



## SECTION 11 - MICRO SPRINTS

1. Driver Eligibility:
  - 1.1. Must be at least 12 years of age or demonstrate ability.
  - 1.2. Final decision is subject to track approval
2. Eligible Cars:
  - 2.1.
3. MINIMUM SAFETY & PPE
  - 3.1. PERSONAL PROTECTIVE GEAR,
    - 3.1.1. Helmet
      - 3.1.1.1. Must be full face, must be snell SA 2015 no older prefer SA 2020.
    - 3.1.2. Uniform
      - 3.1.2.1. Must wear a name brand flame retardant uniform. High top tennis shoes or wrestling shoes are acceptable.
      - 3.1.2.2. SFI rated driving gloves are mandatory.
    - 3.1.3. Head and neck support
      - 3.1.3.1. Mandatory. Cage net or seat mounted head-rest required unless wearing an approved immobilization device (i.e. Hans's device)
    - 3.1.4. Seat belts and shoulder harness:
      - 3.1.4.1. Seat belts must be securely attached to the car and used at all time. Metal to metal latches only. 5 point seat belts, shoulder harness and sub strap are required. Belt dates must not be over three years old. (Example: Oct 05 may be used in 2006, 2007, and 2008)
    - 3.1.5. Arm restraints:
      - 3.1.5.1. Use is mandatory. Must be adequate to keep driver's hands below roll cage
    - 3.1.6. Two fully charged fire extinguishers with gauges are required. One securely mounted in the car within easy reach of the driver and the other located in the pit. Must be Rated for the type of fuel being run.
    - 3.1.7. The steering wheel must have a minimum of 2" of pad covering the center nut.
    - 3.1.8. Quick release pins are recommended in wing H for easy removal in emergencies.
    - 3.1.9. Any driver requiring medical attention as a result of an accident while participating at Mountain Home Speedway must obtain a written release from the attending physician before being allowed to race again.
    - 3.1.10. All mechanically operated devices must be mounted below the driver's shoulders for safety.
  - 3.2. ROLL CAGE
    - 3.2.1. Roll cages shall be at least 1" .062 wall thickness, or 1 1/8" .065 wall thickness, or 1 1/4" .065 wall thickness.
    - 3.2.2. Roll cage shall be made of chromoly steel or equivalent material.

# 2024

- 3.2.3. The front section of the cage shall be no further back than the steering wheel.
  - 3.2.4. Roll cage shall have efficient front and aft bracing and strength to support the weight of the car & driver in case of an upset.
  - 3.2.5. Cage shall have gussets at the intersecting bars to the uprights.
  - 3.2.6. Bends must have at least 3" radius.
  - 3.2.7. No square or pointed corners allowed.
  - 3.2.8. Roll cage must be a minimum of 3" above the driver's helmet.
  - 3.2.9. It is mandatory to install a cross brace behind the seat to support the shoulder harness.
4. Car Specifications:
- 4.1. **Appearance**
    - 4.1.1. All cars should be painted. Cars will be clean prior to heat races. Any damage to a car will not cause disqualification but must be repaired prior to the next night's racing. The exception to this will be a car with damages deemed to be a safety issue by track officials.
    - 4.1.2. Numbers: All cars must have legible numbers painted in contrasting colors on both sides of car and the nose. Minimum height of numbers is 8" on the nose and nose wing, 10" on each side of the tail and 12" on the wing. Numbers must be separated from advertising, so they will be readable. No prismatic numbers will be allowed on the cars. If the scorers cannot read your numbers, you will be required to change them before next race. Cars must have the same number on all parts of car.
    - 4.1.3. All cars must be painted an attractive color or colors.
  - 4.2. **Frame**
    - 4.2.1. Type optional. No aluminum
  - 4.3. **Nerf Bars**
    - 4.3.1. All cars must be equipped with nerf bars.
      - 4.3.1.1. Left side nerf bars may extend no more than one inch past the left rear.
      - 4.3.1.2. Right rear nerf bar must not extend past outside edge of tire.
    - 4.3.2. Nerf bars must be securely mounted (no zip ties, pop rivets, etc.)
  - 4.4. **Bumpers**
    - 4.4.1. Car must have bumpers extending beyond the front and rear tires.
    - 4.4.2. Nothing may extend beyond a tangent line from the outside edge of the tires to the bumpers.
    - 4.4.3. Nothing may extend beyond the outside edge of the tires or wheels, whichever is the widest. No sharp corners or design as to hook or damage.
    - 4.4.4. Bumpers must be securely mounted (no zip ties, pop rivets, etc.)
  - 4.5. **Bodies**

