



2025 BOMBER RULES

CHASSIS & BODY:

- The bomber car must have a minimum of 107.5" wheelbase.
 - Right side must be within .5" of the left side wheel base (example- right side =108" left side=107.5")
 - Maximum tread width for front and rear of car measured from outside of tires at spindle height is 76".
 - Uni-body cars must tie frames together with 2" box tubing, and roll cage must be welded to tubing added to frame.
 - Absolutely no shortening of factory wheelbase. Rear wheel drive cars only.
 - Stock appearing steel or aluminum body panels only.
 - Fenders, doors, and quarter panels must be as close as possible to original body lines.
- Skirting is allowed but must have a minimum of 6" (inch) clearance between the ground and the bottom of the skirting.
- After market plastic nose and tail pieces allowed.
- Body will be no wider than 76".
- Max rear deck height 42".
- Maximum size of roof 50" wide by 55" long.
- A max of 2" of roof rake is allowed.
- Sail panels max top width - 22", bottom - 32".
- Car must have a firewall in front and rear, but it doesn't have to be the original stock firewall
 - Front fire wall min. 22-gauge steel straight across from frame rail to frame rail.
 - NO aluminum firewalls on front.
 - Rear may be aluminum.
 - Patching of rust holes is mandatory.
 - No open holes in fire wall. No decking between frame rails in driver's compartment.
- All chrome must be removed inside and out on body of car. Numbers must appear visible on both doors and roof of car minimum of 24".
- No frame changes or alterations. Rear frame behind spring mounts may be manufactured.
- Seat must be 30" from center of axle tube.
- Dash length is not to exceed further back than the back of the steering wheel all the way across from door to door.
 - Doors must be welded, chained, or bolted shut.

- 8" maximum height spoiler allowed on trunk only.
- Two spoiler supports also 8" and no higher than the spoiler.
 - Side supports may be 15" long measured from the bottom forward.
 - Two (2") inches high in the front.
- Competition type 4-point cage mandatory with a minimum of 3 bars in the driver's door and 2 bars in passengers' door.
 - Roll cage is permitted to have brace bars extended through firewall.
 - Three bars are required in windshield area for driver protection.
 - No outside rub bars allowed.
- Aftermarket nose and tail pieces are allowed. Back of car must be enclosed from quarter panel to quarter panel, from top of quarter panel to top of rear bumper.
- Fabricated front bumpers may be used if covered by an aftermarket nose/bumper cover.
- A hoop is allowed on front and rear bumper.
- Support braces to front hoop can be run to frame.
- Rear hoop can be braced inside trunk frame.
- Stock bumpers front and rear are allowed.
- Bumper ends may be cut but must be capped.
- No mirrors allowed.
- Minimum 3-wheel brakes, no electronic shutoffs
 - Mechanical RF shutoffs are allowed, but must be outside of driver's compartment or the handle removed if inside driver's compartment.
 - Brake bias adjusters are allowed
- One drive shaft hoop is mandatory, two are preferred.
- Drive shafts are to be steel and painted white.
- If battery is in drivers compartment it MUST be enclosed in a marine type box with lid.
- All weights must be painted white and fluorescent yellow with car number.
 - Weight must be mounted with ½ bolts to the frame or roll cage.
 - NOT ON TOP OF ROLL CAGE, INSIDE DRIVERS COMPARTMENT, OR ON REAR BUMPER.
 - Hole is allowed in hood for air cleaner.

SAFETY:

- DRIVER/CAR WILL NOT BE ALLOWED ON RACING SURFACE IF THERE IS A FAILURE TO NOT USE ANY OF THE REQUIRED SAFETY EQUIPMENT.
- PERIODIC CHECKS OF DRIVER SAFETY EQUIPMENT CERTIFICATION WILL BE DONE THROUGHOUT THE SEASON.
- Five-point safety harness
 - MUST HAVE SFI 16.1 SAFETY RATING
 - Must be within 2 years of date of manufacture
- Racing seat required
 - Full containment seat preferred.
 - If not a full containment seat, window net is required.
- Fuel cell is required.
 - 2-inch straps are required in the mounting of the fuel cells.
 - Fuel cells MUST be in a steel can and not lower than the bottom of the rear end.
- Safety Gear
 - Helmet must be SA15 rating or newer
 - 2-layer driving suit, one or two-piece, with SFI 3.2A/5 Certification
 - Inclusion of fire-retardant long underwear is preferred
 - Racing gloves minimum SFI 3.2A/1 Certification
 - Neck Brace required at a minimum (donut style)
 - SFI 38.1 Head and Neck restraint preferred
 - Racing style shoes with minimum SFI3.3/5 Certification

SUSPENSION:

