



## ET Bracket Drag Racing Information

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### **RULE BOOK DISCLAIMER**

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.

The race director shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

### **GENERAL RULE STATEMENT**

Vehicles participating in drag racing events must be presentable at all times. Vehicles that are improperly prepared may be rejected by the Tech Official. Any rider/driver or crew member or person in association with a rider/driver or crew member who is considered to be under the influence of any drug, alcohol or any judgement impairing substance will be expelled from the race and escorted off of the premises together with the entire crew and vehicle associated with the offender. Alcoholic beverages of any kind are prohibited from being brought into the facility. Speed limit in the pit area, return road and other areas is 10 MPH and no burnouts are allowed on return road. Violators endangering others with reckless and/or inconsiderate driving habits (whether it be in/on a race vehicle or a pit vehicle) will be expelled from the facility along with the entire crew and race vehicle. Upon entering the race, racers agree to abide by the aforesaid rules and that all interpretation of rules, questions and protest is the domain of the Race Director. Infineon Raceway is an NHRA member track. We recommend that you purchase a current NHRA Rule Book for a complete set of rules. The following rules are abridged for those not owning an NHRA Rule Book.

### **General Driver/Rider Information**

- Drivers and motorcycle riders must be at least 16 years old with a valid state driver's license (NO PERMITS).
- Drivers and riders 16 & 17 years old must have a Minor Release and Waiver of Liability Form signed by legal guardians (forms available at race track).
- All drivers/riders of vehicles running quicker than 10.00 seconds must have a valid NHRA competition license, FAA physical needs to be completed on NHRA Form before first license run is made.
- Co-drivers when permitted may ride in vehicles running 14.00 seconds and slower

## Required Quick Rule Reference for Street Driven Vehicles

- Seat belts and seats bolted to floor or VEHICLE frame OR AS DESIGNED BY MANUFACTURE.
- Helmet, meeting Snell 2000 or newer approval required on all quicker than 14.00 seconds. Recommended for all drivers
- Good tires minimum tread depth 1/16" and be free of deficiencies.
- Hubcaps must be removed for racing
- All wheel lug nuts must be used
- Taillight required for evening running
- Good brakes
- Battery tie-down
- Radiator overflow catch can
- Air cleaner or hood
- All windows intact and rolled up
- Both driver and passenger doors must be operational from both inside and out side of vehicle.
- Muffler required
- Shirt and full-length pants required in vehicles running faster than 14.00.
- Shirts and shorts permitted in vehicles running slower than 14.00 seconds.
- No tank tops, bare torsos, shorts or exposed feet.

### GENERAL TECHNICAL RULES

#### Body/Frame

- Seat belts and seats bolted to floor or vehicle frame.
- Seats (other than stock) must be braced, framed, supported - aluminum or fiberglass.
- Driver and door must be operational from both inside and out side of vehicle
- Firewall - all openings must be sealed with metal.
- Interior panels (other than stock) must be aluminum (.032) or steel (.024). Magnesium not permitted.
- Driver side door panel must be covered.
- Must have minimum 16 oz radiator coolant overflow can.
- All windows must be clear. (Only factory tinting acceptable).
- Must have a minimum of 3" ground clearance.
- No loose or liquid ballast allowed. All ballast must be installed with 2 1/2" diameter bolts min per 100 pounds.
- Fuel tanks must be externally vented and no higher than top of rear tire.

#### Fuel system

- Fluid leaks of any kind not allowed.
- Fuel lines/blocks/regulators and isolators must be 6" forward of bell housing and/or firewall.
- Gas cap mandatory. NO rags.
- fuel systems must be isolated from driver's compartment by metal bulkheads. This includes complete flooring. All holes must be plugged.

#### Wheels/Tires

- Wheel studs must thread into the hex portion of lug nuts at least equal the diameter of the wheel stud.
- Rock shields, front and rear, are recommended to keep rocks and sand out of body cavities (wheel wells).
- Tires must be considered safe. Street tires must have 1/16" tread depth and be free of deficiencies.
- Hub caps and trim rings must be removed.
- No recaps on cars going faster than 12.00 seconds.

