

## US 24 SPEEDWAY NON WING AND WING CLASS RULES

### AGE REQUIREMENTS

Driving age minimum is 12 years old. Certified copy of birth certificate is required.

### ROLL CAGE

Roll cages shall be at least 1" .062 wall thickness, or 1 1/8 inch .065 wall thickness, or 1 1/4 " .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 NERF

Cars must have bumpers 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 ELECTONICS

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 drivers.

### 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 750lbs. with the driver. Any material used for the purpose of adding 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". Minimum 32", center to center. Wheelbase: Maximum 70". Minimum 50", center of the front axle to the center of the 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.

## TIRE AND WHEELS

Any wheel size and tire combination may be used. But tires may not exceed 23" 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.

## SHOCKS

Any shock absorber legal.

## 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 the drivers 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" 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.

## TRANSMISSION

Any type transmission is legal on the 600 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" thick aluminum or equivalent and will run on top of chain from 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. No cockpit adjuster of any kind.

## 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.

Non cockpit adjustable wings allowed. No split or multi-staged nose or top wing allowed. Wing center section has to be one piece.

#### ENGINES RULES

4 cylinder 640cc engines. 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 the original countershaft.

#### NUMBERS

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

#### MUFLERS

Mufflers are mandatory.

#### TRANSPONDERS

All transponder pouch must be located on the right rear down tube above the torsion rack

*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**