



2018 BOMBER RULES

IF IT DOESN'T SAY YOU CAN, THEN YOU CAN'T !!!

DRIVER RULES:

ANY DRIVER DRIVING A HIGHER CLASS MAY NOT COMPETE IN THE BOMBER CLASS. (NO EXCEPTIONS) THIS CLASS IS SUPPOSED TO BE AN ENTRY LEVEL, LOW COST CLASS. RIDERS WILL BE ALLOWED WITH THE SAME SAFETY RULES AS DRIVER.

I. GENERAL REQUIRMENTS

A. CAR MUST BE STOCK TYPE PASSENGER CAR, STATION WAGONS, EL CAMINO, RANCHERO, OR NOVA ARE ALLOWED. NO COMMERCIAL VEHICLES, CONVERTIBLES OR SPORTS CARS ALLOWED (CAMARO, MUSTANG) 108" MIN. WHEELBASE.

B. ALL CARS MUST WEIGH A MINIMUM OF 3,400 LBS AFTER THE RACE WITH DRIVER. ADDED WEIGHT MUST BE BOLTED WITH ATLEAST 1- ½" BOLT, IF THE WEIGHT IS OVER 20LBS 2- ½" BOLTS REQUIRED. MUST BE PAINTED WHITE WITH CAR NUMBER ON THEM. NO WEIGHT ALLOWED IN DRIVERS COMPARTMENT.

II. SAFTY REQUIRMENTS (DRIVER AND PASSENGER)

- A. ALL CARS MUST HAVE 5 POINT RACING SEAT BELTS BOLTED SECURELY TO THE CAGE OR FRAME AND MUST BE LESS THAN THREE YEARS OLD.**
- B. RACING SEATS REQUIRED**
- C. WINDOW NETS ARE REQUIRED FOR DRIVER AS WELL AS PASSENGER.**
- D. HELMET MUST BE FULL FACE SA APPROVED. NO MOTORCYCLE HELMETS.**
- E. ALL DRIVERS MUST WEAR DRIVING SUITS MADE OF FIRE RETARDANT MATERIAL THAT COVERS THE BODY WITH NO TEARS OR HOLES. (FIRE RETARDANT GLOVES, SHOES, AND NECK BRACE RECOMMENDED.) AND MAY BE REQUIRED AT LATER DATE.**
- F. PASSENGER MUST FOLLOW SAME RULES AS DRIVER.**

III. BODY

- A. **CAR MUST HAVE OEM STOCK ROOF AND REAR QUARTER TOPS .**
- B. **STOCK BODIES RECOMMENDED BUT AS PER THE COST OF BODIES, WE ARE GOING TO ALLOW AFTERMARKET BODIES AND MUST FOLLOW STOCK BODY DEMINSIONS (WINDOW OPENINGS, DOOR HEIGHTS,ROOF POSITION, HOOD MAY NOT ROLL OFF AT THE NOSE AND BE FLAT WITH STOCK RAKE AND THE TRUNK AS WELL AND NO FLAT SIDES.)MUST BE MADE OF SHEET STEEL MIN. 20 GAUGE.**
- C. **WINDSHEILD BARS MUST BE A MIN. OF ¼" DIAMETER AND SECURELY MOUNTED 4' ON CENTER FOR DRIVER AND PASSENGER.**
- D. **MUST BE OPEN DRIVERS COMPARTMENT. NO DECKING OF THE INTERIOR ALLOWED.**
- E. **FLOOR PANS AND FRONT FIRE WALL MUST BE STOCK AND IN OEM LOCATION AND SEALED OFF FROM DRIVERS COMPARTMENT.**
- F. **HOOD, TRUNK, AND DOORS MUST BE BOLTED OR PINNED SHUT. HOOD MUST REMAIN IN PLACE AT ALL TIMES.**
- G. **REAR FENDER WELLS MUST HAVE ATLEAST THE FRONT HALF IN PLACE.**
- H. **TRACK RESERVES THE RIGHT TO REQUEST ANY BODY PANEL TO BE REPLACED SHOULD IT BECOME A SAFETY HAZARD.**

