

REDWOOD ACRES RACEWAY
LATE MODEL
2022 RULES

The rules are intended to promote fair competition and control racing costs. The lower cost options in engines and other expensive parts will be used as the basis for competition and given the advantage when competition is not in balance. Consistency with neighboring tracks will also be given strong consideration. No pretense is made for having designed a foolproof set of rules and regulations. The assumption is that cars are professionally built straight rail and perimeter cars with standardized safety construction. If this rulebook does not specifically address an issue that may be outside of the overall rule intentions, ask first.

COMPETING MODELS

- Open to stock appearing automobiles, provided they comply with, and adhere to specifications as outlined for this division
- Chassis may be fabricated in whole or in part.
- Engines may be interchanged across chassis and body makes

WEIGHT

- The following weights and RPM limits have been assigned to their respective engine combinations.
 - A. Factory Sealed GM 602 Crate- 2700 Pounds- 60% Left- 6400 RPM
 - B. Factory Sealed GM 604 Crate- 2750 Pounds- 60% Left- 6600 RPM
 - C. Factory Sealed Ford Crate D347SR- 2800 Pounds- 60% Left- 6600 RPM
 - D. Open Motor/Non-Conforming motors- 2900 Pounds- 58% Left- 8000 RPM
*50 pounds weight deduction for for wet sump and a 7600 RPM limit

CHASSIS/ BODIES

- The allowable range for wheelbase is 101 to 105 inches
- ABC conforming metal or fiberglass bodies permitted
- Body must be mounted as designed without alteration, cutting or other modifications. Bodies conforming to the ABC Official Rulebook Version 9.0 will be considered legal.
- Cars from other tracks with non-conforming bodies may be approved to race with prior approval.
- The following measurements from the ABC Official Rulebook Version 9.0 will be strictly enforced:
 - A. The maximum front overhang from the centerline of the spindle to the leading edge of the lower air dam at the centerline is 46 inches
 - B. The maximum distance from the base of the rear window at the center measured directly across the rear deck to the base of the spoiler is 23 5/8 inches
 - C. The maximum spoiler height is 6 ½ inches and the maximum width is 60 inches measured across the back.
- The maximum track width is 80 inches for straight rail cars and 82 inches for perimeter cars, respectively, measured from the outside to outside of the tire at spindle height. Front ends may be restricted/ bound to racing compression height during the measurement.

DRIVETRAIN

- Transmissions must have functional forward and reverse gears
- Must have a starter in working order
- Must have a working clutch
- Drive shafts must be steel or aluminum and have two drive shaft hoops; front and rear.

WINDOW NET

- Window net is mandatory on the driver's side.
- Recommended minimum window net size will be 22" x 16" of 3/4" rib type nylon material.
- Window net tabs must be welded to the roll cage, with a steel rod run through the net for mounting. The net must latch at the top and the latch must be accessible to safety officials. No plastic fasteners allowed.

SUSPENSION

- No suspension part, including sway bars, track bars, shocks or weight jacks, may be adjustable by the driver from within the driver's compartment.

BRAKES

- Must have working brakes on all four wheel

ELECTRICAL

- A master on/off battery switch must be located on the roll bar directly behind the driver's seat or in the center of the dashboard that is accessible from the outside of the car.
- No traction control devices of any kind.

TRANSPONDERS

- Must be located 13' ($\pm 1''$) from the tip of the front nose of the car with a clear sight of the track surface (sheet metal will degrade the signal).
- If the bumper-to-transponder distance changes for any reason (like damage, repair, or modification), either the front nose or the transponder mount must be adjusted to re-establish that distance before every event.

WHEELS AND TIRES

- 10" racing wheel, steel or aluminum.
- RAR approved tire is an American Racer EC84
- Tires must be purchased from Redwood Acres Raceway on day of race.

ENGINES

- Engine block must be cast iron conventional V-8
- Must be pushrod style
- Maximum of 2 valves per cylinder

CARBURETION

- Any single 4150 style carburetor permitted.

COOLING SYSTEMS

- Plastic radiator overflow tank and overflow system required

OTHER SAFETY ITEMS

- For all safety devices it is the responsibility of the driver, not Redwood Acres Raceway, its officers, or its agents to ensure his/her safety device systems are correctly installed, maintained, and properly used at all times. As with safety items Redwood Acres Raceway strongly recommends that the driver carefully study all manufacturers' installation and usage guidelines and adhere to these recommendations to the highest extent possible.
- The driver must wear an SFI approved driving suit
- Must have at least one (1) fire extinguisher of at least 2 -3/4 lb., or a commercial fire system, mounted in easy access of the driver, and with gauges or status indicators readable from either the driver or passenger window.
- Driver must wear a helmet with a valid SA 2005 standard Snell and/or SFI 31.1 or 31.2 sticker.
- Must have face shield or goggles.
- SAE approved Head and Neck restraints will be **required** in 2022.
- Must have a 5 point SEMA approved racing harness with at least a 3" wide lap belt, 2" wide shoulder harnesses, and a crotch strap. Must be directly secured to the roll cage. The shoulder harnesses must be mounted with stress point at shoulder height.
- All belts must have the manufacturer's date tag, be no older than five (5) years, and in good and serviceable condition.
- A steel or aluminum racing seat is required.
- Seat must be mounted with a minimum of 4 3/8-inch grade 5 bolts.

ROLL CAGE

- Roll bar tubing at least 1 3/4" OD .090" thick. No galvanized or black pipe.
- A full four-point cage over and around the driver, including:
 - A. One (1) dash bar.
 - B. (1) diagonal bar behind the seats from the top corner to the opposite bottom corner of the cage.
 - C. Two (2) bars from the top rear of the car to the rear frame.
Doors Bars
 - D. Four (4) horizontal and two (2) vertical bars on the driver door.
- No offset, chopped, or narrowed cages. The right side of the cage must be no narrower than the right side of the front and rear sub-frames.
- All areas around the driver must be padded, including the door plate.