



- 2023 CHAMP KART INDOOR SERIES RULES -

CHAMP KART running under WKA Motor and Safety Rules

No express or implied warranty of safety shall result from publication of, or compliance with, these rules. They are intended as a guide, and are in no way a guarantee against injury, or death, to participants, spectators, and/or others.

Published October 14, 2022 - Any changes to the specs will be noted on the website (www.indoorautoracing.com)

1. WKA Motor and Safety Rules

- The State of New Jersey has adopted and recognized the WKA Rulebook for all safety items.

2. WEIGHT RULES -

- A. Animal Motor with Black Plate - 425lbs.
- B. Flat head Motor - 410lbs.

3. Tires - All Cars Must Run Approved Hoosier Tires On All Four Corners.

- A. **Hoosier Tires Mandatory on All 4 Corners.** - Hoosier D30A or A40 compound tire rule.
Cat. #11325 10.5x5-6 D30A Left side Cat. # 15500 10.5x5-6 A40 Left side
Cat. #11800 11x8-6 D30A Right side Cat. # 15800 11x8-6 A40 Right side
- B. No softening at the event (Anyone caught with chemicals will be disqualified from event).
- C. Wet grinding permitted in special area with simple green or windex.
- D. Tires must be DRY when presented to race.
 - Any tire wet to the touch, leaves a mark or trail on the ground will be considered WET.

4. BOLT-ON WEIGHT BALLAST -

- A. Seats must be mounted in a manner so that there is a 3.5" crush zone between driver and nerf bar.
- B. All bolted-on weight shall be painted white and numbered to correspond with car number
 - Weight shall be secured using a minimum 5/16" Grade 8 bolt and have double full nuts
 - No more than 20lbs per bolt.
- C. Any weight bolted on to seat must be secured using 5/16" diameter bolts and fender washers.
- D. One "weight bar" maybe to added to the left side nerf bar.
 - If weight bar is added, nerf bar must be secured to frame using a minimum of four (4) 5/16" bolts.
 - Weight bar shall be a minimum of 5/16" thick steel.
 - It is strongly suggested that weight bar be welded to nerf bar.

5. FUEL TANKS -

A. EMPTY TANKS

- All cars must arrive with empty fuel tanks and must be inspected before purchasing fuel at event.
- Fuel lines, tank and filter should be cleaned to prevent contamination.
- Fuel sample will be taken from truck at event and used as base line in all testing.

6. OVER FLOW TANKS :

Water/Oil dripping can ruin the track surface, just as bad as oil downs. A dripper will be considered a leaker and put off the track. Prepare in advance to avoid being disqualified during the event.

- A small water/drink bottle is not an acceptable radiator overflow tank!

7. CAR DIAPER:

- A. All cars shall have a diaper mounted underneath motor and cooling system to prevent leakage on to racing surface.
 - Must cover engine and radiator compartment in their entirety.
 - Must contain an absorbent material such as pig rags.
 - If using a sheet of aluminum, seal to the frame with silicon to prevent seeping.

8. SAFETY ITEMS - All Cars and drivers must comply with NJ State Safety Regulations.

A. DRIVER SAFETY EQUIPMENT

- ALL DRIVERS REQUIRED to wear fire resistant underwear and one piece driving suit to cover arms, legs and body.
- Suit must have **SFI rating of 3.2A/5** or greater or **FIA 8856-2000** or greater.
- **Nylon covered fire suits are prohibited.**
- Arm Restraints are Mandatory
- All Drivers Required to wear fire resistant gloves, shoes and socks.
- Steering wheels must have a padded center & quick release hub. No pull-pin.

B. HELMETS -

- All drivers must wear a properly secured full face helmet, which meets or exceeds the latest Snell SA Rating.
- The current snell rating is SA2020. Acceptable ratings include SA2105 and SA2020

9. SEAT BELTS - Must meet SFI Specification 16.1 rating as a minimum.

- A. Date of manufacture cannot be more than two (2) years old.
- B. Wrap around or bolt-in quick release five-point belt harness with all connections to be secured at frame.
- C. Shoulder harness must pass over a round bar located at the driver's shoulder height.
- D. No alterations to manufactured design.
- E. All belts must be in good condition and bear the date and manufacturer's name.

10. MISC / RACE CONTROL ITEMS

- A. Car numbers - All cars must have visible large numbers on front and back of car.
 - Numbers plates on left side frame rail are strongly encouraged.
 - Duplicate numbers may be required to add a letter or number to differentiate.
- B. Driver must have working one-way raceceiver radio to monitor race control at all times.
- C. All cars required to have a working transponder. Transponders available for rent if needed.
 - Transponders shall be mounted to back of roll cage point upward. Loop is above the track.
- D. No mirrors or two-way radio communications allowed in cars.
- E. All vehicles must have an ignition switch within easy access to the driver in the cockpit and clearly marked.
 - Ignition switch must kill all power to the fuel pump.
- F. A fuel shut-off valve must be easily accessible to the driver and marked with brightly-colored "On & Off".

11. ROUGH RIDING - No rough riding! Considering this your first warning.

- First offense in a race sends driver to JR Michalski Cool Down Zone
- Second offense car is sent to the pit area.
- Officials have the right to park a car for the weekend at any point.
- A car will be sent to the pits after a total of three unassisted cautions or rough riding calls.

******Officials Decision Is Final On All Items Noted or Otherwise*****