IV. SUSPENSION AND STEERING

- A. **REAR SUSPENSION PARTS MUST BE STRICTLY STOCK FOR MAKE AND MODEL. DOUBLE PIGTAIL SPRINGS ONLY. MUST HAVE STOCK SPRING PURCHES ON REAREND IN STOCK LOCATION.**
- B. **FRONT SPRINGS MUST BE STOCK FOR MAKE AND MODEL. NO RACING SPRINGS ALLOWED. NO SPRING SPACERS OR RUBBERS ALLOWED.**
- C. **LEAF SPRING CARS MUST USE STOCK LENGTH SPRINGS AND MUST HAVE SAME AMOUNT OF SPRINGS ON BOTH SIDES. SHACKLES MUST BE STOCK LENGTH AND SAME ON BOTH SIDES.**
- D. **STOCK UPPER AND LOWER A-FRAMES ONLY. NO TUBE TYPE ALLOWED.**
- E. **SHOCKS MUST BE STOCK FOR MAKE AND MODEL ONLY. NO RACING SHOCKS ALLOWED (QA-1, AFCO, PRO,BILSTEIN) NOT ALLOWED.**
- F. **STEERING SYSTEM MUST BE COMPLETELY STOCK FOR YEAR,MAKE,AND MODEL. NO AFTERMARKET GEAR BOXES (SWEET) ALLOWED.**
- G. **STEERING SHAFT MAY ME AFTERMARKET AND MUST HAVE SOME KIND OF COLLAPSABLE SHAFT BETWEEN GEAR BOX AND DRIVER AND MAY RUN QUICKSTEER BOX WITH QUICK RELEASE STEERING WHEEL**
- H. **AFTERMARKET POWER STEERING PUMP IS ALLOWED WITH OR WITHOUT REMOTE RESERVOIR.**

V. BUMPERS

- A. **FRONT BUMPERS MAY BE STOCK OR FABRICATED OUT OF 1 ½ X .095 TUBING. MAY NOT BE NO WIDER THAN THE FRAME HORNS AND NO SHARP EDGES. MAY NOT BE NO MORE THAN 12" OVERALL HEIGHT.**
- B. **REAR BUMPER MAY BE STOCK OR FABRICATED OUT OF 2X4X3/16 RECTANGLE TUBING OR 1 ¾ X .095 TUBING. NO MORE THAN 14" TALL OVER ALL HEIGHT.**
NO WRAP AROUND BUMPERS ALLOWED. MUST HAVE A MIN. OF A 4" STEEL STRAP FROM QUARTER PANEL TO BUMPER AND NO SHARP EDGES.
- C. **NERF BARS ALLOWED, MUST BE BOLTED FLUSH TO BODY AND NO MORE THAN 1X2X1/8 RECTANGLE ALLOWED AND CAN NOT BE CONNECTED TO CAGE OR DOOR BARS.**

VI. MOTOR

- A. **STOCK MOTOR FOR MAKE AND MODEL (GM - GM, FORD-FORD, CHRYSLER-GHRYSLER)**
- B. **368 MAX. CUBIC INCH, NO 400 OR BIGGER BLOCKS**
- C. **MUST REMAIN STOCK BORE AND STROKE COMBINATION**
- D. **NO AFTERMARKET CRANKS OR RODS, STOCK CRANK AND RODS ONLY**
- E. **PISTONS MUST BE FLAT TOP W/ 4 EQUAL VALVE RELIEF OF DISH. NO FORGED PISTONS.**
- F. **STOCK CAST IRON INTAKE MANIFOLD ONLY. NO AFTERMARKET, HIGH RISE, OR MARINE INTAKES ALLOWED. NO PORTING, POLISHING, OR PORT MATCHING.**
- G. **STOCK CAST IRON EXHAUST MANIFOLDS ONLY. NO PORTING, POLISHING, OR PORT MATCHING. NO HEADERS, CENTER DUMP, TUBE STYLE OR VORTECH (LT1) ALLOWED.**
- H. **HYDRAULIC CAM AND LIFTERS FLAT TAPPET ONLY ALLOWED. NO ROLLER OR SOLID LIFT ALLOWED.**
- I. **STOCK ROCKER ARMS ONLY. NO ROLLER OR ROLLER TIP ROCKER ARMS ALLOWED. NO STUD GIRDLES OR POLY-LOCKS ALLOWED.**
- J. **MUST VACCUM CHECK AT THE INTAKE MANIFOLD MIN. 15" AT 1,000 RPM.**
- K. **MUST COMPRESSION CHECK MAX. OF 175LBS WITH 5 ROTATIONS**
- L. **OEM CYLINDER HEADS ONLY. SCREW IN STUDS ALLOWED WITHOUT GUIDE PLATES. NO DOUBLE HUMPS OR ANY CLOSED CHAMBER HEADS ALLOWED INCLUDING 040 AND 041. NO VORTECH HEADS. NO ALUMINUM HEADS.**
- M. **NO MORE THAN 1.94 INTAKE AND 1.50 EXHAUST VALVES. NO ANGLE MILLING, PORTING, POLISHING, OR PORT MATCHING ALLOWED.**
- N. **CARBURETOR-STOCK CARBURETOR FOR MAKE AND MODEL (QUADRAJET= CHEVROLET) MAY REMOVE CHOKE HARDWARE.**
- O. **STOCK OIL PANS OR CLAIMER PANS ALLOWED. MUST HAVE 1" INSPECTION PLUG. IF YOU DO NOT HAVE AN INSPECTION PLUG, YOU MAY BE REQUIRED TO DROP THE PAN FOR TECH.**
- P. **NO TITANIUM OR ALUMINUM COMPONENTS ALLOWED**
- Q. **ANY PULLEY COMBINATION ALLOWED.**

