

## 2023 ECAR Kart Rules

### IF YOU PLAN ON RUNNING FOR POINTS AT SUMMIT RACEWAY

#### YOU MUST:

BE A MEMBER AND FOLLOW ALL RULES

These rules provide a guideline for events. The rule book may be amended from time to time and special rules may be published and/or adjusted at any event. By participating in the events, all participants agree to comply with these rules and regulations.

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirement for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules.

NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATION. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.

The race director/promoter shall be empowered to permit reasonable and appropriate deviation from any of the specification herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATION. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final!

YOU ARE RESPONSIBLE FOR THE SAFETY OF YOU, YOUR PIT CREW, AND YOUR KART!

Rules in the Pit Area

NO pets or bicycles in the pit area. This is for the safety of those on the bike and the pet's safety.

NO alcohol is allowed in the pits! If you are drinking in the pits you will be asked to leave! NO drug use - STRONGLY ENFORCED! Any violators will be banned forever.

Anyone UNDER THE AGE OF 16 will not be allowed to ride a 4-wheeler, ATV, etc. inside the pit gates.

These rules are for your safety!

#### Rules — All Classes

1. NO traction control or electronic devices that alter timing or RPM's in any way. 2. Fuel: Must be commercially available gasoline. NO Alcohol, nitro or oxygenating additives. 3. NO turbo, superchargers, or after-market injection systems.

4. Frames must be of kart configuration, not to exceed 90" in overall length. NO EXCEPTIONS.

5. Right rear tire must durometer 50 or higher. This can be checked at any time. You will be given one minute after race to re-check tire if it fails first durometer.

6. Tires must be kart type only, not to exceed 6" in diameter. Spec only on 250F, Intermediate 500, Sportsman and Open. Right Rear Spec is QRC55, Rocket Boy 55, or Hoosier D-50.

7. Cages are mandatory, and are for the protection of the driver.

8. Wing sides must stay within 3" from outer most edge of kart. No sharp edges or extra-long bolts. Overall length must be 48" maximum.

9. Bodies can be any material, except wood with no sharp edges or Protruding parts.

10. Wing, Hood, and tail pieces are mandatory in all Classes.

11. No bars, other regular Nerf bar, may extend out past outer edge of tire on either side of kart.

12. Noise: Must meet 98 dba. Karts in violation may not race until standards are met.

13. All karts must display 10" numbers on right and left side of kart and wing. Numbers that are not legible will not be scored.

14. Duplicate numbers must include a letter.

15. Numbers must be displayed on contrasting background.

16. Safety committee and track officials' decisions are final

17. This is open wheel racing. No front-end cowcatchers. If in doubt, see officials.

18. No communication devices are allowed in Karts, with the exception of raceceivers. Go-Pro or other video recording devices are allowed with track official approval

19. All drivers under the age of 18 must provide a minor's release to the scorekeepers. In addition, when parent or guardian is not in attendance, drivers Must provide a designated guardian form.

20. No rearview mirrors.

21. Any other organized class must have a minimum of 3 karts and be approved by promoter.

#### Safety Rules — All Classes

1. Brakes must be in good working condition at all times.
2. Participants under 18 must have arm restraints and protection for the head and neck.
3. All karts must have seat belts and shoulder harnesses. Shoulder harnesses must be mounted in a way to restrict forward body motion independently of seat. Lap seat belts should be mounted on frame. Cut or frayed seat belts will not be allowed. This entire rule will be strongly enforced.
4. Approved neck braces and arm restraints are MANDATORY. Wrist restraints must be attached to lap belt and worn below elbow.
5. Helmets: Snell or DOT approved only.
6. ALUMINUM HIGH BACK SEATS ARE MANDATORY. The top of the seat should be at the middle of the driver's head. Seat mounts should be securely mounted to The frame, should have no excessive holes, and should have safety cable attached To any suspended seat.

7. All drivers must maintain a working fire extinguisher in their pit area and fire extinguishers must be mounted in back of all tow vehicles.

8. All karts must have a 6" nylon tie attached to spark plug wire.

9. Minimum standard for roll cage — tubing thickness:

\*\*3/4" .083 chrome molly or 1" .06 chrome molly or 1" .083 steel.

\*\*No exotic steel

10. Driving apparel: driver under 16 must wear full Karting apparel .

11. No sharp or protruding objects on any part of the kart.

12. Roll cage must be securely fastened with a grade 5 or better bolt, in at least Four spots.

a. Driver's body must be completely inside. of roll cage.

b. Roll cage height minimum of 2" clearance above driver's head.

