

## **2021: OUTLAW OPEN MODIFIED SERIES & OPEN MODIFIED RULES**

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4/10/21 THOMPSON ICEBREAKER

Gear Rule: Built Engines 4:64, Spec Engines 4:64

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4/17/21 NEW HAMPSHIRE MOTOR SPEEDWAY; INAUGURAL NORTHEAST CLASSIC

Gear Rule: Built & Spec Engines 3.98 max. 3.74 min.

\*NO RESTRICTOR PLATE REQUIRED\*



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### **2021 Modified Car Rules**

The intent of the following rules is to allow competitive racing between different racing series.

ALL Tour Type Modifieds must follow the 2021 NASCAR Whelen Tour, R.O.C., M.R.S. or Weekly track rules (Rules may NOT be combined between series), with the following exceptions/additions.

#### **BASIC CAR RULES**

A. Any safe modified type racer with a wheelbase between 104" – 110"

updated:9. 2. 20

- B. Maximum tread width 84" when measured at wheel bead.
- C. All cars must have their own transponders and must be mounted on the right side 12.00 back from CL of the rear axle.
- D. All cars must have mufflers.
- E. Rear Spoiler 48.0" maximum width 8.0" maximum blade height maximum of 44.0" from ground to top of spoiler with driver in car.
- F. No Traction Control allowed.
- G. Spool type rears only.
- H. No Coil Binding, Bump Stops or travel limiting devices allowed, only one rubber per front spring allowed.
- I. Roof Intrusion Plate required on any car with a fiberglass or non-steel roof.
- J. Flat straight windshields only on driver side maximum width of 24" and minimum thickness ¼ Lexan.

## **WEIGHT RULE**

All total and left side weights are with driver strapped in seat before starting heat and feature.

- A. SK and Sportsman modified minimum weight 2575 lbs. 57% maximum left side weight.
  - I. Tour Type Modified 355ci – 364ci = 2600 lbs . 365ci – 372ci = 2650 lbs.  
SPEC engine = 2650 lbs. Maximum left side weight 56%.

## **SPECIFIC ENGINE RULES**

- A. SPEC engines must meet all NASCAR specifications including carburetor and seals.

- B. All aluminum head built engines will use only the 390 cfm carburetor with .500 shortened bridged boosters that meet MRS series rules. The only exception is the Dart aluminum budget/spec head package which can use any size Holley Model 4150 HP series carburetor. All carburetors must have booster's safety wired.
- C. All aluminum head engines are allowed one single maximum 2 inch carburetor spacer.
- D. 650 cfm carburetors must pass go-no-gauges.
- E. Maximum cubic inch limit 372ci for all built engines.
- F. All ported steel head engines must use Holley 4777 – 650 cfm carburetor with stock Holley OEM components for this model carburetor.
- G. SK modified maximum 650 cfm carburetor only. No modifications other than removal of the choke tower.
- H. Tri – Y headers allowed.
- I. Engine compression and displacement equipment will be present at each event.
- J. Maximum compression ratio on all engines is 12:1 any engine exceeding 12:1 will be assessed a weight penalty to be determined by the Tri Track tech staff.

## **FUEL**

- A. Tri-Track approved fuels (Sunoco) must be a leaded fuel with a pump octane 110-112 (R+M) and meet the manufacturer's specifications.
- B. Fuel samples will be tested to the manufacturer's specifications.
- C. Tri-Track legal fuels must be used for practice, qualifying, and competition.
- D. Tri-Track has the right to sample a competitor's fuel at any time during event. Samples will be impounded for observation and/or testing by Tri-Track, Sunoco, NERF and/or any outside laboratories at Tri-Track's discretion.
- E. No fueling or refueling during any qualifying or feature events.

## Tire Rules

### Tire Type:



Tire Type – Hoosier 1320 Left, Hoosier 1330 right

1. Teams will be allowed to buy a maximum of 9 tires at all series race tracks. All teams are required to purchase 4 to 5 in order to compete. The other 4 tires for practice and inventory are optional (5 tires for race and 4 for practice) All tires will be recorded. You don't have to buy 9 tires.
2. A total of five tires will be allowed in qualifying heats and feature (four plus one for change).
3. Teams will be able to use any recorded tire in their inventory for spares in case of flats or wrecks (must come off track flat or damaged).
4. Qualifying: The tires you race in the heat will be the tires you start feature with.
5. Consi: Teams will be allowed to use any of their registered car numbered tires purchased in 2020 including the tires you attempted to qualify with. Your one new 5<sup>th</sup> change tire purchased on event day will also be allowed for use in consi. Any team planning or intending to use tires from their 2020 inventory for the consi must bring said tires to tech officials prior to practice unmounted for inspection and approval for consi use. You must put your heat race tires back on for the feature. This will be fair for everyone as they will have the same laps on their tires for the start of the feature.
- 6a. Feature: You will be allowed to swap qualified tires from front to back to achieve proper stagger before or during the feature. You can only use one new change tire, that tire can be used at any time for feature. You will not be allowed to put on any other tires. Only if the tire is completely flat or damaged can you make an additional change with a 2020 inventory tire. Anyone caught tampering with tires will face disqualification. Remember...all tires are recorded. If you do not have the proper tires on after the heat race and feature race you will face disqualification and or a one race suspension if anyone is caught tampering depending on the infraction.

6b. Any flat or damaged tire during a qualifying race cannot be replaced with a non-inventory tire. They can ONLY be replaced with a inventory tire approved by Tri Track officials.

7. ALL tires used in Heat, B Main and Feature MUST be purchased at track the day of the event.

8. Tires cannot be purchased from any outside vendors, ONLY at track.

8. You may pre order tires for all race events, however, they must be purchased at the race track on race day for that specific event. Tires will be recorded at that time. Tires will be available race day for practice and race to anyone that didn't preorder. Contact [Dan@hoosiertireeast.com](mailto:Dan@hoosiertireeast.com) or by calling him at (860) 646-9646 to pre order tires for each race.

9. No team can swap or sell tires.

10. Teams can practice on any brand of tire.

11. NO tire CONDITIONER of any type allowed.

ANYONE TEAM CAUGHT VIOLATING ABOVE RULES WILL BE SUBJECT TO DISQUALIFICATION AND A ONE RACE SUSPENSION OR FINE.  
TRI-TRACK RULE #1 SUPERCEDES ANY QUESTIONABLE CALL. C-S (COMMON SENSE)

\*ALL SPECIFICATIONS AND REGULATIONS CONTAINED HEREIN ARE SUBJECT TO DELETIONS, ADDITIONS AND/OR VERBAL DIRECTIVE OF THE TRI TRACK SERIES OFFICIALS WITHOUT PRIOR NOTIFICATION.