

Jambo100 Venturing Egg Drop Rules

The contestants shall design and build a shipping container that will prevent an uncooked chicken egg (Grade A Large) from breaking when dropped from an initial height of 15 meters. At the discretion of the judges, surviving eggs will then be taken higher and dropped a second time. The container must be less than 800 cm³ in volume, with no single dimension longer than 25 cm. The maximum weight, including the egg, cannot exceed 1,000 grams. We will supply the egg, you supply the container.

Contestants must be able to remove the egg without damage.

A maximum of 30 seconds will be allowed to place the egg in the container and remove it.

- 1) No kits or pre-made designs may be used. The structure must be the individual's invention.
- 2) The structure must be completely released (no strings or other attachments).
NO PARACHUTES!
- 3) The structure must land in a designated target area.
- 4) No propulsion system will be allowed.
- 5) No gases (i.e. helium) other than air can be present in the structure when it is weighed.
- 6) Volume will be calculated based on the shape of the container.
(Inside air volume/space will not be subtracted out)