

## **2019 Winged Sprint Car Rules**

The rules and/or regulations set forth herein provide for the orderly conduct of racing events and to establish minimum acceptable requirements of such events. These rules shall govern the condition of all such 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 regulations. Speedway rules 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.

\*Speedway Officials shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his/her opinion do not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications.

\*Speedway reserves the right to update, modify, and/or delete rules at any time deemed necessary to insure safety, fair competition or any other reason that may be appropriate.

\*Any interpretation or deviation of these rules is left to the officials. Any decision of and by Speedway Officials is final.

\*Unsportsmanlike-like conduct can carry a minimum \$100.00 fine and/or suspension. Any and all fines will be added to the point's fund at the end of the racing season.

### **Rules Of Procedure**

1. All Drivers shall use diligent effort to be ready to compete and have their cars ready and in line promptly when called.
2. No car will enter the track without permission of an official.
3. Pit Crew members will not be allowed on the track unless an official has granted permission.
4. No repairs will be made on the track.
5. The Starter or Race Director has complete charge of the track. Drivers shall immediately comply with the starter's commands, whether given verbally, by hand, or by flag.
6. All other normal MIS Race Procedures apply as well.

## **Body and Frame**

1. Must be Sprint Car Design: No Roadsters or Super Modified.
2. Special Racing Types only: Aluminum or Titanium frames and Roll Cages are NOT allowed. No Bolt on Roll Cages.
3. Cars will be neatly Painted, lettered and Presented in a clean professional appearance.
4. All Body panels must be securely attached to the frame.
5. Seats must be securely attached to the frame. All seats must be mounted to the frame as required by the seat and chassis manufacturer.

## **Roll Cages and Restraints**

1. Seat Belts must meet a minimal tensile strength of 8,000 pounds loop test. Officials or technical inspector can reject worn appearing belts. Belts must be no older than three (3) years.
2. Belts must be equipped with a metal quick release buckle.
3. Belts must come through the seat at the bottom of each side, therefore wrapping and holding the greatest possible area of the pelvic region of the body.
4. Anti-Submarine (crotch) seat belts are required.
5. Shoulder harness must be a minimum of double over the shoulder style or any approved racing harness. Shoulder harness must be a minimum of two (2) inches wide with a minimum tensile strength of 3,000 LBS. Belts must not be older that three (3) years.

## **Engines**

1. Any American manufactured block for automobiles or trucks with a stock camshaft location and have (8) cylinders.
2. Displacement is Max- 366 Cubic Inches.
3. No Superchargers or Turbochargers Allowed.
4. Heads- 23 degrees +/- 2 only.

## **Titanium**

1. No Titanium in engine, excluding valves and the valve retainers. Oil pan inspection plug of at least 1" N.P.T is recommended so as to be able to check crankshaft material. If you do not have an inspection plug, you will have to pull the pan if inspection is required.

## **Ignition**

1. Ignition is optional. Must have a shut off switch within easy reach of the driver or the outside rescue crew in case of an accident.

## **Fuel and Air System**

1. Fuel must be methanol only with no additives. No nitrous oxide.
2. Car must have fuel shut-off valve that is clearly indicates "OFF".
3. NO down nozzle injection system is permitted. If heads are so designed, the down nozzles must be plugged.

## **Wheels and Tires**

1. Any wheel designed for racing is permitted.
2. Bead Locks are optional
3. Left Front- Hoosier 2010 Only
4. Right Front- Hoosier 2030 Only
5. Left Rear – M30 Hoosier Only
6. Right Rear – M450 Hoosier Only
7. No soaking of Tires.

## **Steering**

1. Steering system must be engineered and assembled in accordance with sound engineering principals.
2. Approved removable type steering wheel disconnect only. No plastic allowed.

## **Brakes**

1. Car must have operable front and rear brakes.

## **Underpan/Blanket**

1. All cars are required to either have an underpan with no Louvers, or if it is an open bottom car and Engine Blanket is required.

## **Dash**

1. Effective firewall must be installed between engine compartment and cockpit.

## **Radios**

1. No-on board radios.
2. Raceceivers only with the speedways channel set to channel 1 are required for anytime a car hits the track.

## **Safety**

1. Each competitor is solely responsible for the effectiveness and proper installation, per the manufacturer's specifications, of personal safety equipment and determining it to be adequate for competition at every event. Competitors are expected to investigate and educate themselves for continuing improvement regarding their own personal safety equipment.
2. Seat belt restraint systems shall be installed and used in accordance with manufacture's instructions. In any type of manufacturer's installation the fasteners must be magnetic steel unless using the type of mount in which the seat belt wraps around the roll cage. A seven-point harness is recommended.
3. Seat belt material should not be permitted to come in contact with any sharp or metal edge, including when the material passes through the seat.
4. All Drivers will be required to wear a fire resistant driving uniform meeting minimum of the SFI 3.2A/5 specification and display a valid SFI 3.2A/5 label.
5. All Drivers should wear fire resistant accessories including but not limited to; head soak, under garments, shoes and socks.
6. All Drivers will be required to wear fire resistant gloves. Shoes and gloves will be required to meet minimum of the SFI 3.3 Specifications and display a valid SFI 3.3 label.
7. All drivers will be required to wear a full-face helmet with a minimum safety rating of FIA 8860-2004, FIA 8860-2010, Snell SA 2005, Snell SA 2010, Snell SAH 2010 and/or a valid SKI 31.3/2005 labels.
8. Safety equipment must be worn at all times.
9. Arm restraints are required and must be connected and used as instructed by the manufacturer.
10. No sharp and/or protruding edges in and around the cockpit.
11. Windshield screens are strongly recommended.
12. A clearly marked electrical engine shut off switch within the reach of the driver.
13. A clearly marked fuel shut off valve within reach of the driver.
14. Only SFI flame retardant seat, roll bar, knee and steering pads and/or paddings should be utilized.

