

# LIMITED LATE MODEL RULES 2024

## IF THESE RULES DON'T SAY "YOU CAN" THEN YOU CAN'T

### 1. **Mandatory driver's equipment:**

- A. Helmet (SNELL approved 2015 – 2020).
- B. Aluminum racing seat with head rest.
- C. 5-point safety belt.
- D. Fire suit of flame retardant material.
- E. Fire resistant gloves.
- F. Fire resistant shoes.
- G. Fire extinguisher required mounted in approved bracket for that extinguisher.
- H. Neck brace or head and neck restraint system required.
- I. Raceciever mandatory – (use default freq. 454.0000).must be operational all event.
- J. Window nets mandatory / arm restraints optional.

### 2. **Fuel Cell:**

- A. Racing fuel cell – required. Must be mounted by two steel strap 2”Wide x 1/8”Thick around the cell. One inch square tubing or pipe must be used frame rail to frame rail for mounting the cell.
- B. Fuel cells can be no lower than the rear axle housing and must be enclosed in a metal container.
- C. Fuel must be pump type gasoline. Racing fuel is allowed. The following NOT allowed: Alcohol / NOS (Nitrous Oxide) / Fuel scenting additives.
- D. NO plastic fuel lines allowed.

### 3. **Body:**

- A. 2024 IMCA Late Model dimensions – MUST look similar.
- B. ALL hoods and deck lids must use hood pins - NO bolts allowed

### 4. **Chassis:**

- A. Roll Cage – USRA Limited Modified 2023 Rules Article 2 (see Figure 1). In addition - Door Plating must cover from front post to rear post / top door bar to frame. Must be .049 or 18 ga metal plate.
- B. Frame – USRA Limited Modified 2023 Rules Article 3 (see Figure 2).
- C. Bumpers are to be constructed of tubing no bigger than 2” round or square x .095 and must stay within the confines of the body and can be attached back to the main frame.

D. Must have operational front and rear lifting connection made of steel. TRACK IS NOT responsible for any damage to nose piece.

**5. Suspension:**

A. 2023 USRA Limited Modified Rules with the following exception:

- Rear End can be GM, Ford 9" stock or floater, Quick change (must have steel axle tubes and steel axles. NO gun-drilled axles). Must have 1" inspection plug. Full steel spools, steel mini spools, welded rear ends are allowed.
- NO Ratcheting or locker rear ends.
- Lower trailing arm brackets may be NO lower than seven and one-half inches from the bottom of the axles tubes to center of bolt. Five (5) individual mounting holes for adjustment on the lower trailing arm bracket are permitted.
- Front suspension components must be GM to GM. 3-piece spindles are allowed.

B. Driveshaft must be steel, painted white, and car number on it. Yokes must be steel and NO Aluminum driveshafts. Must be minimum of 2" diameter.

C. Chain tethers are permitted on the front and rear suspension. Chain must mounted to the lower A-frame to the frame or cage on the front end and on the axle tube to the frame or cage on the rear end. Chain must be mounted vertical and solid. Must remain loose @ ride height. No rubber biscuits allowed.

**6. Engine:**

A. 2023 USRA Limited Modified Rules only allowed

- **604 CRATE Engine Option: Must Be IMCA Sealed.**

**Methanol Fuel – allowed with Crate engine ONLY. REV Limit 6400.**

B. Carburetor adapter/spacer CANNOT exceed 1" tall.

C. Starter – stock type or mini starter are allowed, must be in working order. NO reverse mount starters.

D. Steel flywheels – mandatory.

E. Exhaust: Headers are allowed.

Muffler are optional. If installed must be unaltered and bolted or welded to the car. Part numbers: SCH63030 / 63535 - IMCA 609.930.935 / 42530 /43035.

F. Any 4 barrel carburetor allowed.

## 7. **Transmission:**

- A. Cast Iron 3 speed / Bert / Brinn / Falcon are allowed.
- B. Automatic is allowed.
- C. ALL 4 speed transmissions allowed. NO ALUMINUM transmission.
- D. Must have operational forward and reverse gear (NO lighten gears).
- E. Clutch – mini clutch is allowed but run stock diameter flywheel.

## 8. **Wheels:**

- A. Max width = 10” steel wheel.
- B. Bead locks allowed on right front and right rear only.
- C. Mud plugs on right rear and right front only

## 9. **Tires:**

- A. KK704 / G60 / Hoosier 500 / Hoosier scuffs are allowed.
  - Grooving is allowed.
  - NO treating or softening of tires.
  - ALL tires must durometer 45+ after the main event.

## 10. **Weight:**

- A. Minimum overall weight is 2475 lbs. at the end of the race.
- B. All weights must be secure by a minimum of two 1/2” bolts directly to the frame or the roll cage with use of bolt on mounts.
- C. NO weight is to be mounted in the driver’s compartment.

## 11. **Brakes:**

- A. Calipers and rotors must be standard size ( OEM dimensions ) and weight. Must be steel.
- B. NO - lightening of any brake components to include: NO scalloped , drilled, and/or slotted components.

- C. Proportioning valve and right front brake shut off valves are allowed but must be out of the driver's reach and must be adjusted prior to on track competition.
- D. NO floater brakes allowed.
- E. Brake lines must be visible.
- F. Rotors can be drilled for larger studs.

**12. Electrical:**

- A. All electrical must be secured. It must also must be protected when passing through any part of the body structure.
- B. Battery – can only have 1 battery and both positive and negative terminals must be covered.

**NOTE TO ALL PARTICIPANTS:**

All cars will be safety inspected by track tech officials at the beginning of the 2024 race season. Keep in mind that this is a SAFETY inspection, this does not mean that the TECH officials say that your car is 100% legal. Make sure that if you have any questions regarding these rules please see a TECH official to get clarification. Ignorance is not an excuse.