



## SPORT MOD RULES

### Engine:

#### 1. Blocks

- a. Chevy 350, Ford 302 or 351W, Mopar 340 or 360. OEM steel block only. (Max Cubic Inch 390).
- b. 602 Crate Engines will be allowed with cast iron heads (no aluminum heads). The 602 crate engine must maintain original dual plane intake. Carburetor must match the rest of the rules.
- c. Must be wet sump only (in the pan) no external oil pump of any kind.
- d. Oil Pan Must be steel only no exceptions.
- e. No evacuation pump of any kind on the engine.

#### 2. Harmonic Balancer

- a. Must be SFI approved.

#### 3. Compression (AMRA rules engines)

- a. 175lbs. max compression (Hot) NO TOLERANCE.

#### 4. Vacuum (Portsmouth, 201 & Isom rules engines)

- a. Must pull at least 15 lbs. vacuum at 1000 rpms. NO TOLERANCE.

#### 5. Pistons

- a. Must be dish or flat top pistons.
- b. No gas ported pistons.

## 6. Heads

- a. Heads must be steel only with stock diameter valve spring. (Example: Chevy 1.260 not 1.625) No beehive or barrel springs, no stud girdles, must have OEM style stamped steel rockers may use roller tip only, no full roller rockers.
- b. 3/8 "Diameter rocker studs maximum.
- c. If factory is 23 degrees valve angle your heads must be 23 degrees.
- d. No porting of any kind. (This to include gasket matching & bowl blending.)
- e. No Canted Valve Heads (Cleveland Type)
- f. No spacers between heads & intake.

## 7. Cam

- a. Hydraulic or flat tappet (solid) no roller of any type, must fire OEM (example: Chevy (18436572) no 4-7swap cams.

## 8. Intake Manifold, Adapters and Spacers

- a. Any 4 BBL open plenum. No porting or machine matching of any kind.
- b. Max 1 ¼" tall carburetor spacer. This dimension includes gaskets and adaptor.
- c. No Velocity tubes on adaptors or built into the intake of any kind.
- d. A straight open hole spacer allowed. NO Super sucker type spacers allowed.
- e. NO PORTING of any kind. This includes gasket matching or anything to increase air flow.

## 9. Carburetor

- a. 1 stock (4412) 2 barrel Holley no modification except removal of choke plate.
- b. 1.375 Venturi 1.687 Base Plate max. Must have stock measurements. Carb gauges will be used.
- b. You may change jets, power valve and accelerator pump only.
- c. Must use stock metering blocks.
- d. There is a \$360 (cash only) buy out on any carb or trade claimer for his. Driver must advise tech official of claim within 10 minutes of the end of the feature race with cash in hand. Anyone refusing buy out will lose all money and points accumulated for that night. The Driver placing a claim must be on the lead lap. Tech official reserves the right to claim any carburetor at any time.

## 10. Air Cleaner

- a. Only one single round air cleaner. No air boxes.

## 11. Fuel Pump

- a. OEM style diaphragm pumps only.

- b. Must be mounted in Stock location.
- c. No electric or belt driven pumps etc..

#### 12. Ignition

- a. No trigger type and /or crank trigger type: MSD or HEI (OEM) is permitted.

### **Battery:**

- 1. Only one American passenger car battery with a maximum of 12 volt. (No 16 volt batteries).

### **Transmission:**

- 1. Bert, Brinn, Falcon etc. acceptable.
  - a. Must have forward and reverse working.
  - b. Must have an explosion proof bell housing or approved shield if using stock type flywheel.

### **Rear End:**

- 1. Steel tube Quick change or any American OEM.
- 2. NO cover on pull bar spring/bushings.

### **Shocks:**

- 1. Steel CRIMPED / SPUN tube top and bottom.
  - a. There is a \$80 (cash only) buy out on any shock or trade claimer for his. Driver must advise tech official of claim within 10 minutes of the end of the feature race with cash in hand. Anyone refusing buy out will lose all money and points accumulated for that night. The Driver placing a claim must be on the lead lap. Tech official reserves the right to claim any shock at any time.
  - b. non-adjustable, non-rebuildable.
  - c. Must have a fixed bearing and can have a removable hime joint.
  - d. No Schrader valves or remote reservoir shocks of any kind.
  - e. No gas shocks of any kind. Oil filled only.
  - f. NO bump stops or shims of any kind.
  - g. NO shock covers.
  - h. NO ALTERING OF SHOCKS

### **Suspension:**

- 1. Must comply with UMP Modified Rules.
  - a. Any 3 Link or OEM 4 Link will get a 100lb weight break.

## **Weight:**

1. 2500 lbs minimum weight (Any stock sealed GM crate 602 2350lbs).
  - a. Weight penalties may be added as deemed necessary by the tech officials.
  - b. All weights must be painted white with the car number on them. All weights must be mounted below the deck and in a safe secure manor. Any car losing a weight on the track will be disqualified.

## **Body:**

1. Must comply with UMP Modified Rules.

## **Tires:**

1. 8" wheels and tires.
  - a. Anyone found with chemically altered tires, will be suspended for 3 races and will lose all their points accumulated up to that race. Anyone found a 2nd time with chemically altered tires will be suspended for the remainder of the season. If a Tire Sample is taken from any car, the driver's money will be held until the tire sample has cleared the lab.

## **Cooling System:**

1. Cooling System may be modified.
  - a. Radiator and oil cooler must not protrude above interior.
  - b. No Electric water pumps or cooling fans.
  - c. No sprinkler systems.
  - d. Any overflow tubes are to be directed to the ground, between frame rails.

## **Starter:**

1. All vehicles must have the capability of starting without being pushed or pulled.

## **Exhaust:**

1. May use aftermarket headers.
  - a. Exhaust system must be mounted in such a way as to direct spent gases away from cockpit of vehicle and away from areas of possible fuel spillage.

- b. Exhaust header outlets no higher than midline of the body sides. Officials may require turn downs on the collectors.
- c. Dual exhaust only no "Y" pipes or 180 headers.
- d. No oxygen sensors allowed.
- e. Tri "Y" headers are not acceptable.

## **Fuel:**

1. Gasoline ONLY (NO methanol, alcohol, or nitrous allowed).
  - a. Race Fuel is allowed.
  - b. E85 gasoline is allowed.

## **Safety:**

1. See track Safety Equipment rules.