

2017 EAST LINCOLN SPEEDWAY

LIGHTNING LATE MODEL RULES

BODY:

1. Weight -

Any motor, 2350 pounds after race

2. All dimensions-see diagram .

CHASSIS AND SUSPENSION:

1. Engine setback- 6" maximum, measured #1 spark plug to top center ball joint.
2. Rear of car may be open.
3. 76" maximum width on body. 1" tolerance.
4. 101" minimum wheel base.
5. 8" rear spoiler, 45" max. height from ground NO TOLERANCE.
6. No part of body may extend beyond the plane established by the 76" width.
7. Rear bumper may not extend over ½ width of rear tire on each side. Ends must be capped and should be angled so as to not be a puncture danger in the event of a wreck. May be curved inside rear quarter panels at 90 degree angle.
8. Front push bars allowed, may not exceed width of front chassis rail.
9. Suspension- OPEN- ANY TYPE, see shock rules. No stacker springs allowed.
10. Front and rear wrecker pick ups are MANDATORY
11. No part of frame may be aluminum or titanium.
12. J bars only allowed
13. No hydraulic or remotely adjustable 4 link bars allowed
14. Chassis to be tube type only. No factory "clips."

SHOCKS:

Pro Shock WB74 or WB75 on front

Pro Shock WB94 or WB95 on rear

Pro Shock WB74 only for 5th

Shock claim rule is \$100 per shock

No bump stops permitted

Only one shock per wheel and no phony shocks

Shocks will have factory applied tracking numbers applied

ENGINE #1

1. Cubic inch- 365 cubic inch max. NO TOLERANCE.
2. Block- ANY CAST IRON.
3. Crankshaft- 48 lbs. minimum
4. Rods- Any Steel
5. Pistons- Any Flat top only
6. Camshaft- Any add 100 lbs. for roller type over flat tappet cam
7. Heads- Cast iron (230 runner maximum) or Chevy 604 aluminum heads. Port and Polish OK.
8. Valves- stainless steel only, no titanium
9. Lube Systems- wet sump only
10. Intake- ANY
11. Exhaust System- ANY
12. Engine protest will be accepted on block, crank, cams, pistons, cubic inch, carb, and valves.

ENGINE #2:

GM 602 Crate Motor stock per GM manual.

ENGINE #3:

FORD M-6007-Z363 STOCK CRATE MOTOR

FUEL SYSTEM:

1. Fuel- gasoline ONLY. No performance additives allowed.
2. Carburetor- Box stock Holley 4777C. Choke flap may be removed. No 4 corner idle. Will be checked regularly and have a \$500 claim rule. Jet changes allowed.
3. Fuel Pump- any mechanical, NO ELECTRIC.
4. Fuel cells MANDATORY (mounted in metal cans)

IGNITION SYSTEM:

Any type may be used. No traction control allowed.

DRIVE LINE:

1. Clutch assembly- ANY
2. Flywheel- ANY must have scatter shield
3. Transmission- ANY, must have working reverse.

4. Drive shaft- ANY must have hangers
5. Rear End- ANY
6. Must have operational 4 wheel braking system. Proportioning and RF brake shut off valve permitted.

TIRES AND WHEELS:

Hoosier Spec 1350, 1600, RR option: Hoosier Spec 1350, American Racer PRO-2 or American Racer Spec 48. Tires must punch 48 or better when hot.

Grooving and siping are not allowed. Tires must match the benchmark sample at the independent laboratory. No tire enhancers allowed. Steel or aluminum wheels only. No carbon fiber or titanium.

SAFETY MANDATORY :

1. Roll cage- MANDATORY-Must have minimum of three (3) bars in drivers door. No aluminum or titanium cages permitted.
2. Window net- MANDATORY
3. Fuel cell- MANDATORY (mounted in metal can)
4. Seat belts-Five (5) point system- MANDATORY
5. Wind shield screen- MANDATORY
6. Fire extinguisher- with gauge, mounted in a quick release harness in reach of driver-MANDATORY
7. Battery-Must be mounted outside of drivers compartment or in enclosed bolted down metal box.
8. Fuel lines-must be under car or in tubing.

Please see 'Safety Rules' for more information