consist of two drivers

**Race:** The race will be 30 minutes in length

**Pit Stops:** The pit window will open at the 10 minute mark and the hot pits will remain open for 10 minutes to facilitate driver changes  
At the 20 minute mark the Pits will be closed.

**Fueling:** If a team needs to add fuel the engine must be shut off and the Driver must be out of the kart.

**Driver Change:** During a driver change only the driver and his team driver may be over the wall and or involved in the change

**Weights:** **Each driver will be weighed individually with the Kart post race. The weight will be recorded and added together. This combined weight must meet the minimum doubled weight Per TAG USA™ weight chart for the engine package used.**

**Rules:** Rules and Weights will be per TAG USA™