- R. **ANY BREATHER COMBINATION ALLOWED.**
- S. **NO CRANK CASE EVAC SYSTEMS**

VII. TRANSMISSION

- A. **NO STADARDS ALLOWED EVEN IF FACTORY EQUIPED.**
- B. **NO POWER GLIDES ALLOWED EVEN IF FACTORY EQUIPED.**
- C. **OEM TRANSMISSION ONLY. MUST BE STOCK WITH A FULL WORKING TORQUE CONVERTER (STOCK APPEARING 11" MINIMUM) NO DIRECT DRIVES, VALVE PUMPS OR BLEEDER STYLE VALVE BODIES. ALL GEARS MUST WORK AND MUST BE ABLE TO IDLE IN ALL GEARS WITH FOOT ON BREAK.**
- D. **TRANSMISSION COOLERS ALLOWED BUT MUST REMAIN UNDER HOOD AND NOT IN DRIVERS COMPARTMENT.**
- E. **DRIVE SHAFT MUST BE STEEL AND PAINTED WHITE WITH A LOOP 360 DEG. AROUND SHAFT CONNECTED TO THE FRAME NO FURTHER THAN 6" BEHIND FRONT U-JOINT. NO CHAINS FOR LOOPS.**

VIII. REARENDS

- A. **NO 9" FORD REARENDS UNLESS FACTORY EQUIPED.**
- B. **STOCK FOR MAKE AND MODEL. ANY GEAR RATIO ALLOWED AS LONG AS NO ALTERING OF THE HOUSING IS REQUIRED.**
- C. **AXLES MAY BE LOCKED BY WELDING OR MINI SPOOL. NO FULL SPOOLS ALLOWED.**
- D. **NO POSI-TRAC,LIMITED SLIP,DETROIT LOCKER ALLOWED EVEN IF FACTORY EQUIPED.**

IX. BRAKES

- A. **ALL CARS MUST HAVE OEM BRAKE COMPONENTS.(ROTORS,CALIPERS) WITH A MINIMUM OF THREE WORKING BRAKES. (4 WHEEL RECOMMENDED).**
- B. **MAY RUN AFTERMARKET BRAKE PEDAL BUT WITH ONLY 1 MASTER CYLINDER.**
- C. **NO BIAS BRAKES OR BRAKE ADJUSTERS OF ANY KIND.**
- D. **REAR DISCS BRAKES ALLOWED. MUST USE OEM STYLE STEEL ROTORS (LIKE 96 CAMARO REAR ROTORS) AND CALIPERS WITH BOLT ON OR WELDED BRACKETS. NO RACING ROTORS ALLOWED.**
- E. **BRAKE TEST MAY BE HELD AT ANY TIME.**

X. ROLL CAGE

- A. **STEEL ROLL CAGE MANDATORY CONSTRUCTED OF A MINIMUM OF 1 ½ X .095 WALL TUBING - MINIMUM OF THREE DOOR BARS ON BOTH SIDES NO EXCEPTION AND A DOOR PLATE WELDED TO THE OUTSIDE OF THE DOOR BARS. MUST HAVE 2 BRACES TO THE FRONT AND REAR AND MAY GO THROUGH THE FIRE WALLS. HALLOW MUST BE ATLEAST 2" ABOVE DRIVERS HEAD. ROLL BAR PADDING REQUIRED AROUND DRIVER AND PASSENGER.**

XI. FUEL TANK AND FUEL

- A. **FUEL CELL IN A METAL CAN IS REQUIRED AND MUST BE SECURELY MOUNTED IN THE TRUNK.**
- B. **PUMP GAS ONLY. NO RACING FUELS,E-85, OR METHANOL ALLOWED.**

