

# Modified Rules 2019

\*MIS Officials shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications.

\*MIS reserves the right to update, modify, and/or delete rules at any time deemed necessary to insure safety, fair competition or any other reason that may be appropriate.

\*Cars, parts and or equipment will not be considered as having been approved by having passed through inspection at any time or number of times unobserved or undetected.

\*Any interpretation or deviation of these rules is left to the officials. Any decision of MIS Officials is final.

\*All car covers, wheel covers and ect MUST be removed before getting in tech line! Covers found on cars in tech line will be permanently confiscated!

\*Cars must meet all safety requirements to enter track.

\*TRACK OFFICIALS must approve all safety equipment.

1. 2450lbs minimum 604 Crate engine **58.0%** Left side maximum w/o refueling.
2. 2500lbs minimum Pro Late Crate engine **58.0%** Left side maximum w/o refueling.
3. 2500lbs minimum Built engine **58.0%** Left side maximum w/o refueling.
4. 2550lbs minimum Built engine **57.0%** Left side maximum w/o refueling.

All lead (No Tungsten or other exotic metals) must be mounted above frame/inside frame rail with a minimum of two (2) ½ inch bolts. All weights must be painted white or florescent with the car # on each piece. Any driver that loses any lead from their car will be fined \$10.00 per pound payable prior to any further competition. This rule is in effect during race day or practice days.

No titanium products, parts, components or gun-drilled, tubular, hollow bolts or studs allowed on chassis or suspension.

## FUEL

Sunoco Racing Fuel only with no performance-enhancing fuel additives of any kind. Fuel cell required and a 22 gallon maximum and mounted no lower than rear housing. Lines to fuel pressure gauge must be steel braided type. Oberg # SV-0828 or SRI # FFF-FSV Fuel Valve will be mandatory for supply line.

## ENGINES

Rear of engine (bellhousing flange) must be mounted at least 72 inches forward from centerline of rear axle. Engine offset must be kept within two inches of centerline of front crossmember with engine level. Minimum 11 inch engine height from ground to center of crankshaft. Radiator must be mounted in front

of engine. Manual and/or electric engine cooling fan allowed. All belt driven accessories must be on front of engine. Mechanical or belt driven pumps only and must be mounted at front of engine. No electric fuel pump. No electric power steering pump. No Reverse rotation engine. No dry sumps. Wet sump only.

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

Everything listed above in the engine section applies to all 4 engine options.

Engine **Option 1**. Must use unaltered GM #88869604, #88958604 or #19318604 crate engine. Must meet all GM specs.

Engine **Option 2**. Built Pro Late Engine

Engine **Option 3**. Any American make steel engine block allowed. Aftermarket & OEM performance blocks. Any intake manifold. Steel cylinder heads and oil pan only. Flat tappet cam/lifters and stud-mounted rocker arms only. Screw in studs & guide plates ok. No stud Girdles. Magnetic steel retainers only. No shaft, pedestal, or offset rocker arms, titanium engine components, or mushroom lifters. Lifter diameter & configuration must match OEM block. OEM firing order cannot be changed (GM: 1-8-4-3-6-5-7-2).

Engine **Option 4**. Any steel block V-8. (Holley 2brl carb mandatory in 2020)

## DRIVELINE

Must have at least two forward gears and one reverse, plus a neutral position. With engine running and 'out boxes allowed. OEM & Aftermarket trans allowed (Bert, Brinn, Falcon, Jerico, Tex, 2-speed, 3-speed, 4-speed and automatic). No 5-speed or more trans, Automatic trans must run scatter shield.

Steel or Aluminum (Steel only in 2020) drive shaft & must be painted white with two 2 drive shaft loops.

## FRAMES

Must maintain 4" ground clearance at all times. Factory production complete full 1960 or newer parallel American rearwheel drive passenger car frames only. No Jeep, Bronco, sports car, four-wheel-drive or front-wheel-drive frames allowed. Steering box must be original bolt pattern for type of frame used. No rack & pinion allowed. Frames may be cut in rear only at point no further than 36 inches from center of rear-end housing. Front cross member must remain intact where joined at the frame rails, center of cross member may be notched for radiator and/or steering clearance only. Frame may be notched for tie rod clearance. Top of frame may be notched for A-frame clearance. No cutting or drilling holes in frame for weight reduction purposes.

