Egg Drop Crash Survivability Contest sponsored by the American Society of Civil Engineers (ASCE) Student Chapter

Rules and specifications:

- Maximum width, depth, and length of vehicle is 5 inches. Note that this is a maximum dimension of the vehicle, and does not include any parachutes, etc.
- Maximum weight of the vehicle, without the egg, may not exceed 5 ounces (141.74 grams).
- Any type of material may be used to construct the vehicle except glass or inflatable foams.
- The egg itself may not be covered with materials, i.e., tape. You must use a plain raw egg.
- Any size raw egg can be used. The contestant must load eggs into the vehicle prior to submitting the entry vehicle.
- DO NOT cover vehicle in reflective or duct tape. This interferes with the laser timing system. If the vehicle is covered with either reflective or duct tape it will be disqualified.
- Please include instructions on how to unload the egg from your vehicle. The instructions must be taped to the vehicle. If the instructions on how to unload the egg are not attached to the vehicle it will also be disqualified.
- No more than one entry per contestant is allowed.
- Each entry shall have a permanently affixed label containing the name(s) of the contestant(s) and the division (Grades K-8 or Grades 9-12).
- Each entry submitted must be accompanied by a completed entry form to ensure the winner receives his or her prize. If the entry form is not entirely completed the contestant may run the risk of not receiving their prize.
- IMPORTANT: Your vehicle must not pose a hazard to bystanders and spectators. (We reserve the right to refuse to drop any vehicle that is judged “unsafe,” i.e., jet engines, explosives, poisonous gases, dangerous compounds, etc.)
- Judging and testing will take place from 11:30am-12:30pm.
- Entries will be entered into either the Grades K-8 or Grades 9-12 division.
- Engineering students will inspect the entry and measure the dimensions of the vehicle. Entries must meet the specifications detailed in the rules above.
- After the vehicle is tested, and if the egg survives the drop, the egg will be removed from the vehicle and the vehicle will be weighed. The egg will be tested to assure it is raw. If the egg does not survive the drop, the entry vehicle will not be eligible for any award and will be disregarded.