



2023 NSS FL MODIFIED Rules

** In conjunction with the Modifieds of Mayhem, New Smyrna Speedway is converting with their rules to further promote and better modified racing for the state of Florida.*

PLEASE BE SURE YOU HAVE READ AND UNDERSTAND THE GENERAL RULES, SAFETY RULES AND DRIVER SAFETY EQUIPMENT BEFORE CONTINUING.

CAR:

1. American made, factory production, 1970 or newer with parallel frame, rear wheel drive only. Minimum wheelbase 108" and must be within 1/2 side-to-side.

WEIGHT / ENGINES:

2550 Minimum for Built engine.

2500 Minimum for "Pro Late" Crate Engine.

- a. GM # 88958604 with the following updates, GM Cam #24502586, 1.6 rocker arms, Comp Cam valve springs #941-16, Champ oil pan # CP106LTRB and Balancer.
 - b. Ford # M06007-D347-SR with 1.5 rockers. No Spacer
 - c. McGunegill Ford # 425LM with 1.5 rockers. No Spacer
- Crate engines may be refreshed, but must retain all manufacturers specifications unless specified. No reground cams. Maximum compression all Pro Late Model Crate Engines 10.0. Recommended rocker arms will be Crane Cams. Re-built engines must have seals from a re-builder on the S.E.A.L. approved list or carry a 75 lb. penalty.

2550 Minimum for CT525.

- a. GM Part Number: 19331563 Must mount 50 lbs. at motor mounts.
- b. CT 525 Maximum Compression 10.7:1. Seals on all engines must remain in place and be unaltered.

1. All car 58.0% Left side maximum without refueling at all times.
2. No titanium products, parts, components or gun-drilled, tubular, hollow bolts or studs allowed on chassis or suspension.
3. 4.1(One) Pound per scored lap Burn off allowed after Race.
4. No aluminum blocks for Built Motors.
5. No Dry Sump Systems allowed. Single stage external pump allowed (No external tanks).

CARBURETOR:

1. Only one 2 barrel or one 4-barrel will be allowed. Right Front carburetor stud must have a 1/8" hole for sealing purposes.
2. Must qualify and race with the same combination. No externally adjustable restrictor plates will be allowed.

IGNITION:

1. MSD or One Crane/Fast Ignition part # 6000-6701 or JMS – Daytona Sensors' part # 6000-6701K only as produced and mounted on right side of car dials pointed out the passenger side on original plate. Not under seat.
2. 7600 rev limiter required for built motors.
3. 6700 rev limiter required for CT525. MSD Part # 6014CT. Must have a straight-line timing curve.
4. One battery permitted. Maximum 16 volt and mounted securely outside of driver's compartment.
5. All wiring must be sealed. No unplugged wiring.
6. NO Traction Control Devices of any kind – If any 'traction control' device is found, the driver and owner will be disqualified from the event and possible Suspension and Fine.

CHASSIS:

1. OEM stock full chassis, clips or fabricated / tubular frames (must be approved by Tech). Reproduction 68-72 Chevelle frame approved. 2002 Ford Crown Victoria or similar frames allowed.
2. Frames may not be widened or narrowed and must be able to support roll cage on both sides. Front cross member may be notched for radiator clearance only. NO widening or fabricating of cross member. Must maintain stock measurement from cross member to A frame bolts.
3. Ride height minimum 4" Body, Frame and Lead at all times. No pulling up on car in tech line.
4. MODIFIED TUBE CLIP: Howe replacement clip recommended. Must use stock lower A-Frames, steering box and idler arm. Must maintain 3 ¼" from lower control arm bolts to bottom of cross member at all times. Lower mounts must be solid and nonadjustable. Must measure 17" - ¼" tolerance from center bolt to center bolt on front side of lower control arm and 27" - ¼" tolerance on the front side of the rear of lower control arm and any tube clip that doesn't meet these specs will be deemed illegal. Must meet go / no-go gauge... Tube clips must have 50lbs. in front of fly wheel. (This is not an opportunity to be creative)