13. Fuel line location cannot be closer than 2" to any of the exhaust system at any time and shall not be above the exhaust. If closer than 2", fuel line must be insulated. Fuel line must have ample slack for cage movement.

Must be petroleum grade fuel line.

14. Fuel tank location: Out board mounted fuel tanks must have metal protection, particularly fuel petcock.

15. Suicide doors: No suicide bars. Side bar must open from rear. Left side protection is recommended.

16. No axle protrusion beyond wheel rim.

17. Tail piece protection: Tail section must be securely attached to the frame. If the top of the tail section protrudes above the seat, tail must be padded. \*\*Suggested padding: Plumbing foam

18. Smoking in pit area is not recommended. Use common sense.

19. Pitmen are not allowed on racetrack or infield while race is in progress. Violators will result in their kart being docked positions, on lap or disqualification.

20. During a red flag, WORKING ON KARTS ON THE RACE TRACK IS PROHIBITED.

21. Speeding or reckless driving will result in fines or suspension.

a. May also result in forfeiture of all seasons' points, prize money.

b. Track/Safety Officials will determine severity of the incident.

c. A \$25.00 fine shall be imposed

d. All fines must be paid before you will be allowed back on the track.

This includes all support vehicles!

22. Any Official is permitted to remove karts from track due to unsafe conditions to driver or other karts.

23. Safety Committee and Track Officials' decisions are final.

24. KARTS WILL BE INSPECTED USING THE FOLLOWING SAFETY LIST: IMMEDIATE MUST BE FIXED SAME DAY

Helmet — fit/condition

Seat Belt & harness mounted

Arm Restraints — Mandatory

Neck Brace — Mandatory

Brakes

Suicide doors

Steering link, lock nuts or cotter keys

Steering wheel — securely mounted

Protruding objects

Axle Protrusion

Fuel Line Location

Spindles — Cotter Keyed

Cage-Mounts height

Frame, Nerf Bars, Bumpers, and Roll Cage

SECONDARY — MUST BE FIXED BY THE FOLLOWING RACE DATE

Seat — Condition/Mounting

Wing-Mounts

Suspended Seat Karts

Kill Switch

Wheel Condition

Rear Axle Keepers

Floor Pan Condition

Hood & Tail Mounts

Tail Piece Protection

Fire Extinguisher

Number/Letter — Size/Location

Box Stock Muffler (Less Spark Arrestor)

Chain Guard

25. ALL FINES FOR SAFETY VIOLATIONS must be paid before kart can return to competition. FAILURE TO FIX items by third race will result in suspension of kart.

Any Official has the authority to disqualify a kart for safety violations.

UNSPORTSMANLIKE CONDUCT

1. Fighting or belligerent behavior on premises will result in permanent suspension. Drivers are responsible for their own actions and the actions of their pit crew.

2. Any display of unsportsmanlike conduct (on or off the track) will result in FINE, SUSPENSION, IMMEDIATE REMOVAL FROM RACE AREA, and POINT PENALTIES OR ALL OF THE ABOVE.

3. Rough driving will result in docked position, fine or black flag.

4. Pit crew members observed verbally or physically abusing drivers will result in

loss of accrued points for their driver and/or fine. NO EXCEPTIONS!

#### RACING RULES & ETIQUETTE — ALL CLASSES

\*\* Unless emergency conditions merit, Drivers are not allowed out of their vehicle

on the track surface\*\*

A. Only Track Officials and Emergency Personal are allowed on Track, unless Flagger has given you permission.

B. No pit personnel may be allowed to work on any kart while on the track.

1. Green Flag: The entire track is open for racing. Passing will not be permitted before the green flag is displayed, at designated point.

Double file starts nose to tail. Pole position starts the race in designated area. Designated area marked out in turn 4. There will be 2 attempts at double file restart. Single file starts will be at MEDIUM SPEED, nose to tail until the lead kart begins to race in the designated area. All karts must pass between the wall and the cone before a pass can be made. NO PASSING BEFORE THE CONE!



2. Yellow Flag: CAUTION. All karts must hold their position and come to a parade lap speed in single file formation. Failure to do so will result in being sent to the back of the pack.

3. Red Flag: STOP AS SOON AS SAFELY POSSIBLE Revert back to previous lap for lineup.

Red flag may be used on the last lap and scoring will be running order on previous lap. (with kart causing red scored accordingly.)

FAILURE TO OBSERVE THE RED FLAG WILL RESULT IN DISQUALIFICATION.

