



EAST ALABAMA MOTOR SPEEDWAY 2020 ROAD WARRIOR TECHNICAL RULES

**Rules new for 2020 will be highlighted in RED.

Attention Racers: All cars and components must be completely stock unless otherwise stated in the rules below. If it is not mentioned or specified below it is NOT a gray area to play in. If it does not say you can do it below then you better not do it.

CARS ALLOWED:

- A. Any full bodied, and full frame sedan, example, Monte Carlo, standard or Metric Frame allowed.
- B. Camaro, Mustang, or Nova type cars allowed.

WEIGHT:

- A. **3200lb with driver built engine and crate rebuild, 3100 602 crate & open chamber heads .**
- B. All cars must have weight posted on right side of roof.

ENGINE:

- A. 350 4.060 bore Small Block maximum, No 400 engines or Big Blocks.
- B. 602 crate engine (No Rebuilds)

CRANKSHAFT:

- A. Stock stroke crank 47lb minimum.

CONNECTING RODS:

- A. Stock length cast or forged steel I-beam rods only.

PISTONS:

- A. 4 valve relief symmetrical Flat Top pistons.
- B. Pistons may not exceed the top of the block.

CAMSHAFT & LIFTERS:

- A. Hydraulic Cam and Lifters .390/ **.450 Max If over .450 add 50 LBS.** Stock diameter lifters to make of engine, ex. Chev. .842"

CYLINDER HEADS:

- A. **Heads must be standard production factory steel or baby butt, 461, 462, 492, or 041. Vortec 062 & 906 cylinder heads permitted with the following specs – 175 cc intake runner volume max, 64cc max exhaust runner volume. No bowtie, dart, or angle plug heads.**
- B. **No angle milling, porting, polishing, squaring or epoxying of ports. Screw in studs or guide plates permitted. Rocker studs may be pinned. No roller or roller tip rocker arms. 3 angle valve jobs permitted. GM stock replacement heads allowed.**
- C. **Stainless steel valves allowed.**



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- Chevrolet 350 - 1.94" maximum intake & 1.5" maximum exhaust.
- Ford, Chrysler and other GM products must be stock sizes. Stock diameter valve stems.

- D. Steel valve retainers and keepers only. No aluminum, titanium or other exotic material retainer. Any valve spring.
- E. No mismatching of Cleveland or Windsor heads.
- F. Screw in studs or guide plates permitted. Rocker studs may be pinned

INTAKE:

- A. Intakes must be cast iron or aluminum factory production low profile intakes.
 - Adapter plates permitted on cast iron quadrajet style intake – 1" thickness maximum.
- B. May use aftermarket aluminum dual plane low profile intake manifold. Only intakes permitted are:
 - Edelbrock 2101, 2701 or 7101;
 - Weiland 8120 or 8150;
 - Summit racing 226008 or 226012.
- C. No porting, polishing, squaring, or epoxying of intake ports, plenum, or runners. No milling or hogging out of plenum.
- D. Ford Motorsports low profile aluminum intake permitted – must add 50lbs, and no spacer with this intake.
- E. Vortec heads may run aluminum low profile intake – Edelbrock part# 7116 or 2116, or GM part # 12366573 (same as on 602 crate engine). Only intakes allowed with vortec heads.

CARBURETOR:

- A. 600 cfm maximum, Vacuum Secondary only. No porting or polishing, check with go-no go gauges.
- B. Quadrajet allowed.
- C. 1" spacers allowed.

FUEL SYSTEM:

- A. Stock mount and stock replacement fuel pumps only. Carter M4891 allowed. NO Racing fuel pumps.
- B. Pump gas or racing fuel allowed.
- C. Fuel must not check above +5 on electric fuel checker when calibrated with EAMS track racing fuel.
- D. Sunoco racing fuel available at track.
- E. NO VP CHP, NO ALCOHOL, NO NITROUS OXIDE.
- F. Safety Fuel cell mandatory, enclose in steel case, with minimum 2 steel safety straps for mounting. Must be securely mounted, and safely mounted in trunk area. If fuel line passes through driver cockpit it must be enclosed in steel conduit from rear firewall to front firewall. See safety rules for further instruction.
- G. May cut hole in trunk floor pan to mount fuel cell only.

IGNITION SYSTEM:



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A. Any stock type electronic ignition with stock appearing coil and module. B. No MSD boxes or spark enhancing devices.

COOLING SYSTEM:

A. Heavy duty aftermarket or aluminum radiator allowed 4 or 6 blade fan mandatory.

EXHAUST SYSTEM:

A. Collector type headers only. No 180-degree headers, or TRI - Y headers. Must be 4 tubes into 1.

TRANSMISSION, REAR ENDS & CLUTCH:

- A. Stock type manual or automatic transmission only.
- B. Stock type single disc clutch only, No triple disc or couplers, 14lb minimum flywheel. 10" Inch minimum clutch, pressure plates 16lbs. min. Solid clutch disc ok.
- C. Automatic must have stock torque converter, no dump valve.
- D. Stock rear ends or 9" Ford rear end. Floater rear end with steel parts ok.

