



2026 CHINO VALLEY STREAMER SCRAMBLE

Rules & Information for Pilots

1. Event Description

The CVF Streamer Scramble is a fun combat event designed for pilots of all experience levels flying electric-powered models of any size and configuration. The objective is to safely compete against other aircraft by cutting opponents' streamers while keeping your own aircraft flying.

All aircraft types may compete together. There are no separate weight or power classes. Only electric power systems are allowed in this event.

The Contest Director (CD) has final authority regarding safety, aircraft eligibility, scoring, and interpretation of these rules.

2. Aircraft Requirements

- Aircraft must be safe and airworthy.
- Any aircraft approved by the CD may participate.
- Pilots may use different aircraft during different rounds.
- Replacement aircraft are allowed between rounds.
- Aircraft may not be replaced during an active round.
- The CD may restrict or modify any aircraft or streamer installation considered unsafe.

Examples include:

- unsafe streamer entanglement risk,
- inadequate structural strength,
- aircraft modifications that create a hazard.

3. Streamers & Harnesses

CVF will provide standardized streamers and suggestions for mounting the streamers. Pilots may choose any reasonable method for mounting streamers but only CVF-approved streamer systems may be used.

The **standard streamer length is 15 feet**. Aircraft for which the CD determines that a full-length streamer creates a safety concern may use a modified streamer arrangement approved by the CD. All pilots must begin each round with a complete and properly installed streamer. Damaged, shortened, or missing streamers must be replaced before the next round.

4. Combat Area & Safety

- Combat will take place only within the designated combat area.
- All pilots must provide a spotter who must be with the pilot during combat rounds.
- Pilots and spotters must remain in the designated pilot area.
- Spectators and non-participants must remain outside the combat and designated pilot areas.
- Intentional collisions, either midair or on the ground, are prohibited.

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- The CD may stop or suspend a round at any time for safety reasons.

5. Round Format

- All pilots fly all scheduled rounds.
- Each round is four (4) minutes in length.
- The CD will announce the beginning and end of each round.
- Pilots must begin each round with a complete streamer.

6. Streamer Cuts

A streamer cut occurs when an opposing aircraft removes any portion of another aircraft's streamer while the streamer is attached to the target aircraft. Each streamer cut is worth: **100 points**. A partial streamer cut does not eliminate the aircraft—if any portion of the streamer remains attached to the aircraft the pilot may continue flying and scoring cuts.

If the entire streamer separates from the aircraft the aircraft may continue flying but the pilot may not score points for additional streamer cuts during that round. The pilot retains any streamer cut points earned up to that point and is still eligible for Round Completion and Landing Bonuses.

A streamer that is no longer attached to an aircraft is not a valid target.

A pilot receives no points for cutting their own streamer. If a pilot's own aircraft causes their own complete streamer loss, the streamer loss is treated the same as any other complete streamer loss.

7. Midair Collisions

Midair collisions are considered no-fault combat incidents. Following a midair collision:

- Both pilots must immediately disengage from combat and are considered out of combat for scoring purposes.
- No additional cuts may be scored by or against either aircraft until the aircraft returns to active competition.
- The CD will determine whether and when either aircraft may return to combat.

If both aircraft remain safe and controllable, the CD may allow them to return to combat. If the CD determines an aircraft is unsafe to continue combat the pilot must leave the combat area and land the aircraft as soon as practical. The aircraft may not continue participating in that round.

8. Midair Disable Bonus

A pilot whose aircraft is disabled or is ordered by the CD to land as the direct result of an accidental midair collision will receive **15 points**. The Midair Disable Bonus applies only when the aircraft cannot complete the round because of the collision, or the CD determines the aircraft is unsafe or unable to continue. Both pilots involved in an accidental midair collision are eligible for the Midair Disable Bonus if both aircraft are disabled.

The Midair Disable Bonus replaces all round completion and landing bonuses. A pilot may not receive both a Midair Disable Bonus, and Round Completion or Landing points.

9. Aircraft Losses & Crashes

Aircraft losses not caused by an opposing aircraft receive no additional points. Examples include:

- pilot error,
- mechanical failure,
- battery, ESC, or motor failure*,
- radio failure,
- airframe failure,
- loss of control.

Streamer cuts and round completion bonus earned before the aircraft loss will be awarded. A normal crash does not receive any bonus points.

** **Depleted** batteries can be recharged while **failed** batteries cannot. A depleted battery does not count as an equipment failure and if the pilot calls “dead stick” and successfully lands the model, the Landing Bonus is awarded. No Landing Bonus is awarded if the landing is forced by a failed battery whether the pilot calls “dead stick” or not.*

10. Aircraft Retrieval & Relaunch

Pilots **may not enter the combat area** to retrieve aircraft during an active round unless authorized by the CD. If an aircraft is downed following a midair collision, the CD may stop the round and authorize recovery if conditions permit. Recovered aircraft must be inspected before returning to flight. The CD determines whether the aircraft is safe to continue. A normal crash may not be retrieved and relaunched during the same round.

If a round is stopped for recovery of downed aircraft, the round may resume with the remaining time.

11. Round Completion & Landing Bonuses

Completed Round Bonus: 25 points

Awarded when:

- The aircraft remains airborne through the end of the round, and
- The pilot remains an active participant.

Landing Bonus: 25 points

Awarded when:

- The aircraft completes the round, and
- The aircraft lands safely on the runway.

The completion and landing bonuses may both be awarded. However, a pilot receiving the Midair Disable Bonus may not receive either a completed round or landing bonus.

12. Scoring Summary

During each round, points are awarded when any of the following occur:

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Event	Points
Opponent streamer cut	100
Complete round	25
Safe runway landing	25
Disabled by accidental midair collision	15

13. Determining the Winner

Points are accumulated over four rounds. The winner is the pilot with the highest total score after all scheduled rounds.

Tiebreakers:

- Most total streamer cuts
- Highest single-round score
- Additional combat round if necessary

The CD may determine an alternate tie-break method if conditions require.

14. Sportsmanship

The purpose of the Streamer Scramble is to promote safe competition, sportsmanship, and fun. Pilots are expected to follow safety instructions, respect CD decisions, avoid intentional collisions, assist other pilots when appropriate, and encourage new participants.

Good sportsmanship is considered part of winning the event.