

# Cradle of Aviation Egg Drop



## Guidelines and Rules:

Originality and creativity are encouraged!



- Students may work in groups of 2-3 students (preferably 3).
- Weight cannot exceed three pounds.
- Design cannot involve liquids, gasses (except air), peanut butter, gelatin, or glass.
- Egg device cannot exceed one foot in length, width or height including wings.
- The device **must be able to open and close EASILY** as egg will be placed in your container just prior to being dropped.
- A maximum of 30 seconds will be given to place the egg in the device.
- Eggs will be provided by the museum.
- The devices will be dropped from different locations onto the 1<sup>st</sup> floor. There will be one drop area for each age group. The 1-2<sup>nd</sup> grade group will drop one floor while the 3-5 and 6-8 grade groups will drop two floors.
- Winners will be chosen based in this order:
  - The egg must survive the fall
  - The closest to the center (The device will score points depending on how close it is to the target)
- All Participants must report on time for their drop at the appropriate floor (which will be assigned event day). Latecomers will be rescheduled **if there is time**.