

2020

STREET STOCK

RULES

Speedrome car construction rules effective January 1, 2020. Also read the 2020 rules of competition.

EVERY STOCK AND THUNDERCAR THAT COMPETED IN 2019 IS LEGAL AS CONSTRUCTED

OVERALL

- A. **CARS** – Cars must be full frame 1955 or newer American made street vehicle production chassis,
- B. **WHEELBASE** – Must be a minimum 105" wheelbase.
- C. **FRAME** – Must remain stock from the front of the steering box to 2" behind the back of the rear weight jack/spring bucket utilizing the stock bucket location. No widening of the frame. Cross member must remain in the stock location but can be altered for equipment clearances. Frame can be strengthened by plates or braces.
- D. **TRACK WIDTH** – Car track width cannot exceed 82" from outside to outside of the tires.
- E. **RIDE HEIGHT** – Frame must have a 4" ground clearance.
- F. **WEIGHT** – Cars must weight a minimum of 3,200 pounds with driver as entering onto the racing surface. Any additional weight penalties are detailed inside these rules.
- G. **DRIVERS** – Must wear a clearly-labeled helmet that meets or exceeds the 2010 SA Snell or SFI 31.2 standards. Must wear a long-sleeved fire-resistant racecar uniform and gloves. Driver must make use of an approved neck collar or Hans-style safety device.
- H. **CAR NUMBER** – Available numbers are 0 thru 99. No duplicate numbers issued. No letters. A number must be officially registered for before being assigned and used. Numbers must appear on both front doors and on the roof. Door and roof numbers shall be a minimum of 16" tall and 3" in line thickness. Numbers must contrast in color (light vs dark) from car color. The roof number needs to be facing the passenger side of the car. There must be a 6" white car number in the upper corner of the front windshield on the passenger side of the car.
- I. **TECH** – Car must go thru inspection at its first visit to the track. It must go thru tech before each feature and any single-car qualifying session. After each feature, the top 3 finishers and any selected will go to tech.

DRIVE TRAIN

- A. **ENGINE** – Must be a cast iron block. May use solid mounts. Can be set back no further than the #1 spark plug being even with the centerline of the weight jack bolt or spring pocket. No dry sump. No external oil coolers. Oil filter must be in its stock location. No traction control devices. No mag's.
- B. **CARBURETOR** – Can be 2-barrel or 4-barrel. The carburetor/throttle linkage must have two "fail safe" return points on the throttle shaft that provide enough pressure to return the throttle to a closed position in case of linkage failure. The throttle linkage must be constructed from rod. A throttle "comeback" enabler is mandatory.
- C. **INTAKE** – Manifold can be aluminum.
- D. **FUEL PUMP** – No electric fuel pumps. No belt driven fuel pumps. No pressurized fuel systems.
- E. **HEADS** – Cast iron heads are standard. Aluminum heads have a weight penalty of 100 pounds.
- F. **COOLING SYSTEM** – Must consist of a radiator, fan, and overflow can. Radiator must have a safety pressure release cap. Fan must be covered at the top and sides with a fan shroud for safety. No antifreeze.
- G. **STARTER/BATTERY** – Car must have a starter and battery system capable of starting the engine without outside assistance. The battery can be secured in the factory location. The battery may be moved to the driver's compartment. If the battery is moved to this inside location, it must be enclosed in a plastic or metal box.
- H. **EXHAUST** – No 180-degree headers. Exhaust must exit underneath the car.
- I. **TRANSMISSION** – Can have an automatic with working torque converter or an OEM manual transmission.
- J. **DRIVESHAFT** – Must be a white, one-piece steel, open, minimum 3" diameter. A complete hoop around the drive shaft installed no more than 12 inches behind the transmission is recommended.
- K. **REAREND** – No quick-change rearends.
- L. **FUEL CELL** – A racing fuel cell is mandatory and cannot exceed 22-gallons. It must be safely mounted inside the "trunk" area. It must be enclosed in a 20-gauge steel can. A 1/8" steel or 1/4" aluminum plate is mandatory on the rear of the cell.

