

Texas Top Gun Shootout Vehicle Safety Rules

The Texas Top Gun Shootout is intended for **unlimited 4 wheel buggies**. Any tire size, any axle configuration, rear steer or drag axle, single or two-seater, and any engine/transmission/t-case configuration is acceptable. Each competitor and team member must sign the Katemcy Rocks Release of Liability prior to entry.

A. Safety Rules:

1. A minimum four-point harness is required.
2. Doors or doorbars are required if the door opening is not replaced by permanent tubing of a cage/frame. (See B.10 for bar requirements)
3. A solid roof above the driver must be in place. (See B.9 for requirements)
4. A DOT/ SNELL approved helmet must be worn by the driver anytime in the vehicle on-course.
5. Two (2) fire extinguishers (suitable for extinguishing Class B and C fires) must be installed; located such that they are easily accessible from outside the vehicle. Single use Element E50 style and larger stick fire extinguishers are permitted.
6. Window nets are highly recommended.
7. Driver must wear an approved fire suit, or at a minimum long-sleeved shirt and full-length pants, 100% cotton.

B. Roll Bars and Cages

Our goal for the roll cage rule is to create a vehicle that is safe and reliable in the event of a roll over. The roll bar must be part of a cage configuration. The cage is considered to be the safety bars surrounding the driver. Cages must be designed to protect the occupant in the event of a rollover and prevent rock intrusion into the driver compartment. The following are a MINIMUM roll cage guidelines for competition:

1. Six (6) point mounting cages covering the driver are required.
2. OEM roll bars are approved for a portion of the roll cage.
3. Round steel tubing (DOM) 1.5" O.D. with 0.120" wall is compulsory for the basic roll cage. Aluminum and/or soft metals are not permitted. Roll bar construction must be welded with appropriate and satisfactory welds. A Texas Top Gun Shootout official must approve roll cages made out of material other than DOM tubing. Or in wall thickness or diameter less than the stated requirements.
4. Connection positions of the roll cage must tie to the frame of the vehicle; body mounts are considered a tie-in point.
5. The roll cage must have appropriate structural cross bracing to prevent collapse from different angles.
6. The front-most position must be no further toward the rear of the vehicle than 15 inches behind the throttle and brake pedals.

7. The cage must have space of no wider than 24" above the driver's head, and at least 1 spreader bar between the front main bar and the rear main bar are required unless the cage top is 24" wide or less.
8. Gussets must be welded in the four corners of the "halo". Gussets may be tubing or plate steel.
9. A minimum of 0.40 magnetic expanded or flat sheet metal, or 1/8" aluminum, must cover the area immediately over the driver seat and be welded or bolted to the roll cage. Steel tubing must surround the roof panel.
10. Texas Top Gun Shootout recommends a spreader bar to be mounted under the dash area to connect the right and left "A" pillars.
11. If the door opening is not enclosed by permanent cage/frame tubing, or if metal doors are not utilized, a bar running from the "B" pillar, at approximately shoulder height, to the "A" pillar, at approximately shin height, must be utilized. This can bolt into place.
12. A "periscope bar" (a bar sticking straight up from the roll cage) is not allowed.
13. The cage must allow a minimum of 3" clearance in all directions from the driver's helmet with the driver seated and belted into driving position. Clearance to the rear of the driver's head may be less than 3" if the headrest provides adequate support to prevent helmet contact with a diagonal bracing behind the driver's seat.