

2.2. NO welding, chopping, shortening, or lowering of frame is allowed.

**3. DRIVER SAFETY EQUIPMENT**

- 3.1. Full body SFI rated fire retardant suit mandatory. Either a one-piece or two-piece race suit is acceptable. If fire suit appears weathered, burned, or otherwise compromised, or if SFI tag is not visible/legible, AIS Officials reserve the right to reject any suit.
- 3.2. SFI rated fire retardant undergarments are recommended.
- 3.3. Approved SFI rated racing shoes or leather work boots are permitted. ABSOLUTELY no sneakers allowed. Fire retardant socks recommended.
- 3.4. Fire retardant racing gloves required.
- 3.5. All drivers must have a full face race helmet that meets a minimum Snell SA2000 rating with no sign of previous damage. NO open face helmets permitted.
- 3.6. Neck collar or head and neck restraint device is mandatory for your safety.

**4. OVERALL CAR WEIGHT**

- 4.1. 1 pound per cc.
- 4.2. Weight must be displayed on hood of car.

**5. ADDED CAR WEIGHT**

- 5.1. Added weight must be in block form magnetic steel or lead only of no less than five (5) pound blocks (no pellets). Added weight must be securely bolted to the frame rail and painted white with the car number stenciled in black. No added weight will be permitted inside the driver's compartment. Weight must be welded in a box or attached with two (2) or more 7/16" diameter (minimum) grade 8 bolts and locking nuts.

**6. WINDOW NET**

- 6.1. All cars must have an SFI-approved net properly installed in the driver's window area. Window net must be securely mounted with a good type of quick release that must be inspected and acceptable to AIS Tech Inspector(s).

**7. WINDSHIELD**

- 7.1. All glass must be removed.
- 7.2. Stock windshield will be permitted ONLY if it is not cracked.
- 7.3. Lexan or wire mesh may be used for windshield with at least two safety straps in the center.
- 7.4. Three (3) inch maximum visor over windshield permitted. May not obstruct the driver's view in any direction.

**8. REAR VIEW MIRROR**

8.1. Absolutely NO mirrors allowed.

**9. INTERIOR**

- 9.1. An aluminum racing seat is mandatory. NO fiberglass seats permitted. Must be securely mounted to frame or roll cage in a minimum of six (6) points (four at the bottom and two at the back).
- 9.2. Must use SFI approved racing harness with a minimum of five (5) points, properly mounted to the roll cage. Belts must be three (3) inches wide and have a quick release latch. Restraints must be dated within five (5) years of the date of use. Date stamp must be legible – harnesses with illegible date stamps will NOT be permitted. AIS Officials reserve the right to reject any harness that shows discoloration or wear.
- 9.3. All roll bars located around driver must be padded. Fire retardant padding recommended.

**10. GENERAL ENGINE REQUIREMENTS**

- 10.1. Must be stock OEM for year make and model of car. No swapping of twin cam head on a single cam block, or single cam head on twin cam block.
- 10.2. Pistons must be OEM stock height, stock material, with an identical OEM stock combustion. May overbore up to .040" in diameter only. Any replacement piston must be equal to or greater in weight than the OEM stock piston or flat top pistons are permitted. NO Dome Pistons Allowed.
- 10.3. All sensors must be in stock OEM position of factory and in working order.
- 10.4. NO Tampering with casting numbers.

**11. BATTERY**

- 11.1. All cars must have a main power disconnect located within reach of the driver and clearly marked. Power disconnect must shut off the WHOLE electrical system – a key switch does not and cannot take the place of the main disconnect.

**12. RADIOS**

- 12.1. Monitoring of AIS Race Control on frequency 454.0000 is mandatory via a RaceCeiver, microscanner, or receiver. The approved one-way receiver must be mounted in plain view for inspection. Any car not monitoring the Race Control frequency during practice will be black-flagged to be made aware of their failure and is required to remedy it before proceeding further in the event. Any car not monitoring the Race Control during competition may be removed from the track at the discretion of AIS Officials. No other form of one- or two-way communication is permitted in the car at any time.

