

## Announcing the 2025 Arizona Champ Kart Rules Version 2.0 - March 3, 2025

Summary: Version 2.0 is intended to merge the old rules from 2023 with the expanded rules introduced late in 2024. The chassis will remain as a non-wing cage kart with smaller versions for kids. The engines will vary depending on the class, from sealed with restrictors to the 2023 Version engine rules. The tires will be any dirt racing treaded tires on 6" diameter rims for all classes.

### Classes:

#### Beginner 5-10 year olds

- Chassis
  - Baby blues or Jr sportsman champ chassis
  - Outlaw style karts with "floating" cages and wings removed
- Min weight 250 lbs
- Engine:
  - 6.5hp 212cc Predator Stock engine with Red Restrictor
  - Briggs LO206 Jr with Carb Lock, 4100 RPM Rev Limiter, Black Slide
  - GX50, Comer, IAME... email [info@adobemountainspeedway.com](mailto:info@adobemountainspeedway.com) for details
- 87 Octane Pump Gas, no additives
- Treaded Dirt Racing Tires only 6" Rim
- Final drive ratio and Tire circumference rule TBD

#### Intermediate 6-13 year olds

- Jr/Sr sportsman champ chassis
- Min weight 300 lbs
- 2023 Champ Kart rules 212 Predator Motor w/Bullet Flywheel
- Engine Restrictor TBD
- Pump gas 91 octane or less, no additives
- Treaded Dirt Racing Tires only 6" Rim

#### Sealed Champ 14 year olds and Up

- Sr sportsman champ chassis
- Min weight 400 lbs
- Kart Werks Sealed 212 Predator Motor
- 87 Octane Pump Gas, no additives
- Treaded Dirt Racing Tires only 6" Rim

#### Classic Champ 14 year olds and Up

- Sr sportsman champ chassis
- Min weight 400 lbs
- 2023 Champ Kart rules 212 Predator Motor w/Bullet Flywheel
- Pump gas 91 octane or less, no additives
- Treaded Dirt Racing Tires only 6" Rim

Age waivers may be issued by certain tracks, check with officials

Additional engine restrictions may be placed on Intermediate Karts depending on track rules

Race Receivers and Transponders may be required depending on the track

Also, Jeremy Huebner and myself (Jim Willittes) have decided to Co-Chair the group until we can find someone to take over. During this time, we'll work together to make sure the classes work at all the intended tracks here in and around Arizona. There maybe be additional rules for certain tracks in the Jr Classes.

## Tech / General Rules

### General-

- All Karts will be equipped with functional roll cages constructed of suitable material, craftsmanship and design (no soldering or brazing)
- All karts must display a number on the nose and both side panels of the kart. Numbers must be minimum 6 inches tall. An additional number plate will be run on the right side of the kart on the upper bar of the roll cage. Numbers must be color contrasting to kart color for score keeping visibility
- New drivers will be required to run a yellow flag to the rear or yellow rear bumper for their first 18 races

### General Engine Rules:

- NO welding or epoxy allowed on the engine at all
- Low oil-sensor may be removed/plugged
- Cylinder head must be OEM predator type casting
- Block and head shaving/milling allowed
- Intake and exhaust porting and polishing allowed
- **Billet aluminum flywheel Mandatory**
- Billet aluminum piston connecting rod recommended
- All connecting rods must be factory length (3.308 in)
- Stock crank keyway ONLY
- Starter (pull string) May be rotated for better cranking angle. Higher quality pull cord allowed
- Electric Starters are allowed
- 212 Predator engines only. Hemi/non-Hemi part numbers acceptable (No Ghosts)
- Engine ran in heat must be ran in the main event for that race or must be tagged by track officials
- OEM STOCK PARTS ONLY for the following - Piston, rings, push rods, crankshaft, block side cover, valve cover (no valve cover spacers/risers allowed) and ignition coil

### Valve Train:

- 1:1 ratio - stock, roller rocker and champion style rocker arms allowed
- Valves - maximum 27mm intake, 25mm exhaust
- MAXIMUM 22lb valve springs allowed

### Camshaft:

- Aftermarket camshafts allowed
- Maximum .225 intake lift and .231 exhaust lift

### Carburetor:

- Stock appearing carburetors allowed, predator or clone body only
- No tech on jets or bore
- No welding or epoxy allowed

