

## **Super Stang**

### **General Description**

Super Stang is designed for mild to medium Modified S197 and S550 body vehicles using a Ford modular OEM 4.6L, Coyote, or 5.4 V-8 (3v or 4v), V-6 and EcoBoost engines only (2005-2014 Mustangs are referred to as S197 cars, and 2015 and later model Mustangs are referred to as S550 cars). The Super Stang class will be contested in a dial your own elapsed time (E.T.) format, where you must choose prior to the first round of eliminations. Minimum dial of 14.50.

### **Class Designation:**

Super Stang will have a class designation of "SST". Super Stang competitors are required to be official NMRA members.

### **CLASS INFORMATION, LADDER TYPE, & TREE**

All Run, NHRA Sportsman Ladder, Pro .500 Tree, Handicap Start. AutoStart, Courtesy Stage. Minimum dial of 14.50.

The class will be qualified by positive reaction time. (r/t) closest to ".000" based on a Pro .500 Tree. ".000" is considered perfect. Any negative r/t (-.001, -1.231, etc.) will be placed at the bottom of the qualifying ladder, the more negative the r/t is, the farther down the ladder the run will be placed. For cases in which identical reaction times are made, qualifying position will be based on a first-come first served: the first occurring r/t will be placed #1, the second occurrence of said r/t will be placed #2, and so on. Class will be paired according to qualifying positions, and then advance to eliminations.

A 32 or less car field will be ladder on a sportsman ladder.

A 33 or greater car field is randomly paired and run until the field reaches 32 cars or less. When the field reaches 32 or less cars a sportsman ladder for the number of cars remaining will be used to pair the cars. Car placement on this ladder will be determined based on reaction time from the last round that was randomly paired.

Once Eliminations have started, changing your dial-in or personal index is prohibited.

Super Stang competitors are allowed to enter True Street, providing Car meets all True Street Class requirements. Once Qualifying has begun, No True Street runs will count towards Super Stang Qualifying. Once Qualifying has begun, competitors may not make additional time trial hits unless the Super Stang Competitor purchases a True Street Tech Card. If the competitor chooses to do so, that competitor may make the True Street Time Trials and Eliminations only.

If weather or any other extraordinary occurrence effects eliminations the Competition Director reserves the right to allow dial-in or personal index changes between rounds.

## **RULES & REGULATIONS**

### **WEIGHT MINIMUM**

Vehicles with power adders must weigh 3400 lbs. minimum.  
Vehicles without power adders must weigh 3200 lbs. Minimum.

### **ENGINE**

Any FORD OEM type 4.6, 5.0, and, 5.4 (3v or 4v) V-6 and Ecoboost engines permitted.  
Any modifications or power adders permitted.

### **WHEELS & TIRES**

WHEELS: DOT tires and wheels required. Spindle-mount front wheels and Drag Slicks are prohibited. Tires must fit inside stock, unaltered rear wheel wells. Inner fender lip may be rolled to protect rear tire sidewalls but not trimmed or removed.

### **RACING AIDS**

This is a foot brake only class.

Delay boxes, cross-over boxes, or any "reaction-time related" electronic bracket racing aids prohibited in this class.

Electronic Controlled, Pneumatic, Electric, Hydraulic, etc. shifters prohibited.

Electronic Throttle Stops, any related throttle-stop type accessories and trans brakes are prohibited.

The use of any Two-step device is prohibited.

Controller devices for nitrous systems only, are permitted.

### **INTERIOR**

Full interior required, dash, console, and carpet. Driver seat required. Two front seats required, may be exchanged for lightweight aftermarket seats. Passenger front, and or Rear seats may be removed if done in accordance to rules with the trunk and fuel tank fully covered. Floor and tunnel where visible must be upholstered or carpeted. Headliner required.

### **BODY**

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Ford S197 and S550 bodied vehicles only. RENTAL CARS STRICTLY PROHIBITED.

#### **Windshield/Windows**

OEM safety glass required for all windows.

#### **MUFFLERS**

Commercially available mufflers (generally available through retail locations) required and must exit within 12" of the rear end centerline housing.

