



## **2010 Potomac Speedway Limited Late Model Rules & Regulations**

### **Attention ALL Owners & Drivers:**

**RaceCeiver Radio's and Transponders are MANDATORY for the 2010 racing Season.**

It is your responsibility to read and understand the following instructions. Your car will be in accordance with these rules. Grace periods will not be granted. If your car is found not to be in accordance with these rules prior to the race, the discrepancy will be corrected before the feature event or you will not race. If a discrepancy is found after the feature, you will be disqualified. NOTE: It is your responsibility to have your car Tech Inspected.

### **GENERAL:**

1. This division is limited to 1990 to 2009 American Manufactured stock car bodies.
2. Cars must have type of body style displayed on car with three inch minimum letters
3. Examples: Monte Carlo, Taurus, Grand Prix, etc.

### **BODIES:**

1. Nosepiece and roof must match body style of car.
2. All cars must have a minimum of one half inch roll at top of fenders, doors and quarter panels. No sharp edges of any type.
3. Floor boards and firewall must cover the drivers area and be constructed to provide maximum safety.
4. Driver's seat must remain in the general area as the original design of the car.
5. Windshield screen or bars mandatory.
6. Neatly painted or sticker numbers at least 18" high on both sides, roof and headlight cover are mandatory.
7. No fins or raised lips of any kind permitted anywhere along the entire length of the car.
8. Body line must be a smooth even line from front to rear.
9. No slope nose or wedge cars permitted.
10. All cars must use corresponding engine: Ford to Ford, Chevy to Chevy, etc.
11. No belly pans.
12. Skid plate to protect oil pan is permitted.
13. Stock nosepiece plus roof and roof support must match. Example: Monte Carlo – Monte Carlo, Taurus – Taurus, Grand Prix - Grand Prix. Fifty pound weight penalty will be assessed for non-compliance.

### **STOCK NOSEPIECES:**

1. Nosepiece must be template approved.
2. Must be made of molded material
3. Two (2) piece noses must be fastened together in center. No spacers to gain width permitted.
4. Must be mounted NOT to alter original shape.
5. No material can be removed from nosepiece. No cutting from bottom, top or sides.
6. Stock nosepiece can extend a maximum of 46" from center of front hub to farthest point extending forward.
7. Front fender flares must be made of plastic and cannot alter the original shape of the nosepiece. Front fender flares must have collapsible support. No steel support.

### **ROOF AND SUPPORTS:**

1. Must be stock appearing and mounted level.
2. Must be stock dimensions
3. 45" minimum height from ground
4. Must be mounted parallel to body and near center of car.
5. A maximum 1" roll turned downward is permitted along the rear edge of the roof.
6. No flat or odd shaped roofs permitted.
7. All roof side panels must extend to edge of body, be flat and must be stock OEM size, and must be of same make and model as the nosepiece.
8. Any sun shields – 4" maximum; must be able to hinge for easy exiting of the car.
9. Front roof supports permitted to be no more or no less than 2" wide by 24" long.

### **FRONT FENDERS AND HOOD:**

1. Must be level and flat from left to right side of car.
2. Fenders not permitted to gain height from rear to front of car.
3. No part of fender or hood can be outside of the body line.
4. 34" maximum front fender height. Height is measured vertically from ground to top of fender at center of front wheels.

### **DOORS:**

1. At no point can door sides break in towards center of car.

### **QUARTER PANELS:**

1. No offset quarter panels permitted. Must be equally tapered toward the center of the car. A fifty pound weight penalty will be assessed for violation.
2. Tire clearance from body must be a minimum of 2". No wheel skirts permitted.
3. At no point can quarter panel sides break in towards center of the car.

### **FRAMES:**

1. No aluminum frames or front clips permitted in construction of car.
2. Minimum 103" wheel base.
3. Rectangular or square tubing with a minimum of 8" circumference and a minimum of .083" wall thickness.
4. **Tube Frame:** The wheelbase of all cars must be constructed of a minimum of one and three quarter (1 <sup>3</sup>/<sub>4</sub>" ) inch round tubing and must have a wall thickness of .083" minimum. All tube frame cars must use 4130 chrome molly steel in construction.

5. If rear bumper is stubbed, it may only extend a maximum of 8" beyond the frame. Any stubbed rear bumper that extends 8" or more beyond the frame must be rounded and directed towards the front of the car 8".

### **ROLL CAGES:**

1. Cars must have a suitable steel roll cage in drivers' compartment including a head rest.
2. Side roll bars are mandatory and must extend into the door panels.
3. A minimum of three (3) bars must be used on the left side of the car. Each bar must be a minimum of one half inch (1/2") in diameter and with a minimum thickness of .095".
4. Roll cage must be welded to the frame.
5. Roll cage must be above the driver's helmet.

