

# VEHICLE INSPECTION FORM

Name (car owner or team leader) \_\_\_\_\_

School or Team Name (if applicable) \_\_\_\_\_

Address (This is where awards and race information will be sent) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone Number \_\_\_\_\_ E-Mail Address \_\_\_\_\_

Car Number

State

INSPECTION  
COMPLETED  
(Initialed by Inspector)

## Class:

Standard  Experimental

All classes must meet Electrathon America Rules

## Division:

High School  College  Open

Entry Fees Paid

Liability Form Signed

Electrathon America  
Competitor Membership

## DRIVER INSPECTION:

Driver Name \_\_\_\_\_

Driver's License Number \_\_\_\_\_ State \_\_\_\_\_ Expires \_\_\_\_\_

Long-Sleeve Shirt, long pants, and shoes

Driver weight \_\_\_\_\_ lbs.

Helmet (DOT approved motorcycle style)

Ballast weight \_\_\_\_\_ lbs.

Gloves (not required with full canopy)

Total weight \_\_\_\_\_ lbs. (180 lbs. minimum to compete)

Eye Protection (safety glasses, goggles)

List items used for ballast \_\_\_\_\_

## VEHICLE INSPECTION:

- Vehicle number properly displayed and easily visible (min. 6" high)
- Structure or body shell protects driver from harm
- Bottom pan protects driver from contact with track
- No exposed sharp edges or components
- Axle diameter is 1/2" or 12mm min. unless supported both ends
- Safety wire or cotter pins on all cantilevered axle nuts
- Frame and shell adequately protect driver
- No for loose fittings and fasteners
- All tires are pneumatic (inflated)
- Tire tread is in acceptable condition
- Roll bar or bulkhead can support driver's weight
- Roll bar or bulkhead is braced forward or rearward
- Power kill switch outside the vehicle in a 4" red triangle
- Correct size fuse or circuit breaker between battery and motor
- Wiring is safely installed - terminals tight, insulation good, etc.
- Auto shut-off throttle
- Batteries are securely mounted to the frame and/or body

## VEHICLE INSPECTION WITH DRIVER INSIDE:

- Guards (if necessary to protect driver from moving parts)
- Ballast (if required) mounted securely
- Good visibility and field of vision
- Rear view mirrors, 8 square inches
- Top of roll bar or bulkhead is above driver's helmet
- Inside kill switch is driver accessible
- Brake inspection - car will not roll when pushed
- Steering inspection- appears tight and stable at speed, will turn 25' radius
- Vehicle stability test
- 5-point (minimum) lap and shoulder belt hold driver securely in position
- Vehicle exit test in 20 seconds (includes canopy and seat belts)

System voltage \_\_\_\_\_ V  AGM  Gel Cell Battery quantity \_\_\_\_\_ Battery Weight \_\_\_\_\_ lbs,

Battery Manufacturer \_\_\_\_\_ Brand \_\_\_\_\_ Group Size \_\_\_\_\_