

BOETTLER BOMBER RULES

These racing rules are designed to encourage a safe, competitive class while keeping a limit on spending. In no way will the rules be interpreted to allow a car that is technically superior to dominate the class or to be constructed in an unsafe fashion that poses a danger to the operator or other competitors. Any driver found outside the parameters or spirit of these rules will be sternly dealt with and faces fines, disqualifications, and possible disbarment. Interpretation of any or all of the rules is at the sole discretion of Aztec Speedway and its tech personnel. Let's keep it in the spirit of what these rules are designed for. Thank you in advance for your cooperation!

The word "STOCK" means unaltered and as originally produced; including after-market replacement parts.

DRIVERS

The minimum age for a driver is fourteen (14), unless approved by two of the following three: race director, tech inspector or promoter. All required documents, including minor waiver, must also be completed. Passengers, if applicable, must be minimum age of 14, with properly signed documents.

VEHICLES - Bomber RACING RULES

Domestic full-size two-wheel drive passenger cars only, to include station wagons, El Caminos and Rancheros. NO pickup trucks, vans, jeeps, sports utility or convertibles allowed with Bomber Racing Rules.

All glass, lights, chrome trim, mirrors, and plastic must be removed from the interior and exterior.

All combustible interior components to be removed. Professional, aluminum racing seat(s) optional and 5-point harness(s) are preferred.

9" Ford differentials are allowed-per stock

Rear end must be mounted square in the car. Wheelbase must be the same on both sides, NO aftermarket trailing arms allowed. The top trailing arms must be identical in length, the bottom trailing arms must also be identical in length and mounted square.

NO ADJUSTMENTS ARE ALLOWED IN THE Bomber RACING RULES

Stock steering column may be removed and replaced with a steering shaft. STEERING quickener's are allowed. No quick steering boxes permitted.

Front and rear tubular are allowed. 1 3/4 O.D. maximum. X .095 maximum thickness. Bumpers must be welded to the chassis.

Stock Steel unaltered floor pan, firewalls, trunk, and rear wheel wells must be

retained. Front wheel wells may be removed/on non-unibodied cars- The stock floor pan must remain intact for driver and

2 front passenger compartment. The rear floor pan and firewall must be replaced with sheet metal if it is open or has been removed.

No trimming of manufacturer's structural body metal allowed, except for roll cage fit, or tire clearance.

OEM body panels only. No reinforcement of any kind will be allowed.

All doors will be welded, bolted or chained shut.

Vehicle must start under its own power and have both forward and reverse motion, as well as adequate four-wheel braking ability. OEM front disk brake, and rear brake upgrade is permitted. No aftermarket parts, only OEM.

Normally aspirated engines using carburetor or factory fuel injection only.

The following 3 carburetors may be used: Edelbrock, Quadrajet and Holley number 4412. Carburetor adapter can be no thicker than one inch.

All power train items to be factory stock for the particular model (Chevy to Chevy, etc.), with the exception of 9" Ford rear ends. Carburetor to oil pan, water pump to rear differential cover will remain stock in nature,

Cam limit is set at 4.50 lift. No split duration.

Compression cannot be more than 9-1.

Brakes and suspension will remain factory issue. No adjustable or racing suspension. Modifications are not allowed (ie. Spring spacer, axle tie down, weight jacks, etc. Spring rate must be the same left to right as per factory specs. (coil and leaf)

- no DOT Street tires- no mud or snow tires grooving - with a maximum tread contact width of 8 inches. eidsvom

A/C, heaters and smog devices must be removed.

Must have stock exhaust manifold(s).

Intake manifolds must remain OEM.

Exhaust must be 12" past driver's seat and soundly attached.

Factory stock fuel tanks in stock location or fuel cells, inspected and approved by tech only.

TOW CHAINS

Tow chains are required on front and rear of car.

WHEELS

Steel spoke wheels are allowed within the Cruiser Racing Rules. No aluminum wheels.

Wheel offsets are optional within the Bomber Racing Rules.

The maximum rim width is 7 inches.

One inch lug nuts are mandatory.

BALLAST

The recommended ballast to be used is extra roll cage bars or other types of reinforcement.

Any 3 removable ballast mounting is subject to Tech approval.

A ballast weight attached to the car must be painted white and the car number painted on it.

A \$25 fine will be assessed to the driver if the ballast is lost on the racetrack.

WEIGHT

All V-8 cars must weigh 2850 pounds after main event with the driver with the Bomber Racing Rules.

All cars will be weighed the first time on the track, and randomly during the season.

ROLL CAGE ARE A MUST IN THE Bomber RACING RULES

A four (4) point cage roll bar is required. For safety, it is highly recommended to use a full roll cage. Minimum 1 1/2 inch, .095 wall thickness, steel tube/pipe.

Door bars (front kickers) must be at shoulder height and extend to floorboard at foot area. Mandatory to have 4 bars in the door and reinforced with 1/16" steel plate.

Roll bar should be welded to frame when possible. If welded to a floor pan, a 3" x 3 1/8" steel plate is required at all junctions, plus a 3" x 3 1/8" backing plate is required.

You may choose which style of roll cage you want to use, as long as it is built to specs.

SAFETY IS TOP PRIORITY IN THE Bomber RACING RULES

SAFETY

The following equipment and safety specifications are the minimum requirements to participate in the Bomber division. Any additional safety equipment is strongly encouraged within the Bomber Racing Rules.

Driver/passenger will have current Snell approved helmets with eye protection. We recommend SA 2010 or better.

SFI approved fire suit: one layer is required; two layer is recommended.

Fire retardant neck brace, gloves, shoes and socks are mandatory.

Window net on driver's side is required, with latch at top of front window. If a passenger seat is available, passenger side must also have window net.

Five-point safety belts preferred. Belts and harnesses must be 3" wide.

Recommended: Driver's side door specs: 4 horizontal bars, from upright to rear upright of cage. Ladder bracing and gussets required on all door bars. 1/16" steel plating on driver's side MANDATORY. If a passenger seat is installed, the passenger side door must have the same 4-bar configuration.

Passenger must be provided with a "hang on" bar. This may be mounted from the dash, floorboard or door bars, and must be accessible to the passenger while belted in. Location

cannot impede entry or exit of passenger from the car and cannot pose a risk to the passenger, in the event of an accident.

High back aluminum racing seats are required in the Boettler Bomber Racing Rules. Seat must be mounted securely to the roll cage when following the Bomber Racing Rules.

Battery must be soundly secured in battery box.

No fuel lines allowed in driver's compartment.

Steel wheels only in the Bomber Racing Rules.