



## **Aztec Speedway Mini Stock Rules**

### **Driver**

1. Drivers shall be at least fourteen (14) years of age.
2. Drivers fourteen (14) years of age but less than eighteen (18) years of age are required to have written permission and proof of age to compete, and it must be signed by their parent or guardian.
3. NO PASSENGERS WILL BE ALLOWED
4. Helmets are required, shall be in good condition and shall have a minimum Snell rating of S95 or greater. An approved fire suit, gloves and neck brace are required, SFI rated. Head sock, and safety shoes recommended.

### **Vehicle And Body**

1. Vehicle shall be stock American or foreign made rear wheel drive; front engine passenger cars, station wagon or trucks with factory steel top.
2. Sunroofs or T-tops must be enclosed and reinforced.
3. Car must be a minimum weight of 2,300 pounds.
4. Vehicles shall have full and complete floorboards, visible from the passenger window.
5. All chrome trim, glass, mirrors and interior fabric must be removed.
6. No gutting of interior sheet metal, except doors and dashboard as required while installing roll-cage. Front wheel wells may be removed; however rear wheel wells must remain intact. All wheel openings may be cut for tire clearance, edges are to be rolled over. Cutting of metal out of car shall be kept to a minimum (cage clearance only). Pickup beds are to remain intact.
7. Cars must have a solid firewall between the driver's compartment and the gas tank/trunk area. The firewall between driver compartment and engine shall be in stock location with no modifications and all holes covered with metal. The interior of vehicles cannot be enclosed except for a fuel tank cover. Hood and trunk shall be securely fastened closed with pins. (Hood may be gutted) The rear of the hood shall be sealed off with metal at firewall so that no hot water/oils can get to driver's compartment.
8. All doors shall be secured shut (welded, bolted, chained, etc.).
9. Steel rub rails no larger than 1" x 2" may be attached to the body from fender well to fender well, flush with body and painted to match the vehicle, ends must be tapered.
10. Bumpers shall be in stock location and stock type of vehicle used and shall be capped back to fenders. Rear bumper for pickups, may be made from steel tubing, subject to approval by track officials. No reinforcement to bumpers will be allowed.
11. All sharp edges such as, torn fenders and body panels shall be repaired prior to next race.
12. A spoiler is allowed on the rear of the vehicle, it may not exceed six (6) inches in height at a maximum 30° angle, no other wings, skirts, air scoops, or the like that alters the stock appearance of the vehicle shall be



used. Air dams are okay.

13. Drivers may have a sun visor on the top of the windshield at Seven (7) inches maximum and must be metal.

### **Engine And Carburetor**

1. Engine must be the same make as the vehicle, 4 cylinders 4 strokes only, and 2350 cc maximum. No rotary engines are allowed.
2. No roller cams are allowed.
3. Any piston and rod combination is okay.
4. Stock crank and block required.
5. Stock steel heads only, no porting or polishing allowed.
6. No aftermarket intake manifolds allowed.
7. Motor mounts on engine and chassis must be in original stock location.
8. Headers are okay.
9. Exhaust must extend past the firewall under vehicle or through the firewall and out the passenger side. If exhaust is routed through the drivers' compartment it must have a guard to protect the driver and/or emergency personnel. Must run one (1) Schoenfield Muffler part #IMCA609 required in Aztec. Muffler must be mounted so that it may be inspected at any time, if mounted between header and tailpipe it must be easily removable.
10. The engine block may not be altered in such a way as to prevent it from being used in a stock street application. Stock OEM components must be able to immediately used in their stock location
11. Stock OEM Carburetor, Holly 2300 Series (List #4412) two barrel 500 CFM, or Holly List #0-7448 part # 0-80787-1 350 CFM.
12. No racing carburetors allowed.
13. No fuel injection of any kind allowed.

### **Radiators**

1. Any radiator may be used, and must be mounted in front of the engine. Radiator protectors are permitted. A two (2) inch O.D. maximum tube is to be positioned at the bottom edge of the reservoir, and cannot be more than four (4) inches in front of the stock radiator position.

### **Roll-Bars/Cage And Safety Equipment**

1. Six (6) point cage type roll-bars are required, and must be angle braced and welded or bolted to the frame in at least six (6) places to the satisfaction of track officials. On uni-body vehicles at least six (6) steel plates 6"x6"x3/16" will be required to mount the roll-bars to the vehicle. (Must also use 6"x6"x3/16" plates underneath with four (4) 1/2" bolts securing each one). Rear hoop recommended. All tubing shall be a minimum of 1 1/2" O.D. with a minimum wall thickness of .095". Three (3) horizontal door bars, with the bottom door bar located at approximately seat height, running from the front roll-bar to the rear roll-bar must be installed on the driver's side and two (2) on the passenger side of the vehicle, with ladder type vertical bracing required on the horizontal bars. Driver's doors shall have a minimum thickness of a .049 steel plate securely welded to the outside of the door bars. Plate must cover the area from top bar to bottom bar, and cover from front to rear of the seat. An additional bar must be welded on the top of the roll-cage running diagonally from the left front corner to the right rear corner or right front to left rear corner. Halo must be the same O.D. and thickness as main cage. Halo will have a cross in it, front to back or side-to-side. Cross must be same O.D. and thickness as main cage. Three (3) vertical bars are required in the driver's side windshield area from the top roll bar to the dash bar. A horizontal bar must be installed between the front vertical bars at dash height on all vehicles. No water pipe allowed. Roll bars in the



driver's area must be padded.