Lower a-frames must be right and left, and of the same design. Rubber, nylon or steel A-frame bushings allowed, no offset or bearing type. Lower a-frame mounts and bolt holes on frame must be in OEM location. OEM & Low friction ball joints allowed. Any Factory or aftermarket steel spindles allowed. Any steel upper a-frame allowed with or w/o cross-shaft.

Minimum of 500 pound front springrate 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 and coil over kits with minimum of 4.5" springs on rear only. A maximum 2 spring rubbers allowed per spring. Front sway bar must be stock appearing (1 piece bar) and maximum diameter of 1 3/8".

Minimum Wheelbase 108" both sides. Maximum overall track width shall not exceed 78" from outside of tire to outside of tire and will be measured at hub height.

## SHOCKS

### Option 1 with claim.

One steel, non-adjustable, non-rebuildable, unaltered shock per wheel. All shocks must completely collapse at any time. No external or internal bumpers or stops of any type No threaded body, front coil-over, air, or remote reservoir shocks. No Schrader or bladder type valve allowed. Shocks cannot be mounted in center of spring. No shock covers allowed. Shock manufacturer markings must not be ground off, or covered in any way. Rock shield allowed in front of shock. **This rule has been implemented to bring back welded bearing, throw away shocks. If it is bent or broken then scrap it & buy a new one for \$79.**

1 or up to 4 shocks may be claimed per event (Post feature race) for \$100 each. Driver must finish feature race in order to submit a claim & can NOT claim anyone finishing behind you. No claim allowed on a drivers 1<sup>st</sup> two feature races of a season unless it's the 1<sup>st</sup> two races of the season. Claims must be paid in CASH to MIS tech official within 10 minutes of the end of the feature race. Driver being claimed has the option of accepting \$15 per shock & a swap. No fee is kept by the track for a shock claim. (Example of a claim would be a driver being claimed would have a choice of \$400 cash or \$60 cash & 4 shocks.)

### Option 2 without claim.

One unaltered AFCO 79 Series Tamper Proof Steel Body Spec shock per wheel. All shocks must completely collapse at any time. No external or internal bumpers or stops of any type. Shocks cannot be mounted in center of spring. Shock manufacturer markings must not be ground off, or altered in any way. Shock Rock Shields allowed.

Pricing locked at \$169.99 each! Must be purchased from AFCO! This shock is rebuildable by AFCO only! Shock rebuild is \$50 each plus damaged parts. Schrader valve pressure is only changed allowed by the racer.

Contact Brian Burris at Afco, 800-632-2320 Ext 6242

Part #'s available for front: 79-7-5-5-MIS, 79-7-6-6-MIS, and 79-7-4-10-MIS

Part #'s available for rear: 79-9-4-4-MIS, 79-9-5-5-MIS, and 79-9-4-6-MIS

## BRAKES

Four wheel brakes required at all times. Single piston steel OEM style calipers only (any piston size). Single or dual master cylinder. No floating or self-centering rotors. No ABS units, brake recirculation systems, or floating caliper brackets. Only one brake bias adjusting unit allowed. No “wheel fans” or blower motor devices allowed. Steel brake rotors only. Directional vane rotors allowed. Rotors cannot be lightened, no scalloped or drilled rotors. Rear rotors .810 minimum (.810 is new measurement and some variance is considered general wear.) If you run a different type caliper than listed above you must add **25lbs** per end of car. 25lbs for front & 25lbs for rear. **50lbs** maximum weight penalty for brakes.

## TIRES AND WHEELS

1. Hoosier Track Tire. Cars must qualify and race on the same tires. Five lug 8” steel wheels only. No wide five wheels. No air bleeders. Minimum of five steel (5) lug nuts per wheel, Steel or Alum wheel spacer’s ok. Wheel studs must extend through the lugnut when clamping the wheel to the hub.
2. Soaking or altering tires in any way will forfeit all purse and points for the event. Driver must also pay \$1,000 fine prior to being allowed to compete at MIS. Any illegal tire, in the judgment of MIS Officials, will be confiscated.

