

# CANAAN FAIR SPEEDWAY

## PURE STOCK RULES

All crate engine rules on page 4.

1. All cars must be neat appearing. All cars shall be painted in contrasting colors and have appropriate 18 inch numbers. No profanity permitted.
2. Minimum wheel base is 101 inches.
3. American made passenger car models only.
4. Only two wheel drive models allowed.
5. All glass windshields must be removed. Windshield may be replaced with Lexan material. All other glass may be replaced with Lexan except for the front doors.
6. Steering wheel center must be padded. All roll bars within drivers reach must be padded.
7. All doors must be securely fastened. Hood and rear deck lid must have pull pin type fasteners.
8. Exhaust: Stock cast iron manifolds only on V8 engines. Mufflers required and must exit under the car. Not out the side and must pass a 96 decibel test. Any car having the exhaust exiting out the right side of the car WILL NOT BE ALLOWED TO COMPETE!! New cars that register after the first 4 scheduled meets of the season will be allowed 13 CONSECUTIVE CALENDAR DAYS from the date of registration to comply with the muffler and exhaust and location rule.
9. Models with T-tops or convertibles are not permitted. Sun roofs must be removed and covered with a minimum 22 gauge steel.
10. All body panels must be stock appearing. Inner panels may be removed. After market panels may be used, but must be stock appearing and be of magnetic steel only.
11. Drivers seat must be aluminum racing seat. A support brace must be installed at the back of the seat.
12. All upholstery, additional seats, and any flammable materials or articles must be removed.
13. Original stock floor boards and firewalls must remain in place. Any holes must be covered with a minimum 22 gauge steel.
14. Battery must be securely mounted and covered outside of drivers compartment.
15. Roll cage is mandatory. Trunk area must be sealed from the drivers compartment.

16. A five point safety harness is mandatory.
17. Quick release window net is mandatory.
18. Fire extinguishers mandatory. Must be securely mounted within drivers reach. It must be quick release type, not held in place by zip ties.
19. Quick release steering wheel is permitted.
20. Springs must have same number of coils, same coil diameter, same wire diameter, same free height and they must be the same side to side. Wire diameter will be allowed a maximum of .050 tolerance.
21. Frame height: The minimum will be 6 inches measured from the lowest point on the frame rail after the race with the driver in the car. This will be measured on the Canaan tech shed floor. Air in any tire may be added up to a 25 pound maximum reading on the tire gauge.
22. Rear ends shall be stock. Locked or welded rear ends allowed. Aftermarket spools are allowed.
23. Fuel cells are mandatory. To be mounted behind firewall in the trunk area.
24. No jacking bolts, adjustable shackles or adjustable buckets of any kind. Spacers, lowering blocks, shims and spring rubbers are allowed. All spring mounting points must be the same. Left rear and right rear the same, left front and right front the same.
25. Stock replacement tubular upper A-arms may be used but must have the same frame mounting points as stock A-arms for chassis used. A-arms must be the same length on left and right side. Stock frame mounts must be used and no changing of height or width from stock. The tubular A-arms must use a bolt in ball joint. Screw in ball joints are not allowed.
26. Rear spoiler is to be clear lexan and no taller than 8" regardless of angle and to be measured from mounting surface to the top edge of the spoiler. It is to be mounted in the center of the body and no wider than the body at the mounting points. The height is to be no higher than 43" from the CFS tech floor at its highest point. No side boxing is permitted. All bracing is to be in the rear of the spoiler and done in such a way that an aerodynamic advantage is not gained. Spoiler must be flat across the top with No lips or angles of any kind. Spoiler height will be checked with driver in the car after the feature. The discretion of the tech department will be final!!
27. All cars must weigh 3100 lbs with the driver in the car and have no more than 54% left side weight at the beginning of the race.
28. Tires must be DOT type radial tires (14 or 15 inch in 65, 70, or 75 series). Seven or eight inch racing wheels permitted. White spoke or stock OEM steel allowed. One inch lug nuts required. No aluminum wheels allowed.
29. Camber: Right and left front 2 inches maximum. Measurement will be at the wheel rim with driver in the car. **CFS OFFICIALS RESERVE THE RIGHT TO ADJUST DUE TO DAMAGE OR IN THE INTEREST OF COMPETITION.**

30. Automatic transmission only. Torque converters required.
31. Engine: 6 or 8 cylinders. Maximum size shall be 355 cubic inches. Engine must be stock. Minimum cylinder head cc's shall be 70. Casting numbers must show that factory specs are more than 70 cc's. The only aftermarket heads allowed are World Products Inc. part #43600 stock out of box. Heads may be milled to a minimum of 70 cc's. No center bolt valve covers allowed. Pistons must be stock type. No forged, pop up or two eyebrow types allowed. Stock replacement cast or hypereutectic type piston allowed. Total lift of camshaft is to be no more than .410 when measured at valve. Lifters may be solid or hydraulic. No mushroom, hydraulic roller or solid rollers allowed. Blocks allowed to be bored up to 4.030 and can be decked for clean up.
32. Any head may be confiscated if it does not meet tech approval. If an outside source is needed for a second opinion it will be taken to the facility with two members from the team and a Tech official. At that point in time whether the head is legal or illegal it will be returned to the competitor and any penalties will be assessed.
33. Any factory stock 4 barrel Quadrajet or Holley 4412 carburetor or fuel injection for v6 engines.
34. All intake manifolds must be OEM factory stock for fuel system used. NO after market performance intake manifolds of any type.
35. **THE DISCRETION OF THE TECH DEPARTMENT IN ALL MATTERS CONCERNING THESE RULES WILL BE FINAL AND IN ALL CASES ALL PENALTIES WILL BE DETERMINED ON A CASE BY CASE BASIS**

## CRATE ENGINE RULES

36. All GM crate engines must be registered, sealed, and approved by Tech officials before competing. The GM Canaan Tech sealed and approved part number #88958602 will be allowed after you purchase a Canaan Speedway restrictor plate. Must run a Holley 4412. The restrictor plate must in installed and sealed by a Canaan Tech official.
37. All crate engine owners must contact Canaan Tech for sealing purposes as soon as possible so that the sealing fee can be kept to a minimum. The minimum fee will be \$100, this fee will increase depending on the amount of time and effort it takes to check what is needed and that will be determined on a case by case basis.
38. ANY CAR FOUND RUNNING A CRATE ENGINE THAT IS NOT REGISTERED WITH CANAAN TECH WILL BE AUTOMATICALLY DEEMED AS ILLEGAL AND WILL BE DISQUALIFIED.
39. THE DISCRETION OF THE TECH DEPARTMENT IN ALL MATTERS CONCERNING THESE RULES WILL BE FINAL AND IN ALL CASES ALL PENALTIES WILL BE DETERMINED ON A CASE BY CASE BASIS.