

SANTA MARIA Raceway 2017 Limited Late Model Rules

These rules apply to the Santa Maria Limited Late Model Series and not the Super Late Model Open Motor class. The Super Late Models will ONLY be running at the Nationals and the Simkins Memorial. The Santa Maria Limited Late Models will run all the Late Model Shows on the 2017 Schedule as the SM Limited Late Models. This is a separate class distinct from the open class of Super Late Models, But the Supers may run with a restrictor plate as specified below in the engine rules. These rules may be adjusted for competition and workability reasons. The following rules are subject to change without notice! All Santa Maria Raceway decisions are final

RaceCeivers MANDATORY AT ALL TIMES

ENGINES RULES

All motors 850 CFM carburetor maximum. Two valves per cylinder, one spark plug per cylinder.

1. Here are the engines specs approved for the SM Late Models:

(A) 602/604 Crate Motor*-Any carburetor up to 850 cfm must pass go-no-go gauges, Weight: 2200 lbs. Ignition chip: 6600 rpm chip – 12 inch rear Spoiler allowed.

(B) 363cid max-10.5:1 Iron wet sump block, any intake, any steel head untouched with stock valve angles 23 degrees, any stud girdle, roller rockers, flat tappet cam, timing gear drive. Carburetor up to 750cfm must pass go-no-go gauges. Weight: 2200lbs. Ignition chip: 6800 rpm chip, NO Aluminum or titanium rods, NO roller cams, NO shaft rockers. – 10 inch Rear Spoiler Allowed

(C) All Cast Iron Motors-IMCA Modified Open Motor Rules package. Roller cams allowed, Carburetor: Weight: 2250 lbs.- 10 inch Rear Spoiler allowed. Stud Girdles Allowed.

(D) CTC 525 Crate Motor*- Wet sump only. 850 CFM Carburetor. Weight: 2300 lbs. Ignition chip: 6200 chip. – 9 inch Rear Spoiler Allowed.

(E) Aluminum headed or full aluminum open motors. 850 CFM carburetor. 1" restrictor plate, non-adjustable, per track specification, manufacturer and model number. 2300 lbs. any time, no fuel burn off allowance. One spark plug and two valves per cylinder. 8 inch spoiler allowed.

***ALL CRATE MOTORS MAY BE UNSEALED, HOWEVER, ALL UNSEALED CRATE MOTORS MUST STILL MEET AND PASS THAT MODELS ENGINE SPECIFICATIONS AND LIMITS!**

All weights enforced at any time by SMR tech inspection. No fuel burn off allowance. Engine type must be identified with letter designation (A-E) on top right front fender for scale operator identification. 3. If you have any questions about the legality of an engine please contact the racetrack. 4. Engine set back max 8" from #1 spark plug to center of left ball joint.

CHASSIS

1. No part of frame may be aluminum or titanium.

2. Wheelbase minimum of 101" at any time. (Either side)
3. Wheel width from side to side is 88 inches maximum. Measured from outside to outside of rear tires.
4. Jig chassis allowed.
5. Clip chassis allowed.
6. No underbody shields allowed.

LEAD BALLAST

1. All lead must be solid blocks. No lead shot permitted.
2. All lead to be painted white with car number on it. This is a safety issue
3. All lead must be securely fastened with minimum of grade 5 bolts minimum of ½ inch.
5. If you lose lead on the track you will be disqualified.

BUMPERS

1. Front bumpers will be of aftermarket tubular design.
2. Rear bumpers may be made from round stock less than 1-3/4 inch and/or square stock 2x3 inches or less. Must be hollow, no lead filled bumpers.

Main horizontal bumper bar may extend past the main frame rails by 4 inches maximum on each side. A lower hoop off the main bar is required to protect the fuel cell.

3. No stock bumpers allowed.

CARBURETORS

1. See specific engine class designation. Carburetors must pass go-no-go gauges.
2. No fuel injection, nitrous oxide or pressurized intake systems allowed.
3. Two throttle springs mandatory.

DISTRIBUTOR

1. No magnetos.

IGNITIONS ALL CARS TO HAVE MSD 6 AL BOX UNACCESSABLE TO DRIVER DURING COMPETITION, BUT ACCESSABLE TO TRACK OFFICIALS. SINGLE BOX per car ONLY. TRACK OFFICIALS RESERVE THE RIGHT TO INSTALL RPM LIMITING CHIP TO CREATE FAIR COMPETITION.

ELECTRONIC DEVICES

1. NO TRACTION CONTROL (Result in loss of points for the season and \$1000 fine to be paid before you race another event).
2. No traction control wiring harness permitted even if not in working order.
3. No electronic devices allowed on any car thereby enhancing adjustment of that car.

