

US 24 SPEEDWAY 600cc Winged Class Rules

AGE REQUIREMENT

Drivers must be a minimum of 12 years old with no exceptions. 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

All 600 cc Open Class cars must run Nationally approved fuels. Gasoline or Methanol allowed. No additives or enhancements are allowed.

WEIGHT

Minimum car and driver weight is 750 lbs.

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. Steering; Front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only. All suspension bolts except wheel nuts must be secured by some type of locking device.

SHOCKS

Any shock absorber legal.

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. Air bleeders are allowed. Wheels must be held on with 4 or more standard lug nuts or knock-off hubs.

BALLAST

Any material used for ballast must be firmly attached as a part of the car's structure. No liquid or loose ballast such as water, fuel, oil, sandbags, rocks, logs, chains etc. allowed.

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.

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. All mechanically operated devices must be mounted below the driver's shoulders for safety reasons. All fuel tanks must be equipped with a one-way check valve designed to prevent spillage of fuel in the event of a rollover.

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 height on both sides of top wing is 12 inches. Cars must have a 12 inch number on top of the wing facing the front of the car. Numbers should be separated from advertising so that they will stand out and can be readable by the scorers.

WINGS

Minimum wing size is 10 sq ft. There is no maximum wing size in the open class. Wings sides cannot be more than 4" below top of roll cage. Top wing is mandatory to enter a night's event. Cars may finish without a wing if no replacement is available.

MUFFLERS

Mufflers are mandatory and must keep the car at 95 decibels or less. All mufflers must be packed, and checked routinely to ensure full packing is in place. No super traps allowed.

ENGINE RULES

Any 4 cylinder 4 cycle engine not exceeding 640cc. All engines must have cockpit operated electric starter, lever manual clutch in car and on board battery capable of starting an engine. Must also remain chain-driven off of the original countershaft.

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.