



# 2024 Karting Challenge

## Official Class Structure

V3 Last Updated: 4/20/2024

### 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 (no all-metal rear bumpers of any type permitted). "Push-back" front bumpers are NOT 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 USPKS Rule Book for procedural, chassis, and engine specifications. **Spec fuel is required in all classes. Tampering with fuel shall result in severe penalties up to and including lifetime suspension.** 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. **WT, SW, or SW2 permitted.**
- Competitors found prepping tires will receive a minimum 1 year ban from competition.

### Classes:

LO206 Cadet	IAME Micro Swift	IAME Bambino*
LO206 Junior	IAME Mini Swift	IAME KA100 Junior
LO206 Senior	IAME X30 Junior	IAME KA100 Senior
LO206 Heavy	IAME X30 Senior	IAME KA100 Master

### Race Dates:

March 24	April 14
May 26	June 23
July 21	August 18
September 22	October 20
December 8	

\* IAME Bambino will race Saturday immediately preceding Sunday race dates

### **Competition Age:**

Unless otherwise stated, a competitor's age for the 2024 race season will be determined by that competitor's age on December 8, 2024. Competitors whose age on December 8, 2024 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 SH2** 4.60 front and rear w/ 33 3/8" max. circumference

SPEC OILS: **Elf HTX909 @ 7 oz/gallon (1 liter to 5 gallons)**

\*Must turn 5 years old before competing in a race

\*Engines according to [AMR Motorplex Bambino Supplemental Rules](#)

\*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

ENGINES / WEIGHTS:

225 - IAME Mini Swift w/ restricted exhaust header (see USPKS Rules Section 504)

FUEL: VP MS98 from AMR Motorplex

TIRE: **MG SH2** 4.60 front and rear

SPEC OIL: **Elf HTX909 @ 7 oz/gallon (1 liter to 5 gallons)**

AIRBOX: Stock IAME airbox

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

\*Must turn 7 years old before December 8, 2024

\*Engines according to **2024** USPKS Tech Manual

### **IAME Mini Swift:**

DRIVER AGE: 8-12 Years Old

CHASSIS: Cadet

ENGINES / WEIGHTS:

245 - IAME Mini Swift

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SH2 4.60 front and rear

SPEC OIL: Elf HTX909 @ 7 oz/gallon (1 liter to 5 gallons)

AIRBOX: Stock IAME airbox

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

\*Must turn 8 years old before December 8, 2024

\*Engines according to 2024 USPKS Tech Manual

### **IAME X30 Junior:**

DRIVER AGE: 12-15 Years Old

ENGINES / WEIGHTS:

320 - IAME X30 w/ 2021 Pipe, ignition, and 22.7mm restricted header

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SH2 4.60 front and 7.10 rear

SPEC OIL: Elf HTX909 @ 7 oz/gallon (1 liter to 5 gallons)

AIRBOX: Stock IAME (2021) airbox

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

\*Must turn 12 years old before December 8, 2024

\* Engines according to 2024 USPKS Tech Manual

### **IAME X30 Senior:**

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

360 - IAME X30 w/ 2021 pipe, header, & ignition

FUEL: VP MS98 from AMR Motorplex

TIRE: MG SM2 4.60 front and 7.10 rear (SM Compound permitted through 6/30/2024)

SPEC OIL: Elf HTX909 @ 7 oz/gallon (1 liter to 5 gallons)

AIRBOX: Stock IAME (2021) airbox

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

\*Must turn 15 years old before December 8, 2024

\* Engines according to 2024 USPKS Tech Manual

### **IAME KA100 Junior:**

DRIVER AGE: 12-15

CHASSIS: Standard

ENGINES / WEIGHTS:

320 – IAME KA100

FUEL: VP MS98 from AMR Motorplex

EXHAUST: IAME KA100 pipe with 22mm header (IAME part # IAH-02011)

TIRE: MG SH2 4.60 front/ 7.10 rear

SPEC OIL: Elf HTX909 @ 7 oz/gallon (1 liter to 5 gallons)

AIRBOX: Stock IAME airbox

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

\*Must turn 12 years old before December 8, 2024

\*Engines according to 2024 USPKS Tech Manual

### **IAME KA100 Senior:**

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

360 – IAME KA100

FUEL: VP MS98 from AMR Motorplex

EXHAUST: IAME KA100 pipe with header (IAME part # IAH-02000)

TIRE: MG SH2 4.60 front/ 7.10 rear

SPEC OIL: Elf HTX909 @ 7 oz/gallon (1 liter to 5 gallons)

AIRBOX: Stock IAME airbox

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

\*Must turn 15 years old before December 8, 2024

\*Engines according to 2024 USPKS Tech Manual

### **IAME KA100 Master:**

DRIVER AGE: 30+ Years Old OR 18+ Years Old and 200# minimum driver weight w/gear

ENGINES / WEIGHTS:

390 – IAME KA100

FUEL: VP MS98 from AMR Motorplex

EXHAUST: IAME KA100 pipe with header (IAME part # IAH-02000)

TIRE: MG SH2 4.60 front/ 7.10 rear

SPEC OIL: Elf HTX909 @ 7 oz/gallon (1 liter to 5 gallons)

AIRBOX: Stock IAME airbox

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

\*Must turn 30 OR 18 years old before December 8, 2024

\*Engines according to 2024 USPKS Tech Manual

### **LO206 Cadet:**

DRIVER AGE: 7-12 Years Old

ENGINES / WEIGHTS:

250 - Briggs & Stratton LO206 w/ **Red** Slide (Briggs PN: 555733)

FUEL: Sunoco 90 non-ethanol from AMR Motorplex

TIRE: **MG SH2** "Red" 4.60 Front and 4.60 Rear (Spec 130mm Rear Wheels)

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMSOIL

SPEC GEAR: **OPEN – Must use #35 Chain & Sprocket**

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

\*Must turn 7 years old before December 8, 2024

\*Engine according to [2024 Briggs & Stratton Official Rulebook](#)

### **LO206 Junior:**

DRIVER AGE: 12-15 Years Old

ENGINES / WEIGHTS:

310 - Briggs & Stratton LO206 w/ Yellow Slide (Briggs PN: 555741)

FUEL: Sunoco 90 non-ethanol from AMR Motorplex

TIRE: **MG SH2** "Red" 4.60 Front and 6.00 **OR 7.10 Rear (216mm rear wheel max width)**

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMSOIL

SPEC GEAR: **OPEN – Must use #35 Chain & Sprocket**

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

\*Must turn 12 years old before December 8, 2024

\*Engine according to [2024 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 SH2** "Red" 4.6 Front and 6.00 **OR 7.10 Rear (216mm rear wheel max width)**

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMSOIL

SPEC GEAR: **OPEN – Must use #35 Chain & Sprocket**

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

\*Must turn 15 years old before December 8, 2024

\*Engine according to [2024 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 SH2** "Red" 4.6 Front and 6.00 **OR 7.10 Rear (216mm rear wheel max width)**

SPEC OILS: Briggs 4T Synthetic Racing Oil by AMSOIL

SPEC GEAR: **OPEN – Must use #35 Chain & Sprocket**

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

\*Must turn 15 years old before December 8, 2024

\*Engine according to [2024 Briggs & Stratton Official Rulebook](#)