BRAKES:

A. Disc Brakes allowed must be all stock factory type. Factory style Aluminum single piston calipers ok.

CHASSIS:

- A. All Factory stock components for make of car being raced. Stock rubber motor mounts may be replaced with stock solid motor mounts. Engine must be mounted in stock location.
- B. Stock type aftermarket springs allowed, weight jacks allowed. May run tubular upper A-Arms
- C. Steel non adjustable shocks. Shocks should not be able to come apart at either end. (Meaning no snap rings, no retaining caps or anything) Crimped style only! 100.00 claim rule
- D. Both rear upper, and lower trailing arms should be same length in stock location.
- E. After market power steering pump OK.

BODY:

- A. Full stock factory steel bodies only, from bumper to bumper. May use aftermarket steel or aluminum body, Plastic stock appearing bumper cover allowed on front and rear.
- B. Excessive hulling will result in weight penalty, do it right the first time. Driver's cockpit must remain open, No tunneling & can be decked.
- C. All glass, external glass & plastic lighting must be removed. Doors must be securely welded or bolted shut.
- D. Dash may be replaced with sheet metal, steering column may be stock or aftermarket steering shaft is optional, may use aftermarket steering wheel with quick disconnect.
- E. Full fire wall and floor pan. Must seal off trunk area from driver cockpit. Car may be boxed in. Deck must have 5 degrees or 1 1/2" taper.



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- F. Universal aftermarket gauges allowed.
 - G. Battery must be mounted securely in trunk not in driver cockpit.
 - H. 6" spoiler max 18" long side boards with 6" Height. There will be a weight penalty for unapproved bodies.
- Must have full size floor pan or steel replacement

ROLL CAGE:

- A. Quality constructed safe roll cage mandatory. 6 point minimum cage properly and adequately reinforced. Roll cage must be constructed of a minimum 1 ½" tubing. .090" wall thickness. 4 driver side door bars, 2 passenger side door bars, adequately braced and welded to the frame. Front loop bar allowed may be tied in to main cage.
- B. Aluminum racing seat required must be mounted on a seat hoop with 3/8 minimum bolts. 50lb weight break for full containment seat.
- C. 3" wide, 5-point safety harness required, maximum 3 years old. Bolted securely to roll cage, not floor pan.
- D. Driver must have driver's side full size window net. No triangular or sprint car type nets.

WHEELS & TIRES:

- A. 8" or 10" steel wheels optional Bead locks permitted. Stock lug pattern, no wide five wheels or adapters.
- B. .100" center wheel hub thickness minimum. ½" stud minimum with 1" lug nuts mandatory.
- C. H500 Hoosier Racing Tires only.
- D. Grooving or siping tires allowed.
- E. No Chemical treating or altering of tires. No tire softeners permitted. Tires will be subject to lab testing at any time to determine legality.
- F. Tires available at the track on race night or call 334-297-2594 during the week.

NOTE: Tires must conform to benchmark when tested. No alteration of any kind is permitted.

PROTEST:

- A. Top End - \$500. \$50 will be retained by track.
- B. Bottom End - \$500. \$50 will be retained by track.
- C. Must protest Top End to protest Bottom End.
- D. Visual protest \$25 - \$25 will be retained by track.
- E. Clutch \$150 claim rule.
- F. Tire protest \$250 (per tire) - \$250 will be retained by track. Must finish in top 3 to protest.
- G. Claim Rule on engines price of new engine plus \$200.

SAFETY:

- A. Steel roll over bars are mandatory and must be approved. Aluminum and other soft materials are not permitted. Front and rear roll bars must be connected at top (cage type) and bottom of both



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sides at seat height. Side roll bars are mandatory and must extend into door panels, (minimum of four (4) on left side and two (2) on right side with additional support on the back of the roll bar. All bars must be welded and not less than 1 ½" O.D. steel tubing. No pipe fittings allowed.

- B. A quick release 5 point safety belt of no less than three (3) inch wide material is mandatory and must be fastened to roll bars with bolts and not less than 3/8" in diameter. Shoulder harness mandatory 3" minimum. Seat belts can be no more than 3 years old.
- C. Only approved racing helmets will be allowed. Minimum of SA2010 rating.
- D. All drivers in all divisions will be required to wear a complete fire-resistant driver's suit. Fire resistant gloves, underwear and shoes are highly recommended
- E. All cars will be equipped with their own fully charged 2 lb. minimum fire extinguisher in good working order and installed within easy reach of the driver. On board fire extinguisher systems recommended.
- F. Battery must be securely mounted in the trunk area of all cars. No batteries allowed in the driver's compartment.
- G. Safety type racing fuel cell with steel outer covers are mandatory in all divisions, All fuel tanks and cells must be mounted with a minimum of 2" x 1/8" steel safety straps that completely surround tank. No gas cans or beer kegs allowed. No fuel cooling devices allowed.
- H. All cars and drivers will be required to meet all safety regulations prior to competition. No Exceptions!
- I. Center top of steering post must be padded with at least 2" of soft material.
- J. Drivers must be able to exit car from either side.
- K. All roll bars close to driver's head, arms and legs must be fully padded.
- L. Kill switch is required within easy reach of driver.
- M. All drive shafts must be painted white.
- N. Window nets mandatory.
- O. All cars must meet the safety requirements as outlined in Section D of General Track Rules for all Divisions.
- P. E.A.M.S. reserves the right to change, omit and/or enforce any rules necessary to maintain a safe program.