

Junior Fuel (JF/)

Multi class eliminator run on the dial your own system for supercharged, injected and carbureted V8, centre steer front engine dragsters, altered and funny cars built in the traditional nostalgia style. Mechanically injected and supercharged, roots type superchargers only, 14/71 standard helix maximum (no screw type superchargers). Methanol or petrol fuel only except where mechanical injection only is used with no supercharger. These vehicles may use a Methanol Nitro Methane mix up to 85%.

Normally aspirated dragsters and altered with know 1/4 mile et's slower than 9.50 must enter Sling Shot.

“Dial your own” handicap system, all vehicles faster than 150mph (240kph) are required to meet the following drive line standards.

Class Designation: /JF

Eliminator: Junior Fuel

Class Details:

A/JF Unsupercharged dragsters, altered and funny cars with engines of 8 or more cylinders.

AA/JF Supercharged or Nitro Methane injected, dragsters, altered or funny cars with engines of 8 or more cylinders.

Class Regulations

Drive Train

Auto Trans/Converters: Refer General Regulations

Clutch: Multi stage/Lock-up clutches prohibited. Clutch must be manually operated by the driver's foot. Electronics, pneumatics, hydraulics or any other device may in no way affect the clutch system, and the throwout bearing must release all fingers, levers or stages simultaneously. Staged or variable release clutches of any description prohibited. Refer General Regulations.

Drive Line: Refer General Regulations

Flywheel: Refer General Regulations.

Superchargers: Maximum 14/71 Roots Type, overdrive restrictions may apply for parity, no screw type. Please review notes on superchargers, section 6.12.

Rear Axle: Spools permitted. Four wheel drive or front wheel drive not permitted. Refer General Regulations

Fuel: Alcohol or petrol only, except in the case of non supercharged mechanically injected dragsters and altered, these vehicles only may use an Alcohol Nitro Methane mixed fuel. Refer General Regulations

Transmission: Each car in this section must have some positive means of disengaging the engine from the final drive, and an operative reverse gear is required. Aftermarket clutchless manual transmissions are not permitted all others limited to a maximum four forward gears. Lenco transmissions to a maximum three forward gears permitted.

Automotive based automatic transmission of up to four speeds, using a torque converter also permitted. Refer General Regulations

Wheels and Tyres: Motorcycle wheels are not permitted. Rear tyres are limited to a maximum width of sixteen inches (16") (450mm)

Brakes: Refer General Regulations.

Suspension: Operative automotive type front suspension is required on vehicles less than 2921mm (115 inch) wheelbase. Solid front ends allowed with wheelbase of 2921mm (115 inches) or more. Solid rear ends permitted on all vehicles. Suspension systems using a single shock absorber per axle are not permitted. Refer General Regulations

Driver and Safety

Arm Restraints: Required. Refer General Regulations.

Delay Devices: Not permitted

Driver: Must sit behind engine. Driver's body must be completely within the car's body. Any car which has no crossmember above the driver's legs should have strap or device to prevent the driver's legs from projecting outside the chassis.

Fire Extinguisher System. Refer General Regulations.

Helmet: Required. Refer General Regulations.

Licence Requirements: UDL as a minimum, GOL required for Nitro Methane fueled vehicles.

Neck Collar: Required in all vehicles quicker than 7.50 seconds (1/4 mile)/ 4.90 seconds (1/8 mile).

Night Lighting: Required. Refer General Regulations

Parachute: Compulsory for vehicles capable of exceeding 130mph with two wheel brakes or 140mph with four wheel brakes. Refer General Regulations.

Protective Clothing: Required. Refer General Regulations

Night Lighting: Required. Refer General Regulations

Safety Belts: Required. Refer General Regulations.

Self Starting: Required. Push starts not permitted.

Technical Inspection: Required. Refer General Regulations.