

# 2014 Loring Timing Association

## Supercar Requirements

The Loring Timing Association has developed this Supercar Class in order to meet the demand for a safe environment for motorsports fans to experience Land Speed Racing. With that said, always remember that **SAFETY** is our main concern. The Loring Timing Association reserves the right to alter these rules to accommodate changing conditions or findings as the event progresses.

**These requirements serve as an addendum to the full requirements and rules outlined in the Loring Timing Association Rules and Records. All competitors shall read the preface and section 1 at a minimum to familiarize themselves the requirements and procedures of the LTA.**

**Be Advised: Any incident arising from vehicle racing is generally not covered by vehicle insurance. This can include collision, property, and liability. We strongly recommend that participants check with their carrier or agent for advice.**

### **Class Rules:**

1. Only vehicles specifically authorized by the Technical Staff are allowed to participate (please consult the database or the Race Director for authorization).
2. This class participates in timing at the length of 1 mile with no exceptions or special dispensations. **Failure to begin deceleration after 1 mile will be grounds for immediate dismissal of the team and potentially the entire supercar class from the event.**
3. Vehicles speed is strictly limited to 175 mph. **Failure to comply with this limit will be grounds for immediate dismissal of the team and potentially the entire supercar class from the event.**
4. All drivers must complete orientation, drivers meeting, and supercar class meeting before competing.
5. All drivers must complete successive passes at 125 and 150mph to demonstrate control of the vehicle before progressing to 175mph runs.

### **Section 1 - Vehicle Rules:**

- 1.1 The class is limited production supercars like late model Corvette, Cadillac CTSV, Nissan GTR, Ferraris, Porsches as examples.
- 1.2 All vehicles must be in factory stock condition with the exception of ECU or "Stage 1" modifications.
- 1.3 All vehicles must have been engineered and outfitted from the factory to be capable of their maximum speed attempted or 175 mph.
- 1.4 Modifications to increase the maximum speed of the vehicle to 175mph are not allowed.
- 1.5 The following items shall be retained in stock location and of the same year as the body: frame, fenders, hood, grille, drip rails (must not be filled), windows, door handles, window trim, headlights (high and low beam), tail lights, radiator, front and rear bumpers and horn. Decals are not acceptable as meeting the head and tail light requirements. The stock gas tank must be fitted but need not be used.

**The following modifications are not allowed:**

- 1.6 Engine internal or external modifications.
- 1.7 Air Ducts (Section 4.A), Air Vents (Section 4.C), or headlight air intakes.

- 1.8 The addition or modification of equipment such as blowers, nitrous, supercharges, turbo charges, waste gates, alcohol injection.
- 1.9 Streamlining (Section 4.CC and subsections).

**The following modifications are allowed:**

- 1.10 Exhaust system may be modified from stock.
- 1.11 "Stage 1" upgrades to injectors and ECU.
- 1.12 Air dams and air spoilers identical to factory optional equipment for the body in question may be added.
- 1.13 Minor chrome trim and emblems may be removed.

## **SECTION 2 - REQUIRED SAFETY EQUIPMENT:**

### **2.1 FIRE EXTINGUISHER:**

- A: As a minimum, handheld 2 lb. automotive BC fire extinguisher.
- B: Securely mounted within easy reach of the driver. (No zip ties or hose clamps.)
- C: Quick release mounting system of metallic construction.

### **2.2 HELMET:**

- A: Proper fitting full face helmet that meets SNELL Foundation SA 2005 or 2010.  
Approval sticker present in the helmet liner.
- B: All helmets must be in sound condition, including shell, liner, and strap.
- C: All helmets must be approved by the tech inspector.

### **2.3 EYE PROTECTION:**

- Shatterproof eyeglasses are required if helmet does not have eye protection shield.

### **2.4 A padded neck collar is required and a helmet restraint (HANS) system is highly recommended.**

### **2.5 Open cockpit vehicles require arm restraints.**

### **2.6 SEATS:**

- A: OEM seats are required with the exception of upgrade to a metallic racing seat.
- B: Plastic or other synthetic non-OEM seats are not allowed.

#### **BELTS:**

- A: Correctly installed factory OEM or better 3-point seat belts as a minimum. (It is recommended that 5 point belts mounted per the manufacturer's instruction be installed in conjunction with a racing seat.)
- B: Belts must be in "as new" condition.
- C: Racing harness are permitted if in acceptable condition and properly mounted.  
Proof of proper installation is the driver's responsibility.
- D: Aftermarket DOT-certified belt sets, installed to the manufacturer's specifications may be allowed. Proof of proper fitment is the responsibility of the participant.

### **2.7 CLOTHING:**

- A: Fire Retardant Jump suit supplied by the Loring Timing Association over non-synthetic fabric clothing (cotton, wool, leather etc.) completely covering arms, torso, and legs.
- B: Leather tennis shoes with no holes as a minimum. Laced boots are preferred. (No cowboy boots.)
- C: SFI approved driving gloves and head sock are required.

D: SFI 3.2A/1 (or better) Driver's suit and SFI 3.3 accessories (shoes, underwear) are highly recommended but not required.

## **2.8 ROLL BAR/CAGE:**

- A: A 4-point Roll Bar or Better for all vehicles is recommended but not required.
- B: Convertibles shall be equipped with a 6 point or better roll cage and arm tethers.
- C: Convertibles shall run with the top in the up position.

## **2.9 TIRES:**

- A: DOT-approved tires in good condition are required.
- B: Tire speed rating must exceed the speed that the car is attempting to achieve.
- C: All tires must meet or exceed (recommended) OEM load and speed rating.
- D: DOT spec. drag radials are approved for speeds less than 175mph.
- E: Drag racing "skinnies" are NOT approved.

## **2.10 VEHICLE OPERATING CONDITION:**

- A: All vehicles must have all 4 tires, rims, and brakes inspected (removal may be necessary).
- B: All vehicles must remove all antifreeze from the cooling system (antifreeze is flammable).
- C: Vehicles must be in complete, running, and fully functioning condition acceptable for racing.
- D: No leaks from the vehicle are allowed.
- E: All loose items within the vehicle, glove box, and console must be removed.
- F: All floor mats must be removed.
- G: Fire extinguishers must be securely mounted per 2.1.
- H: Fresh brake fluid is recommended.

**The Loring Timing Association will make NO EXCEPTIONS to and WILL NOT tender refunds to participants who fail to meet these technical requirements. Inspector decisions may be protested to the chief technical inspector and/or the race director. Any decision of the race director is final.**

**Notice: Compliance to these Safety Requirements is the sole responsibility of the vehicle owner and/or rider. By signing this and the technical inspection form, each vehicle owner and/or rider expresses that they have read, fully understand, and are in compliance to these Requirements and declares any nonconformity to the same, be it intentional or not, as their sole responsibility.**