



V8 Super Mini Modifieds

1850 lbs – 2000 lbs

Non-Points Event

Demonstration Class 2024

Driver Eligibility

1. General Rules apply.
2. Drivers must be at least 16 years old with parental consent.
3. Helmet, fire suit having a minimum single layer rating of SFI 3.2A-1, and closed-toe shoes MANDATORY.

Tractor

1. Tractors may be homemade but are limited to 8 feet in length from the center of the rear axle to the furthest forward point including wheels. Maximum width of 6'6" from outside to outside.
2. Engines will be limited as follows:

- a. Automotive engines:

V8 Dirt Rules 360 CI Max Sealed
Crate Motor 650 CFM Carb

3. Ignition System- any type.
4. Fuel System- Carburetors. Carburetors only (rotary type engines). No oxidizers (i.e. nitrous oxide) or pressurized tanks.
5. Fuel Type- Gasoline. No other fuels.
6. Maximum Tire Size: 18.4 x 16.1.
7. Tire tread pattern may be bar or turf type. No paddle tires. Alterations allowed.
8. Shielding requirements:
 - a. 1/16" metal shields must be provided over belts, chains, fans, etc.
 - b. 1/8" steel shields or an approved safety blanket must be provided 360 degrees around clutches (the shields must cover the area from the front of the bell housing a minimum of 4" to the rear) and automatic transmissions.



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- c. 1/8" steel shields or approved safety blanket must be provided 360 degrees around automatic transmissions.
 - d. 1/8" metal shields must be provided on both sides of the engines. Each shield must be as long as the block and must extend from the top of the oil pan to the underside of the cylinders.
9. Tractors must have fenders to protect the driver from the rear tires.
 10. Tractors with automatic transmissions shall be equipped with positive lockout to prevent accidental engagement of reverse gear. Safety start switch so the tractor cannot be started in gear. Hitch Height – 14" Maximum.
 11. The hook hole in the drawbar must be a minimum of 2" in diameter. A minimum of 3/8" material around the diameter of the hole. Hitches rigid in all directions with 3" on either side of the hitch as dead man zone from hitch to top of seat. No weights in the dead man zone, and only the kill switch centered approximately 10-12 inches above the hitch in this area.
 12. It is RECOMMENDED for 2024 that the tractor has a Rollover protection bar or cage that is at least as high as the top of the driver's head/helmet. No JUNK is allowed. Rollover protection must be fastened by at least two points to the rear axle housing. Rollover protection must be able to lift one rear wheel when pulled horizontally from the top of the bar/cage without damage to the bar/cage. If a rollover protection bar is installed, it is MANDATORY to wear a functioning lap belt that is tight. If a roll cage is installed, it is MANDATORY to wear a 5-point harness that is buckled and tight.
 13. Wheelie bars must be rigid in all directions and able to support the tractor and driver in the heaviest class. Each skid shoe must be a minimum of 2"x3" or the use of 5" wheels is allowed. The Tractor must have 2 skid shoes or 2 wheels. The wheelie bars must be a minimum of 5" from the rearmost of the tire and a maximum of 10". The wheelie bars must also be a maximum of 5" inches from the ground to the bottom of skid shoes or wheels. A bumper bar 6" in length vertical in rearmost position is required. Weights on the back of the tractor must be contained up to 1" before the end of the wheelie bars.
 14. ALL TRACTORS MUST HAVE a minimum of a 2 lb. fire extinguisher fully charged on board in reach of the operator. A functional gauge on all fire extinguishers is required.