**13. EXHAUST SYSTEM**

- 13.1. Any oval style muffler (i.e., Turbo or OEM). Maximum in and out diameter of 2-1/2".
- 13.2. Must exit at the rear behind the driver.
- 13.3. NO Headers allowed.

**14. DRIVESHAFT/DRIVE AXLES**

14.1. Driveshafts and drive axles must be painted white.

14.2. Rear wheel drive vehicles must have a drive shaft loop.

#### **15. TRANSMISSION**

15.1. Stock OEM transmission ONLY for make and model of car.

15.2. No fabricating of mounts allowed.

#### **16. SUSPENSION**

16.1. Maximum camber adjustment is five (5) degrees, no major modifications to get camber that means NO cutting or Welding to get camber.

16.2. NO CASTOR will be allowed.

16.3. Must be OEM stock shocks, struts, and springs. Absolutely NO Racing components allowed.

#### **17. TIRES AND WHEELS**

17.1. OEM wheels mandatory for year, make, and model. Steel wheels ( Bassett Aero) Standard weight wheel only. NO Aluminum wheels allowed.

17.2. DOT tires only.

17.3. Tire sizes allowed are 165-235, 50/60/65/70/75 series. Tread wear must be 260 or higher. NO Camber cut tires allowed.

17.4. No mismatching of wheel sizes allowed. The same size wheel must be used on each side.

17.5. Permitted wheel sizes are 13, 14, 15.

17.6. NO wheel spacers or shims permitted.

NOTE: A participant competing in any race at AIS specifically agrees that he/she acknowledges it is illegal to soak or treat racing tires and that said soaking or treatment of racing tires is against EPA regulations and further contains carcinogens and hazardous material which are unfit for his/her health and the health of all competitors and spectators. Any participant found violating the rule is subject to suspension.

#### **18. GROUND CLEARANCE REQUIREMENTS**

18.1. All ground clearance measurements will be taken at the lowest point, with the driver fully suited and in the driver's seat in a normal sitting position. There is zero tolerance.

18.2. Frame rails must have a minimum of five (5) inches of ground clearance.

18.3. There will be four (4) points of measurement on the frame.

#### **19. BRAKES**

19.1. Must have four (4) wheel working brakes.

19.2. No shut-offs or bias adjusters allowed.

**20. FUEL CELL**

20.1. Fuel cells are permitted but not mandatory, 8 gallon fuel cell maximum and must be mounted in the trunk area.

20.2. Fuel cell installation must be inspected and approved by AIS Tech Inspector(s).

20.3. Main power of fuel pump must be wired to clearly labeled safety shut off switch.

**21. ROLL BARS**

21.1. A four (4) point cage minimum – six (6) point cage maximum – is mandatory. Must be inspected and approved by AIS Tech Inspector(s).

21.2. Must have 1/8" steel plate welded to outside of driver's side of roll cage to protect driver, 3 horizontal bars must be welded in the drivers door of roll cage for safety reasons.

21.3. Six point roll cage must have gussets welded at all 90 degree joints.

21.4. Cage must be built with suitable headroom for driver.

21.5. No front tubing in engine compartment at all.

21.6. Rear strut bracing allowed only from strut tower to strut tower, and will not be attached to the cage at all.

21.7. Solid welds only – no holes or bubbles.

21.8. Pipes must be completely welded.

21.9. No kinked tubing or torched bent tubing allowed.

NOTE – Competitors are solely and directly responsible for the safety of their race cars and racing equipment and are obligated to perform their duties (whether as a car owner, driver, or crew member) in a manner designed to minimize to the highest degree possible to risk of injury to themselves and others.

**REMINDER: ANYTHING not specifically addressed in the rules – or any deviation from the above rules – MUST be cleared with and approved by AIS Officials PRIOR to acceptance. Any questions Tech Officials can be reached at Frank Nortz 315-489-9424 or Verne Harris 315-771-0312.**

