

Class Rules 2024 v1.0

2024 ARP LOCAL SERIES

Tentative Class Structure – **Effective 01/03/2024**

Chassis and Bodywork per CIK. CIK "style" bodywork only, no "full coverage" front or side bodywork.

4 cycle classes must conform to a traditional sprint setup with no lay-down seats.

CIK full coverage plastic rear protection system is required, metal hoop bumpers may be allowed at promoter's discretion.

All rules including TaG class weights are subject to change at promoter's discretion.

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 (unless specified otherwise).

Chest Protectors are MANDATORY for all drivers in Junior classes and younger

Unless noted, ARP may be following the USPKS Rule Book for procedural, chassis, and engine specifications.

Competition Age: Unless otherwise stated, a competitor's age for the 2024 race season will be determined by that competitor's age on December 31st, 2024. Competitors whose age on December 31, 2023 does not meet the class minimum MUST either present proof of a waiver from another major series (i.e., WKA, USPKS, SKUSA, or SSKC) or request, in writing, a waiver from ARP. If a waiver is requested from ARP, the competitor's racing resume and history with ARP 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.

Classes:

1. Kid Kart
2. Tag Micro
3. Tag Mini
4. Tag Junior
5. KA100Junior
6. KA100 Senior
7. Tag Senior
8. Open Shifter
9. LO206 Cadet
10. LO206 Junior
11. LO206 Senior
12. LO206 Heavy
13. Tillotson T-225 RS Junior
14. Tillotson T-225 RS Senior
15. Tillotson T-225 RS Masters

All 2-stroke classes must run ARP C12 Fuel and Elf HTX 909 at 7oz/gallon with the exception of Kid Kart who may use pump gas w/Elf HTX 909 at 7oz/gallon.

LO206 Senior

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

350 - Briggs & Stratton LO206

FUEL: VP93 from ARP non-ethanol

TIRE: MG SH "Red" 4.6 Front and 6.00 Rear (Spec 180mm or 210mm Rear Wheels) One set of tires per raceday

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMS OR Motul 300V 0w20

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

*Must turn 15 years old before December 31st, 2024

*Engine according to 2023 Briggs & Stratton Official Rulebook

TaG Micro

Age: 7 – 10 years old

Minimum Weight: IAME 225 lbs. / ROK 230 lbs.

Engine: IAME Swift 60cc TAG Engine

Fuel: ARP C12 Fuel and Elf HTX 909 at 7oz/gallon

Carburetor: Tillotson HW-31A Exhaust: IAME OEM Swift 16mm (No-Go) Restricted Header & Pipe

Tires: Slicks MG “SH” Red CIKF/Z Option 4.60 Fronts & Rears
Rains MG “WT” or “SW” 4.20 Fronts & Rears

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

*Must turn 7 years old before December 31st, 2024

*No spec gear for Rok or IAME

*No spec jet for Rok

*Engines according to respective rulebooks (USPKS for IAME, Rok Cup USA for Rok)

TaG Mini:

Age: 8 – 12 years old

Minimum Weight: 245 lbs.

Engine: IAME Swift 60cc TAG Engine

Fuel: ARP C12 Fuel and Elf HTX 909 at 7oz/gallon

Carburetor: Tillotson HW-31A

Exhaust: IAME OEM Swift Header & Pipe

Tires: Slicks MG “SH” Red CIKF/Z Option 4.60 Fronts & Rears
Rains MG “WT” or “SW” 4.20 Fronts & Rears

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

*Must turn 8 years old before December 31st, 2024

*Engines according to respective rulebooks (USPKS for IAME, Rok Cup USA for Rok)

KA100 Junior:

Age: Jr 12 – 15 years old.

Minimum Weight: 320 lbs.

Engine: IAME KA100

Fuel: ARP C12 Fuel and Elf HTX 909 at 7oz/gallon

Carburetor: HW-33A Exhaust: IAME OEM KA100 22mm (No-Go)
Restricted Header & Pipe (Jr)

Tires: Slicks MG “SH” Red CIKF/Z Option 4.60 Fronts & 7.10
Rears Rains MG “WT” or “SW” 4.20 Fronts & 6.00 Rears

*Rain hoods allowed in wet weather conditions only

*Must turn 12 years old before December 31st, 2023

*Engines according to respective rulebooks (USPKS IAME)

KA100 Senior:

Age: 15+ years old

Minimum Weight: 360 lbs.