# 2024

- 4.5.1. All cars must have complete bodies. The intent of this rule is to eliminate any add-on panels of any type which could be considered an airfoil or sideboard. The area behind the driver (a frame area) cannot be enclosed at all unless it has a behind the driver radiator. Panels to be flat with no more than 1" flap not to exceed 45 degrees.
- 4.5.2. All cars must have complete bodies.
- 4.5.3. Tail sections must be in place for time trials and all races.
- 4.5.4. There must be a metal firewall between driver and engine, made of 24 gauge steel or .0625" aluminum.
- 4.5.5. Body of car must be made of aluminum, metal, fiberglass or high impact plastic.
- 4.5.6. No mirrors.
- 4.5.7. The only part of the car allowed to be dismantled for driver to enter or exit is a quick release steering wheel hub.
- 4.5.8. The minimum opening on the right side of the car will be 14" from the top of the roll cage to the top of the mud guard or sissy bar and 16" minimum from the front down tube to the back.
- 4.5.9. All mechanically operated devices must be mounted below the driver's shoulders for safety
- 4.5.10. Driver's compartment:
  - 4.5.10.1. No car will be allowed to compete that requires dismantling portions thereof to enter or leave the cockpit with exception of the steering wheel hub.
  - 4.5.10.2. Fire Walls: There must be a metal fire wall between the driver and engine compartment isolating driver from engine compartment for YOUR safety.
    - 4.5.10.2.1. Minimum specifications are: Steel-24 gauge and aluminum-.0625 thick Floors and belly pans:
    - 4.5.10.2.2. Cars must have an under pan extended from the front of the seat to a place forward of the driver's feet on top of cross members and lower frame rails.
  - 4.5.11.
- 5. ENGINE and DRIVE-TRAIN SPECIFICATIONS
  - 5.1. Engine
    - 5.1.1. 600cc, NO 636's, 4-cylinder 4 stroke as comes on a stock production bike for public sale in the U.S.A
    - 5.1.2. No current year production engines.
    - 5.1.3. Except as noted, all internal and external engine parts must remain stock with no modifications, metal removal, or blueprinting.
    - 5.1.4. Stock is defined as factory delivered specifications. All gaskets are to be in place and be of O.E.M. specifications.
      - 5.1.4.1. Valve seat inserts may be reworked.

# 2024

- 5.1.4.2. Valve springs may be shimmed with standard or aftermarket shims. Cylinder head combustion chambers may be cleaned by bead blasting with valves seated in place. Cylinder head gaskets may be replaced only with original equipment manufacturer's stock parts (All 3 layers of the head gasket must be used.)
- 5.1.5. All other gaskets may be replaced with duplicate aftermarket parts. Light cleaning of gasket surfaces with steel wool, Scotch-Brite, etc. is allowed.
- 5.1.6. NO timing modules allowed.
- 5.1.7. Modification of oil pan & pick up allowed or aftermarket ok.
- 5.1.8. Modification to thermostat cover allowed or aftermarket ok.
- 5.1.9. Modification to water pump cover allowed or aftermarket ok.
- 5.1.10. Any air box, stock appearing CDI, aftermarket washable replacement air filter, power commander on fuel injection models only.
- 5.1.11. Mufflers are MANDATORY! Any type as long as it gets the car to 100 decibels. If a muffler falls off the car or is not mounted in its correct spot, that car will be DQ'd for that race.
- 5.2. **FUEL:**
  - 5.2.1. Class "A" 600cc powered cars may run methanol, race fuel, or pump gas. Upper end lubricants are allowed.
  - 5.2.2. NITRO products are NOT allowed.
- 5.3. **Fuel tank:**
  - 5.3.1. Type optional.
  - 5.3.2. All cars are mandatory to have either a bladder or safety cells. This is for YOUR DRIVER'S protection.
  - 5.3.3. Fuel cell must be securely mounted.
  - 5.3.4. Tanks used in qualifying must be used for all events.
  - 5.3.5. Fuel cell securely mounted.
  - 5.3.6. Tank used for heats must remain for all events.
  - 5.3.7. NO flammable liquids allowed in cooling systems.
- 5.4. **Fuel Delivery**
  - 5.4.1. All fuel tanks must be equipped with a one-way check valve designed to prevent the spillage of fuel from the fuel tank vent in the event of a rollover.
  - 5.4.2. Fuel injection engines running carbs may change all fuel metering devices to tune fuel curve, Billet intake boots allowed.
  - 5.4.3. Electronic fuel injection allowed, no mechanical injection. Must be stock throttle body.
  - 5.4.4. Fuel injection engines may run carburetors.
  - 5.4.5. No mixing manufactures (i.e. Suzuki on Suzuki, Yamaha on Yamaha.)
  - 5.4.6. Any 600cc OEM CV carburetors (no flat sides allowed Stock ECU, PE3-IG2 and PE3-8400 Engine control units are permitted for use with carburetors and Stock Fuel Injection.

