

## **Appendix C - Rally X Regulations**

Rally-X's are competitive events where participants compete, one at a time, against the clock and total time taken over the competitive sections of the event determined placing. Rally X events are of a level of competition distinct for stage rallies but also a development event preparing both competitors and organizers for participation in stage rally events.

A NASA Rally Sport competition license is not required for Rally-X.  
NASA membership is not required for Rally-X.

All competitors must be at least 16 years of age to compete in Rally-Xs. Competitors under the age of 18 must have a waiver signed by his/her parent or guardian.

### **1 General Requirements**

1. A Rally X is an event generally held on an unpaved, flat surface, wherein the course generally consists of straight sections and connecting turns of corners. Focus on course design is also placed on the general avoidance of obstacles such as trees, exposures, deep ditches, etc.
2. Competitors are started with sufficient space to prevent encountering other competitors on course.
3. All persons on site must sign the insurance waiver.
4. Organizers reserve the right to exclude any vehicle or person from further participation on the event at any time for reasons of perceived safety concerns involving either the condition of the vehicle or the conduct of the person.

### **2 Eligibility of Competitors and Vehicles**

#### **2.1 Competitors**

The following documents, valid on the day(s) of the event, must be present at registration:

1. A non restricted drivers license for each of the crew listed as driver(s)
2. When the owner of the vehicle is not entered as the driver or passenger, a written authorization from the owner of the vehicle must be provided at registration
3. For any participant under the age of 18 a minor waiver must be signed.
4. Competitors under 18 without a drivers license are permitted provided a guardian with a valid license is in the vehicle with them during competition.

#### **2.2 Passengers**

Passengers are allowed. Passengers must wear a helmet meeting Rally-X requirements.

### **3 Vehicles**

1. Vehicle must be based on a production, closed body and chassis to compete.
2. Side By Side vehicles may compete with approval by the event officials.
3. Rallymoto is not permitted to compete.
4. All loose items in the vehicle must be removed during the event.
5. Snap-on hubcaps, detachable fender skirts and trim rings must be removed.

6. Tires must be in good condition, with no cord or belts showing or cracks in the tread of sidewalls.
7. Mechanical conditions and safety of the vehicle is the sole responsibility of the competitor.
8. Vehicles with a high center of gravity such that rollover risk is high may be denied from competing at the discretion of event organizers.

## **4 Mandatory Equipment**

1. Helmets bearing "Snell Memorial Foundation" M or SA2015 (or more recent) labels must be worn by all drivers. Alternatives allowed in the Stage Rally regulations are also permitted for Rally-X
2. The occupants must wear minimum three-point seat belts (most OEM seat belts meet this requirement).

## **5 Event Organization**

### **5.1 Authorization and Permits**

Proper authority for use of the venue must be obtained and such permission must be available for scrutiny at registration.

### **5.2 Security Measures**

Security measures shall be in place to insure the safety of competitors, officials and spectators (closing of the course, start and finish locations, communications, recovery, etc.)

### **5.3 Course Design**

1. The course shall not exceed 1.5 miles long.
2. The course shall be arranged such that the maximum speed for an average competitor shall not exceed 45 mph.
3. The course shall be designed in such a way as to avoid stationary objects.
4. The course shall be designed in such a way as to minimize the possibility of rollovers.
5. The use of chicanes (consisting of bales of hay, pylons or similar material) on the straights of greater than 250' is recommended.
6. Organizers reserve the right to change the course design at any time during the competition should a portion of the course deteriorate or change in a way that effects safety.
7. Marshals shall be placed such that all competing vehicles will be visible at all times while on the course.
8. A stop box may be used at the end of a run. A time penalty of 10 seconds must be assessed if a vehicle does not stop within the box.
9. When events are scored, each driver will be provided an opportunity to walk or drive through the course, or to have a parade lap, prior to the first run.

### **5.4 Scoring**

A variety of scoring options are possible, total elapsed time, best time of the day, best four of six, and others. Freedom is given to the organizer to choose the system.