- Recaps with a truly conventional wet/dry complex tread design will be allowed in the "DOT required" classes only. All other recaps will only be allowed in the "slicks allowed" class.

#### **Brakes**

- Must have sufficient brakes to stop car (minimum 2 rear wheel brakes).

#### **Steering/Suspension**

- Must have correct steering geometry To allow steering to return to center
- Steering wheel diameter no less than 11" (unless legal in NHRA Class car is built for).
- Must have shock absorbers (one per sprung wheel).
- Traction bars and mounting brackets cannot be lower than the lowest edge of the wheel rim. If not attached at front, need U-bolt or strap. Ladder Bar cars must have restraining strap around front attachment point.

#### **Electrical**

- Batteries (in stock location): Stock tie downs (in good condition) are acceptable
- Batteries (relocated): Must use minimum 3/8" diameter bolts (no "J" bolts) for hold-down. Battery shutoff switch must be installed at the rear of the vehicle that will shutoff all electrical functions including engine operation.
- Battery must be isolated from driver's compartment by metal bulkheads. This includes complete flooring. All holes must be plugged.
- Must have positive on/off action ignition switch within easy reach of driver.
- All vehicles must be self-starting.
- One working tail light required.

#### **General Engine**

- All carburetors must be covered. Hoodscoop not more than 11" above hood.
- Rubber fuel line is restricted to 12" total (maximum) from front to rear.
- No plastic oil lines in driver compartment.
- **Nitrous Oxide**

- Nitrous Oxide if mounted in driver's compartment must be equipped with relief valve and vented outside of compartment.
- Nitrous bottle must be bolted directly to vehicle body and or frame (no sheet metal bolts/screws).
- **Exhaust system**
- No flexible exhaust pipe allowed. Exhaust must be routed away from driver and fuel tank.
- **Transmission/clutch**
- Non-stock floor mounted auto transmission shifter must be equipped with a positive reverse lock-out device secured to shifter/transmission (not frame).
- Transmission shield mandatory on all cars running 10.99 seconds or quicker.
- Functional neutral safety switch mandatory.
- Flywheel and clutch meeting SFI Spec 1-1 or 1-2 and flywheel shield meeting SFI Spec 6-1 or 6-2 mandatory in any car running 11.99 sec. or quicker with manual transmission.

#### **Support**

- Tow vehicles permitted in for vehicles quicker than 10.00 seconds in Jackpot, Comp Rod, Pro, Motorcycle, and Sportsman only.

#### ADDITIONAL RULES FOR CARS RUNNING 12.00 TO 13.99 SECONDS \_\_\_\_\_

- All drivers must have a Snell approved helmet containing the required qualification sticker (Snell 2000 or newer).
- Cars with slicks running 13.99 or quicker and any car running 12.99 or quicker must have a full circumference driveline loop within 6" of front universal joint.
- All convertibles running 12.00 to 13.99 seconds and all dune buggies 12.00 and slower must have an approved roll bar/side bar and head protector sufficiently padded and utilize 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 11.99 SECONDS \_\_\_\_\_

- After market rear axles required for cars running 10.99 seconds or quicker.
- All cars must have an approved roll bar/side bar and head protector sufficiently padded and utilize an approved 5 point quick release seat belt/shoulder harness. (SFI Spec 16-1, 3" straps, 2 year interval).
- Roll Cage with window net required on all cars with modified firewall or floor panels faster than 11.00.
- After market harmonic balancer mandatory on all cars running 10.99 seconds or quicker (SFI Spec 18.1).
- Manual transmissions require an explosion-proof flywheel, clutch, pressure plate and flywheel shield meeting SFI Spec 1-1 or 1-2.
- All drivers must wear an approved protective jacket (3.2A/1).
- Arm restraints and gloves mandatory in open-bodied cars running 11.99 seconds or quicker.
- All drivers must comply with NHRA clothing specifications, see NHRA Rulebook.
- All convertibles running faster than 11.00 seconds must have an approved roll cage.
- Trans shield (SFI 4-1) required on all automatic transmissions for cars running 10.99 or quicker.
- No independent rear suspension on cars faster than 11.00