INTERIOR

- A. **ROLL CAGE** – Must be constructed from a minimum of 1 ½" OD round steel tubing with a minimum wall thickness of .090". Door bars are required on both sides of the roll cage. A steel side plate on driver's door of the cage must be used and must be a minimum of 12" high post to post with a minimum 1/4" thickness welded to the cage. Additional bars added for driver safety are welcome.
- B. **SEAT** – The Driver's seat must be racing type seat. Must be installed in a safe manor.
- C. **FIREWALL/FLOOR PAN** – May be replaced with similar gauge steel, must have a stock appearance.
- D. **WINDOW NET** – A properly mounted window net is mandatory and must be used at all times on track.

EXTERIOR

- A. **BODY** – Must be of a standard street car type such as a Chevelle, Nova, Monte Carlo or of their Ford and Dodge counterparts. Damaged parts may be replaced by steel, aluminum, or fiberglass as long as it appears of a stock streetcar type. Nose piece is optional but does look good. No compact/sub compact bodies. No truck bodies. No Late Model/Outlaw Figure 8 car bodies. No aftermarket bodies.
- B. **HOOD** – A hood is required at all times. Fiberglass or Aluminum may be used, but must not be flat and must have detail lines and appear stock.
- C. **ROOF** – Must have factory steel roof (the A, B, C pillars are considered part of the roof) and factory upper portion of rear quarter panels. An aftermarket roof (such as a 5-Star composite 88 Monte Carlo street stock roof) may be used but must be used completely unaltered and used with factory quarter panels that include the B and C pillars with factory quarter window opening.
- D. **WINDSHIELD** – Can be factory or replaced with Lexan and securely strapped into place. A minimum of 3 mandatory windshield area protection bars of a 1/4" round stock must be placed in front of driver.
- E. **WINGS/SPOILERS** – No sideboard wings. No rear spoilers. No "aerodynamic" additions of any type.
- F. **FRONT SUSPENSION** – Upper A-frame's, lower A-frame's, and spindles can be stock or aftermarket tubular stock replacement. No wide-5's
- G. **REAR SUSPENSION** – Must be 4-link. No 3-link suspension. No leaf spring suspension. No panard bars. Upper and lower trailing arms can be aftermarket or stock but must utilize only 1 stock mounting point. Lower's must measure between 19" and 22 ½" in length.
- H. **WEIGHT JACKS** – Front and rear are allowed.

- I. **SWAY BARS** – Stock-type front sway bars only with a maximum 1 ¼" diameter. It must be mounted on the chassis side, forward of the steering box. No rear sway bars.
- J. **SHOCKS** – Can be stock or a stock replacement type shock or a non-adjustable, non-rebuildable sealed steel shock. No remote canister shocks. There is a maximum of 1 shock per wheel and 4 per car. No bump-stops setups
- K. **BRAKES** – Must have operating brakes on all 4 wheels.
- L. **WHEELS** – Maximum 8" steel wheels are allowed.
- M. **TIRES** – All competitors must use standard, non-racing, D.O.T. 70, 75 or 78 series radial tires. Tires must be of the same size and series with the factory markings being visible. A tire with no markings will be disallowed. No products used for chemically altering tires on the Speedrome property.
- N. **FRONT BUMPER** – Can be made of square or round tubing and may begin with a factory bumper base. It may be inside or outside of a nose piece with bumper kept in close proximity to the car. A hoop with uprights can be added above for protection and towing purposes. The bumper must be 16" off the ground and can be no wider than the middle of the tires.
- O. **REAR BUMPER** – Can be made of square or round tubing. A hoop with uprights can be added below for protection and towing purposes. Side hoops can be added from the rear bumper to the frame made of 1" round tubing for tire protection. Maximum outside width of complete rear bumper is 78" and must be inside the quarter panels.
- P. **RUB RAILS** – Must be inside of the body. Clear poly protection strips can be used on the outside body.
- Q. **WARNING** – NO sharp edges on bumpers/rub rails.