



## LIGHTNING VINTAGE CLUB - HARD BODY NASCAR OCT 7, 2017



### RACE FORMAT / RACING TECHNICAL REQUIREMENTS

**CARS :** Hard body 1/24 or 1/25 bodies must be used within a range of 1949 to 1970.

**BODY :** Bodies must not be modified or cut in any way and must sport a minimum of 3 racing numbers except "dirt track" style bodies are allowed with opened fenders. Tires may not extend outside the body when viewed from above. More realistic racing liveries will be an advantage in the Concors judging which will be 50% of the results leading to the trophy presentation. Cars must start each race with all parts intact except for mirrors, wipers, antennas and similar small protruding parts. Cars losing bumpers or other main body components must complete repairs under green flag racing conditions and cars without all original main body parts may not score racing laps. Bodies may be attached to chassis using any type/brand of screws / mounts. Cars may have simple tray interiors or vacuum molded interiors although hard plastic realistically painted drivers will be preferred in Concors judging. All windows must be kept transparent with the exception of Tampos /decal headers.

**CHASSIS :** Original or Reproduction BRASS AMT 1/24 Chassis are required. NO TRACTION MAGNETS are allowed. No modifications to axle mounts or bushings are permitted – ball bearings are allowed. Any axle spacers or stoppers are allowed. Any ballast may be used but not under chassis. Any plain or threaded stock axle may be used. Ground clearance tech at the rear of the chassis must clear a 0.025" tech tool.

**WHEELS AND TIRES :** Tires front and rear must be 1" minimum diameter. Silicone coated rear tires are allowed.

**GUIDE BLADES / BRAID :** Any guide and guide shims may be used as desired.

**MOTOR :** Stock FT36D Mabuchi motors are allowed including Cox NASCAR. No rewinds, dewinds or balancing is allowed.

**CAR LUBE :** Lube may be applied prior to tech submittal but no further addition of any fluids is allowed during competition.

**GEARING :** Any gear ratio is allowed using and any brand pinion and inline crown gears.

**LIGHTING :** May be added (Optional) and only minimal body modifications are allowed if lights are fitted.

**GENERAL RULE :** Any car modification not specifically permitted is prohibited.

### RACE FORMAT

**CONCORS JUDGING :** 50% of the final results will be based on Concors judging conducted before racing begins.

**RACING TRACK :** Races will be run on the 8 Lane "Laguna Seca Raceway" with Track Power set to 12 Volts DC.

**TIME PER HEAT :** 3 Minute race heats will be run with computer rotation of all entrants on 4 lanes of the 8.

**LANE CHANGE :** Race officials only will move the cars to the correct racing lane or sit-out as appropriate. Drivers are required to affix lane color stickers after cars are placed. No braid straightening, tire cleaning or any other maintenance is permitted during lane change

**RACE REPAIRS :** Race repairs if required must be completed on the designated pit table under supervision of the race stewards under green flag race conditions. No work may be completed during the lane change periods.

**RACE CORNER MARSHALING :** Racers not in a specific heat are required to marshal the track as directed by race control. Corner marshals are not allowed to repair any car defects with the exception of minor braid straightening.

**TRACK CALLS :** Track calls are specifically prohibited with the exception of track power or lap counting malfunctions.

**CONTROLLERS :** Any controller may be used that does not add to, store or modify the track power supplied in any way.

**POST RACE TECHNICAL INSPECTION :** Final technical inspection will be conducted at the conclusion of racing for the top 3 finishers and further racers if any disqualifications. Initial approval when first submitted to tech does not guarantee final post-race approval.

*Entry Fee \$0*

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