

SPORTSMAN SAFETY AND GENERAL RULES

Battery: All wet cell batteries must not be relocated into the driver or passenger compartments and must be securely mounted. A maximum of 2 automobile batteries are permitted of 150 lbs. combined maximum weight. Plastic battery hold down straps are not permitted. All relocated batteries must be secured with a minimum of 2 3/8 diameter bolts or rods. When relocated to the rear of the vehicle, the passenger compartment must be protected by a firewall consisting of a minimum of .024 steel or .032 aluminum. A switch must be connected to the positive side of the electrical system and when deactivated shut off all electrical functions in the vehicle.

Engine: One automotive type with any modifications permitted. Engine may be relocated

Engine Containment System: (Diaper) **Mandatory** on all supercharged or nitrous oxide assisted vehicles running 7.99 or quicker or 5.00 or quicker 1/8 mile.

Deflector Plate: Required on rear engine dragsters.

Electronics: Timed ignition interruption devices (stutter boxes) **prohibited** in all ET bracket categories.

Exhaust System: Competition-type exhaust system permitted. Exhaust gasses must be directed out of the car body, rearward, away from the driver and fuel system. Flex pipe is **prohibited**.

Fairings: Front wheel fairings are **prohibited**.

Fenders: Optional.

Firewall: **Mandatory**.

Floor: **Mandatory**.

Frame: All butt welds must have visible reinforcement. Grinding of welds not permitted. All welding on Chrome moly (4130) tubing must be done by approved heliarc TIG process. Mild steel welding must be done by approved MIG (wire feed) or TIG process. Welds must be free of slag or porosity, or any other form of contamination. Any grinding of welds is **prohibited**. Improper welding process or technique may be a basis for failing technical inspection.

Ground Clearance: Minimum of 3" from the front of the car to the rear axle.

Hood: Optional. Flash shield over carburetion **mandatory**.

Liquid Overflow: catch-can required for radiators; 1 pint minimal capacity.

Our Rules and Regulations



Master Cutoff: Mandatory if battery is relocated or is specified by class requirements. It must be located at the rear of all entries and must break the positive side of the battery supply to the competition vehicle. If the switch is mounted to facilitate a push or pull activation it must be positioned where off is in the push position. If the switch is mounted in any other fashion, it must be labeled in a way that is clearly identifiable as to which was is the off position. Plastic or keyed switches are **prohibited**.

Nitrous Oxide: Permitted

Pinion Support: Recommended that all rear-engine dragsters incorporate a rear axle pinion housing anti rotation device of a rigid design. **Mandatory** on all front-engine dragsters.

Street Equipment: One functional tail light required.

Supercharger: SFI 14.1 restraint mandatory at 9.99 or quicker.

Suspension: Full automotive front suspension required. Rigid mount rear axles permitted. 1 shock per sprung wheel **mandatory**.

Tires: Slicks permitted, recapped tires are **prohibited**.

Windshield/Windows: A windscreen is required in place of a windshield on open bodied cars. Minimum size of windscreen is 5"x12". Window openings in all coupes and sedans must maintain a 5" minimum height, measured vertically. Full-bodied cars must have a windshield.

0-9.99 1/4, 0-6.49 1/8, OR A QUICK QUALIFIED FIELD

Axles: After Market Axles and axle retention device **mandatory**

Brakes: Full body cars must have 4 wheel brakes. Cars running 8.49 or quicker 1/4 or 5.49 1/8 or quicker must have dual stage master cylinder.

Data Recorders: Permitted

Drive Line: 1 driveshaft loop required on all entries.

Driver Restraint System: Mandatory meeting SFI 16.1 within 2 year expiration from date of manufacture

Fire System: Required on all closed body cars 7.49 or quicker 1/4 or 4.49 or quicker 1/8. One nozzle located in drivers compartment in front of feet and one nozzle on engine. Safety pins must be red flagged. On all other closed body entries, a properly secured fire extinguisher is **mandatory**.

Flexplate and Shield: SFI 29.1 Flexplate and SFI 30.1 Shield are **mandatory** on entries running 9.99 or quicker 1/4 or 6.49 or quicker 1/8.

Our Rules and Regulations



Floor: Floor on all cars 8.49 or quicker 1/4 or 5.49 or quicker 1/8. Floor must be steel on the drivers side and welded to chassis minimal thickness .024. all other places may be .032 aluminum.

