



2021 Karting Challenge

Official Class Structure

V5 Last Updated: 5/7/2021

All Classes:

Chassis and Bodywork per CIK. CIK "style" bodywork only, no "full coverage" front or side bodywork. CIK full coverage plastic rear protection system is required. Briggs classes must conform to a traditional sprint setup with no lay-down seats. Transponders must be mounted securely to the back of seat. All rules are subject to change at promoter's discretion. Unless noted, AMR Motorplex will be following the WKA Rule Book for procedural, chassis, and engine specifications. Tire warmers and tire prep are strictly prohibited. If tires are found to be outside of the durometer window or do not pass the 'sniffer', those tires will be marked illegal and may be cause for driver suspension.

- In all classes; MG rains only.
- Competitors found prepping tires will receive a minimum 1 year ban from competition.

Classes:

LO206 Cadet
LO206 Junior
LO206 Senior
LO206 Heavy

IAME Micro Swift
IAME Mini Swift
IAME X30 Junior
TaG Senior
Shifter

IAME Bambino
IAME KA100 Junior
IAME KA100 Senior
TaG Master

Race Dates:

January 31
May 16
July 18
September 19
November 28

April 11
June 13
August 22
October 24
December 12

Competition Age:

Unless otherwise stated, a competitor's age for the 2021 race season will be determined by that competitor's age on December 12, 2021. Competitors whose age on December 12, 2021 does not meet the class minimum MUST either present proof of a waiver from another major series (i.e., WKA, USPKS, or SKUSA) or request, in writing, a waiver from AMR Motorplex. If a waiver is requested from AMR Motorplex, the competitor's racing resume and history **at AMR Motorplex** will be reviewed and a decision will be provided, in writing, within 30 days. If a waiver is not approved, the competitor may request a review after each 30-day period following the original decision.

ALL DRIVERS PARTICIPATING IN JUNIOR CLASSES OR BELOW OR ANY DRIVER UNDER THE AGE OF 15 YEARS OLD MUST WEAR SFI 20.1 COMPLIANT CHEST PROTECTION AT ALL TIMES WHEN ON TRACK. PENALTIES WILL BE ASSESSED FOR FAILURE TO COMPLY WITH THIS DIRECTIVE.

IAME Bambino:

DRIVER AGE: 5-8 Years Old

CHASSIS: Kid or Cadet

ENGINES / WEIGHTS:

150 – IAME Bambino

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SH 4.60 front and rear w/ 33 3/8" max. circumference

SPEC OILS: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

*Must turn 5 years old before competing in a race

*Engines according to [2021 USPKS Tech Manual with Updates](#)

*Racing in wet conditions to be determined by race director

Series Engine Claim Rule:

AMR Motorplex, at its discretion, may claim any competitor's engine, if deemed necessary, to maintain competitive balance. A new IAME Bambino engine package will be provided to replace any claimed engine. Competitors refusing engine claim will lose any accumulated championship points and will be barred from further competition in the class.

IAME Micro Swift:

DRIVER AGE: 7-10 Years Old

CHASSIS: Cadet or Standard

ENGINES / WEIGHTS:

225 - IAME Mini Swift w/ restricted exhaust header (see WKA Man. Cup Rules Section 625.13)

240 - Vortex Mini Rok w/ restricted exhaust header (see Rok Cup USA Rules Section 7.10)

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SH 4.60 front and rear

SPEC OIL: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

AIRBOX: Stock IAME or ROK airbox included with respective engine package

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 7 years old before December 12, 2021

*Engines according to [2021 USPKS Tech Manual with Updates](#)

IAME Mini Swift:

DRIVER AGE: 8-12 Years Old

CHASSIS: Cadet or Standard

ENGINES / WEIGHTS:

245 - IAME Mini Swift

260 - Vortex Mini Rok

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SH 4.60 front and rear

SPEC OIL: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

AIRBOX: Stock IAME or ROK airbox included with respective engine package

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 8 years old before December 12, 2021

*Engines according to [2021 USPKS Tech Manual with Updates](#)

IAME X30 Junior:

DRIVER AGE: 12-15 Years Old

ENGINES / WEIGHTS:

320 - IAME X30 w/ 26mm restricted header

320 - IAME Leopard w/ 25mm restricted header

345 - Vortex Rok GP w/ spec restricted header (see Rok Cup USA Rules Section 7.10)

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SH 4.60 front and 7.10 rear

SPEC OIL: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

AIRBOX: Stock IAME or ROK airbox included with respective engine package

* Rain hoods allowed in race director declared wet weather conditions only

*Must turn 12 years old before December 12, 2021

*Engines according to [2021 USPKS Tech Manual with Updates](#)

TaG Senior:

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

355 - IAME X30

355 - IAME Leopard

375 - Vortex Rok GP

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SM 4.60 front and 7.10 rear

SPEC OIL: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

AIRBOX: Stock IAME or Rok airbox included with respective engine package

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 15 years old before December 12, 2021

*Engines according to [2021 USPKS Tech Manual with Updates for IAME](#) and Rok Cup USA for Rok.