## BODIES

(See diagram) Body and interior deck must be same width, front to rear, and parallel to OEM frame. Aluminum nose panel must be flat. Maximum 2.250 inch side fins allowed on aluminum nose. IMCA type plastic nosepieces allowed. Nose must be mounted in an approved manner and can extend no higher than front top of hood. Nose piece must remain inside confines of front bumper (exception is plastic valance) and be no lower than four inches below frame horns. Cooling holes allowed. Engine compartment must remain open (no side panels). Hood must cover radiator, be level or sloped down at front, enclosed and maximum two inches above interior deck at rear. No panel in front of right door to engine compartment. No inner panels. Must have front and rear roof support posts. Driver and passenger side windows must have at least 12 inch opening (height and width), measured at center of window, between lowest point at top and highest point at bottom. Sail panels may not extend ahead of back of seat. Roof must be fiberglass or aluminum, full size and rounded down in all directions (see diagram). No dished roofs allowed. Driver roof hatch allowed. Maximum four inch roof sides allowed. Maximum one inch ridge down sides of roof. Rear filler panel 8" min height 90 degree angle. Must be solid, attached to deck, extend from quarter to quarter panel, securely fastened. Must have car # min 6” tall on LR of filler panel. Maximum deck height 38” w/o driver.

Maximum of a 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. Must have full windshield to run spoiler. Back Window is optional.

Bumper Height 20” Max – 16” Min (Ground to center of Bumper front and Rear)

## DRIVER COMPARTMENT

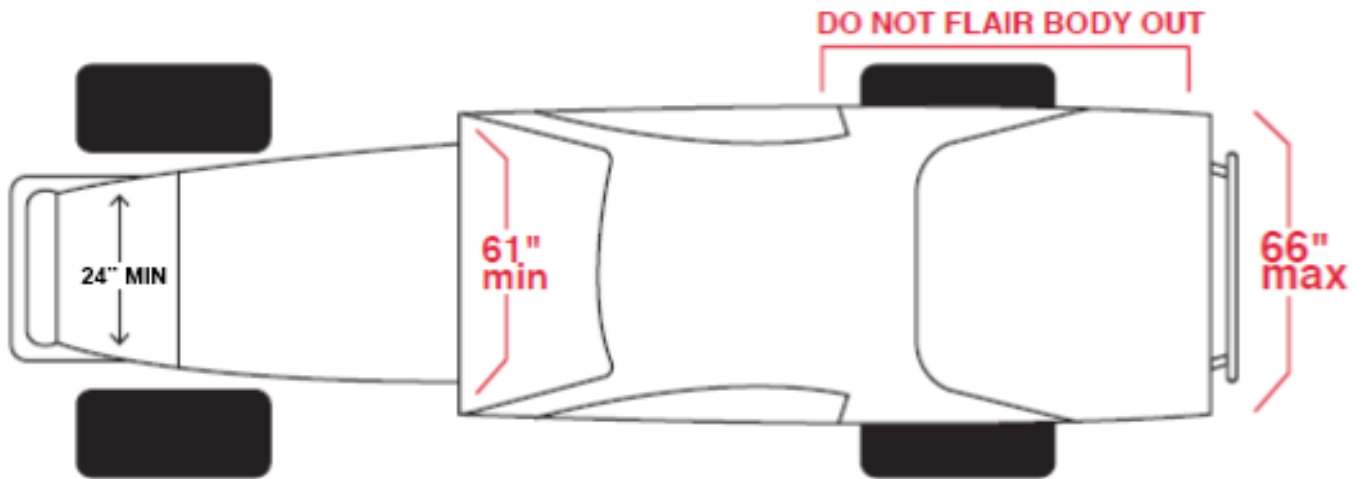
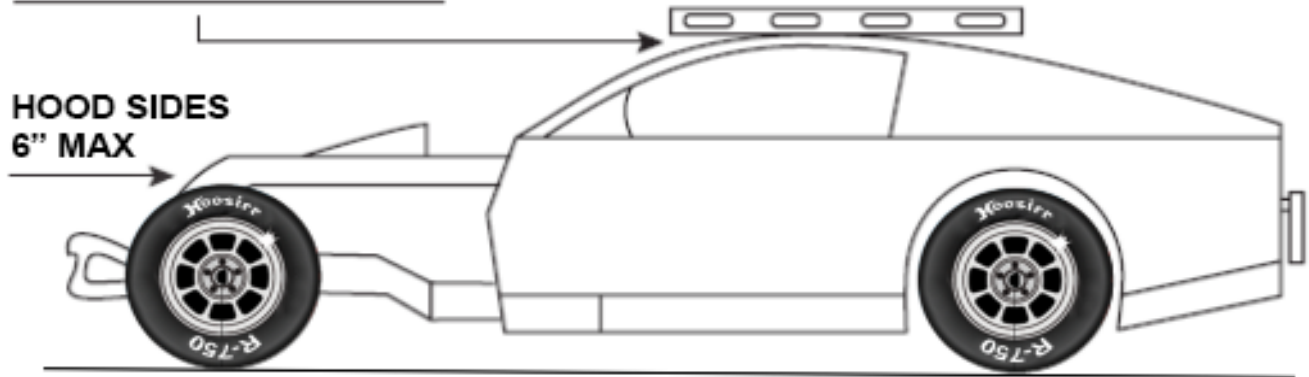
Minimum 0.125 inch aluminum, or 0.060 inch steel, complete floor pan required. Bottom of seat can be no lower than bottom of frame rail. Driver must be sealed off from track, driveline, engine, fuel cell, canisters and pumps. Oil coolers must not protrude above interior. No timing retard controls, or digital gauges (including tach). No electronic monitoring computer devices capable of storing or transmitting information except memory recall analog tach. No driver-adjustable devices allowed while car is in competition except brake bias adjuster. Roll Bar padding required within all areas of drivers reach. All cars must have minimum of a 2-pound fire extinguisher with a gauge and a quick release mounted securely in car within reach of driver while belted in car. Drivers door Window Net in good condition required. 2-way Racing Radios are recommended. 2 ways Radios with a spotter in the track designated spotter area with a label of car number and/or name on back of shirt will be required for select extended races.

