



## 2020 “October Classic” Pro Late Model Rules

### 1. WEIGHTS:

- A. Minimum Straight rail chassis weight is 2900lbs.
- B. Minimum Perimeter chassis weight is 2850lbs.
- C. 60% maximum left side weight.
- D. Weights include driver, race ready with fuel on board.
- E. All lead weights must be painted white, with the car number painted on each individual piece. All lead weights must be securely fastened. Any lost weight will result in a \$10 per pound fine.

### 2. ENGINE:

- A. Unaltered GM 602 Crate Engines Only, no alterations from factory and GM sealed with new style cup seals. (you may run after market valve springs but they must be the same spring pressures as OEM)
- B. Maximum engine set-back is 6", measured from the center of the number one spark plug hole to the center of the upper ball joint.
- C. Any single 4bbl carburetor will be permitted.
- D. Maximum RPM is 6,200, cars must run a 6,200 RPM chip from the track or you may use the FAST/Crane Ignition System part # 6000-6701. Mount on right side of car dials point out the passenger side.
- E. Only one ignition box allowed, and ignition box must be mounted as far to the right side of the car as possible with the chip or RPM dial facing the right side. All wires to the distributor must be run separately and not be part of a bigger wiring harness. All wiring must be sealed with no unplugged wires.
- F. **NO Traction Control Devices of any kind** - *If any 'traction control' device is found, the driver and owner will be disqualified from the event, the car will be confiscated until a \$15,000 fine is paid. Additionally, the driver and owner will receive a lifetime ban from all events.*
- G. No Data Acquisition equipment/wiring is allowed in the car on officially recognized race or practice days.
- H. Digital dashes will not be permitted.
- I. Cellphones, smart watches or Bluetooth devices will not be allowed in racecar at any time during practice, qualifying or race, this is an automatic disqualification.

### 3. BODY AND CHASSIS:

- A. Any traditional late model type perimeter or straight rail chassis is allowed. Body must be a factory stock Five Star or AR pavement style body and must be mounted in a stock manner as it was intended from the manufacturer, no extra panels may be used to extend the body in any way, hood must cover the air cleaner with no holes other than a small opening at the windshield for air to the carburetor, complete rear bumper cover must be used with no holes drilled in it, no extra material may be removed from the rear bumper cover, rear spoiler must be mounted in the stock location. Maximum quarter panel height is 34.5".
- B. No under body air deflectors or wings of any kind. Teams are allowed to mount two ½" tall roof rails running front to rear on the roof of the car, but these rails are not allowed to extend down the rear window or onto the deck lid. No passenger windows are allowed, maximum for the vent window will be 12 inches and must go 90 degrees from the top of the door up to the A-post.
- C. No fans, ducts or hoses to the rear brakes, no holes or hoses are allowed through the interior sheet metal.
- D. **Ride height rule;** all cars must be able to get on and off the inspection scales without the use of any extra ramps or boards and the car must not drag on the scales, if your car drags on the scales you will not pass tech and will be forced to return to your pit area for corrections.
- E. 6 ½' x 60' rear spoiler only, must be centered on the rear bumper cover with no offset in any direction. Maximum of (6) six rod style spoiler supports permitted on the rear of the spoiler only. It is mandatory that the upper 2/3's of the spoiler and the rear window of the car be made of "clear" Lexan to enable other drivers to see through them.
- F. Air may not be blown or forced onto the tire or bead. Air may only be directed to the brake rotors.
- G. Interiors must be steel or aluminum only.
- H. One (1) mechanical brake pressure proportioning systems to adjust front to front to rear bias, and its location, acceptable to the officials, will be permitted. Electronic or remote-control devices will not be permitted.

#### 4. SUSPENSION AND SHOCKS:

- A. Minimum wheelbase is 101".
- B. Any steel shock, all external parts must be steel (Aluminum rod end on the shaft end ok, and an aluminum threaded body cap ok). One shock per wheel, external adjustments, no remote adjusters or reservoirs of any kind may be used on a shock.
- C. REAR SUSPENSION – No fifth (5th) coil, torque arm or lift bar suspensions will be permitted. No birdcage set-ups of any kind (3 or 4 link). Trailing arms must mount to rear end and chassis in a solid fashion (heim allowed) and no part of the trailing arm mounting may freely rotate around the rear end or move. Truck arm cars must have a race to race approval.
- D. No independent rear suspension.
- E. No carbon fiber drive shafts allowed. Two driveshaft hoops are required.

#### 5. FUEL AND FUEL CELL:

- A. Sunoco 110 or E-85R race fuel only. Fuel samples may be taken at any time and tested. Alcohol, nitro-methane, nitrous oxide, other oxygenating agents, other additives and/or fuels that contain masking agents or oxygen are not permitted. Use of such substances or additives will result in immediate disqualification.
- B. A fuel cell will be mandatory with a maximum of 22-gallon (U.S.). Fuel cell must be equipped with at least two (2) protective straps completely around the cell. Fuel cell must be mounted securely behind the rear axle of the car. All cars must have safety bar at the rear of the fuel cell. No "U" Shaped Fuel Cells or non-standard-shaped fuel cells.
- C. No icing or cooling of fuel system.

#### 6. TIRES AND WHEELS:

- A. Maximum track width of 66 inches measured with Referee. (This is the same as 79"-inch track width, when measured from the bulge outside to outside of the front tires at the spindle height.)
- B. Hoosier 970 treaded tire on 8" steel wheels only with steel studs and lug nuts.
- C. Tires may not be cut, soaked or altered in any way. Any team wishing to run used tires must submit the tires for inspection and scanning prior to qualifying, note these used tires must have been purchased from track as well.
- D. Competitors must start the race on the tires they qualified with.

#### 7. SAFETY:

- A. Approved SFI or FIA seat belts and double shoulder harness and a crotch strap is required, no older than five years.
- B. A full-face helmet required with a 2010 (recommended 2015) Snell sticker.
- C. SFI or FIA rated full driving suit and gloves for fire protection mandatory, SFI undergarments are recommended.
- D. Driver's window must be equipped with a safety net and quick release latch, no older than five years. Resilient padding must be installed anywhere the driver can reach on roll bars.
- E. An Onboard charged Fire System is Mandatory.
- F. Approved SFI or FIA Head and Neck Restraint System is mandatory.
- G. All teams must have a fire extinguisher in their pit at all times.
- H. All cars must have a clearly marked electrical cut off switch easily accessible to the safety crew. Batteries must be securely mounted outside of the driver's compartment.
- I. 1/16" steel side plate in driver's door is mandatory.
- J. Roll cage must be constructed of 1 3/4" o.d. steel x.090 round tubing, the main frame and clips from the radiator area to behind the fuel cell must be made of steel, main frame must be minimum 2"x3" rectangular steel.

#### 8. TRANSPONDER:

- A. All competitors must have timing transponders on their car for the entire program including practice. Available at event.
- B. All Transponders must be mounted 12" inches behind left rear axle on frame rail.

#### 9. RADIOS AND CAMERAS

- A. Two-way radio communication between driver and minimum of one spotter for each team is required for all competitors at all times while on track. Mandatory each spotter must have a dedicated stand-alone radio or scanner to monitor Race Control at all times frequency at 460.0125.
- B. No electronic recording devices allowed in or on the car, cameras inside car may be approved but Series has the right to view or download any video at any time.

***Illegal components WILL be confiscated and become property of the Speedway.***

***We reserve the right to adjust the rules at any time in the interest of safety and maintaining an even playing field.***

*If you have any questions, contact Ricky Brooks at 850-324-6821*

