

# **Limited Late Model Rules**

#### Updated 4/6/2022

### **BODY**

- All vehicles must have tops unless approved by the track
- Only time to run topless is designated by the track.
- All Lucas body rules apply.
- Standard Dirt Style body required with a stock looking nose.
- Rear Deck height maximum 39 inches, (no tolerance)
- Spoilers: maximum 8" height and 72" width.
- No ore than 3 spoiler supports may be used.
- Wheel base 103" minimum

#### WEIGHT

- 2400 lbs standard runner heads (aluminum) \*Aluminum head must have 50lbs in front of the radiator for a total of 2400lbs.
- 2400lbs CT 525 crate: CT 525 MUST have 50lbs in front of radiator.
- 2350lbs all steel motor 365 cubic inch
- Track reserves the right to adjust eights in interest of competition should it deem necessary ALL weights are after the race.

#### **ENGINE**

- Steel/Aluminum head
- All engines must have steel block.
- 365 maximum cubic inches.
- No aluminum raised runner heads.
- No super spec Brodix head aluminum.
- No spread port steel or aluminum heads.
- No Mullin's aluminum outlaw heads.
- Steel/aluminum head standard runner
- Steel raised runner head not allowed.
- Any cam, lifters, or piston.
- Only aluminum heads allowed will be Brodix Spec/Track 1.
- No titanium or aluminum rods.
- Any bore and stroke combination 365 cubic inches.
- All heads can be ported.
- All engines must be naturally aspirated.
- Any oil system.
- Any rocker arms.
- All Chevy heads must be 23 degree-based (angle milled allowed),
- Ford heads must be 20 degree-based steel head (angel milled allowed).
- Ford Motor Sports N head allowed



- Ford crate 2350lbs, must be as come from Ford.
- All crate engines can be bored no more than .0030
- Intake: Any single four-barrel intake permitted (may port and polish)
- Maximum engine set back no more than 6" from center of top ball joint to number 1 spark plug
- No spread port exhaust heads.

#### ENGINE - CT525

- 2400lbs after race.
- 50 lbs in front of radiator.
- CT525 fuel sealed engine ALLOWED

#### **CARBURETOR**

- Any 4150 based carburetor.
- No injection.
- Carburetor spacer maximum of 2 inches (any material).

#### **FUEL**

- Racing gasoline and E-85 and alcohol.
- No nitrous oxide, or other fuel additives.
- Fuel Cell: All fuel cells must be mounted inside a 20-gauge metal box, supported by (2) 1/8 x 2" steel straps, mounted inside the protective structure of the vehicle.
- All fuel cells must have flap in top with a ball valve to keep fuel from running out if car is upside down.
- Fuel cell must have the pick-up line coming from the top half of the cell.

#### **TRANSMISSION**

- Drive train must have transmission mounted on rear of engine.
- No direct drive or in-boxes.
- Any transmission, with working forward and reverse gears permitted, and must lead to one drive shaft.
- All drive shafts must be painted white or silver, and must be protected by a minimum of one safety hoop or a sling. (carbon fiber shafts are recommended).

## **DRIVE SHAFT**

• Drive shaft must be a minimum of 2" in diameter.

#### **REAR END**

- Any type of quick-change rear end, no exotic materials allowed.
- Any steel or aluminum tube permitted. No lead may be bolted to the rear end.
- No spring rods.



#### **SHOCKS**

- No Bluetooth or computerized components.
- Standard late model shock, limit one per wheel except left rear may have one in front and one in back.
- No shocks may be adjustable from cockpit area
- No shock arms on the rear.

#### WHEELS

- Any aluminum wheel that is mounted by lug nuts, NO carbon fiber.
- Maximum wheel width 14"

#### TIRES

- Front tires open.
- Rear tires 1350 and up.
- Shoulder plated 1600 Hoosier
- American Racer 56, Crate 55, or LM 40.
- All tires must stick no less than 50 after qualifying.
- All numbers and names must remain on tire (no grinding off numbers and names).
- Tire samples may be taken at any time from any car. (If taken, prize money will be held pending results) If caught with chemicals in tires loss of pay for race and eligibility for points money.

# PERSONAL SAFETY EQUIPMENT / SEAT BELTS

- Car should be equipped with SFI 16.5 or SFI 16.1 approved seat belt restraint system until date of belt expiration.
- Seat belt restraint system shall be installed in accordance with the directions of system supplier or manufacturer.
- It is the responsibility of the drive to ensure his/her seat belt restraint system and all components are SFI approved and correctly installed, and maintained.

#### SEATS

- High-back full containment seat should be securely mounted to frame as recommended by manufacturer.
- Suitable FIA manufacturer approved full containment seats are permitted.
- Cars must have a full-containment racing seat utilizing a left and right halo protecting drivers side-to-side, head and shoulder movement (25 pound weight penalty for cars competing without full containment seats).

# SAFETY APPAREL

- Driver must wear fire resistant uniform meeting SFI 3.2A/5 specs and display valid SFI 3.2/5 label.
- Each driver should wear fire resistant accessories that effectively cover the remaining parts of the body.
- Shoes should meet the FSI 3.3 specifications and display valid SFI 3.2/5 label.



#### **HELMETS**

- Driver must wear full face helmet with at least a valid SA 2010 or SA 20154 standard Snell and/or valid SFI 31.1 or 31.2 2010 label at all times on the track when competing.
- Driver should wear a helmet in accordance with the directions provided by the helmet manufacturer and /or supplier.
- Head and neck restraints are strongly recommended and should conform to manufacturers mounting instructions.

#### STRONGLY RECOMMENDED ITEMS

- A marked electrical kill switch and a marked fuel shut off valve in reach of driver.
- An easily accessible fire extinguisher of at least 2.5 gal FFF or equivalent.

# ANY DRIVER WHO GETS OUT OF THEIR CAR ON THE RACING SURFACE WILL BE DISQUALIFIED FROM THE EVENT, AND WILL NOT BE AWARDED PRIZE MONEY OR POINTS. NO EXCEPTIONS.

#### PROTEST RULES

- \$500 to pull one head, check bore and stroke/cubic inch (tech man receives \$100, winner of protest receives \$400)
- \$150 to check rods (tech man receives \$50, winner of protest receives \$100)
- \$100 to check cam (tech man receives \$25, winner of protest receives \$75)
- \$75 to check weights post-race (tech man receives \$25, winner of protest receives \$50)
- \$120 to protest a tire.

# **P&G** Rules

• CT525 must P&G no bigger than 380 CID and no less than 370 CID.