

GO KART RULES

SPORTSMANSHIP

Unsportsmanlike conduct will not be tolerated.

Rough driving will not be tolerated. Anyone called for rough driving will be sent to the pits. Two (2) offenses in the same night will result in disqualification for that night.

Any conduct, by children, kart owners, parents, pit crews, etc., towards another child, parent, pit crew, etc, deem inappropriate will be disqualified for that race night and/or for the remainder of the season. This includes going to another competitor's pit area. If a situation arises, notify an official immediately and let them handle it.

Any conduct by children, kart owners, parents, pit crews, etc., deemed inappropriate towards any racing official will be barred from the premises for the remainder of the season and will forfeit all points, trophies, etc. Any discussion with any official must be in a normal voice and manner.

Refusal to have Kart inspected will result in loss of points for the entire race season and a one (1) week suspension.

RACECEIVER

- All Kart drivers must have a working Raceceiver by the June 23rd 2023 event!

CLASSIFICATION

Age groups:

- Youth Division– Minimum weight 265lbs – Red Restrictor Plate
- Intermediate Division - Minimum weight 275lbs – Green Restrictor Plate
- Junior Division – Minimum weight 290lbs – Blue Restrictor Plate
- Senior Division – Minimum weight 320lbs – no restrictor plate
- Predator Division –Minimum weight is 375 lbs
- Open Predator Division – No Minimum weight
- Heavy Predator Division – Minimum weight 420 lbs
- Open Flat Karts Minimum weight 375 lbs

SAFETY REQUIREMENTS

In General

Youth, Intermediate, Junior, Senior, karts must have at minimum, a 4-Point safety belt bolted to the frame.

All Karts must have a kill switch in reach of the driver.

All weights must be securely mounted to the frame with kart number on weight.

Roll bar padding is highly recommended.

Markings

All Karts must have legible numbers, of at least six (6) inches in height

Drivers

All drivers must wear an approved full-face safety helmet with complete eye protection.

All Drivers must wear long sleeves and pants at a minimum, but driver suit is recommended.

Neck brace is recommended

Arm restraints are required for karts with roll cages

Long hair must be restrained.

Brakes – THIS IS A DQ ITEM – MUST HAVE WORKING BRAKES – KART MUST STOP

- Must have (2) rear wheel brakes.
- Brakes must be in good working order.
- Must have guard in place over brake rotor.
- No front Brakes allowed.

Engine

Only the Predator 6.5 HP (212 cc) HORIZONTAL SHAFT OVERHEAD VALVE GAS ENGINE IS ALLOWED! The Hemi or non-Hemi are both allowed

- Any exhaust is allowed, must have flanged end.
- The Governor may be disconnected.
- The air cleaner can be replaced with any style of air cleaner.
- Carb may not be modified other than the jets. If motor swap is enforced jets stay with the carb.

Cam Timing

- With degree wheel at perfect TDC
- Cam timing will be checked at the end of the intake push rod when the push rod lifts .050
- The wheel must read between 6 to 12 degrees for Hemi and between 10 and 15 degrees for non-hemi.

Ignition Timing

- With Degree wheel at perfect TDC
- Ignition timing will be checked by aligning leading edge of magnet with trailing edge of coil
- Degree wheel reading must not exceed 16 degrees
- Offset flywheel key may be used to advance or retard timing to not exceed 16 degrees maximum.

Fly Wheel

- Minimum weight is 5lbs – 0 ounces no exceptions.
- Flywheel must be stock-unaltered, no modifying or lightening of any kind.

Valves

- Stock valve and valve seat angles only.
- Valve Spring - Maximum 10.8 pounds at .850 height no shimming
- 18 pounds max at .650 height

No taping of recoil or blower housing allowed.
No mixing of parts between models.

Carb may not be modified other than the jets.

****SP, Rui*ing, and Huayi Carbs only no other carbs allowed! Must remain stock!**

Maximum main jet size 0.40 no exceptions.

- Youth Division – Red Restrictor Plate
- Intermediate Division – Green Restrictor Plate
- Junior Division – Blue Restrictor Plate
- Senior Division - no restrictor plate

YOUTH / INTERMEDIATE / JUNIOR / SENIOR DIVISION KART RULES

Frames

Any production & Custom frame allowed.
Must be made of steel. No aluminum or titanium.
Champ karts ok. No suspension karts.

Body

Bodies are optional.
Fiberglass, Aluminum or steel bodies.
Feet must be protected with nose cone or tubing.

Suspension

No Suspension allowed.

Bumpers and Nerf Bars - Mandatory

Front and rear bumpers are required.
We recommend bumpers to be the full width of the front and rear tires.
Nerf bars are of max 1" O.D. tubing are required and may not extend past the outside of tires.
Bumpers and nerf bars must have rounded ends.
No sharp edges.

