2012 PETALUMA SPEEDWAY
LATE MODEL RULES

Current as of February 22, 2013

PETALUMA SPEEDWAY

2013 Late Model Rules

As of 2/22/2013

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Changes are highlighted in Yellow.

1 Safety Equipment

1.1 Driver

Driver Suit

Fire Suits one piece is STRONGLY RECOMMENDED.

Fire resistant gloves and shoes are mandatory.

NOMEX underwear is strongly suggested.

Helmet

Helmet must have a SA 2005 or newer sticker. 2010 will be the last year that SA-2000 will be allowed to be used.

Driver's helmet should carry name, blood type, allergies and date of last tetanus shot along with pertinent medical history – this is optional, but suggested.

A helmet with an M sticker does not have a NOMEX lining and will not be allowed.

Other

1.2 Driver Compartment

Window Net

Full window nets are mandatory. Unless using arm restraints.

1.3 Fire Equipment

Car

Fire extinguisher or flame out system is required to be mounted in the driver's compartment (dry chemical type).

Pit

Each pit area must be equipped with a serviceable A-B-C type (dry powder) fire extinguisher minimum 7.5 pound capacity. This is in addition to extinguisher in race car. The extinguisher must be visible from pit road.

1.4 Seat

1.5 Seat Belts

Seat belts minimum 5 point type is mandatory. Belts must be less than 2 years old if no tag is visible depending on condition a one race grace period may or may not be given.

1.6 Communication

Raceceivers and transponders are MANDATORY! Raceceivers and transponders are available for purchase or rent at the track.

No scanners, two-way radios, cell phones, signaling devices or other means of communication may be used.

1.7 Miscellaneous

All items which pertain to safety will be up the discretion and interpretation of OFFICIALS.

Fuel switch must be labeled on and off.

Driver's compartment must be completely sealed from engine compartment.

2 Weight

2.1 Class Weight Rules

All cars must weigh at all times no less than 2300 lbs. With driver.

2.2 Add-On Weight

3 Chassis

3.1 Eligible Models

3.2 Dimensions/Wheel Base

Minimum wheelbase minimum 103".

Maximum Body width is 76 inches.

3.3 Frame Specifications

No aluminum frames or front clips.

All frames must be of steel construction, and must be a minimum of 2"x2" square or rectangle with a minimum material thickness of .083 inches.

Round tube chassis must have a minimum outside diameter of 1-3/4" with a minimum material thickness of .083 inches. These chassis must use DOM grade or better material for construction.

All cars must be equipped with a tow hook or similar device both front and rear of car.

3.4 Roll Cage Specifications

3.5 Driver's Compartment

Devices that allow a driver to alter wheelbase or weight jacking while car is in motion is prohibited and must be removed.

No mirrors of any kind

3.6 Steering

Rack and pinion steering will be allowed.

3.7 Front Suspension

OFFICIALS reserve the right to prohibit certain types of suspensions.

All front suspensions must be of A-frame configuration, A-arms may be replaced with tubular replacements. Straight axel not allowed.

3.8 Front Springs

Spring rods will be allowed.

3.9 Rear Suspension

OFFICIALS reserve the right to prohibit certain types of suspensions.

3.10 Rear Springs

3.11 Shocks

3.12 Brakes

All cars must be equipped with a minimum of three wheel brakes and they must be in good working order.

All brake rotors must be steel, no carbon fiber allowed.

3.13 Electrical and Electronics

Battery

All batteries must be mounted in an approved manner in front of the fuel cell.

No batteries allowed in the driver compartment.

Electrical

Electronics

No electronic controlling or other devices (traction control) of any kind are permitted.

3.14 Engine Compartment

3.15 Engine Location

Centerline of crankshaft may not vary more than one inch (1") from centerline of front Stub.

Maximum engine setback will be six inches (8"), measured from the center of the upper ball joint to center of front spark plug hole. NO TOLERANCE.

4 Bumpers, Nerf Bars & Rub Rails

5 Engine

5.1 Block

Must be produced by American manufacturer.

5.2 Crankshaft

Titanium crankshaft not allowed.

5.3 Connecting Rods

Titanium rods not allowed.

5.4 Pistons

5.5 Heads

5.6 Springs

5.7 Valves

Titanium valves are OK.

5.8 Camshaft

No overhead cams of any type.

5.9 Rockers

Oil Pan

Dry sump oil systems may be used.

There must be an inspection hole, minimum one-inch (1") diameter in the oil pan for rod and crank inspection. Be prepared to drop pan if hole is not available.

5.10 Intake

5.11 Air Cleaner

5.12 Fuel Delivery System

Carburetor air dams or devices to increase airflow to the carburetor are NOT allowed outside of air cleaner.

Only fuel pump type that is allowed is a mechanical. Both electric and pressurized fuel system are not allowed.

5.13 Ignition

The ignition switch must be mounted in the driver compartment and clearly marked ON/OFF.

5.14 Starter

All cars must have starter in working order.

5.15 Cooling System

Any single radiator may be used. Must be mounted in front of engine.