### **INTERIORS:**

1. Interior is permitted to be dropped to the middle of the car a maximum of three inches (3") below the top of the doors and a minimum of twelve inches (12") below the roll cage.
2. Interior must gradually taper up to the quarter panel height and be level for thirty two (32") inches from rear of the quarter panel.
3. Interior must be fastened flush at the top of the door and quarter panels and may taper gradually towards the center of the car not creating a lip effect. Minimum of 8" tapers. Maximum 3" drop extending from firewall to rear of door pieces in a continuous line.
4. Interior must run in a straight line from behind the driver's seat to the rear spoiler.
5. If interior is flat through the car, it must maintain a 12" clearance from roll cage for easy exiting from either side of the car.

### **SPOILER:**

1. Rear spoiler material maximum 8" height measured from deck to tip of material. Maximum 72" width. Maximum 44" height measured from ground to top of spoiler.
2. Rear spoiler is not permitted to be suspended above the deck to create a wing effect.
3. Rear spoiler must begin where the quarter panels end. No extended decks permitted.

### **FUEL CELLS:**

1. Fuel cell mounting must be welded to frame. Gas lines will run under the floor or encased in steel tubing when running through the driver's compartment.
2. Fuel Cells must be used. The tank must be securely mounted in a 20 gauge steel box with two 1/8" x 1" steel straps.
3. Must have a firewall between the tank and the driver.
4. Fuel cell must be located in trunk area.

### **FUEL:**

1. For more information on fuel see page 5 under carburetor
2. The gasoline shall not be blended with any types of alcohols, ethers or other oxygenates. No additives, no exceptions.
3. Icing or cooling of fuel is NOT permitted.
4. Fuel shut off valve is recommended.
5. Mechanical fuel pressure gauge mounted in the driver's compartment must have an isolator.

### **TIRES AND WHEELS:**

1. Hoosier ONLY.
2. Hoosier Spec: D21, tires limited to 88/90/92 or Hoosier Economy 1400 – 1425 – or 1600. Largest tire permitted: 29 inches x 11 inches x 15 inches.
3. Heavy Duty lug nuts and studs mandatory.

4. Wide 5 and Bead Locks permitted.
5. Aluminum wheels permitted.

#### **SAFETY:**

1. Seat belts must be bolted to roll cage and pass inspectors approval. Shoulder harness required, only quick release type racing belts are permitted. Fire Suit and shoes are mandatory. Only approved helmets Snell 2000 or better. Full firewall of metal must be installed between the driver and the engine. On board working fire extinguisher is mandatory.
2. All cars must have a tow hook on front and rear of car.

#### **REAR:**

1. 9' Ford rear is permitted. Quick change rears are permitted.

#### **SUSPENSION:**

1. Suspension may be altered to accommodate racing rear ends. The front of the car including steering parts should be strengthened.
2. The right front hub and spindle must be improved to meet the demands of oval track racing.
3. Heavier spindles and lug bolts are mandatory. Sway bars may be added.
4. Any type shock absorber may be used. Including coil over type shocks.
5. No torsion bar systems allowed. No driver control weight jacks allowed.
6. No traction control devices

#### **BRAKES:**

1. Four wheel hydraulic brakes. Must be in good working order at all times. No carbon fiber brake systems allowed.
2. Disc brakes on front recommended. After market master cylinders are allowed. Balance adjusters are permitted.
3. Proportioning valves are allowed. Proportioning valves may be adjusted from driver's compartment.

#### **RADIATOR:**

1. One radiator under hood in stock location. Water only permitted. NO anti-freeze or oil of any kind.

#### **BATTERY:**

1. Must be securely mounted under hood or trunk inside a battery box.

#### **ENGINES:**

1. 410 Cubic Inch Max.
2. Blocks: Any steel block
3. Wet or dry sump oiling system allowed
4. Oil pan must have a 1" plug on side for inspection

#### **CYLINDER HEADS:**

1. Any steel head, also Aluminum Heads are permitted.

#### **PISTONS:**

1. Any flat top piston.
2. No custom made pistons.

**CRANKSHAFT:**

1. Any stock style stroke crankshaft
2. No titanium.
3. No knife edging

**CONNECTING RODS:**

1. Any steel rod permitted
2. No titanium permitted.

**CAMSHAFT/LIFTER:**

1. Any cam permitted

**INTAKE/MANIFOLD:**

1. Any aluminum intake permitted.

**CARBURETOR:**

1. 360 cubic inch & under with steel block. Steel heads can run a 4 barrel gas or alky.
2. 360+ cubic inches with steel block. Aluminum heads must run a 2 barrel, gas only carburetor with a 1-3/4" throttle plate.
3. 410 cubic inch, gas only, 2 Barrel, 1-3/4" throttle plate.