Roll Cages

A roll cage is required
Cage must be constructed of quality material in a safe manner.
Cage must be securely mounted to the frame.

Wheels

Any steel or aluminum wheels allowed.
Wheel spacers between the wheel and HUB are not allowed.

Tires

Turf -type Tires only - Maximum turf tire size 13/6.50-6 Must use the Deestone, Carlisle or Turf Saver Brand tires. Any other Turf type tire must be track approved prior to racing.
No after-market racing tires are allowed. No sipping, grooving, or softening allowed.

Fuel

Gasoline only.
No methanol and No E85.
Aftermarket fuel tanks are allowed.

Drive train

Must be live axle type
Must be chain driven
Chain guard must be in place between chain and driver

Clutches

Shoe type clutches allowed no disk type clutches.

Weight Rule

Youth Division – Minimum weight 265lbs
Intermediate Division – Minimum weight 275lbs
Junior Division – Minimum weight 290lbs
Senior Division – Minimum weight 320lbs

Any exhaust is allowed, must have flanged end.
The Governor may be disconnected.
The air cleaner can be replaced with any style of air cleaner.

Cam Timing

- With degree wheel at perfect TDC
- Cam timing will be checked at the end of the intake push rod when the push rod lifts .050
- The wheel must read between 6 to 12 degrees for Hemi and between 10 and 15 degrees for non-hemi.

Ignition Timing

- With Degree wheel at perfect TDC
- Ignition timing will be checked by aligning leading edge of magnet with trailing edge of coil
- Degree wheel reading must not exceed 16 degrees
- Offset flywheel key may be used to advance or retard timing to not exceed 16 degrees maximum.

Fly Wheel

- Minimum weight is 5lbs – 0 ounces no exceptions.
- Flywheel must be stock-unaltered, no modifying or lightening of any kind.

Valves

- Stock valve and valve seat angles only.
- Valve Spring - Maximum 10.8 pounds at .850 height no shimming
- 18 pounds max at .650 height

No taping of recoil or blower housing allowed.
No mixing of parts between models.

Carb may not be modified other than the jets.

****SP, Rui*ing, and Huavi Carbs only no other carbs allowed!**

Restrictor Plate requirements

no restrictor plate

Open Predator Rules

Frames

Any production & Custom frame allowed.
Must be made of steel. No aluminum or titanium.
Champ karts ok. No suspension karts.

Body

Bodies are optional.
Fiberglass, Aluminum or steel bodies.
Feet must be protected with nose cone or tubing.

Suspension

No Suspension allowed.

Bumpers and Nerf Bars - Mandatory

Front and rear bumpers are required.
Full width rear bumpers are recommended. Front of kart should have a full width bumper or a body panel that covers the front end including the wheels.
Nerf bars are of max 1" O.D. tubing are required and may not extend past the outside of tires.
Bumpers and nerf bars must have rounded ends.
No sharp edges.

Roll Cages

No roll cages allowed.

Predator and Heavy Predator Kart Rules

Frames

Any production & Custom frame allowed.
Must be made of steel. No aluminum or titanium.
Champ karts ok. No suspension karts.

Body

Bodies are optional.
Fiberglass, Aluminum or steel bodies.
Feet must be protected with nose cone or tubing.

Suspension

No Suspension allowed.

Bumpers and Nerf Bars - Mandatory

Front and rear bumpers are required.
Full width rear bumpers are recommended. Front of kart should have a full width bumper or a body panel that covers the front end including the wheels.
Nerf bars are of max 1" O.D. tubing are required and may not extend past the outside of tires.
Bumpers and nerf bars must have rounded ends.
No sharp edges.

Roll Cages

No roll cages allowed.

Wheels

Any steel or aluminum wheels allowed.
Wheel spacers between the wheel and HUB are not allowed.

Tires

Turf -type Tires only - Maximum turf tire size 13/6.50-6 Must use the Deestone, Carlisle or Turf Saver Brand tires.
Any other Turf type tire must be track approved prior to racing.
No Softening of tires – Minimum Durometer reading of 60 (no exceptions)
No after-market racing tires are allowed.

Fuel

Gasoline only.
No Racing Fuel or E85.
Aftermarket fuel tanks are allowed.

Drive train

Must be live axle type
Must be chain driven
Chain guard must be in place between chain and driver

Clutches

Shoe type clutches allowed no disk type clutches.

Weight

Minimum weight for predators is 375lbs and Heavy Predator is 420lbs after the race with driver in kart.

Brakes

Must have (2) rear wheel brakes.
Brakes must be in good working order.
Must have guard in place over brake rotor.
No front Brakes allowed.

Engine

Only the Predator 6.5 HP (212 cc) HORIZONTAL SHAFT OVERHEAD VALVE GAS ENGINE IS ALLOWED! These motors are sold at Harbor Freight. The Hemi or non-Hemi are both allowed.