4. No remote control devices allowed on any car during any event.
5. No electronic devices controlling shocks.

TRANSMISSIONS

1. May use any transmission such as Bert or Brinn type.
2. May use any clutch with any OEM transmission.
3. Must have working clutch with forward and reverse gear.
4. Air shifters not allowed.
5. In and out box of any type is not allowed

DRIVE SHAFTS

1. Carbon Fiber, Aluminum or steel drive shafts permitted.
2. Drive shafts must be painted white or silver. This is a safety issue.
3. Drive shaft loops are mandatory. This is a safety issue to you and your fellow competitors.

REAR ENDS

1. Any Standard or Quick Change Rear End or Ford Floater.
2. No open type (sprint car) rear ends.

BRAKES

1. All cars must have operational 3 wheel braking systems.
2. Proportioning valve allowed.
3. Rotors must be all steel. No carbon fiber brakes allowed.
4. No titanium components allowed.

SHOCKS and SUSPENSION

1. Steel or Aluminum.
Standard "Afco", "Integra", etc. type shocks permitted
3. No cockpit adjustable shocks.
4. No Nitrogen filled bump stops.
5. One spring per corner. No stacked springs. No beehive style springs.

WHEELS

1. 14" maximum width only.
2. Steel or Aluminum wheels only, carbon fiber and titanium wheels are not allowed
3. Bead locks permitted. Wheel spacers permitted.

TIRES

1. Hoosier D55 SPEC Grooving, grinding and siping is allowed
2. Tires can be checked by officials at any time.
3. Absolutely no chemicals to be used on inside or outside of tires.
4. Must durometer no lower than 52 any time. No tolerance.
5. One set of tires per night, the tires you qualify on are the tires used in all racing that night. If tire is damaged and cannot be used in subsequent races in a given night, a Late Model Official

must observe tire, verify it was used that night, that it is a safety hazard to continue use of the tire, and approve replacement.

FIREWALL

1. Firewall edges be completely sealed with silicone or similar material. Firewall must be sealed tight.
2. Suggested that floor be reinforced for safety.
3. Note that sheet metal beside driver should be strongly reinforced or heavier gauge used in this location.

SPOILERS

1. Refer to Engine & Weight section for allowed heights. Measured vertically total of all material including any turns or wicker bills.
2. Maximum width 72 inches.
3. Adjustable spoiler permitted up and down only. Side to side not permitted. Spoiler may not be adjustable during the race.
4. Spoiler may not extend over side of car.
5. Spoiler supports / sides limited to same height dimension as spoiler.

BODIES

1. Aluminum bodies only, no steel, fiberglass or carbon fiber body panels allowed!
2. Standard Dirt type bodies only.
3. OEM style nose pieces. No wedge noses. Nose may not extend beyond 52" of centerline of front hubs.
4. Minimum driver's side window opening 12"
5. No side boards, wings or roof mounted spoilers.
6. No lips allowed on roof, sides or nose that may be utilized for spoiler purposes.
7. Front fenders and hood must be level and flat from left side to right side of car and at least as far back as engine plate.
8. Must have at least one number on both doors and number on roof.
9. 76 inches maximum deck width measured at any point along deck.
10. Minimum 1" gap between C-pillar and spoiler side
11. Max deck height 39"
12. Any perforations in sail panels must be matching on both sides of car.
12. Right side body must be flat front to rear and no bowing of right side as measured from top and side of body.
14. Car must have 4 wheel openings.

ROOFS

1. No carbon fiber roofs permitted
2. Fiberglass roof and or carbon fiber edges permitted. Must be parallel to body.
3. Must have roof supports. No lips allowed.

INTERIOR

1. Interior body work may be dropped a maximum of 3 inches below the door and must be a minimum of 12 inches from bottom of roll cage in roof.
2. Flat interior must maintain a minimum of 12 inches from roll cage to allow for easy exit in emergencies

ROLL CAGE

1. No aluminum or titanium cages permitted.
2. Drivers door plate highly recommended.

DRIVERS COMPARTMENT/DRIVER SAFETY

1. Fire suit mandatory. One piece or two piece.
2. Racing shoes and gloves are mandatory.
3. Neck roll or head / neck restraint system mandatory at all times.
4. Seat of racing type design and bolted to frame not floor.
5. Quick release steering wheel mandatory.
6. Batteries may not be located in driver's compartment.
7. Full face helmet with shield, minimum Snell rating of SA2000 is mandatory.
8. Full set of racing seat belts and mounted to frame and not floor mandatory. Oldest date acceptable 3 years prior
9. A Window net or arm restraints mandatory.

FUEL CELL

1. Any size or type of metal housed aftermarket racing fuel cell permitted up to 32 gallons.
2. Must be securely strapped with minimum of two steel straps.
3. Straps must be 2 inches wide x 1/8 inch thick.
4. Must be mounted inside fuel cell steel box
5. No part of fuel cell may be below bottom of rear housing.
6. No electric fuel pumps

MIRRORS are not allowed!

RADIOS are not allowed