

Wednesday Night Drag Racing Series Quick Reference

- Drivers and co-drivers (when permitted) and motorcycle riders must be at least 16 years old with a valid state driver's license. Learner's permits are not acceptable.
- Participants age 16-17 must have a Minor Release and Waiver of Liability Form signed by legal guardians. Forms are available in the race control room at the tower.
- Shirts with sleeves and full-length pants required. No tank tops, bare torsos, shorts or exposed feet.
- Helmet, meeting Snell M2005, SA2005 or newer approval required on all quicker than 14.00 seconds and recommended for all drivers
- Muffler required limiting noise to no more than 114.9db measured at the starting line.
- Seat belts and seats bolted to floor or frame.
- Tires in good physical shape. Hubcaps must be removed for racing
- Brakes must be in good working condition.
- All wheel lug nuts must be used. Wheel studs must be threaded into the hex portion of lug nuts a distance at least equal to the diameter of the stud.
- Minimum of one working taillight required for evening operation.
- Battery must be tied down with metal factory hardware. No plastic or rubber aftermarket hardware permitted.
- Radiator must be equipped with an overflow catch can with a 1 pint minimum capacity.
- Air cleaner required if no hood in place.
- All windows must be free of damage and rolled up when competing.
- Cars with slicks running 11.49 or quicker and any other cars that runs 11.49 or quicker must have a full circumference driveline loop within 6" of front universal joint.
- All convertibles running 12.00 to 13.49 seconds and all dune buggies 12.00 and slower must have an approved roll bar/side bar and head protector, sufficiently padded and utilizing an approved five point quick release seat belt/shoulder harness (SFI Spec 16-1, 3" straps, 2 year interval) and face shield or goggles.
- See the full rules for vehicles quicker than 11.50 seconds.

Categories

- **Jackpot** - Open to vehicles 7.50 and slower. Staging is at option of the driver. Additional fee collected prior to eliminations.
- **Comp Rod** - Open to vehicles 7.50 and slower. Staging is at option of the driver.
- **Motorcycle** - Motorcycles running 7.50-slower. Starting system will be a .400 pro start. Staging is at option of the driver.
- **Street** - Open to street legal vehicles 11.50 and slower. Vehicles must be registered and utilize DOT approved street tires. Throttle stops, delay boxes and other electronic devices of that nature are not permitted.
- **Sport Street** - Open to street legal vehicles with a maximum of 6 cylinders running 11.50 and slower. Vehicles must be registered and utilize DOT approved street tires. Throttle stops, delay boxes and other electronic devices of that nature are not permitted.
- **Gear jammers** – Open to manual transmission, street legal vehicles 11.50 and slower. Vehicles must be registered and utilize DOT approved street tires. Throttle stops, delay boxes and other electronic devices of that nature are not permitted.
- **High School** - Open to street legal vehicles 12.00 and slower. Vehicles must be registered and utilize DOT approved street tires. Drivers must be a high school student at the beginning of the race season to participate. Throttle stops, delay boxes and other electronic devices of that nature are not permitted.



E.T. Bracket Drag Racing Basic Technical Specifications

GENERAL DRIVER/RIDER INFORMATION

- Drivers and co-drivers (when permitted) and motorcycle riders must be at least 16 years old with a valid state driver's license. Learner's permits are not acceptable.
- Drivers and riders 16 & 17 years old must have a Minor Release and Waiver of Liability Form signed by legal guardians. Forms are available in the race control room at the tower.
- All drivers/riders of vehicles running quicker than 10.00 seconds must have a valid NHRA competition license and required safety gear.

LICENSING

- A FAA/DOT physical must be completed by a licensed physician on the specific NHRA Form must be presented to race director before the first license runs are made. Three drivers with current competition license must be present to witness and sign for runs.

QUICK RULE REFERENCE FOR STREET DRIVEN VEHICLES

- Seat belts and seats bolted to floor or frame.
- Helmet, meeting Snell M2005,SA2005, or newer approval required on all quicker than 14.00 seconds, and recommended for all drivers.
- Tires in good physical shape. Hubcaps must be removed for racing
- All wheel lug nuts must be used. Wheel studs must be threaded into the hex portion of lug nuts a distance at least equal to the diameter of the stud.
- Minimum of one working taillight required for evening operation.
- Brakes must be in good working condition.
- Battery must be tied down with metal factory hardware. No plastic or rubber aftermarket hardware permitted.
- Radiator must be equipped with an overflow catch can with a 1 pint minimum capacity.
- Air cleaner required if no hood in place.
- All windows must be free of damage and rolled up when competing.
- Muffler required limiting noise to no more than 114.9db measured at the starting line.
- Shirt and full-length pants required. No tank tops, bare torsos, shorts or exposed feet.

ADDITIONAL RULES FOR CARS RUNNING 11.50 TO 13.99 SECONDS

- All drivers must have a Snell approved helmet containing the required qualification sticker (2005, SA2005, or newer).
- Cars with slicks running 13.99 or quicker and any other cars that runs 11.49 or quicker must have a full circumference driveline loop within 6" of front universal joint.
- All convertibles running 11.00 to 13.49 seconds and all dune buggies 12.00 and slower must have an approved roll bar/side bar and head protector, sufficiently padded and utilizing an approved five point quick release seat belt/shoulder harness (SFI Spec 16-1, 3" straps, 2 year interval) and face shield or goggles.