Wheels

Any steel or aluminum wheels allowed.
Wheel spacers between the wheel and HUB are not allowed.

Tires

Any Racing Tire
Turf-type Tires ok

Fuel

Gasoline only.
No Racing Fuel or E85.
Aftermarket fuel tanks are allowed.

Drive train

Must be live axle type
Must be chain driven
Chain guard must be in place between chain and driver

Clutches

Shoe type clutches allowed no disk type clutches.

Weight

No Minimum weight

Brakes

Must have (2) rear wheel brakes.
Brakes must be in good working order.
Must have guard in place over brake rotor.
No front Brakes allowed.

Engine

Predator or Predator Ghost engines are allowed

Predator Ghost engine must meet all manufacturer specifications.

Predator Engines can run a billet flywheel and any valve springs

Can be started using electric start

no restrictor plate

OPEN FLAT KART RULES –**Frames**

Any production & Custom frame allowed.
Must be made of steel. No aluminum or titanium.
Champ karts ok. No suspension karts.

Body

Full front body covering tires or bumpers that cover tires are required.
Fiberglass, Aluminum or steel bodies
Rear Bumpers are required we recommend full width.

Suspension

No Suspension allowed.

Roll Cages

NO roll cages allowed

Wheels

Any steel or aluminum wheels allowed.
Wheel spacers between the wheel and HUB are not allowed.

Tires Maximum 9" wide tires per what is written on the tire.

Fuel Methanol or racing gas allowed.

Drive train

Must be chain driven

Chain guard must be in place between chain and driver

Clutches

Any clutch allowed.

Weight

Minimum weight is 375 lbs after the race with driver in kart.

Brakes

Must have brakes.

Must have guard in place over brake rotor.

Engine

4 stroke only, 213cc maximum, no fuel injection, no boost, no Gear Boxes, no shifter karts, no Nitrous.

CAGE KART SPEC MOTOR DIVISION RULES

Frames

Any production & Custom frame allowed.

Must be made of steel. No aluminum or titanium.

Champ karts ok. No suspension karts.

Body

Bodies are optional.

Fiberglass, Aluminum or steel bodies.

Feet must be protected with nose cone or tubing.

Suspension

No Suspension allowed.

Bumpers and Nerf Bars

Front and rear bumpers are required.

Nerf bars are of max 1" O.D. tubing are required and may not extend past the outside of tires.

Bumpers and nerf bars must have rounded ends.

No sharp edges.

Roll Cages

A roll cage is required

Cage must be constructed of quality material in a safe manner.

Cage must be securely mounted to the frame.

Wheels

Any steel or aluminum wheels allowed.

Wheel spacers between the wheel and HUB are not allowed.

Engine

Only the Predator 6.5 HP (212 cc) HORIZONTAL SHAFT OVERHEAD VALVE GAS ENGINE IS ALLOWED! These motors are sold at Harbor Freight. The Hemi or non-Hemi are both allowed.

Any exhaust is allowed, must have flanged end.

The Governor may be disconnected / removed.

The air cleaner can be replaced with any style of air cleaner.

Cam

- Hemi – CL3 Non-Hemi – CL3 -PRED

Valve Springs

- Stock Diameter – 22lb max Part number - Hemi and Non-Hemi – DCS-BP

Head Gasket

- Hemi – 212-1312 Non-Hemi – CL1310P

Fly Wheel

- Hemi – DC-PVL-PRED Non-Hemi – DC-PVL-FW
- ARC 6695 & ARC 6696

CARB - Stock or the following part numbers.

- Hemi – CL-1225-BP Non-Hemi – CL-1225 – BP
(This carb is exactly the same as a stock carb and must tech out the same)

Connecting Rod

- Hemi – ARC-6254 Non-Hemi – ARC-6254

Ignition Timing

- Open

Cam Timing

- Open

No other Machining allowed

Oil Return hole in block may be drilled out to ¼"

Stock Conn Rod should be checked for proper oil clearance

No taping of recoil or blower housing allowed.

No mixing of parts between models.

For Questions about the rules call Owen Pittman at 361-548-0669

Tires

Turf -type Tires only - Maximum turf tire size 13/6.50-6
Any other Turf type tire must be track approved prior to racing.
No after-market racing tires are allowed.
No sipping, grooving, or softening allowed.

Fuel

Gasoline only.
No methanol and No E85.
Aftermarket fuel tanks are allowed.

Drive train

Must be live axle type
Must be chain driven
Chain guard must be in place between chain and driver

Clutches

Shoe type clutches allowed no disk type clutches.

Weight Rule

Minimum weight after race with driver 400lbs

Brakes

Must have (2) rear wheel brakes.
Brakes must be in good working order.
Must have guard in place over brake rotor.
No front Brakes allowed.