#### ADDITIONAL RULES FOR CARS RUNNING QUICKER THAN 10.00 SECONDS OR FASTER THAN 135 MPH \_\_\_\_\_

- All drivers must comply with NHRA driver licensing (10.00 seconds and quicker only) and clothing specifications, see NHRA Rulebook.
- NHRA chassis classification required. A 90-day temporary chassis certificate for vehicles that have never before been certified will be available from Infineon Raceway TECH personnel to be used for E.T. type racing only. This will not be performed during normal tech inspection. Please call for an appointment.
- All cars must have an approved roll cage with side bar and drivers window net (ribbon type net) required, permanently secured at bottom and may not stick out side of the roll cage.
- All cars require a master electrical cutoff with the off position clearly marked.
- Parachute required with top speed in excess of 150 MPH.
- All automatic transmissions require; shield (SFI 4-1, Flexplate shield (SFI 30-1), Flexplate (SFI 29-1).
- Neck collar or a hans device mandatory.
- Gloves mandatory - Must meet SFI Spec 3.3/1.
- A five point 16.1 spec. mandatory.
- All cars exceeding 135 MPH but running slower than 10.00 seconds must conform with all of the above rules except driver license.
- Vehicles quicker than 7.50 seconds, see NHRA Rulebook "Advanced ET license mandatory.

#### MOTORCYCLES 10.00 AND SLOWER \_\_\_\_\_

- Operational tail light required/brake light 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.
- Cannot 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 to center of rear sprocket.
- Leather jacket, closed back leather gloves and leather boots or shoes (above ankles) mandatory all bikes. \*Leather riding suits are advised. Full riding suits required on all bikes 10.99 or quicker, or exceeding 119 MPH.
- All riders must have Snell 2000 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

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### 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 12.00 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 12.00 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 12.00 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. Drivers and riders 16 & 17 years old must have a Minor Release and

Waiver of Liability Form signed by legal guardians (forms available at race track).

### **NHRA Division 7 Summit Racing Series**

- Pro - Vehicles running 7.50-11.99 seconds. Starting system will be a full 3 amber .5 count to green. Staging is at option of the driver. Tow vehicles will be allowed when necessary.
- Sportsman - Vehicles running 10.00-13.99 seconds. Starting system will be a full 3 amber .5 count to green. Staging is at option of the driver. Tow vehicles not permitted. Electronics NOT allowed.
- Street - Vehicles running 12.00-24.99 seconds. Vehicles must be equipped with mufflers and DOT approved street tires. Starting system will be a full 3 amber .5 count to green. Staging is at option of the driver. Tow vehicles not permitted. No electronics.
- Motorcycle - Motorcycles running 7.50-13.99 seconds. Starting system will be a single .4 pro start. Tow vehicles will be allowed when necessary. Electronics NOT allowed.

### **GENERAL EVENT RULES**

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- Upon reaching the head of the staging lanes, all vehicles must be prepared to fire and race. Failure to fire within an appropriate time limit is grounds for disqualification.
- Vehicles missing a round of eliminations are considered losers for the missed round.
- Vehicles running quicker than 14.00 seconds, 12.00 seconds, or 10.00 seconds and not meeting the specific requirements for vehicles in those time breakdowns will be disqualified.
- Drivers committing unsafe acts or vehicles that exhibit unsafe characteristics under speed will be disqualified at event director's discretion.
- Vehicles preselected for a bye run may sit out the run at event director's discretion. Vehicles may not receive more than one bye run during eliminations except for those normally occurring on a standard NHRA ladder.
- If the event of a race delay (track cleanup, weather, etc), drivers may change dial-ins. It is up to the driver to verify dial-ins prior to staging.