

## RULE BOOK DISCLAIMER

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL

RESULT FOR PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.

Management shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his/her opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY

SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final



# 2023 CRATE LATE MODEL

## Transponder & RaceCeiver Required

No other radios or communication equipment or mirrors allowed at any time.

### ENGINE SETBACK:

- A. Engine setback will be 6" inches from center of top ball joint to the most forward spark plug.
- B. 1 inch tolerance on engine setback.

### FUME:

- A. All frames must be of steel construction.
- B. Square or rectangular frame must have a minimum of 2" by 2" material, .083-wall thickness. C. If round tube frame, tubing must have a minimum of 1-3/4" outside diameter, .083 wall thickness.

### WHEEL BASE:

- A. Wheelbase a minimum of 103" inches, maximum 105" inches at any time. .

### SUSPENSION , SHOCKS & SPRINGS

- A. Same as Super Late Model see Super Late Model rules.

### ROLL CAGE:

- A. All cars must have a suitable steel roll cage protecting the driver's compartment, including headrest.
- B. Side roll bars are mandatory, and must extend into the door panels. A minimum of three (3) bars must be used on the left side.
- C. Each bar must be at least 1-<sup>1</sup>/<sub>2</sub>" in diameter, with a minimum material thickness of .083".
- D. Roll cages must be welded to frame.

### BODY:

- A. Same as Super Late Model specs. (SEE DRAWINGS)
- B. Spoilers may have a maximum size of 8" height with 8<sup>1</sup>' sides, by 72" width.
- C. Note: Gurney Flaps or Curls are allowed along the upper edge of the spoiler, but their length will be included in all measurements, Spoilers will be measured according to total length of and width of material, in any shape.

- D. RaceCeiver Required, No other radios or communication equipment or mirrors allowed at any time.

#### **DRIVER COMPARTMENT / SAFETY:**

- A. A full metal firewall must encompass the driver's compartment - front, rear, sides and floorboard.
- B. Driver's seat must be of a proper racing seat design, located on left side of car and securely attached to frame.
- C. A full racing seat belt harness must be used, harness must be secured to frame, not seat.
- D. All cars must have a quick release type steering wheel.
- E. All cars must have a working starter, operated from inside car.
- F. Battery must not be located in driver's compartment.
- G. We strongly recommend that all cars have an approved fire extinguisher system, securely mounted, within easy reach of the driver. A 5 lb. Halon System is recommended.
- H. All drivers must wear full fire resistant uniforms.
- I. No electronic or computer controlled devices or data acquisition systems allowed.
- J. No Bluetooth or wireless driven devices allowed.

#### **SAFETY:**

- A. All cars must have 3" inch seat belts with shoulder harness and must be attached to roll cage.
- B. We strongly recommend that all cars have an approved fire extinguisher securely mounted, within easy reach of the driver. A 5 lb. Halon System is recommended.
- C. All drivers must wear a complete fire suit.

#### **NUMBER:**

- A. Number must be at least 18" inches high and on both sides and top of car.
- B. All cars must have a number.

#### **APPROVED SEALED CRATE ENGINES:**

- A. 602 GM part number 19258602 is approved for use in competition.
- B. 604 GM part number 19318604 is approved for use in competition.
- C. Ford part number M-6007-D347SR is approved for use in competition.
- D. Ford M-6007-D347SR must limit RPM to 7100 or less, must use a 7100 or less module (Chip).
- E. Other manufactures, sealed crate engines with the same or close to the same horse power rating such as Dodge may be allowed as soon as they are available and have been approved for competition by Dixie & Rome Speedway officials.
- F. GM Engines may be purchased at any GM dealer.



- G. Ford Engines may be purchased at any Ford dealer.
- H. The sealed engines must remain intact and not be tampered with; any seals that have been removed or tampered with will make the engine illegal and not eligible for competition at Dixie or Rome Speedway.
- I. No changes are allowed to the engine (intake manifold, heads, valve covers, oil pan, harmonic balancer or any other part /or on/or in the engine. Crate Engines must not be altered, modified or changed from factory specs.
- J. No vacuum pumps or evac system of any type.
- K. All crate engines must be sealed with factory bolts seals or seals from some other series. We will allow other series seals if we can verify the seal system of the other series. No R/M bolts.

#### CRANKING COMPERSSION:

- A. All crate engines will have a maximum cranking pressure of 200 p.s.i. any engine that has over 200 p.s.i. will be illegal to use at Dixie & Rome.

#### WATER PUMP:

- A. Cast or aluminum permitted.
- B. No electric water pump.

#### FUEL PUMP:

- A. Mechanical pump only, No electric pump.

#### DISTRIBUTOR:

- A. Any electronic distributor type ignition system. No crank trigger, distributorless multi - coil, or magneto ignition systems.
- B. There is a \$400.00 claim rule on each ignition box this includes all brands. (See Claim Rule Section for more info.)