Harmonic Balancer: SFI 18.1 **mandatory.**

Helmet: SN, SA, M, or K-2010 or newer **mandatory**

License: Each driver of a vehicle of entered in any event conducted at an IHRA sanctioned facility must have a valid state drivers license beyond a learners permit and a competition license if mandated by class requirements (except Junior Dragster). This license is subject to inspection at any time. All drivers running 0-9.99 1/4 mile or 0-6.39 1/8 mile must obtain an IHRA or competition license. All drivers running 0-9.99 (6.49 1/8 mile) who have not previously held a competition license will be given a special cockpit orientation (blindfold test), and will be **required** to make a minimum of 5 runs under the observation of IHRA officials. Sportsman Licenses may be approved by a certified safety inspector or an IHRA sanctioned track operator. Pro licenses can only be approved by official IHRA representatives and professional drivers at 1/4 mile track. All applicants for professional licenses must be at least 18 years old prior to beginning the license procedure. The required solo passes include one moderate pass, two half passes, and two full passes. A driver who is upgrading his license is required to make three runs, one moderate run and two at the speed representative of the class applied for. However, he too may be subjected to the blindfold test by a certified inspector. A competitor who holds an inactive license is required to make two complete single passes to reactivate the license and be permitted to compete in eliminations. An inactive license is defined as any racing member that has not utilized his license in a duration of 3 calendar years. IHRA reserves the right to require a competitor to make one moderate (shake down) pass, down the 1/4 mile, on an untested new vehicle. Prior to making an official qualifying attempt. Current physical records are **required** for all professional, TS and TD drivers. Forms must be filled with IHRA technical department prior to competition. A licensed driver may compete at an entry under his license limitations but not over. He may also not cross over from the Dragster category to the bodied cars, nor visa versa, unless specifically licensed for each. A dragster altered or roadster is considered an open bodied car. Not a full bodied car. Competitors must purchase a class number for each competition they wish to compete in.

Class A: TF, NFC, PM, PS, FA, NH

Class B: Top sportsman, Top Dragster (ET 0-7.99 1/4)

Class C: Quick Rod, Super Stock (ET 8.00-8.99 1/4)

Class D: Super Rod, Super Stock (ET 9.00-9.99 1/4)

Class E: Stock, Hot Rod (ET 10.00 and slower)

Our Rules and Regulations



Class M: Motorcycles and snowmobiles

Class JR: Junior Dragster and TCR

Class Exhibition: Jets, wheelstanders, etc.

Master Cutoff: Mandatory if battery is relocated or is specified by class requirements. It must be located at the rear of all entries and must break the positive side of the battery supply to the competition vehicle. If the switch is mounted to facilitate a push or pull activation it must be positioned where off is in the push position. If the switch is mounted in any other fashion, it must be labeled in a way that is clearly identifiable as to which was is the off position. Plastic or keyed switches are **prohibited**.

Parachute: Mandatory on entries at 150 MPH 1/4 or 125 1/8.

Protective Clothing: On all entries 9.00 or quicker 1/4 or 6.00 or quicker 1/8. A minimum of an SFI 3.2A-5 jacket and pants and a 3.3 neck collar are **mandatory**. 3.3-1 gloves are **mandatory** on entries running 8.49 or quicker 1/4 or 5.49 1/8. Additionally 3.3 arm restraints and 3.3-1 gloves are **mandatory** for all open bodied entries. A 3.2A-5 is **mandatory** on all other configurations.

Roll Cage: Mandatory on all entries. On full-bodied cars with an unaltered floor and firewall running 6.40 or slower in the 1/8 mile, a roll bar is permitted instead of a roll cage. All entries running 9.00 or quicker 1/4 mile or 6.00 or quicker 1/8 must have a current Chassis certification.

Transmission Shield: SFI 4.1 **mandatory**.

Wheel Base: 85" minimum unless OEM was less and the vehicle is equipped with the original engine. Minimum of 125" on all dragsters. Wheel base variation, 1" maximum, left to right.

10.00-11.49 1/4 MILE 6.5-7.49 1/8 MILE

Axles: After Market Axles and axle retention device **mandatory**

Brakes: Minimal 2 rear-wheel hydraulic breaks **required**. Full body cars must have 4 wheel breaks. Entries with 2 wheel breaks **require** a parachute

Data Recorders: Permitted

Drive Line: 1 driveshaft loop required on all entries.

Driver Restraint System: Mandatory meeting SFI 16.1 within 2 year expiration from date of manufacture

Our Rules and Regulations



Fire Extinguisher: Properly secured fire extinguisher is **required** on all closed body cars.

Flywheel/ Clutch: SFI 6.1 Flywheel shield, mandatory and clutch, pressure plate and flywheel meeting SFI 1.1.

Flexplate and Shield: SFI 29.1 Flexplate **mandatory** if vehicle exceeds 135 MPH

Frame: All butt welds must have visible reinforcement. Grinding of welds not permitted. All welding on Chrome moly (4130) tubing must be done by approved heliarc TIG process. Mild steel welding must be done by approved MIG (wire feed) or TIG process. Welds must be free of slag or porosity, or any other form of contamination. Any grinding of welds is **prohibited**. Improper welding process or technique may be a basis for failing technical inspection.

Harmonic Balancer: SFI 18.1 **required** on entries running 10.99 or quicker or 6.99 or quicker 1/8.

