

Syracuse Rocket Club
September 28, 2024

A-Impulse Helicopter Duration Contest

1. The contestant whose helicopter achieves the longest duration for a single flight is the winner. Duration is timed from the time of rocket liftoff to the time that the rocket touches the ground or goes out of sight of the timers.
2. The entire model must be returned by helicopter recovery. No portion of the model may separate, and the engine may not eject from the model.
3. Up to two official flights may be flown by each contestant.
4. The entire model must be returned to the judges for the flight to qualify.
5. Motor impulse may not exceed a single A motor (2.5 Newton-seconds).