## IGNITION

1. MSD or Crane ignition boxes allowed. No Traction Control.
2. 7600 rev limiter required. Must be out of drivers reach when belted in car.

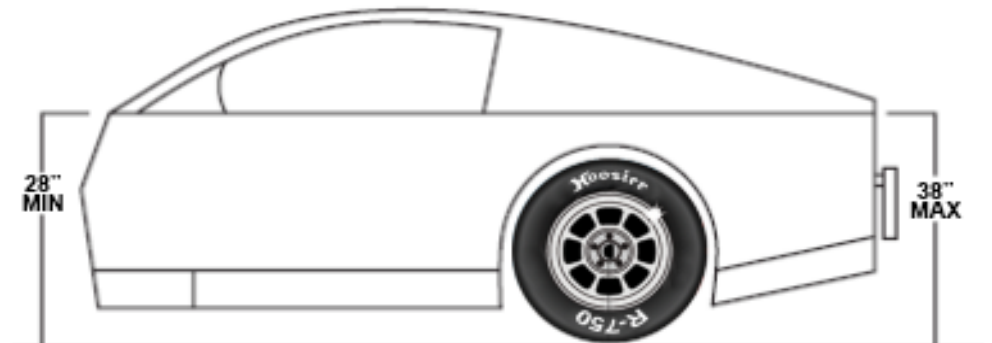
This is the rules for the reintroduction of Modifieds at MIS. We are willing to make necessary adjustments in the future to bring this class back to healthy numbers as a local class.

ROOF RAKE: 5" MAX  
HIGHEST POINT TO 2" BACK  
OF FRONT WINDSHIELD



THE BODY MAY NOT GO  
PAST THE REAR BUMPER.  
THE FRONT NOSE MAY GO  
PAST THE BUMPER 3" MAX.

FRONT OF DOOR TO REAR OF  
QUARTER PANEL RAKE 6"  
MAXIMUM



PLASTIC SIDE PANELS ALLOWED