Engine: IAME KA100

Fuel: ARP C12 Fuel and Elf HTX 909 at 7oz/gallon

Carburetor: HW-33A Exhaust: IAME OEM KA100 22mm (No-Go)

IAME OEM KA100 Header & Pipe

Tires: Slicks MG "SH" Red CIKF/Z Option 4.60 Fronts & 7.10

Rears Rains MG "WT" or "SW" 4.20 Fronts & 6.00 Rears

*Rain hoods allowed in wet weather conditions only

*Must turn 15 years old before December 31st, 2024

*Engines according to respective rulebooks (USPKS IAME)

Tag Junior:

Age: 12 – 15 years old

Minimum Weight: IAME - 320 lbs. Rok -335 lbs.

Engine: IAME X30/Rok GP w/ Restrictor

Fuel: ARP C12 Fuel and Elf HTX 909 at 7oz/gallon

Carburetor: Tillotson HW-27A Exhaust: IAME OEM X30 D22.7

Restricted Header & Pipe

Tires: Slicks MG "SH" Red CIKF/Z Option 4.60 Fronts & 7.10

Rears Rains MG "WT" or "SW" 4.20 Fronts & 6.00 Rears

*Rain hoods allowed in wet weather conditions only

*Must turn 12 years old before December 31st, 2024

*Engines according to respective rulebooks (USPKS IAME/Rok Cup USA for Rok)

TaG Senior

DRIVER AGE: 15+ Years Old
ENGINES / WEIGHTS:

365 - IAME X30

380 - Vortex Rok GP

Fuel: ARP C12 Fuel and Elf HTX 909 at 7oz/gallon

TIRE: MG SM 4.60 front and 7.10 rear – One set of tires per race day

AIRBOX: Stock IAME or Rok airbox with according engine

No minimum flex length for IAME X30

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

*Must turn 15 years old before December 31st, 2024

*Engines according to respective rulebooks (USPKS for IAME, 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

410 - Vortex Rok GP

Fuel: ARP C12 Fuel and Elf HTX 909 at 7oz/gallon

TIRE: MG SM 4.60 front and 7.10 rear- One set of tires per race day

AIRBOX: Stock IAME or Rok airbox with according engine

No minimum flex length for IAME X30

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

*Must turn 32 years old before December 31st, 2023

*Engines according to respective rulebooks (USPKS for IAME, Rok Cup USA for Rok)

Shifter Senior:

DRIVER AGE: 15+ Years Old ENGINES / WEIGHTS:

370 - Stock Honda CR125

385 - Vortex Rok Shifter

390 – KZ (Max Displacement 175cc)
390 - IAME 175cc Super Shifter

Fuel: ARP C12 Fuel and Elf HTX 909 at 7oz/gallon

Tires: MG Slicks MG “SM” Yellow CIKF/Z Prime 4.60 Fronts/ 7.10
Rears Rains MG “WT” or “SW” 4.20 Fronts & 6.00 Rears

AIRBOX: Open Airbox but airbox required

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

*Must turn 15 years old before December 31st, 2024

*Engines according to respective rulebooks (USPKS for Iame/KZ,
Rok Cup USA for Rok)

LO206 Junior:

DRIVER AGE: 12-15 Years Old

ENGINES / WEIGHTS:

300 - Briggs & Stratton LO206 w/ Yellow Slide

FUEL: VP 93 non-ethanol from ARP

TIRE: MG SH “Red” 4.50 Front and 6.00 Rear (180mm or 210mm
Rear Wheels)

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMS or Motul 300V
0w20

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

*Must turn 12 years old before December 31st, 2024

*Engine according to [2023 Briggs & Stratton Official Rulebook](#)

LO206 Heavy

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

390 - Briggs & Stratton LO206

FUEL: VP 93 from ARP non-ethanol

TIRE: MG SH "Red" 4.6 Front and 6.00 Rear (Spec 180mm or 210mm Rear Wheels) One set of tires per weekend

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMS or Motul 300V

0w20 *Rain hoods allowed in race director declared wet weather conditions only

*Must turn 15 years old before December 31st, 2024

*Engine according to 2023 Briggs & Stratton Official Rulebook

LO206 Cadet

DRIVER AGE: 8-12 Years Old

ENGINES / WEIGHTS:

265 - Briggs & Stratton LO206 w/ Green Slide

FUEL: VP 93 from ARP non-ethanol

TIRE: MG SH "Red" 4.6 Front & Rear (Spec 180mm or 210mm Rear Wheels) One set of tires per weekend

SPEC OIL: Briggs 4T Synthetic Racing Oil by AMS or Motul 300V 0w20 *Rain hoods allowed in race director declared wet weather conditions only

*Must turn 8 years old before December 31st, 2024

*Engine according to 2023 Briggs & Stratton Official Rulebook

Kid Kart:

DRIVER AGE: 5-8 Years Old

CHASSIS: Kid/Baby

ENGINES / WEIGHTS:

Comer C50/C51/C52 - 150 lbs

FUEL: 87 Octane Pump Gas from Circle K
9700 US-41, Palmetto, FL 34221

Spark Plug - NGK only

TIRE: MG SH 4.60 front and rear (May use any Wet Tire when driver option is declared by Race Director)

30psi/33 3/8 in. max circumference tire diameter

Spec Gear Ratio - 10/89 with 219 chain

*Rain hoods allowed in race director declared wet weather conditions only *Competitor must be 5 years old at time of Competing

*Engines according to Route 66 Kid Kart Specifications

Tillotson Engine Claim (New for 2024)

Claiming:

- Tillotson: Any competitor may claim one engine entered in the event (one engine per year per entrant) subject to the following conditions:
- A claimant must be entered in the race and have participated in at least two events in the class during the calendar year. For the first race of the year, participation in the last race of the previous year will meet this requirement.
- Claimed engine must have cleared Technical Inspection for the event. It is not implied or a guarantee the claimed engine is legal or will pass future technical inspections - "let the buyer beware" engines are claimed as is.
- Claimant must provide certified funds or cash in the amount of \$1000.
- The claimed engine will be delivered to a Tillotson Representative and be supervised by the Series Director, Tech Director, and/or Race Director at the End of the Event. The Tillotson Representative will provide a new engine to the owner/driver of the claimed engine.
- Claimed engine will be complete, less engine mount. Parts include: engine and clutch, carburetor, air filter, exhaust system, and electrical system.
- Failure to deliver the claimed engine will result in Disqualification of that event, forfeiture of all points/awards for the series, and may result in suspension.
- A Tillotson representative may claim engines as well. Their claim will take precedence over all others. The same parties reserve the right to reject any claim submitted. Such a claim will present the

owner of the engine a complete new engine package with all components described above.

Tillotson T225RS SR -

DRIVER AGE: 15+ Years Old

ENGINES / WEIGHTS:

350 – T225 RS SR, 37mm carb slide

CLUTCH: Noram 4000 series, Hilliard Flame

FUEL: VP93 from ARP non-ethanol

TIRE: MG SH “Red” 4.6 Front and 6.00 Rear (180mm or 210mm Rear Wheels) One set of tires per weekend

SPEC OIL: Tillotson Xeramic T4 Racing Oil

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

*Must turn 15 years old before December 31st, 2024

*Engine according to 2023 Tillotson Engine Fiche

Tillotson T-225RS Masters -

DRIVER AGE: 35+ Years Old

ENGINES / WEIGHTS:

380– T225 RS, 3mm carb slide

CLUTCH: Noram 4000 series or Hilliard Flame

FUEL: VP93 from ARP non-ethanol

TIRE: MG SH “Red” 4.6 Front and 6.00 Rear (180mm or 210mm Rear Wheels) One set of tires per weekend

SPEC OIL: Tillotson Xeramic T4 Racing Oil

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

*Must turn 35 years old before December 31st, 2024

*Engine according to 2023 Tillotson Engine Fiche

Tillotson T-225RS JR -

DRIVER AGE: 12-15 Years Old

ENGINES / WEIGHTS:

305 lbs– T225 RS (Junior Carb Slide 49mm & Mandatory 105 Jet)

CLUTCH: Noram 4000 series or Hilliard Flame

FUEL: VP93 from ARP non-ethanol

TIRE: MG SH “Red” 4.6 Front and 6.00 Rear (180mm or 210mm Rear Wheels) One set of tires per weekend

SPEC OIL: Tillotson Xeramic T4 Racing Oil

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

*Must turn 12 years old before December 31st, 2024

*Engine according to 2023 Tillotson Engine Fiche