- All suspension parts must be steel and stock OEM or stock OEM replacement and remain in stock location.
 - Aftermarket "IMCA" upper A frames with no modifications allowed.
 - No aftermarket lower A frames.
 - No altering stock A frames.
 - Rubber or steel bushings only
 - Stock OEM spindles or 3 piece/racing spindles are allowed
 - Spindle savers are allowed.
 - Drop spindles or offset ball joints are allowed
- All steering parts must be steel and stock OEM or stock OEM replacement.
 - No aftermarket center links or tie rod ends.
 - NO heim joints.
 - Racing springs are allowed.
 - Jack bolts or adjustable buckets allowed on front.
- Stock location on rear-ends and rear end control arms
 - Rubber bushing only.
 - Jack bolts allowed on rear.
 - Aftermarket rear control arms must be steel and stock length.
 - No altering of stock control arm with exception of welding grade 8 washers to bolt holes for safety.
 - Multi hole lower trailing arm brackets allowed.
 - Rear springs must sit in cups mounted to axle tube.
 - Centered spring perches only.
 - No offset perches.
 - No bearing slider cups allowed.
 - Spring must remain in stock location.
- Leaf spring cars
 - Stock spring location on front
 - Adjustable length spring shackles on rear
 - Spring must be square to the frame rail.
 - No sliders and no lowering blocks.
- Stock steel brake calipers only.
 - No aluminum calipers.
 - No dual piston calipers.
 - Stock steel front hubs only.
 - Rotor and hub must be 1 piece and made of steel.
 - No aluminum front hubs.
- No bolt on front rotors
 - Aluminum rear hubs ok
 - No scalloped drilled or veined rotors allowed.
- Stock mount or racing shocks are allowed.
 - One shock per wheel.
 - 9" shock length maximum
 - All shocks must completely collapse at any time.
 - No external or internal bumpers or stops.
 - No coil over, air, or remote reservoir shocks.
 - No coil over eliminators.
 - Shock mount and location optional.
- Shock claim: \$800 for ALL 4 SHOCKS
 - Anyone not selling will forfeit all points and money and will be suspended for 1 calendar year.
 - Claim can be made by any driver starting the feature event shock claim must be made, and money exchanged, with the track promoter before the start of the feature event.
 - If claimed car does not finish event, money will be refunded.

- Coil spring cars must have coils tethered from body to top of spring.
- NO LIMITING CHAINS

TRANSMISSION AND REAR ENDS:

- Automatic or manual transmission allowed
- Any manual type transmission must be in an OEM or OEM replacement case.
 - For manual type applications only:
 - single or multi disc clutch inside an explosion proof steel bell housing will be permitted.
 - The bell housing must be a minimum 270 degrees around top of clutch/flywheel area.
 - Falcon/Bert/Brinn aftermarket type transmissions will be permitted.
 - They must start under own power.
 - Tech officials have the right to drive any car to check the transmission at any time.
- *9-inch ford floater rear-ends are optional in all cars. No cambered rear ends.

WHEELS AND TIRES:

- 15-inch maximum wheel height
- Hoosier E Mod, Hoosier Dirt, or Super Dirt or similar tires by any other manufacturer will be allowed or any 60 or 70 series DOT stamped tires. No snow or mud tires allowed.
- Maximum 8-inch wide wheels:
- 1 inch lug nuts required on right side
- Wheel studs must extend 1 inch from center of wheel.
- No stock length studs allowed.
- No lightweight aluminum wheels.
- Outer bead locks allowed on all 4 corners.
- Tires must pass through 10 1/2" hoop.

MOTOR RULES:

- Any CID is allowed.
- No aluminum heads or blocks.
- Motor must match make of car. (IE. GM to GM, Ford to Ford, Etc...)
- No double pump carbs allowed.
 - Holley, quadrajet, or edelbrock are legal
 - No aftermarket racing carbs permitted.
 - Max 1 inch spacer allowed under carb.
- Stock 2 barrel is permitted.
- No alcohol
- No oxygenated fuels allowed.
- No air gap manifolds.
 - Dual plane only
 - Aluminum or cast iron.
- Headers are allowed.
- No roller cams
- #1 spark plug cannot be further back than center line of upper ball joint.
- Steel motor mounts are allowed.

MISCELLANEOUS:

- No transmitting devices
 - One-way RACEceiver radio for officials is mandatory.
 - RACEceiver channel is 454.000
- Timing retard controls, or digital gauges (including tach) ARE NOT PERMITTED.
 - Use of such devices will be an immediate disqualification.
- No electronic monitoring computer devices capable of storing or transmitting information
 - Memory recall analog tach is allowed
- Chains for a tow vehicle must be present on front and rear of car.
 - Must be accessible without removing hood or trunk lid.
- Weight rule 3200 lbs. With driver after event.

THE RULES SET FORTH HEREIN ARE DESIGNED TO PROVIDE FOR THE ORDERLY CONDUCT OF THE RACING EVENT AND TO ESTABLISH ACCEPTABLE REQUIREMENTS FOR SUCH EVENT. RACE PROMOTER SHALL BE EMPOWERED TO PERMIT OR DEVIATE FROM ANY OF THE SPECIFICATIONS HEREIN OR IMPOSED AND FURTHER RESTRICTIONS THAT IN HIS/HER OPINION DO NOT ALTER THE MINIMUM ACCEPTABLE REQUIREMENTS. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHOULD RESULT FROM SUCH ALTERCATIONS OF SPECIFICATIONS. ANY INTERPRETATION OR DEVIATION OF THESE RULES IS LEFT TO DISCRETION OF OFFICIALS.THEIR DECISION IS FINAL.

***NO ALCOHOLIC BEVERAGES ALLOWED.**

***REMINDER: DRIVER IS AT ALL TIMES RESPONSIBLE FOR THEIR PIT CREW!! THEY FIGHT YOU GET SUSPENDED!!!**