

Slingshot (/SS)

Multi class eliminator run on the dial your own system for front engine dragsters and altered either four (4) cylinder sidevalve, six (6) cylinder (any pre-1975 pushrod or sidevalve engine) or sidevalve eight cylinder engines only (V12 side valve Ford engines also acceptable), carburetored, mechanically injected or supercharged, roots type 8/71 maximum only. Other engines and superchargers reminiscent of the era may be acceptable upon application to CNDRA, methanol or petrol fuel only, no nitrous oxide.

NB. Engines of other origin reminiscent of the era may be acceptable upon application to CNDRA.

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

“Dial your own” handicap system. Traditional FED and altered vehicles must be centre steer, some other side steer vehicles reminiscent of the era may be eligible to compete.

Class Designation: /SS

Eliminator: Sling Shot

Class Details:

A/SS Unsupercharged dragsters or altered with engines of 8 or more cylinders.

B/SS Unsupercharged four cylinder sidevalve or inline 6 cylinder powered dragsters or altered.

AA/SS Supercharged, turbocharged or nitrous oxide dragsters or altered with engines of 8 or more cylinders.

BB/SS Supercharged, turbocharged or nitrous oxide four cylinder sidevalve or inline 6 cylinder powered dragsters or altered.

On vehicles where turbocharging is permitted it must remain reminiscent of the era.

Non compliant four cylinder vehicles currently competing with the CNDRA may continue to do so until the end of the 2010 season.

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 8/71 Roots Type, overdrive restrictions may apply for parity, no screw type.

Rear Axle: Spools permitted. Four wheel drive or front wheel drive not permitted. 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 twelve inches (12") (300mm)

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.

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 130 MPH 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.