4. blue/Yellow Flag: HOLD YOUR LINE. To inform slower moving karts that leaders are about to pass.

5. Black Flag: LEAVE THE TRACK IMMEDIATELY. Kart will cease being scored from time flag is displayed.

Anyone who does not obey this flag will have all points and monies for the nights racing taken, and could include suspension. If you are black flagged in the feature or heat you will score no points for the feature or heat, black flag means disqualified!

6. White Flag: ONE LAP TO FINISH.

7. Checkered Flag: Race is official; all karts must pass under this flag to be scored.

8. If a Kart has a MINOR problem on racetrack and an Official can easily fix it, kart will resume position.

11. Jump starts will result in kart going to the back of the pack.

12. Dead on the track, go to the back.

13. TWO CAUTION RULE – Drivers who are involved in or are the cause of a yellow or red flag will start in the back of the pack in that order. The TWO CAUTION RULE Is in effect — after causing two yellow or red flags in one run the driver will be black flagged for the remainder of that event. You are eligible to race in the next event either that night or the next race.

This included when a driver is bumped, drives into the infield, or off the track and back on the track in an uncontrolled manner. If a driver drives into or out in front of the pack on oncoming karts THEY WILL BE BLACK FLAGGED! THIS RULE WILL BE STRICTLY ENFORCED!

14. NO REFUNDS will be issued once the registered kart reaches the track.

15. THE FLAGMAN HAS CONTROL OF THE RACETRACK! HIS DECISION WILL BE SUPPORTED BY RACE OFFICIALS AND IS FINAL!

#### Line-up Procedures

1. All Line ups will be done as follows at Summit Raceway:
  - a. All Karts will draw a pill for Heat 1 starting position
  - b. Heat 2 starting position will be a direct invert of the Heat 1 start
  - c. Main Events will be lined up based on the average finish of the kart in the Heats.
  - d. If you miss a heat race you will start last in the main event

#### RULES BEGINNER BOXSTOCK CLASS

1. Chain guards are mandatory with appropriate design to prevent injury To arm.
2. Arm and neck restraints are mandatory.
3. Age Limit: 5-7 (Any exceptions must be approved by promoter.)
4. Motor: Predator (Harbor Freight), Intec or honda GX 200 engine could be used in place of the predator 212 engine sealed Beginner Engines are allowed.
5. Wing: Minimum size 26" wide by 28" long, with minimum 10" sideboards. 6. Weight minimum 260 lbs. Including driver.

#### RULES INTERMEDIATE BOXSTOCK CLASS

- 1.Chain guards are mandatory with appropriate design to prevent injury to arm
2. Arm and neck restraints are mandatory.
- 3.Age Limit: 8-10 (Any exceptions must be approved by promoter.)
- 4.Motor: Predator 212 with stage one upgrades (ie intake and exhaust) allowed.
5. Wing: Minimum size 26" wide by 28" long, with minimum 10" Sideboards.
6. Weight minimum 260 lbs. Including driver.

#### ADVANCED BOXSTOCK

1. Chain guards are mandatory with appropriate design to prevent injury to arm.
- 2.Arm and neck restraints are mandatory.
- 3.Age limits: 11-13 (Any exceptions must be approved by promoter.)
- 4.Motor: Predator 212cc GHOST/ TPP 212RS sealed Subaru or Animal motors (Briggs & Stratton)
- 5.Minimum weight : 280lbs

\*Racers may move up in class at their discretion, however they may not move below their age appropriate class. If a competitor elects to race a higher class then moves to their age class they forfeit the points they have earned in the higher class.

A MINOR RELEASE IS MANDATORY. A NEW RELEASE IS NEEDED FOR EVERY RACE SEASON. In addition, when a parent or guardian is not present at race event, a DESIGNATED GUARDIAN form is mandatory. One for each race.

#### PROTEST RULES

1. Motor may be protested for \$100.00. This fee to be used for professional inspection. If a motor is found to be illegal: The protestor may be reimbursed. Motor may be held up to five (5) days for inspection. Officials may spot check motors at any time.
2. Illegal motors will be fined.

First Offense: \$100.00 fine, loss of points for that night and a 2 race suspension. Second Offense: \$200.00 fine plus loss of accrued points and kart and driver disqualified for the remainder of the race season.

3. Parents/Guardians are responsible for fines assessed to their minor drivers. All fines must be paid before driver will be allowed to return to competition.
4. If you protest weight on a kart, you must be present at the scales when the Kart is in question. officials have the last say.

If you have any doubt about these specifications, contact the race

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