ADDITIONAL RULES FOR CARS RUNNING 10.00 TO 11.49 SECONDS

- After market rear axles and harmonic balancer mandatory for cars running 10.99 seconds or quicker.
- All cars running 11.49 and quicker must have an approved roll bar with sufficiently padding 1/4" compression and head protector. All convertibles running 11.00 to 13.49 seconds and t tops running 11.00 to 11.49 roll cages mandatory.
- Roll Cage with window net required on all cars with modified firewall or floor in excess of 6' running 10.99 and quicker.

- Manual transmissions require a fly wheel shield meeting SFI 6.1, flywheel-clutch-pressure plate meeting SFI Spec 1-1 or 1-2.
- Arm restraints and gloves mandatory in open-bodied cars running 11.99 seconds or quicker.
- All drivers must comply with NHRA clothing specifications as outlined in the current NHRA rulebook.
- All convertibles running faster than 13.50 seconds must have an approved roll cage.
- Window nets required on all vehicles requiring a roll cage by class rules and must meet SFI 27.1 spec.
- Trans shield (SFI 4-1) required on all automatic transmissions for cars running 10.99 or quicker. A locking transmission dipstick is required for all vehicles running 10.00 and quicker.
- All cars exceeding 135 MPH but running slower than 10.00 seconds must conform to all of the above rules.
- No independent rear suspension on cars faster than 11.00 unless factory equipped with both upper and lower control arms.

ADDITIONAL RULES FOR CARS RUNNING QUICKER THAN 9.99 SECONDS OR FASTER THAN 135 MPH

- All drivers must comply with NHRA driver licensing (9.99 seconds and quicker only) and clothing specifications as outlined in the current NHRA rulebook.
- NHRA chassis classification is required for all vehicles. A 90-day temporary chassis certificate for new vehicles is available from Infineon Raceway tech personnel to be used for E.T. type racing vehicles only. Vehicles intended for advanced ET classification are not permitted to have a temporary chassis certificate. Chassis certification will be performed by appointment only.
- Window net meeting SFI 27.1 spec required. Net must be permanently secured at top and bottom.
- All cars require a master electrical cutoff with the "off" position clearly marked.
- Working parachute required when top speed or or greater than 150 MPH.
- All automatic transmissions require; Flexplate shield (SFI 30-1), Flexplate (SFI 29-1).
- Neck collar mandatory.
- Gloves mandatory – Must meet SFI Spec 3.3/1.

ADDITIONAL RULES FOR CARS RUNNING QUICKER THAN 7.50 SECONDS

- See the current NHRA rulebook under Advanced ET rules for specific rules concerning vehicle and driver requirements.

MOTORCYCLES 10.00 AND SLOWER (Three wheeled motor cycles prohibited)

- Operational tail light required for night operation. A brake light is also recommended.
- Operational front and rear brakes required on all machines.
- Positive ignition cutoff switch required. Operable tethered kill switch required on all drag bikes running 10.99 or quicker.
- Rear fender must be full width, extending behind rear axle and forward below the seat position.
- Motorcycles may not be pushed or pulled to start.
- Minimum 2" ground clearance (altered headers must have 2" clearance with bike at 12° angle).
- No bicycle parts allowed.
- No hand shifted motorcycles.
- Positive fuel shutoff on all motorcycles.
- Throttles must be of positive spring return type.

- Fork tubes may not extend more than 1-1/2" from steering head.
- Chain guard required to extend the entire top run of chain to center of rear sprocket.
- All Leather riding jackets / suits are required. One piece all leather riding suits or a two piece joined in the middle with a metal 360-degree zipper at the waist required on all bikes 120 MPH and faster. See NHRA Rulebook. Leather gloves, boots / shoes (Above the ankles) are mandatory on all motorcycles. Gloves must be Kevlar-lined or equipped with slide buttons
- All riders must have Snell M2005, SA2005, or newer rated full-face helmets.
- Handlebars must measure minimum 22 inches across with grips removed. Both hands must remain on handlebars while racing.
- Each motorcycle and rider must pass Tech and have signed waiver before pulling into staging lanes.
- Nitrous Oxide permitted.
- All riders running quicker than 10.00 seconds must have a valid NHRA competition license.

ET BRACKET DRAG RACING CATEGORIES

Wednesday Night Drag Racing Series

- **Jackpot** - Open to vehicles 7.50 and slower. Staging is at option of the driver. Additional fee collected prior to eliminations.
- **Comp Rod** - Open to vehicles 7.50 and slower. Staging is at option of the driver.
- Motorcycle - Motorcycles running 7.50-slower. Starting system will be a single .4 pro start. Staging is at option of the driver.
- **Street** - Open to street legal vehicles 11.50 and slower. Vehicles must be registered with mufflers and DOT approved street tires.
- Throttle stops, delay boxes and other electronic devices of that nature are not permitted.
- **Sport Street** - Open to street legal vehicles with a maximum of 6 cylinders 11.50 and slower. Vehicles must be registered with mufflers and DOT approved street tires. Throttle stops, delay boxes and other electronic devices of that nature are not permitted.
- **High School** - Open to street legal vehicles 11.50 and slower. Vehicles must be registered with mufflers and DOT approved street tires. Drivers must be a high school student at the beginning of the race season to participate. Throttle stops, delay boxes and other electronic devices of that nature are not permitted.