# 2024

- 5.4.7. All stock classes will be allowed to run Electronic or Mechanical Injectors with a mechanical fuel pump with stock OEM throttle bodies or carbs ONLY will be allowed. No mixing of manufacturers.
- 5.4.8. Injected with power commander allowed gas or alcohol.
- 5.4.9. A fuel shut off valve is mandatory and must be marked on the body for safety crews. A fuel cut-off safety switch is highly recommended but not required for all cars with an electric fuel pump. All fuel tanks must be equipped with a one-way check valve designed to prevent the spillage of fuel from the fuel tank vent in the event of a rollover.

## 6. Suspension

- 6.1. Minimum wheel-base of 50 inches. Maximum wheel-base of 70 inches center of front axle to center of rear axle.
- 6.2. Maximum width from center left rear tire to center right rear tire is 52".
- 6.3. STEERING:
  - 6.3.1. front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only.
- 6.4. SHOCKS:
  - 6.4.1. Any shock absorber legal
- 6.5. All suspension bolts except wheel nuts must be secured by some type of locking device.

## 7. Transmission and Drive-Train

- 7.1. Chain guards:
  - 7.1.1. Chain guards will be installed on all cars where chains are exposed to the driver and/or other participants.
  - 7.1.2. The chain guard, using a minimum of .090 aluminum material or equivalent, will run on top of the chain from front of front sprocket to the vertical centerline of the rear sprocket.
  - 7.1.3. The guard must be installed in such a manner that the driver cannot touch the chain and/or sprockets while sitting in the driver's seat.
  - 7.1.4. Chain guards will be made of .090-inch-thick aluminum or equivalent. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.
- 7.2. Four-cylinder motors must have transmission with all stock gears in working order.
- 7.3. Any car equipped with a shifting mechanism must have this device mounted in the drivers compartment. Shift levers may mount outside the driver's compartment on opposite side of car from the chain drive.
- 7.4. Transmission gears may be shimmed only for the purpose of proper engagement. Standard on aftermarket shims may be utilized.
- 7.5. Aftermarket cam chain tensioner allowed for safety of motor.

# 2024

- 7.6. No Wheel Sensors of any kind for traction control. No Sprocket or Transmission sensors for Traction Control. NO TRACTION CONTROL of any type specifically listed or not.
8. **Car Weight**
  - 8.1. 750lbs minimum, with the driver, at the conclusion of the race.
9. Radiator and Cooling
  - 9.1. Type optional
  - 9.2. NO flammable liquids allowed in cooling systems.
10. **Throttle:** Must be foot operated
  - 10.1. No electronic traction device.
11. **Nuts and Bolts:**
  - 11.1. All nuts and bolts and component parts of car's suspension system, chassis, and running gear must be secured with either, lock nuts, lock washers, cotter keys, or safety wire except wheel nuts when using quick change hubs. All axles must be pinned to not allow axle nut to back off.
12. **Seats:**
  - 12.1. Type optional
13. **Ballast:**
  - 13.1. Any material used for ballast must be firmly attached as a part of the car's structure. No liquid or loose ballast such as water, fuel, oil, sand bags, rocks, log chains etc. allowed.
- 14.
15. **Brakes**
  - 15.1. Type optional. No hand operated brakes allowed, unless approved by NOW600 officials. Brakes must be sufficient strength to slide wheels or stop the car while in motion.
  - 15.2.
16. **Battery and Electrical**
  - 16.1. On and off switches must be on dash, top of the cowl or on steering wheel.
  - 16.2. On/off switch must be connected and functional.
  - 16.3. No radio communication is allowed with the car of the driver

All modifications are subject to track approval