



EAST ALABAMA MOTOR SPEEDWAY 2017 LATE MODEL SPORTSMAN TECHNICAL RULES

****Rules new for 2017 will be highlighted in BLUE.**

****Last updated on 1-25-17.**

WEIGHT:

- A. 2400lbs. with driver.
- B. 2450lbs. with driver & Rebuilt 602. Must have EAMS or Crate Racin' USA seals. No engine claim.
- C. All cars must have weight posted on right side of roof.

NOTE: 50 lbs. weight break for head and neck restraint and/or full containment seat.

ENGINE:

- A. **FACTORY STOCK 602 GM sealed Crate Engine; Engine must have factory GM seals. Any tampering above the seal bolts will result in a 30day suspension from EAMS. Any Tampering inside the sealing system will result in a 1year suspension from EAMS, and engine will be confiscated. 602 Assemble height must be no less than 1.70" if shims have been added.**

ENGINE CLAIM:

- A. Engine may be claimed for current price of new engine plus \$200 with \$100 going to driver and \$100 going to track. The fee must be paid in cash to the tech inspector.
- B. The claim must be made within 10 minutes of the completion of the race.
- C. Only the top three drivers finishing a race may claim a crate engine.
- D. The driver having their engine claimed must finish the race ahead of the driver claiming the engine.
- E. A driver can only claim one engine per event.
- F. Not included in the claim will be carburetor, water pump & pulleys, water neck, motor mounts, fuel pump, fuel pump rod & cover and flywheel assembly.
- G. A claim will not be accepted should officials determine that the claim is made on someone else's behalf or the fee is from more than one party.
- H. Failure to pull a claimed engine will result in the driver forfeiting all money for the event. The driver will be required to pay a fine before they are allowed to compete again.

CARBURETOR:

- A. Any 4-barrel carburetor.
- B. Engine must be naturally aspirated.
- C. 1" carburetor spacer allowed.

FUEL SYSTEM:

- A. Stock type fuel pumps Carter M4891 or equivalent **ONLY** mounted in stock



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- location. Belt driven pump add 50 lbs. No electric pumps permitted.
- B. Pump gas, Sunoco GT98 unleaded, Sunoco Blue or Sunoco Purple only. Fuel must check + or -5 on electric fuel checker when calibrated with EAMS track racing fuel.
 - C. NO VP CHP, NO ALCOHOL, NO NITROUS OXIDE, GAS ONLY.

IGNITION SYSTEM:

- A. Any Electronic Ignition System, MSD or HEI.
- B. NO magnetos.
- C. NO traction control.

EXHAUST SYSTEM:

- A. Collector type headers ONLY. NO 180, zoomies, Tri-Y or merged collector headers.

TRANSMISSION:

- A. Standard 4 speed or automatic transmission. After market SAFETY bell housing and automatic cases permitted.
- B. Bert or Brinn Transmission allowed.
- C. Transmissions must have 2 working forward and a reverse gear.
- D. NO Tex, Jerico, or quick change transmissions.
- E. Ball spline transmission's Mandatory to run a carbon fiber drive shaft. This is a safety requirement.

REAR END:

- A. Standard quick change rear end permitted. No Titanium or exotic material axles, spools, gears, or other materials inside rear end.

ENGINE POSITION:

- A. 6 1/2" from center of ball joint to #1 spark plug, 1/2" tolerance. 50lb weight penalty for every 1/2" out of tolerance mounted in front of water pump.

FRAME:

- A. 103" wheelbase minimum, 1" tolerance.
- B. Any Late Model Chassis allowed, Square tube or Round tube. NO aluminum frames, square tube frames must be a minimum of 2"x 2" tubing, round tube must be a minimum of 1 3/4" tubing. Full racing roll cage mandatory, 1 1/2 OD x .090 steel tubing minimum.
- C. Stock front clip cars allowed with stock 602 engine only.

SUSPENSION:

- A. One working shock per wheel except left rear. NO single adjustable or double adjustable shocks allowed. NO canister style or remote adjustable shocks



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permitted. NO externally adjustable shocks.

- B. May run 1 of the following rear suspensions, 5th coil or torque link, NOT both. 1 90/10 shock allowed to be mounted top of rear end.

BODY:

- A. NeSmith Crate Racin USA body rules apply.
- B. Light tube bracing behind bumpers. NO pipes or push bars in front of bumpers.
- C. Spoiler 8" maximum height, 8" maximum width on side pods.
- D. Must have front and rear tow hooks.
- E. All Body Panels Must Be Solid, No Holes, Slots or Air Gaps.

WHEELS AND TIRES:

- A. Any Wheel, 14" maximum width. Beadlock permitted any position.
- B. Wide 5 wheels and adapters permitted.
- C. Track tire Crate 21, Spec 1350 or Crate 55 Hoosier Racing Tires only. Open 1350 add 25lbs.
- D. No inner liners.
- E. 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.*

SAFETY:

- A. All cars must meet the safety requirements as outlined in Section D of General Track Rules for all divisions.

PROTEST:

- A. Visual protest \$25 - \$25 will be retained by track.
- B. Fuel protest \$50 - \$50 will be retained by track.
- C. Valve spring & assemble height protest \$100 - \$50 will be retained by track. 602 Assemble height must be no less than 1.70" if shims have been added.
- D. 602 Rebuilt Crate Engine: Top End \$450 - track retains \$100. Top & Bottom End \$900 - track retains \$100. Crate engine camshaft will be checked only if bottom end is protested. Additional fee of \$250 for NeSmith Tech Inspector Tim Sims to conduct inspection with cam doctor.
- E. *Tire protest \$250 (per tire) - \$250 will be retained by track. Must finish in the top 3 to protest.*