TaG Master:

DRIVER AGE: 32+ Years Old OR 18+ Years Old at 200+ lbs with driving gear

ENGINES / WEIGHTS:

395 - IAME X30

395 - IAME Leopard

415 - Vortex Rok GP

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SM 4.60 front and 7.10 rear

SPEC OILS: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

AIRBOX: Stock IAME or Rok airbox with according engine

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 32 years old before December 12, 2021

*Engines according to [2021 USPKS Tech Manual with Updates](#) for IAME and Rok Cup USA for Rok.

Shifter:

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

380 - Stock Honda CR125

400 - IAME SSE

395 - Vortex Rok Shifter

400 - KZ

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SM 4.60 front and 7.10 rear

SPEC OILS: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

AIRBOX: Stock IAME or Rok airbox with according engine

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 15 years old before December 12, 2021

*Engines according to respective rulebooks (SKUSA for IAME, WKA for KZ, and CR125; Rok Cup USA for Rok)

IAME KA100 Junior:

DRIVER AGE: 11-15

CHASSIS: Standard

ENGINES / WEIGHTS:

320 – IAME KA100

FUEL: VP MS98 from AMR Motorplex

EXHAUST: 22mm, IAME part # IAH-02020

TIRE: MG SH 4.60 front/ 7.10 rear

SPEC OIL: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 11 years old before December 12, 2021

*Engines according to [2021 USPKS Tech Manual with Updates](#)

IAME KA100 Senior:

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

360 – IAME KA100

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SH 4.60 front/ 7.10 rear

SPEC OIL: Xeramic Castor Evolution 2T, Redline 2T, Motul 2T, Elf HTX909 @ 8 oz/gallon

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 15 years old before December 12, 2021

*Engines according to [2021 USPKS Tech Manual with Updates](#)

All IAME classes will have a 1 race grace period (May 16th, 2021) for differences between USPKS (current engine rules) and WKA (previous engine rules). USPKS rules will be fully enforced beginning with the June 13, 2021 race.

LO206 Cadet:

DRIVER AGE: 7-12 Years Old

ENGINES / WEIGHTS:

250 - Briggs & Stratton LO206 w/ Green Slide

FUEL: Sunoco 90 non-ethanol from AMR Motorplex

TIRE: MG SH "Red" 4.60 Front and 4.60 Rear (Spec 130mm Rear Wheels)

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMSOIL

SPEC GEAR: 15/54 **OR 12/43**

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 7 years old before December 12, 2021

*Engine according to [2021 Briggs & Stratton Official Rulebook](#)

LO206 Junior:

DRIVER AGE: 12-15 Years Old

ENGINES / WEIGHTS:

310 - Briggs & Stratton LO206 w/ Yellow Slide

FUEL: Sunoco 90 non-ethanol from AMR Motorplex

TIRE: MG SH "Red" 4.60 Front and 6.00 Rear (Spec 180mm Rear Wheels)

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMSOIL

SPEC GEAR: 15/54

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 12 years old before December 12, 2021

*Engine according to [2021 Briggs & Stratton Official Rulebook](#)

LO206 Senior:

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

350 - Briggs & Stratton LO206

FUEL: Sunoco 90 non-ethanol from AMR Motorplex

TIRE: MG SH "Red" 4.60 Front and 6.00 Rear (Spec 180mm Rear Wheels)

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMSOIL

SPEC GEAR: 15/54 **OR** 15/53

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 15 years old before December 12, 2021

*Engine according to [2021 Briggs & Stratton Official Rulebook](#)

LO206 Heavy:

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

390 - Briggs & Stratton LO206

FUEL: Sunoco 90 non-ethanol from AMR Motorplex

TIRE: MG SH "Red" 4.60 Front and 6.00 Rear (Spec 180mm Rear Wheels)

SPEC OILS: Briggs 4T Synthetic Racing Oil by AMSOIL

SPEC GEAR: 15/55 **OR** 15/56

*Rain hoods allowed in race director declared wet weather conditions only

*Must turn 15 years old before December 12, 2021

*Engine according to [2021 Briggs & Stratton Official Rulebook](#)