SUSPENSION / STEERING:

1. Front steering must be unaltered and be in stock location unless noted. Aftermarket drag link allowed. Tie rods and adjustment sleeve may be replaced with 5/8" heims and tube.
2. OEM and fabricated spindles must be steel. Bottom A-frames cannot be altered or moved. Steering box must be steel approved OEM and must remain within original bolt pattern for type of frame used. No rack & pinion allowed.
3. Minimum of 500 lb. front spring rate and absolutely no bump-stops, coil binding, short shock shafts or chassis stops of any type and will be checked by putting front tires on ½" blocks and cross-member/nose on the ground.
4. Coil over kits with minimum of 4.5" springs on rear only. A maximum 2 spring rubbers allowed per spring. No driver adjustments will be allowed from cockpit except Brake Bias knob. Front sway bar must be stock appearing and maximum diameter of 1 3/8".
5. One (1) shock absorber per wheel, may be steel or Aluminum.
6. All shocks must be non-adjustable or single adjustable only
7. Only single shaft bleed adjustment through a tapered needle into a jet in the hollow shaft allowed. No blow off shafts or high speed rebound shafts allowed.
8. No external reservoirs of any kind.

BRAKES:

1. Front and rear brakes must consist of stock appearing components only, Single Piston and must lock up all four (4) wheels. Dual Piston add 25 lbs.
2. Only one brake bias adjuster allowed inside cockpit.

BODY:

1. Full roof is mandatory and must cover complete halo bar. No drip rails allowed.
2. Body sides must mount straight on chassis (measured with 6' foot straight edge on RR wheel and be equal) with a maximum length of 120" starting from back of engine, maximum width of 66" and maximum body rake of 6" must be straight front to rear and flat.
3. Sail panels may be 4.5" maximum height with a gradual slope from the roof to this point and end at least 2 inches from spoiler.
4. 12"x18" window opening (Height and Width) measured at Center of Window (will be enforced). Between lowest points at top of window whether roof or roll cage and the highest point at bottom of window whether interior or body.
5. Maximum front nose width 43 ½ inches and all non-Five-star noses may have a maximum of Two 2 ½" lips on top of nose only, no splitters, ledges or fins. Maximum front Nose / Bumper length is 42 inches from center of front wheel.

6. Rear measurement from center of wheel to end of body maximum 48".

7. A 12" maximum length triangular enclosure at the 'A' pillar will be allowed. No interior or exterior wings, belly pans, double skinned roofs, fins, wings, vanes, vertical ledges, ramps or any other air directing devices are not allowed.

8. Engine compartment must remain open. All cars must have steel side nerf bars mounted even with outside of tire. Must maintain 4" ground clearance at all times.

9.8" panel required in Rear / 90 degrees to the ground. Must be solid, attached to the deck and extend to the quarter panels, securely fastened. Must display car number.

All body rules are at the discretion of tech official and must be met or a minimum of 50 pounds per infraction may be assessed.

SPOILER:

Option 1: 5" x 60" rear spoiler centered on body with maximum of 4 straight forward braces no longer than 16" and no taller than spoiler. May use Rear "Late Model" Braces. Gurney flaps or curls are allowed but will be included in all measurements. Clear Poly Carbonate or "Lexan" Spoilers highly recommended. Option 2: 4"x66" Rear spoiler 45 degree to the deck is allowed with all braces to the rear of spoiler.

BUMPERS:

1. Height 20" Max - 16" Min (Ground to center of Bumper front and Rear)

TIRES / WHEELS:

1. Hoosier F-70 Tire on 8" steel wheels, lugs and studs only.

2. Drivers soaking or altering tires in any way will forfeit all purse and points for the event. Driver must also pay a \$1,000 fine prior to being allowed to compete with the MoM Tour. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.

3. Maximum overall track width 66-inches measured with the referee. (68-inches center to center on tread). Wide-five hubs will not be allowed.

4. Cars must qualify and race on the same tires. Scuff may be used in case of flat.