

2022 NEW LONDON WATERFORD SPEEDBOWL OPEN STREET STOCK DIVISION

2022 NLWS Open Street Stock Competition and Tech Contacts:

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First update-June 11, 2022, re: shocks
Second update-August 30, 2022, re: tires

INTRODUCTION

The Open Street Stock Division exists to give competitors that compete away from the New London Waterford Speedbowl the ability to race with other Street Stock type cars from area tracks. This division and the below rules are in effect for all Open Street Stock Division Events as well as the North East Street Stock Championship which is held at the end of the season. This division earns points along with a championship throughout the season ending with the Final Weekly Points Event held for NLWS Weekly Racing. Competitors who win one of the Open Street Stock feature events scheduled during the season earn an automatic starting spot for the Northeast Street Stock Championship. The automatic starting spot guarantees the competitor will start the feature if they do not qualify their way into the Northeast Street Stock Championship Race. This starting position would be ahead of any provisional starting spots that may be granted.

GENERAL RULES

1) Preface

The intent of the New London Waterford Speedbowl general and divisional rules is to foster a safe and orderly environment for competitive motorsports and entertainment. The knowledge of, and adherence to, these rules is ultimately the participant's responsibility. No expressed or implied warranty of safety shall result from the publication of, or compliance with, these rules. There is no way a guarantee against injury or death to participants, spectators, officials, or any other individual involved.

2) Interpretation and Amendment

- a) Interpretations of the rules contained herein will be the sole responsibility of authorized officials of New London Waterford Speedbowl. Their interpretations and judgments shall be final.
- b) These rules may only be amended by the Race Director or an authorized officer of New London Waterford Speedbowl. This amendment will be posted on the New London Waterford Speedbowl website, www.speedbowlct.com, and may be sent out via email to all registered teams. An amendment is effective upon the date of publication by New London Waterford Speedbowl regardless of when a participant receives actual notice.

3) Safety

- a) 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 members) in a manner designed to minimize to the degree possible the risk of injury to themselves and others.

4) Driver Eligibility

a) Drivers 14 years old and up are eligible to compete in the New London Waterford Speedbowl Open Street Stock Division.

b) In order to participate in any on-track activity, a driver must be signed in with the handicapper and have all completed paperwork on file. Paperwork includes Driver Registration form, Number Registration Form, etc.

5) Driver Safety

a) A full fire suit made of double-layered, Nomex material, clean and in good condition is mandatory. Fire retardant gloves and shoes are mandatory and must be worn during all on-track activities. All safety equipment must be SFI rated.

b) All safety equipment (gloves, helmets, seats, etc.) must be approved by New London Waterford Speedbowl Officials.

c) SA2005 or newer rated helmets are mandatory for all motor vehicle events. Full-face helmets are mandatory.

d) All cars must have a battery cutoff switch on the driver's right side crossbar or in the dash board area. It must be within reach of the driver and be accessible to safety crews from both the left and right sides.

e) An aluminum racing seat is mandatory. The driver's seat must appear as close to stock position as possible and must be securely bolted to the roll cage and frame members and not to floorboards.

f) Seat belts must be a minimum five-point, two (2.0) inch wide system with a metal-to-metal central quick release latch. All five (5) points must be securely mounted by manufacturer's specifications and must be approved by New London Waterford Speedbowl Officials. Belts must be no older than three (3) years from the date of manufacture or no older than the date of expiration and be SFI certified. Belts with visible wear and/or tears will not be permitted.

g) A head and neck restraint system (i.e. HANS, Hutchens, or similar) is mandatory.

h) Smoking is not allowed in the racecar, inspection area, in any buildings, or near the Sunoco fuel station.

6) All Owners, Drivers, and Team members must familiarize themselves with the current year NLWS General Rule Book. Most if not all items contained in there will apply to this division unless otherwise noted here.

Chassis: General Motors Metric G-Body or Johnson X-Y-G, Second Generation Camaro or Firebird. 108" Wheelbase. No Late Model, Offset, or Pro-Stock type frames.

Ride Height: 5 Inch Minimum

Weight: Post Race with Driver— Left Side 55% Post Race Maximum

Built Engine Max 9.5:1 with 2 Barrel Carburetor only, 3100 Lbs.

Built Engine 9.6:1 to 10.5:1 with 2 Barrel Carburetor only, 3150 Lbs.

Sealed GM 602 Crate Engine with 4 Barrel Carburetor, 3050 Lbs.

Sealed GM 602 Crate Engine with 2 Barrel Carburetor, 2950 Lbs.

Weight must be clearly marks on the Driver's Side A-Post or Roll Bar near it.

Tires:

No Chemical Treating of tires permitted.

Hoosier 790 ~~and 970~~

American Racer 705 225/70 x 15.0 and 235/70 x 15.0

Those are the only 2 types of tires allowed to be run.

Rim: Steel, 15 Inch, 7 or 8 Inch Wide. 19 Pound minimum wheel weight.

Tread Width:74 Inches, Measured at wheel center height. Left outside bead seat to right outside bead seat.

Shocks Absorbers: Sealed Steel Body, non-rebuildable, non-adjustable. Maximum retail cost \$150.00. This adjustment is made due to rising costs of Parts, and the limited availability from manufacturers.

Bodies: Street Stock, Sportsman Type. No ABC Late Model, Offset, or Wedge Bodies.

Spoiler: 5 Inch x 60 Inch Maximum. Clear Lexan Only.

Clutch: 10.5 Inch Stock Type. No Multi-Disc Assemblies. No Aluminum Components.

Engines:

Custom Built Small Block Chevy-358 Maximum Cubic Inches. Flat Tappet .842 diameter Hydraulic or Mechanical Cams Only. Maximum lift of .550 with Zero Lash. No Roller Cams. Iron Heads Only. 1.94" Intake Valves 1.50" Exhaust Valves. 1.5 Rocker Ratio. 10.5:1 Maximum Compression Ratio. Edelbrock 2101 or 2116 Intake Manifolds Only. Gauge Legal Holley 4412 Carburetor Only, Choke flap and shaft may be removed. 1" inch Carburetor Adaptor Spacer with two .070" Gaskets Only.

GM Crate Engine– P/N88958602. All Factory Seals must be in place. No SK Lite Engines. No rebuilt engines. Holly Carburetor, Gauge Legal 4412 and 80541-1 or -2 are the only approved part numbers for this engine. A 1" inch carburetor adaptor or spacer with two .070" gaskets only.

Exhaust: Mufflers must be in good condition. 96Db are mandatory. Exhaust must exit under the car behind the driver or out the right side.

Fuel: Petroleum based automotive gasoline only. No Alcohol, Methanol, Nitro Methane, or any other type of fuel additive.

Radios: No 2 Way Communication between driver and crew is permitted. All drivers MUST have a working Raceceiver, scanner, etc. in their car to listen to Race Control. Track Frequency is 454.000