Helmet: SN, SA, M, or K-2010 or newer **mandatory**

Master Cutoff: Mandatory if battery is relocated or is specified by class requirements. It must be located at the rear of all entries and must break the positive side of the battery supply to the competition vehicle. If the switch is mounted to facilitate a push or pull activation it must be positioned where off is in the push position. If the switch is mounted in any other fashion, it must be labeled in a way that is clearly identifiable as to which was is the off position. Plastic or keyed switches are **prohibited**.

Parachute: Mandatory on entries at 150 MPH 1/4 or 125 1/8.

Protective Clothing: Minimum SFI 3.2A-5 jacket on open bodied entries. Minimum SFI 3.2A-1 on closed body entries. Arm restraints are **required** on all open bodied cars. 3.3-1 gloves on open bodied entries.

Roll Cage/Roll Bar: Mandatory if entry has an altered floor or firewall, or if vehicle exceeds over 135 MPH. Roll bar **required** in all cars (including T-tops) running 10.00 – 11.49 1/4 mile or 6.5-7.35 1/8 mile. In convertibles running 11.00-13.49 1/4 mile or 7.00-8.25 1/8 mile. All Dune-buggy-type vehicles running 12 seconds and slower 1/4 mile or 7.8 1/8 mile.

Transmission Shield: SFI 4.1 **mandatory** on all automatic transmission equipped entries running 10.99 and quicker 1/4 mile or 6.99 and quicker 1/8.

Wheel Base: 85" minimum unless OEM was less and the vehicle is equipped with the original engine. Minimum of 125" on all dragsters. Wheel base variation, 1" maximum, left to right.

Our Rules and Regulations



11.50-13.49 1/4 MILE 7.5-9.0 1/8 MILE

Body: Mandatory.

Brakes: Required. Minimum of 2 rear wheel brakes **required.**

Driveline: Driveshaft loop **mandatory** on all vehicles that use racing slicks.

Driver: must be in stock location may be moved a maximum of 10" rearward.

Fenders: Exact duplicates of stock fenders permitted. Rear fenders may be trimmed for tire clearance. All fenders must have the edge rerolled or beaded if altered.

Front over hang: no item or equipment may be added to the front that adds to the overall length of the vehicle.

Fuel System: Gasoline, Alcohol, and propane accepted. Tank must be vented to the outside of the vehicle. Gas line must be located outside of the drivers compartment.

Helmet: SN, SA, M, or K-2005 or newer **mandatory.**

Hood: Mandatory

Master Cutoff: Mandatory if battery is relocated or is specified by class requirements. It must be located at the rear of all entries and must break the positive side of the battery supply to the competition vehicle. If the switch is mounted to facilitate a push or pull activation it must be positioned where off is in the push position. If the switch is mounted in any other fashion, it must be labeled in a way that is clearly identifiable as to which is the off position. Plastic or keyed switches are **prohibited.**

Roll Bar/ Roll Cage: A minimum of 6 point roll bar is **mandatory** on all convertibles running 11.00 – 13.49 1/4 mile and 8.25 or quicker 1/8 mile. A roll cage is **mandatory** for all entries that exceed 135 MPH.

Street Equipment: 1 working tail light **required.**

Transmission Shield: Automatic: it is recommended that vehicles with modified automatic transmissions, or converters, have a transmission blanket or shield meeting SFI 4.1

Wheel Base: 85" minimum unless OEM was less and the vehicle is equipped with the original engine. Wheel base variation, 1" maximum, left to right.

13.5 AND SLOWER 1/4 MILE 9.00 AND SLOWER 1/8 MILE

Body: must be a full body car

Our Rules and Regulations



Brakes: Four-wheel brakes **mandatory**.

Driveline: Driveshaft loop **mandatory** on all vehicles that use racing slicks.

Driver: must be in stock location

Engine: automotive engine only. Must remain in OEM location.

Exhaust System: Headers permitted, must be designed to route exhaust gasses away from car. Flex pipe **prohibited**.

Firewall: OEM type **mandatory**.

Floor: Full floor **mandatory**.

Fuel System: One stock location fuel tank maximum. Fuel cells recommended. Top of fuel tank not to be higher than top of tires.

Helmet: SN, SA, M, K-2005 or newer **mandatory** on all entries running 13.99 (8.59 1/8 mile) or faster. Entries running 14 (8.6 1/8 mile) or slower, helmet is recommended.

Hood: Mandatory.

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Roll Bar: Recommended.

Steering: Steering box location optional. Steering must be located in conventional location on drivers side of car.

Transmission: any OEM transmission permitted. Neutral safety switch **required**.

Wheel Base: Minimum 90" unless car has original engine and OEM is shorter. Wheel base variation 1" left to right maximum.

Wheels and Tires: Must be automotive-type wheels suitable for street use. Racing slicks permitted. Automotive wire wheels or motorcycle wheels **prohibited**. Minimum wheel size 13" unless originally equipped with smaller wheels and is using the original engine. Recapped tires **prohibited**.

For additional rules and regulations, please refer to the [IHRA official rulebook](#).