



## 2019 SUPER LATE MODEL DIVISION

*Last Revised 2019-03-13*

Please read the Laird International Raceway General Rules in addition to these Divisional Rules.

All rules are subject to the discretion of the tech official(s) and track management.

**IF IT DOESN'T SAY YOU CAN, YOU CAN'T!**

### **GENERAL (A)**

1. Any factory production model, from 1965 to date
2. No radio equipment allowed in the cars
3. Any rule infraction will subject the Driver to the loss of winnings (points and money). If it is not in the rules consider it illegal.
4. Safety bell housing required with manual transmissions with a large clutch
5. The Base Weight & Left Side Weight will be measured with the Driver in the car, all other measurements to the Body, Chassis or Engine will be taken without the Driver
6. Track Officials have the right to inspect any part of any vehicle to determine compliance with the Rules
7. Carbon fibre parts are Not Allowed anywhere on the car
8. All pit areas must have an ABC Fire Extinguisher visible to track officials.
9. Wrecker attachment points front & rear mandatory
10. Mirrors are not allowed

## **BODY (B)**

1. Stock appearing nose only
2. Flat hood only.
3. Fibreglass or aluminium body parts are allowed
4. Full front Lexan windshield and rear windshields are mandatory braces and clips are recommended
5. Rubrails are allowed but must be made of Lexan only.
6. Windshield angle minimum of 22 degrees
7. Side window opening must be a minimum of 13" x 22"
8. A steel firewall is mandatory between the trunk compartment and the driver
9. A steel firewall is mandatory between the engine compartment and the driver
10. Pressure relief area at the rear of the car must extend 12" down from the edge of the deck lid and must be sealed at the top and sides. Dark cars must have bright coloured pressure relief area
11. The floor pan under the driver compartment must be 1/8" steel plate
12. No side skirts ground effects or hood scoops or holes of any kind over engine compartment
13. Maximum spoiler height is 43" from the ground, 8" from the rear deck measured with the angle
14. Spoiler to be no wider than the widest part of the rear deck to a maximum of 72" gussets and lips across the top are allowed side laterals maximum 18" in length all made with a clear material (measured across the bottom)
15. Rear deck no wider than the widest part of the spoiler to a maximum of 72" and no longer than 30" and a maximum height of 38"
16. Rear overhang beyond the centre of the wheel maximum of 50"
17. Front overhang beyond the centre of the wheel maximum of 45"
18. Rear bumper height be a maximum of 18"; must be rounded, no sharp edges or corners; and be no wider than the body
19. Roof height minimum of 45" measured 15" back from windshield in the middle

20. Roof width minimum of 46", minimum length of 40" to a maximum of 52", no radical offsets allowed

21. Driver must have a clear view a full 180 degrees from their sitting position forward

22. Body Damage from a previous night must be repaired by the next race.

23. Rub Rails may be constructed of only Lexan; and must have smooth transitions front and back.

24. 3-1/2" nose cone to ground clearance measured from front wheel to front wheel

25. Front and rear bumper made of maximum 1.5", .090" tubing only. Ends must be capped.

### **BRAKES (C)**

1. Four wheel functioning brakes are mandatory, dual master cylinder allowed (no carbon fibre brake pads or rotors)

2. No electronic traction control devices including anti-lock brakes

### **CHASSIS (D)**

1. Wheelbase minimum 102"

2. Track width maximum of 81" (outside to outside)

3. Main frame rail must be a minimum of 8" in circumference

4. Frame rail from a-frame forward and from rear-end back 2"x2"

5. Driveshaft hoop is mandatory; drive shaft must be painted white

6. Kill switch must be marked

7. Transmission and rear end plugs must be wired

8. Offset chassis allowed

9. Rack and pinion steering

10. Wide five or ASA hubs

11. Aftermarket spindles
12. Full floaters or quick-change rear-end
13. Under slung rear-end
14. Aftermarket front snub

#### **ENGINE (E)**

1. Cast iron blocks only
2. Two or four barrel carburetors permitted.
3. No electric fuel pumps, turbochargers, nitrous oxide, antifreeze or alcohol
4. Minimum crankshaft height of 10"
5. Engine setback of 4". Stock clip car may have 5" set back
6. Must be self-starting and have a reverse gear
7. Radiator overflow catch can is mandatory on the right side c/w outlet tubing to the base of the windshield
8. Ignition Box must be located in a way that it is out of the reach of the driver when sitting in the driver seat, with the Rev Limiting Chip facing to the right side of the car (away from the driver) All boxes will have a common four wire trailer type plug with a minimum six inch tail and may be exchanged by tech officials at anytime

#### **EXHAUST (F)**

1. Exhaust: headers are allowed; mufflers are mandatory, maximum 3½" pipe to the muffler, the exit must be on the right side behind the driver compartment under the floor or out the door, no louder than 100db @ 100'

#### **SAFETY (G)**

1. Fire Retardant Drivers Suits are mandatory; glove and shoes are strongly advised
2. Helmet is mandatory and must be at least Snell 2005 and must be in good repair
3. Window nets are mandatory
4. Driver seat must be an aluminum race type, approved, mounted properly, with 5-point harness 3" wide, 2 over the shoulder and crotch strap (must be date coded within past 5 years) mount is subject to approval

5. Headrest must be located behind driver's head mid helmet
6. Roll bars near the driver's helmet must be well padded and with the driver seated normally in place, helmet must clear all bars by minimum of 3"
7. Driver's cage and door protection require at least .090-inch wall, 1.5 inch OD tubing or better, gusseted with completed high penetration welds throughout NO REDUCTION!
8. Triangular brace in front of the lower left front roll bar post to protect the driver's feet.
9. Side protection plate from the rear panel to front firewall is mandatory, minimum 10" in height and 1/8" thick steel plate welded in place
10. Approved Fuel Cell mandatory, lowest point minimum of 8"
11. Fire extinguishers are mandatory with easy access and identification for the safety crews
12. On board fire extinguisher systems with Halon 1301 are strongly recommended

#### **TIRES & RIMS (H)**

1. American Racer EC21 track spec tire purchased from LIR
2. The track may request any tire, from any driver, at any time for impound. It is mandatory that any impounded tires be put back on the car or replaced with a new tire purchased at the track.
3. Rim width maximum of 10" (steel only)
4. Lug Nuts must be 1"
5. Soaking, softening or altering the tire is prohibited. Any tires suspected of being altered will result in DQ.

#### **WEIGHT (I)**

1. Minimum weight is 2700 lbs., post-race with driver in car, in race trim.
2. Left Side Weight maximum of 60%.
3. Added Weight is permitted; each piece must be painted white and numbered the same as the car

4. Weight must be securely fastened using a minimum two - ½" bolts.
5. Any Weight added to the car behind the rear axle gear carrier must be a minimum of 8" ground clearance
6. Any other Weight added must not extend below the main frame rails
7. A weight penalty may be added to any car that does not meet all requirements (Minimum of 50 lbs./ infraction) at discretion of officials