



## 602 Late Models

Any tolerance determined by tech man and management decisions will be FINAL!!

Any car visiting from another track will be given one (1) courtesy race to run with weight penalties in order to try out Golden Isles Speedway's rules package. After this one (1) trial race, should the car return, it MUST be by Golden Isles Speedway rules. Drivers must speak with the tech man before the race to assess weight penalties or the car will be disqualified.

### 1.Weight:

1. 2400lbs with driver, factory seal or certified rebulier seal.
2. 2550lbs with 602 Late Model built engine rules
3. All cars must have weight posted on right side of roof.
4. If you have GM break-off bolts, this is a automatic tear down if you finish in the top 3.
5. 50 lbs weight break if you have neck restrains and containment seat, MUST have both to weight break.

- Engine:

1. FACTORY STOCK 602 GM sealed Crate Engine; Engine must have factory GM seals. Any tampering above the seal bolts will result in a thirty (30) day suspension from Needmore Speedway. Ant tampering inside the sealing system will result in a one (1) year suspension from Needmore Speedway, and engine will be confiscated. 602 assemble height must be no less than 1.70" if shims have been added.

### Engine (option 2)

1. If you run 602 Late Model and currently have a built motor you may continue to run your built motor as long as it is by last year's motor specs and you must weigh 2550 lbs.
- Carburetor:

1. a) Any 4-barrel carburetor.
2. Engine must be naturally aspirated.
3. 1" carburetor spacer allowed
- Fuel System:
  1. Stock type fuel pumps Carter M4891 or equivalent ONLY mounted in stock location.  
Belt driven Power-steering/Fuel pump OK. No electric pumps permitted.
  2. Gasoline or Racing Gas Only. NO ALCOHOL, NO NITROUS OXIDE.
- Ignition System:
  1. Any Electronic Ignition System, MSD or HEI.
  2. NO magnetos.
  3. NO traction control.
- Exhaust System:
  1. Collector type headers ONLY. NO 180, zoomies, Tri-Y or merged collector headers.
- Transmission:
  1. Standard 4 speed or automatic transmission. After market SAFETY bell housing and automatic cases permitted.
  2. Bert or Brinn Transmission allowed.
  3. Transmissions must have 2 working forward and a reverse gear.
  4. NO Tex, Jerico, or quick-change transmissions.
  5. Ball spline transmission's Mandatory to run a carbon fiber drive shaft. This is a safety requirement.
- Rear End
  1. Standard quick-change rear end permitted. No Titanium or exotic material axles, spools, gears, or other materials inside rear end.
- Engine Position:
  1. 6 ½" from center of ball joint to #1 spark plug, ½" tolerance. 50lb weight penalty for every ½" out of tolerance mounted in front of water pump.
- Frame:
  1. 103" wheelbase minimum, 1" tolerance.

2. 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.
3. Stock front clip cars allowed.
  - Suspension:
    1. Standard Late Model Suspensions Only. No Spring Loaded or Shock Type 4 Bar Rods.

Only Standard Solid Bar 4 Bar Rods. No Torsion Bar Front or Rear Suspension.

1. Standard One-Piece Bird Cages; No Split Bird Cages
2. May run 1 of the following rear suspensions, 5th coil or torque link, NOT both.
3. One (1) Coil Spring Per Wheel. One (1) Take Up Spring and Slider Per Wheel Including 5th No Bumpstops or Bumpsprings allowed on Any Corner Except RF. May Run Any Bumpstop on RF (Shims, Washers, and/or Spacers OK). No Stack Springs on Any Corner Including 5th Coil. No Progressive Springs. Spring Rubbers allowed. No Nitrogen Bumpstops.
  - Shocks:
    1. One (1) working shock per wheel except left rear (LRF OK). One (1) 5th Coil Shock Only. NO single adjustable or double adjustable shocks allowed. NO canister style or remote adjustable shocks permitted. NO externally adjustable shocks. Schrader Valve Shocks OK. NO Internal Bumpstops. NO Air Shocks or Spring Cages Allowed. No "Thru Rod" or Inerter Shocks.
    2. One (1) 90/10 shock allowed to be mounted on top of rear end.
  - Body:
    1. NeSmith Crate Racine USA body rules apply.
    2. Light tube bracing behind bumpers. NO pipes or push bars in front of bumpers.
    3. Spoiler 8" maximum height, 8" maximum height on side supports.
    4. Must have front and rear tow hooks.
    5. All Body Panels Must Be Solid, No Holes, Slots or Air Gaps.

