

Full rules for contest can be found at https://www.nar.org/wp-content/uploads/2021/08/USMRSC_July-2021.pdf

For the purposes of scoring, every contestant gets the opportunity to make two flights in each of these events.

1/4A Streamer Duration

1. This event is open to single-stage entries that contain a single streamer as the only recovery device.
2. The purpose of this event is to achieve the longest flight duration time.
3. Entries shall be powered by a NAR-certified 1/4A class motor.
4. A streamer is a continuous plane of identical cloth, plastic film, or paper; has a length-to-width ratio of 5:1 or greater; may be folded and/or creased; it may not be cut, slit, punched, and or perforated.
5. Several pieces of material may be joined into a single streamer. All such joints must be parallel to the narrow axis of the streamer. All pieces of the streamer must consist of identical material.
6. A contestant's official score is the sum of the durations achieved on all official flights.

A Parachute Duration

1. This event is open to single-stage entries containing one or more parachutes for recovery purposes.
2. The purpose of this event is to achieve the longest flight duration time.
3. Entries shall be powered by a NAR-certified A class motor.
4. Some portion of the parachute must protrude out of the entry and into the airflow to aid in recovery for the flight to be considered a qualified flight.
5. A contestant's official score is the sum of the durations achieved on all official flights

A Helicopter Duration

1. This event is open to single-stage entries that uses autorotation as the sole means of recovery
2. The purpose of this event is to achieve the longest flight duration time.
3. Entries shall be powered by a NAR-certified A class motor.

4. Each entry must be decelerated during descent by its auto-rotating recovery device. The resulting autorotation must be around the vertical axis. An entry that descends nose first or flips over during descent is permitted.
5. Recovery devices employing flexible (e.g., plastic film or cloth) surfaces are prohibited. Entries using a recovery system that is designed to act (or that actually acts) in a manner similar to a parachute, a rigid inverted bowl, or similar techniques are specifically excluded from this competition.
6. The entry must make a minimum of one complete rotation around its vertical axis during the recovery portion of the flight to be considered qualified.
7. A contestant's official score is the sum of the durations achieved on all official flights