### Tires:

- 6-inch wheels only
- No Tire prep is allowed
- All manufacturers permitted

### Clutch:

- Centrifugal disc racing style clutches allowed
- Drum style clutches allowed

### Fuel:

- Maximum 91 octane pump gas only
- NO additives allowed
- Pulse style fuel pumps allowed

#### Safety:

- The following connections must use a nyloc/self-locking type nut, safety wired/pinned/clipped and or jam nutted during all official sessions:
- Racing style 5-point harness (seat belt) mandatory.
- Pedals (brake and throttle)
- All brake rods
- Master cylinder to frame
- Calipers to frame
- Steering shaft to frame
- Tie Rods
- Steering hub to steering shaft
- Steering wheel to steering hub
- Mufflers are mandatory and must be safety wired to prevent falling onto track
- Lead weights must be bolted to kart with double nuts and safety pins, min 5/16 bolt any weight over 7lbs must have two bolts with double nuts and safety pin
- Lead weights must be painted white with kart number displayed
- See track officials for further explanation and required safety items

#### Driver Safety:

- Full-face racing style helmets are mandatory
- A racing type helmet support or neck brace are mandatory
- A fire-resistant racing style jacket, optional full race suit, or karting style abrasion resistant jackets are mandatory
- Gloves and arm/wrist restraints are mandatory

#### Points System:

- The points system is based on the finishing order of the main event.
- 1st - 200 2nd - 190 3rd - 180 4th - 170 5th - 160 6th through last place - 150
- Each race, an additional 1 point will be added per registered kart
- Example: 8 karts register to race, 1st 208 - 2nd 198 - 3rd 188 and so on
- Double point nights will be posted on the seasons schedule
- Points make up days will be posted on the seasons schedule
- Drivers registered to race that do not enter or are not able to finish the main event will be awarded last place points

#### “Leader Runs The High Line”

- AZ Champ Kart officials reserve the right to determine if the “Leader Runs The High Line” rule is in effect at any and all events without prior notice
- This rule will be briefed at the drivers meeting if it is to be implemented for each race
- “Leader Runs The High Line” is defined as: When a kart assumes the lead, the driver will take the higher line in the next turn and continue to run this line until they are overtaken, the new leader will then assume control and may only run the high line until overtaken

#### Payout System:

- Pill draw cost will vary by the number of karts present and or event type (min \$5)
- AZ Champ Kart officials will determine the payouts for each race based on kart count and season points winners all based on total funds donated
- All karts will be required to run 75% of races for the season and series sponsor decals must be displayed in order to receive top 5

payout for the season's points standings

IF YOU ARE CHOSEN FOR TECH BY TRACK OFFICIALS, PLEASE DO SO WITHOUT CONFRONTATION. KARTS ARE TO BE DIRECTLY TAKEN TO DESIGNATED TECH AREA WHERE THERE WILL BE A TRACK OFFICIAL TO WATCH YOUR EQUIPMENT. NO WORK WILL BE DONE AT THIS TIME. WHEN DIRECTED BY TRACK OFFICIALS, ENGINES OIL WILL BE DRAINED AND THE ENGINE MAY BE REMOVED FROM THE KART. PROPER TECH WILL RESUME FROM THIS POINT. DRIVER/OWNER OF KART AND TECH OFFICIAL ONLY PERMITTED IN TECH AREA DURING TECH SESSIONS. IT IS NOT THE RESPONSIBILITY OF TECH INSPECTOR TO REASSEMBLE YOUR ENGINE POST TECH. IF YOU ARE DEEMED ILLEGAL YOU WILL BE GIVEN UNTIL THE NEXT RACE TO CORRECT ANY ILLEGAL FINDINGS

FIRST OFFENSE - FORFEIT YOUR FINISH AND POINTS FOR THE DAY

SECOND OFFENSE - FORFEITS FINISH AND POINTS, IN ADDITION DRIVER WILL NOT BE PERMITTED TO RACE NEXT SCHEDULED POINTS RACE

THIRD OFFENSE - TO BE DETERMINED BY PROMOTERS

PROTEST FEE \$250

\$25.00 - TO DRIVER FOR GASKET REPLACEMENT \$225.00 -

WINNER OF PROTEST

IN ORDER TO PROTEST YOU MUST BE A LEAGUE MEMBER AND COMPLETED ONE GREEN FLAG LAP IN THAT DAYS MAIN EVENT

AZ Champ Kart League reserves the right to amend by addition or deletion to the rules at any time. Members will be notified via postings to the AZ Champ Kart Facebook page at least 30 days prior to implementation of said addition rules.