

Syracuse Rocket Club

June 18, 2016

C Parachute Egg Loft Duration Contest

1. The contestant whose model achieves the longest duration for a single flight is the winner.
2. Up to three official flights may be flown by each contestant.
3. The model must return as one unit and may not separate into multiple pieces for recovery. Separation will result in disqualification.
4. No material may be affixed to the egg (e.g., glue or tape).
5. The Safety Check Officer or other official will provide the egg to each contestant presenting his/her entry for pre-launch safety check. Each egg shall be numbered, and that number shall be recorded on the contestant's flight card.
6. Following the flight, the contestant shall present his/her entry as recovered and, in the presence of an official, shall remove the egg. The official shall determine the extent of damage to the egg. If the official cannot examine the egg, the entry will be disqualified. If the contestant removes the egg in the absence of officials, or breaks the egg in the process of removing it from the model, the entry shall be disqualified. If the shell of the egg is broken or cracked, the entry shall be disqualified. Any model that cannot be returned to the officials shall be disqualified. No catching of models is allowed for official flights.
7. Motor impulse may not exceed a single C (10 Newton-seconds).

B Streamer Spot Landing

1. The winner will be the contestant whose nose cone lands closest to a target point on the ground set by the contest officials.
2. The rocket must use a streamer recovery system.
3. The rocket must return to the ground in one piece. Separation of the nosecone, streamer or body tube from one another will result in disqualification of that flight.
4. Up to three official flights may be flown by each contestant. The contestant's score will be the best single score from one of the three flights.
5. Different model rockets may be used for each qualification flight.
6. A flight must be declared as a contest flight before the flight begins by so indicating on the flight card.
7. The motor used must each be a B or higher impulse motor.