**IGNITION:**

1. Any stock type distributor allowed.
2. GM and Ford may use Davis Unified ignition distributor.
3. Stock type electronic ignition allowed.
4. No magnetos or multiple spark plug discharging units such as MSD, Mallory, Accel, Crank Triggers, etc. not even if supplied by vehicle manufacturer.
5. Modified stock electronic ignition allowed.
6. MSD exceptions: 8584, 85561, 8534 with 6420 MSD Box.

**EXHAUST:**

1. Headers are permitted
2. Cannot point towards ground; must be parallel to track.
3. Mufflers are mandatory. Schoenfeld Only.
4. Exhaust/Muffler must be on and functional after the race or car will be put to last position points and money.

**ENGINE LOCATION:**

1. The engine is permitted to be set back a maximum of six (6") inches from the center of the ball joint to the front spark plug hole.

**CLUTCH/TRANSMISSION:**

1. Any type clutch, approved shields are required. If a triple disc clutch is used then aluminum bell housing is allowed.
2. Any type transmission with working forward and reverse gears. Must be mounted to rear of engine and have only one drive shaft. A 360 degree drive shaft loop is required, and drive shaft must be painted white.

**WEIGHT:**

1. All cars must weigh 2350lbs with driver and no added fuel. Cars not making weight after a race will be disqualified.

**NUMBERS:**

1. All numbers must be neat and 18” high by 3” wide, on sides of car, the roof and headlight cover.

**TEARDOWNS:**

1. Limited to winner and only by second place finisher.
2. \$800.00 complete engine.
3. Track will retain \$100.00 regardless of decision.
4. Decisions may not be made final until the close of the next business day.

**RULES & REGULATIONS:**

OFFICIAL INTERPRETATION OF THESE RULES SHALL BE BINDING. RULES WILL BE ENFORCED WITH NO TOLERANCE. PENALITIES: Any time the conduct of any team member/driver is a discredit to the speedway the racing industry or to himself, he may be removed from all racing activity at the speedway. **THE DRIVER IS RESPONSIBLE** for people associated with his team or signed in with the car. Illegal parts will be subject to track confiscation and or will be marked with engraver for future identification.

Any modification not covered in these rules will not be allowed unless approved by a Potomac Speedway Tech Official in writing.

**INTERPRETATION OF RULES:**

On misinterpretation of a rule, the official’s interpretation shall be the official interpretation and will supersede any and all other possible interpretations. If you are in doubt of any rules ask the tech official. The decision is to be in writing and given tot the party requesting the decision of the interpretation. Where there is not a specific rule to govern the occasion, the official’s decision will be final. IGNORANCE IS NO EXCUSE.

**RULE BOOK DISCLAIMER:**

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements 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 EXPREESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLAINCE WITH THESE RULES AND/OR REGULATIONS. They are intended as a guide against injury or death to the participants, spectators, and officials.

Potomac Speedway shall be empowered to permit minor deviation for any of the specifications herein or impose any further restrictions that in our opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SSAFETY SHALL RESULT FORM SUCH ALTERATION OF SPECIFICATIONS.

Any interpretation or deviation of these rules is left to the discretion of the officials and their decision shall be FINAL.

The Management of: *Potomac Speedway, Budds Creek, MD*

## **2010 SAFETY RULE FOR ALL DIVISIONS:**

1. All vehicles are subject to periodic safety inspections.
2. Drivers must wear a full fire suite. Nomex shoes are mandatory. Drivers must wear an approved type helmet with eye shield or goggles. Snell 2000 or better, S.A. Rating. No two piece or plastic helmets.
3. All vehicles must have bucket type racing seats with padded headrest and an approved five point seat belt with date stamp. (No older than 3 years is required) All belts must be securely fastened to frame and/or roll cage.
4. All vehicles must be equipped with a drivers' side quick release window net which will be in place at all times when the vehicle is on the speedway.
5. No rear view mirrors.
6. No loose or hanging body parts. No rough, jagged or sharp edges anywhere on vehicle.
7. No batteries located in the drivers' compartment.
8. All vehicles must have a fire extinguisher fully charged with gauge and be securely mounted in a quick release mount within reach of the driver.
9. Fuel lines in drivers' compartment must be enclosed in steel tubing.
10. All fuel cells will be securely mounted in rear of trunk area.
11. Communication devices (scanners, radios, etc.) are NOT permitted in the vehicle or infield area.
12. Drivers must be able to exit both sides of the vehicle.
13. A minimum of one drive shaft sling (12" to 18" from tail shaft).
14. **TOW HOOKS ARE MANDATORY ON THE FRONT AND REAR ON ALL VEHICLES.**
15. Mechanical Fuel Pressure Gauge mounted in drivers' compartment must have an isolator. (No fuel lines in drivers' compartment)
16. **FUEL SHUT OFF VALVE RECOMMENDED.**
17. **DRIVERS ARE RESPONSIBLE FOR THEIR CREW MEMBERS.**