2. Cars shall have a window net on driver's side with a seat belt type latch on upper-front corner.
3. All vehicles must have a racing seat and seat shall be mounted to roll cage, NOT BOLTED TO THE FLOOR-BOARDS. Headrests are required.
4. Five (5) point safety belts required. Belts shall be mounted to roll cage. Belts shall be in good condition and are subject to inspection at any time during the season. Belts shall be from racing equipment supplier. (NO HOME MADE BELTS ALLOWED).
5. A fully charged chemical or CO2 fire extinguisher is required, 2 ½ pound minimum, mounted with a quick release handle within easy reach of the driver. Must have metal gauge and nozzle.

### **Electrical**

1. Battery shall be enclosed in a metal or plastic battery box located behind the driver's seat or in the trunk (bed of trucks). Battery shall be securely fastened to cage or frame in a metal frame by means of a metal strap (minimum 1/8 inch thick) and bolts (minimum 3/8 inch) shall sandwich the battery between the strap and the metal frame. A top shall be in place to cover the battery box. Passenger car type batteries must be used.
2. All cars shall have a kill switch located on the left side of the dash assessable from outside of the vehicle and it shall be clearly marked, ON, OFF.
3. All vehicles must be equipped with a starter and must be capable of starting under their own power.

### **Fuel And Fuel System**

1. Stock gas tank must be removed from under the car. Fuel cell shall be mounted inside the trunk (or in between the wheel wells for trucks) and secured by three (3) steel straps; minimum 1/8" thick by 1" wide (1 side to side, 2 front to rear). Six metal plates 1/8" thick x 4" square or round, shall be used on the underside of the body for washers to hold the fuel cell straps. Must be in metal can. Recommend: Mount Fuel Cell to Rear hoop. The capacity of the fuel cell shall not exceed nine (9) gallons. No outside fillers are allowed. Must have a minimum of six (6) drainage holes, at least ½" in diameter drilled in trunk floor under and around the fuel tank.
2. Track officials must approve all fuel cells.
3. No plastic fuel lines may be used. Mechanical fuel pumps are required, no electric fuel pumps, except for vehicles that were manufactured without a means to operate a mechanical fuel pump. Electric fuel pump must be operated through the ignition switch and must also have a pressure activated shut off attached to the engine oil pressure system. Such switch shall not allow fuel flow when the engine is not running. (Note: may be equipped with a momentary switch to allow for starting).
4. Gasoline use only, no additives may be used in fuel.

### **Brakes**

1. All vehicles must have four (4) wheel hydraulic brakes in good operating condition. No shutoff or restrictor valves allowed. Brakes are subject to inspection by track officials at any time.

### **Tires And Wheels**

1. Tires may be any D.O.T. approved highway tire manufactured for use on passenger cars with a tread width of 8 inches maximum, or McCreary 235/60-13 standard size, medium hardness, or Hoosier Dirt Bozz P235/60D-13 medium. Also to be allowed are Hoosier Dirt Bozz P245/60D-15 med and McCreary IMCA American Racer G60-15.
2. The Max wheel size is 15 X8; any backspacing is allowed.



3. All four tires must be the same. NO GROOVING, NO SIPING, SHAVING, RE-CAPPED, MUD AND SNOW, IMPLEMENT, OFF ROAD TIRES ARE ALLOWED.
4. Wheels shall be steel at a Maximum size of 15 x 8. After-market wheels are allowed. However, no home-made wheels or bead locks of any type will be allowed.
5. 1-inch lug nuts are required.

### **Steering, Chassis, Suspension, Rear Axle And Transmission**

1. Front and rear springs may be replaced with racing springs, and must be mounted in stock location.
2. Racing shocks are okay, but must be in stock location. Only one shock per wheel is allowed.
3. A 360 degree shaft loop is required and must be constructed of minimum ¼"x 2" steel and shall be mounted not less than six (6) inches or more than twelve (12) inches from the front universal joint. Use steel drive shafts only, must be painted white.
4. All transmissions must be stock O.E.M. and must have reverse and all forward gears working order.
5. No transmission oil coolers may be mounted inside the vehicle.
6. A quick release steering wheel is optional.
7. Locked rear ends are REQUIRED.
8. No lightened components, or ford 9" rear ends allowed.
9. All bearing retainers must be tack welded. Any axle that is lost due to failure to tack weld the bearing retainer; will result in one (1) event suspension from racing.
10. Transmission tunnel shall be plated from firewall back 18" and from drivers' floor to passenger floors on all vehicles. Plates must be constructed of a minimum thickness of .049 steel and must be securely fastened to car.
11. All cars must have an operable clutch at all times.
12. Full sized flywheel required, no multiple disc clutches, and no aluminum clutch components (NO COUPLERS) are allowed.

### **Identification/Car Numbers**

1. All vehicles must be colorfully painted.
2. Vehicle numbers shall be on both side doors and on the roof.
3. Vehicle numbers shall be clearly marked in contrasting colors.
4. Vehicle numbers shall be a minimum of fifteen (15) inches tall and three (3) inches wide.
5. You can name your car as long as it does not interfere with any numbers.