

US 24 SPEEDWAY 600cc Restrictor Class Rules

Raceceivers will be allowed for one way communication ONLY (official to driver).

AGE REQUIREMENT Drivers age minimum is 9 years old. Certified copy of birth certificate is required.

ROLL CAGE Roll cages shall be at least 1-inch .062 wall thickness, or 1 1/8 inch .065 wall thickness, or 1 ¼ inch .065 wall thickness. Roll cage shall be made of chromoly steel or equivalent material. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car and driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3-inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3 inches above the driver's helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.

BUMPERS AND NERFS Cars must have bumper extending beyond the front and rear tires. Nothing may extend beyond a tangent line from the outside edge of the tires to the bumpers. Nothing may extend beyond the outside edge or the tires or wheels, whichever is the widest. No sharp corners or designs as to hook or damage. All cars must be equipped with nerfing bars. Nerfing bars must extend to inside edge of tires, but not beyond the outside of tire.

ELECTRIC AND ELECTRONICS On and off switches must be on dash, top of the cowl or on steering wheel. On/off switch must be connected and functional. No radio communication is allowed with the car or the driver.

BATTERY All wet cell batteries mounted in the cockpit must be covered and vented outside the cockpit area.

FUEL Gasoline or methanol allowed. No additives or enhancements will be allowed.

WEIGHT Weight is 700 pounds with driver. Any material used for the purpose of adding to the car's total weight must be firmly attached as a part of the car's structure. No liquid or loose ballast, i.e., water, fuel, oil, sandbags, rocks, etc. allowed.

SUSPENSION Tread; Maximum 52 inches. Minimum 32 inches, center to center of tires. Wheelbase: Maximum 70 inches. Minimum 50 inches, center of front axle to center of rear axle. Rear wheel drive only. All suspension bolts except wheel nuts must be secured by some type of locking device.

BRAKES Brakes will be of sufficient strength so as to slide the wheels while the car is in motion at any given time.

TIRES AND WHEELS Any wheel size and tire combination may be used, but tires may not exceed 23 inches in height. Racing rubber only. Air bleeders are allowed. Wheels must be held on with 4 or more standard lug nuts or knock-off hubs. Right rear tire must be **NMMA, ASCS2, or American Racer 57 compound**. Tire durometer check should be done at least 15 minutes after the races to allow for cool down or durometer check could be prior to the event.

SHOCK Any shock absorber legal, except no cockpit adjustable shocks.

BODIES All cars must have complete bodies. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24 gauge steel or .0625" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be an attractive color or colors. No rear view

mirrors allowed. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub. Mudguards must be made of aluminum or fiberglass, and can be no less than 16 inches from the top of the cage. No mechanical, electrical or hydraulic adjustments will be allowed in the cockpit area. All fuel tanks must be equipped with a one way check valve designed to prevent spillage of fuel in the event of a rollover.

TRANSMISSION Any type transmission is legal on the 600cc engines. Any car equipped with a shifting mechanism must have this device mounted in the driver's compartment. Shift levers may be mounted outside the driver's compartment on opposite side of car from the chain drive. Chain guards will be made of .090 inch thick aluminum or equivalent and will run on top of chain from the front of the front sprocket to the center of the rear axle. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.

WINGS Minimum 10 sq. ft. , maximum 12 sq. ft. Lip on rear of wing is not to exceed 1 ½ inches in height. Top wing is mandatory to enter a night's event. Cars may finish without a wing if no replacement is available. No cockpit adjustable wings allowed. No split or multi-staged nose or top wings allowed. Wing center section has to be one piece.

ENGINE RULES 4 cylinder 600 cc engines - must remain stock bore & stroke. Any air cleaner will be allowed. Any exhaust will be allowed. All cars must use **US 24 Speedway** Restrictor Plates. These restrictors must be located on the TOP next to the carburetors. Stock 600cc carburetors only (Honda on Honda, Yamaha on Yamaha, etc). **Stock fuel injection will be allowed.** NO CONES allowed in intake or carburetors.

CLUTCH Must have manual working clutch. No automatic clutch. Must be mounted inside of roll cage.

NUMBERS All cars must have legible numbers in colors contrasting to the background on both sides of the car and on the nose. Minimum height of numbers on the nose is 8 inches. Minimum height on the tail is 10 inches. Minimum heights on both sides of top wings is 12 inches. Numbers should be separated from advertising so that they will stand out and can be readable by the scorers.

MUFFLERS Mufflers are mandatory.

NOTE: Cars, parts, components, and/or equipment will not be considered as having been approved by reason of having passed through inspection at any time or any number of times unobserved or undetected.

Unless these rules say that you can do something, you cannot.