XII. RADIATOR

- A. **ONLY ONE RADIATOR MUST BE CENTERED IN FRONT OF ENGINE. ALUMINUM RADIATORS ALLOWED.**

XIII. BATTERY AND IGNITION

- A. **1 12 VOLT MAX. BATTERY ALLOWED. MUST BE SECURELY MOUNTED BEHIND REAR UPRIGHT OR IN TRUNK AND COVERED WITH RUBBER.**
- B. **NO BATTERY LARGER THAN 12 VOLT.**
- C. **STOCK REPLACEMENT IGNITION ONLY. NO DUI,MSD,MALLORY,EXCEL, OR ANY TYPE OF TRACTION CONTROL, OR REV LIMITER ALLOWED.**

XIV. WHEELS AND TIRES

- A. **STEEL WHEELS ONLY 8" MAXIMUM WIDTH. 1" LUG NUTS ARE MANDATORY, OVERSIZED WHEEL STUDS RECOMMENDED.**
- B. **HOOSIER ASPHALT PULL OFFS (F-40,F-45,F-50,F-56) ONLY. MAY GROVE. NO SIPPING OR DOPPING. NO NEW ONES.**
- C. **WHEEL SPACERS ARE NOT ALLOWED WITH STOCK SIZE STUDS.**
- D. **NO BEEDLOCKS, OR SCREWING OF TIRES TO WHEELS ALLOWED.**

XV. PROTEST AND CLAIM RULES

- A. **ONLY DRIVER CAN PROTEST OR CLAIM AND MUST HAVE MONEY IN THE INFEILD AFTER THE CHECKERD FLAG AND MUST PRESENT THE MONEY TO THE TECH MAN. IF A CLAIM OR PROTEST IS MADE YOU HAVE 1 HR TO COMPLETE THE DEAL AFTER THE CHECKERD.**
- B. **ANY CAR ON THE LEAD LAP MAY PROTEST ANY CAR THAT FINISHES IN FRONT OF THEM IF DRIVER REFUSES=LOSE OF POINTS AND MONEY FOR THE NIGHT**
 - 1.ENGINE C.I.D.= \$200.00- \$50.00 GOES TO TECH MAN
 - 2.WHEELBASE = \$50.00
 - 3.ENGINE LOCATION=\$50.00
 - 4.SUSPENSION= \$50.00
 - 5.DRIVE TRAIN= \$50.00 UNLESS TORQUE CONVERTER IN REMOVED THEN ITS 150
 - 6.CARB/INTAKE= \$50.00
 - 7.TIRE OR WHEEL= \$35.00
 - 8.GENERAL RULE= \$35.00 (NON DISQUILIFIABLE)

- C. **CLAIM= YOU MUST FINISH NO FURTHER THAN 5 POSITIONS BEHIND THE CAR BEING CLAIMED.**
- D. **IN THE CASE OF MULTIPLE CLAIMS, THE DRIVER FINISHING FURTHEREST AWAY FROM THE CAR BEING CLAIMED GETS IT.**
- E. **THE CLAIMING CAR MUST PASS TECH ON THE PART BEING CLAIMED AS WELL.IF NOT THE CLAIM IS NULL AND VOID.**
- F. **IF THE CLAIMED CAR RUFESES**
 - 1ST OFFENCE= LOSE OF MONEY AND POINTS FOR THE NIGHT**
 - 2ND OFFENCE=LOSE OF MONEY AND POINTS FOR THE NIGHT AND SUSPENDED FOR 2 WEEKS. NO ONE CAR CAN BE CLAIMED MORE THAN ONCE PER SEASON.**
- G. **CAR CLAIM WILL BE \$1,500 AND SWAP- \$50.00 GOES TO TECH MAN**
 - 1.MOTOR CLAIM= \$500.00 AND SWAP-\$50.00 GOES TO TRACK**
 - 2.SHOCK CLAIM= \$25.00 EA AND SWAP**
 - 3.SPRING CLAIM= \$25.00 EA AND SWAP**
 - 4.DISTRIBUTER= \$50.00 AND SWA**
 - 5.CARBURATER= \$150.00 AND SWAP**

CAR CLAIM DOES NOT INCLUDE ANY SAFETY EQUIPMENT(SEAT,BELTS,ECT)
MOTOR CLAIM DOES NOT INCLUDE ANY BOLT ON HARDWARE

XVI. PAYOUT

- A. **WHEN THERE IS LESS THAN 10 CARS REGISTERED, PAYOUT WILL START WITH 3RD PLACE.**