

Freestyle Score Sheet



Name of Judge:	
----------------	--

Each criteria will be judged from ten (10) to zero (0) in 0.5 increments

Pilot Name	Use of Total Flight Area (20K)	Originality and Complexity (20K)	Precision (20K)	Artistic Impression and Presentation (30K)	Choreography (30K)

Use of total flight area (20K)

The pilot should make full use of the available flight area, with a balanced mix of maneuvers at both ends of the flight area. Pilots that use only one side, or never leave the middle of the flight area should receive lower scores. Pilots should position maneuvers to help judges and spectators observe all aspects of the maneuver. Pilots should use a combination of fast, high-energy maneuvers with a small footprint, and long, slow maneuvers using a large footprint to demonstrate a wide range of flight skills.

Originality and Complexity (20K)

Pilots should perform a wide variety of figures. Pilots that repeatedly perform a single maneuver should receive lower scores, even if that maneuver is highly complex. Judges should award the highest scores to pilots that demonstrate a wide variety of complex maneuvers. Pilots should demonstrate complexity using all the aerodynamic and gyroscopic forces available, including stalled flight, autorotation, and propeller torque.

Precision (20K)

All maneuvers should demonstrate the precision expected for normal maneuvers. Roll rates should be constant for continuous rolls. Rolls should stop at the normal points (e.g., 1/8, ¼, ½, full). Point rolls should have a constant rhythm. Lines should be straight, and horizontal, vertical, or 45 degrees. Arcs and turns should have constant, continuous radii. Changes in altitude during a maneuver should be consistent with the maneuver, demonstrating the pilot's ability to control the aircraft at all times.

Artistic impression and Presentation (30K)

The music should establish a mood, and the movement of the airplane should match that mood. The rhythm of maneuvers should follow the music. Changes in the music should be reflected by changes in the flight.

Choreography (30K)

Pilots should demonstrate a well-rehearsed choreography of maneuvers, not a random selection of maneuvers. Maneuvers should flow from one maneuver to the next, without long pauses between maneuvers.