

PENTON RACEWAYS, INC.
2016 LIMITED SPORTSMAN TECHNICAL RULES
(FORMERLY SUPER STREET)

**Rules new for 2016 will be highlighted in Blue.

**Please Note That Rule Changes Or Corrections, during the season Will Be In Red

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WEIGHT:

- A. 2400lbs. with driver & 650 CFM carburetor.
- B. 2350lbs. with driver & Rookie Late Model Spec carburetor.
- C. 2450lbs. with driver & Rebuilt 602 w/650 CFM carburetor. Must have EAMS or Crate Racin USA seals. No engine claim.
- D. All cars must have weight posted on right side of roof.

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 30 day suspension from EAMS. Any Tampering inside the sealing system will result in a 1 year 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. EAMS Rookie Late Model carburetor 50lb. weight break. No changing boosters, no porting or polishing. Must remain stock as sold with EAMS Specs. Must be purchased from EAMS with track stamp on it.
- B. One dual line 650 CFM maximum. Down leg boosters allowed must be stock inside & outside diameter.
- C. EAMS Spec Crate carburetor allowed.
- D. 1" carburetor spacer allowed.

FUEL SYSTEM:

- A. Stock type fuel pumps Carter M4891 or equivalent ONLY mounted in stock 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 billet distributor. 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 permitted. NO externally adjustable shocks. Gas or Oil ok.
- 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 except spoiler.
- 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.
- D. No inner liners.
- E. No tire softeners permitted. Tires will be subject to sniffer & durometer hardness test at any time to determine legality.

SAFETY:

- A. All cars must meet the safety requirements as outlined in Section D of General Track Rules for all divisions.
- B. All drivers are required to wear some type of neck restraint. Example: padded neck collar, hans or other neck restraint systems.

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.