Water only to be used for coolant. Use of antifreeze results in disqualification. Water Wetter or equivalent ok.

No modification to hood for radiator installation allowed.

Oil coolers allowed, must be mounted outside drivers compartment.

6 Drivetrain

6.1 Bellhousing

6.2 Clutch

6.3 Transmission

Transmissions must have at least two forward speeds and one reverse gear plus a neutral position.

Must be able to put in and out of gear with the car sitting still and the engine running.

6.4 Flywheel

6.5 Driveshaft

Must use steel or aluminum drive shaft and universal joints in a similar to standard production.

All drive shafts must be PAINTED WHITE or ALUMINUM.

All cars must have TWO drive shaft safety hoops or a chain.

6.6 Rear End

Quick change center sections are legal. No open tube rear ends are allowed. No chamber rear ends are permitted.

Rear-end coolers are permitted however they cannot be mounted in the driver compartment.

6.7 Miscellaneous

7 Exhaust

7.1 Manifold/Header

7.2 Exhaust System

7.3 Mufflers

MUFFLERS mandatory with strict db reading of 95 decibels at 100 feet.

8 Body

8.1 Body, Body Types

No modification to hood for radiator installation allowed.

All cars must have complete bodies, fenders, hood, nose and roof.

Complete aluminum replacement bodies are permitted.

Roof line must be stock appearing; window opening height must be a minimum of 12 inches.

All body parts must be securely mounted; hood must have approved quick pull positive hood pins.

Driver's compartment must be completely sealed from engine compartment.

Glass windshields are not allowed. The windshield must have mesh type screen in front of the driver with openings from minimum 1/4 to maximum 1inch in size.

MAXIMUM 3 SUPPORTS

NO DEVICES ALLOWING ADJUSTMENT FROM THE DRIVERS COMPARTMENT

MUST BE TRANSPARENT

Roof support may have plastic in windows or be painted to simulate a window.

Side fins allowed.

Maximum Body width is 76 inch.

No air dams or tunnels will be permitted anywhere.

Cars must have a visible number on both doors and roof.

Head light Stickers are strongly recommended.

8.2 Spoiler

Spoilers SPECS

Maximum Height 8 inches TOTAL

Maximum Width 72 inches TOTAL

8.3 Body Appearance

8.4 Identification

Each car needs to have the type of fuel they are running in lettering at least one inch high on both sides of the car. This is for tech/scale/safety personnel.

9 Fuel System

9.1 Fuel

Race Gas or methanol no nitrous oxide, no nitro methane or other nitrate additives.

No propylene oxide or other oxygen bearing additives allowed.

Fuel samples may be taken and analyzed for composition.

Fuel type must be visible for safety crews. Both on the car and the fuel cell. The letters A or G will be enough.

9.2 Fuel Cell

An approved fuel cell with a maximum of 32 gallons must be used mounted between the frame rails as far forward as possible and not to extend below the rear-end housing.

All fuel cells must have a minimum of two approved safety straps. A top feed fuel cell will be required in 2006 no other cells will be allowed.

All fuel cells must be enclosed in an approved container of not less than an 18-gauge metal.

All cars must have guards or bumper extensions made out of at least 1.50 tubing turned forward or capped with no sharp edges. They must be separated from the fuel cell.

Fuel cell guards must come to the bottom of the fuel cell.

Roll over valves are required in the vent line.

Fuel type must be visible for safety crews. Both on the car and the fuel cell. The letters A or G will be enough.

10 Tires and Wheels

10.1 Tires

Hoosier tire only D-55, WRS or WRS-2 only.

10.2 Wheels

Maximum wheel width permitted 14", wheel measured inside bead. All wheels must be approved by the OFFICIAL.

Bead-lock wheels are allowed.

PETALUMA SPEEDWAY

2013 Late Model Rules

11 Miscellaneous Class Specific Rules

Cars found to have an illegal ENGINE will be fined up to $5000.00 and or loss of all points for entire season to that point.

12 Disclaimer

FROM: THE MANAGEMENT OF PETALUMA SPEEDWAY

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 EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND/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 race director shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final. REFEREE'S DECISION IS FINAL.

2004 STATE RULES ALLOW NO LIQUID DUMPING FACILITIES AT THE FAIRGROUNDS. Each race car that enters the Fairgrounds Pit Area MUST have an empty container(s) approved by the MANAGEMENT OF PETALUMA SPEEDWAY that will hold at least 2 gallons of used oil (fluids) for collecting anything that may be drained out of the race car or tow vehicle at each event. These container(s) must be removed with the racecar after every race and be disposed of at an approved facility at the owner's expense.

IMPORTANT NOTICE

It is ultimately the obligation of each participant to insure that his/her conduct and equipment comply with all applicable Petaluma Speedway rules and regulations as they may be amended from time to time. No expressed or implied warranty of safety shall result from publication of or compliance with these rules. They are intended as a guide for conduct of the sport and are in no way a guarantee against injury or death to participants, spectators or others.