#### CARBURETOR:

- A. One four-barrel carburetor only of any manufacture.
- B. Engine must be naturally aspirated. C. May use one carburetor spacer  
(602 may use a 2 inch total thickness + .040 tolerance)  
(604 may use a 1 inch total thickness + .040 tolerance)

(D347SR may use a 1 inch total thickness + .040 tolerance)

(No part of spacer may enter intake plenum) and two standard one-piece paper gaskets (maximum 0.070 inch thick), one gasket between intake to spacer and one gasket between spacer to carburetor.

### STARTER:

A. All cars must have starter in working order.

### EXHAUST/MUFFLERS: MUFFLERS REQUIRED AT DIXIE AND ROME

A. Any commercially manufactured muffler that registers under 100 decibels. B. No modifications and/or alterations to mufflers will be allowed.

C. Collector type headers required.

D. All cars must register under 100 decibels. E. No deliberate air leaks, vents, holes, etc.

F. Any car that loses a muffler will automatically be disqualified.

G. Any car that is judged to be too loud, by the track Officials, under race conditions, will be blackflagged.

### BRAKES:

A. Four-wheel disc brakes permitted.

B. No carbon fiber brake parts permitted.

### FUEL CELL / FUEL:

A. An approved fuel cell (32 gallon maximum) must be securely mounted in the frunk area of the car, inside a .20 gauge metal box supported by a minimum of 2" inch by 1/8" inch steel straps.

B. All fuel cells must be completely visible from rear of car.

C. Fuel cell must not be mounted lower than bottom of quick-change rear end.

D. Pump gas or racing gas only. Pump gas may contain up to 10% ethanol as allowed by law.

E. E85 Fuel is allowed, Fuel must water test and check within 2% at any time checked, (ETHANOL- MAX 87% - MIN 83% )

F. No alcohol, No methanol, nitrous oxide, or chemical additives including but not limited to Propylene Oxide, Nitro Methane, Nitro Propane or any Nitrate additives.

G. Gas must pass acid test.

### TRANSMISSION:

A. Must have at least one forward and one reverse gear in working order.

- B. Automatic transmission permitted. Must have torque converter or manual fluid by-pass valve system.
- C. No straight drives or in and out boxes.

#### WHEELS:

- A. Any brand or type of wheel allowed must be mounted with lug nuts.
- B. No knock-off or center-lock wheels.
- C. Maximum wheel width - 14" inches.

#### TIRES

- A. Dixie & Rome speedway tire rule for Crate Late Model Hoosier 21 / 22 / 1350 / 1600 / 2/3/4 compound.
- B. Grooving, sipping and buffing tires permitted.
- C. All tires must have all numbers, codes and name on the tire. No grinding off of numbers, codes or names, any tire that has been altered will be illegal.
- D. No tire softeners, no conditioners, no altering of tires with any natural or unnatural, hazardous or nonhazardous components or chemicals which alter the factory set baseline-settings of a given tire. ALL competitors are subject to tire inspections.
- E. Tires available on race night or call in advance to arrange pick up.  
Chase Swims @ 678-923-9691 Track @ 770-926-5315

#### WEIGHT

- F. GM Crate engine 602 — 2200 lbs B. GM Crate engine 304 — 2300 lbs
- C. One pound per lap weight allowance after race.
- D. Trace reserves the right to adjust weights in interest of competition should it deem necessary.
- E. Attached weight must be securely bolted to frame with 1/2" or larger bolts and painted white or silver with car number clearly painted on them.
- F. All cars must have specified weight posted on top right side of roof.

#### REPAIR & REBUILD PROGRAM

All repairs and rebuilds must be done by an Authorized Repair/ Rebuild Centers. The engine will be repaired or rebuilt and sealed according to the engine manufactures guidelines provided by the manufacture of the engine.

## CRATE LATE MODEL PROTEST FEES

Any crate engine protested must be reassembled and resealed by one of the Authorized Repair/ Rebuild Centers.

\$400.00	One Head
\$300.00	Oil Pan
\$125.00	Tire ( per tire )
\$100.00	Engine Setback (1 inch tolerance)
\$125.00	Gas
\$100.00	Wheel ( Tire must be removed )
\$100.00	Mufflers

Any item not listed in protest fees is considered a visual protest item and must be protested before race and not after.

Disqualification of race, \$0.00 in prize money won during the race and a \$300.00 fine if the disqualification is motor related. The \$300.00 fine must be paid before you can return to competition at Dixie or Rome.



TRACK RESERVES THE RIGHT TO DELETE, CHANGE, OR  
AMEND

RULES IN THE INTEREST OF COMPETITION.

2023 DIXIE SPEEDWAY ALL RIGHTS RESERVED