- Wheels and Tires:
  1. Any Wheel, 14" maximum width. Beadlock permitted any position.
  2. Wide 5 wheels and adapters permitted.
  3. Hoosier D21, D70, Crate 21, Spec 1350, and American Racer 48 are the only tires allowed.
  4. No inner liners.
  5. No tire softeners permitted. Tires will be subject to lab testing at any time to determine legality.
  6. Will be a 45-punch rule and we will be checking.

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

- Protest:
  1. Visual protest \$25 – \$25 will be retained by track.
  2. 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.
  3. Tire protest \$250 (per tire) – \$250 will be retained by track. Must finish in the top 3 to protest.
  4. All other protest are listed in the General Rules section.

\*\*\*\*\*C-Class 602 Built Engine Option.\*\*\*\*\*

1. Carburetor: Any
2. Built Engine:
  1. All parts must have a stock , part, or I.D. number. No titanium parts of any kind.
  2. GM 350 C.I.D., Ford 351 C.I.D., Chrysler 340 or 360 C.I.D. Engines 4: 060 for bore plus .010 wear

3. Engine balancing permitted. Stock stroke for engine used (3.48" chevy)
4. Deck may be surfaced, but pistons may not exceed the top of block.
5. Any flat top piston, No dome pistons permitted
6. Any flat tappet hydraulic cam (no 4-7 swap). No gear drive or belt. Any timing chain.
7. Factory replacement heads: \* World Product head #4360, 4361, RHS head #12400 Engine Quest CH-350-1 \*Dart # 10024360 \*OEM Factory heads ok
8. Minimum of 72cc combustion chamber Open Chamber Heads with a head gasket of .039 minimum compresses thickness.
9. Minimum 63cc combustion chamber closed chamber double hump heads. May be used with a head gasket of .065 minimum compresses thickness.
10. Three angle valve job OK. NO porting and polishing on heads (NO alterations)
11. NO Vortec Heads. NO BOWTIE OF ANY KIND. No angle plug heads.
12. NO mismatching of Cleveland or Windsor heads. Ford production iron head only. Mopar production Iron head only.
13. Lifters must be stock diameter to make of engine. No cheater lifters.
14. May run screw in studs 7/16 ok and guide plates. May run poly locks.
15. Stock type valve springs only (1.265) valve spring size. NO beehives.
16. Valve size 1.94 intake 1.5 exhaust. Undercut valves OK
17. Stock length rod of make. Ex (Chevy 5.7 connecting rod- H or I beam)
18. 7/16 rod bolts OK. NO aluminum, titanium, carrillo rods.
19. 48 pound crankshaft (will be weight with pilot bushing, cam gear, bolt and washer)
20. Crankshaft must be stock stroke. Steel crankshaft OK. NO knife edge or winged cranks. NO billets.
21. 1 inch spacer on intake OK. ( no higher than 1.250 with gasket)

22. Any Dual Plane low rise aluminum or cast iron intake (no high rise or air gap allowed) Edelbrock 7101 and GM cast iron bowtie OK but NO carburetor spacer allowed.
  23. Intake no higher than low rise manufactures specs.
  24. Carb pad height will be no higher than A-B measurement (4.58), A-B measurement is without spacer.
  25. NO porting, cutting or polishing of any kind
  26. Any intake not meeting above specs will be assessed a 100 pound penalty and may not use a carb spacer.
  27. Headers must have four tubes into one collector of a consistent diameter. NO tri y or merged headers allowed.
  28. Mufflers are mandatory
  29. Roller Rockers OK
  30. Stud Girdle OK
  31. 520 Rocker Arm ratio OK. Not to exceed 1.520
  32. 7/16 stud OK
3. Fuel:
1. Racing Gas OK
  2. Pump Gas 93 octane OK
  3. E85 OK
  4. No additives
  5. No fragrance allowed in fuel. Fuel will be available at the track.
4. Wheels and Tires:
5. Hoosier D21, D70, Crate 21, Spec 1350, and American Racer 48 are the only tires allowed.
  6. No chemical are allowed. Lab testing will be done at the track discretion.
  7. 12 or 14 inch wheels OK