

## 2023 TST Sportsman/Limited Late Model Rules

### **DISCLAIMER:**

The rules and or regulations set forth herein are designed to provide for the orderly conduct of racing events, to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events. No express or implied warranty of safety shall result from publication of or compliance with these rules or regulations. 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 word "track" refers to Talladega Short Track.

### Engine:

- A. 362 cubic inch maximum, including over bore
- B. Any steel crankshaft
- C. Any Steel Connecting rods
- D. Stock type or dome pistons allowed (see weight rule for specifics)
- E. Dry sumps allowed

### Engine Setback:

- A. Full tubular frames – six (6) inches with 1/2" tolerance.

### Heads:

- A. Steel heads. NO Aluminum heads. Must be based on OEM design (Chevy, World, Dart, and Pro OK).
- B. 23-degree heads OK. NO 14-degree heads allowed!
- C. Intake and exhaust bolt pattern must match original OEM head
- D. Valve angle and valve spacing must meet OEM specs for the head being used.
- E. Steel valves only. Undercut stems permitted. NO titanium valves.
- F. Valve stem diameter 11/32 inch minimum for all engines.
- G. Maximum valve size: Intake – 2.08; Exhaust – 1.625
- H. Porting, polishing, raised runners, and dome pistons allowed (see weight rule for specifics)
- I. Three (3) angle racing valve job permitted. Machine cuts only.
- J. Any valve sprints, retainers, roller rocker arms, and stud girdles allowed.

### Weight:

- A. Steel angle plug heads – 2350 pounds
- B. Porting, polishing, raised runners, dome pistons – 2450 pounds
- C. Driver must have weight displayed on left side of roof.

### Camshaft:

- A. Flat tappet only or roller cams OK.

### Distributor:

- A. Stock type and magneto allowed.

### Carburetor:

- A. 750 CFM maximum
- B. Any intake manifold.

**Clutch/Transmission:**

- A. Transmissions **MUST** have working forward and reverse gears.
- B. Any triple disk clutch is allowed.
- C. Transmission must be in OEM housing
- D. Aftermarket Bert or Brinn transmissions are allowed.
- E. Aluminum flywheels are allowed.

**Rear Ends:**

- A. Any type rear end gear is allowed.

**Shocks:**

- A. Racing type and coil-overs are allowed.

**Fuel and Fuel Cell:**

- A. Fuel Cell Mandatory.
- B. No Alcohol fuel.
- C. E-85 is ok – specific gravity not to exceed .7855 at 60 degrees. Any E-85 with a specific gravity of .7856 or greater will be disqualified. Fuel is subject to testing on site, or fuel samples may be taken and sent to an independent lab for testing.

**Wheelbase:**

- A. Minimum of 103 inches, measured from center of hub to center of hub.

**Brakes:**

- A. Must have 4-wheel brakes.
- B. Racing disc brakes are allowed.

**Tires:**

- A. Hoosier 55 Spec or Hoosier 21 Spec, or 1350 or 1600

**Wheels:**

- A. 14-inch maximum width
- B. Aluminum wheels OK
- C. Beadlock OK
- D. NO carbon fiber wheels.

**Headers:**

- A. NO turned down tubes.
- B. Exhaust must run parallel with the ground.

**Body:**

- A. Southern All-Star Body Rules Apply
- B. All cars **MUST** run roofs.
- C. Spoilers – 8 inch maximum

**Engine Protest:**

- A. Complete engine teardown - \$600.**
- B. Driver filing protest MUST finish in the top 5.**
- C. Driver filing protest has 5 minutes after the end of the race to file engine protest, and driver filing protest can not leave infield.**
- D. NO reverse protesting allowed.**