## **DRIVE TRAIN**

### **Transmissions**

Only specific OEM Ford transmissions permitted. C4 & C6 and non-Ford transmissions prohibited. Any gear change must occur as a result of an internal function of the transmission or from direct action by the driver.

### **Drive shaft**

Drive shaft required to be only steel, ~~or~~ aluminum or Carbon Fiber. Single piece drive shafts permitted.

### **Rear End**

Any type of automotive rear end permitted. Any rear axle housing permitted.

## **SUSPENSION**

OEM or aftermarket suspension system required. Tubular aftermarket K member permitted, but must attach to the chassis using only the factory OEM type mounting bolts in the factory mounting locations. OEM rear attachment points must be maintained. Upper and lower trailing arms may be modified, changed or strengthened per approval of the technical department. Solid mounted suspension prohibited. Aftermarket struts, shocks, A-arms or springs permitted. Coil-over front struts permitted. Coil-over rear suspension prohibited.

## **CHASSIS**

All vehicles must have a chassis that meets the guidelines set by SFI for their respective speed and elapsed time. A valid NHRA serialized Chassis sticker is mandatory for any car running 9.99 (6.39 = 1/8 mile) or quicker, or 135mph or faster at a NHRA member track.

## **FRAME**

Unmodified, stock, unaltered OEM frame rails required. Sub frame connectors permitted.

## **LANE CHOICE**

During qualifying and eliminations, it is the responsibility of the competitors to determine lane choice. If the competitors are unable to establish lane choice, a staging official will make the determination in the manner he/she chooses (i.e., coin flip, random choice, faster car, etc.)

## **STAGING & DEEP STAGING**

See General Regulations 3.8.

## **ADVERTISING**

GRAPHICS: Graphics (for advertising or creative purposes) permitted on entire body, including doors, hood, rear quarter panels, front fenders, wing, etc.

## **APPEARANCE**

All cars in competition must be painted or wrapped. Advertising graphics are permitted on the body. In order to be eligible for the NMRA official contingency program, all contingency sponsors' decals must be easily visible and located on the outside of the vehicle, on the rear quarter windows or rear window in a clear and organized fashion. Contingency decals may not be overlapped or modified. Other decals and sponsors may appear on bodywork, front end and on windows. Failure to do so can result in the driver forfeiting all claimed contingencies for that particular event. The NMRA does require all entries to run the following decals:

1. NMRA Windshield Banner: Decal needs to be located on the top of the windshield or just above the windshield located on the body.
2. NMRA Drag Racing Series: Decals (2) must be located on each side of vehicle. Either on the side windows or decals can be located on the body right beside the side windows.
3. Class Sponsor: Decal must be located on the passenger's side lower portion of the windshield.
4. VP Racing Fuels: Official Fuel decals (2) required. Must be located on each side of vehicle. (In a contingency decal manner)
5. Aerospace Winners Circle: Decals (2) must be prominently displayed on each side of vehicle. Failure to do so can result in the winning driver forfeiting his/hers Winner's Trophy & Payout.
6. Class & Competition Numbers: Numbers must be easily visible/legible and located on the front, back, and both side windows

#### **DRIVER**

The driver when in the vehicle, from the ready line until the vehicle is safely stopped on the return road, is required to have all safety restraint systems (including the helmet) on and be securely fastened in the vehicle at all times

#### **CREDENTIALS**

A Valid state or government issued driver's license beyond a learner/s permit level mandatory for cars running 10.00 or slower.

A Valid NHRA competition license is mandatory for cars running 9.99 or quicker, at an NHRA Member Track. NHRA/IHRA competition license mandatory at an IHRA Member Track.

**Note:** It is ultimately the competitor's responsibility to familiarize themselves with the NMRA class requirements as well as all NHRA safety requirements. The competitor agrees they bear the ultimate responsibility when it comes to safety and how it complies with the NMRA and NHRA rule books. The competitor also agrees that no one else other than the competitor is in the best position to know about how their particular race car has been constructed and how to safely operate it.