

RULES & GUIDELINES

1. Materials & Equipment

- All materials and equipment are provided by the organizer.

2. Participants

- 👥 Each team consists of **4 participants**.

3. Aircraft Eligibility

- ✓ All aircraft designs and shapes are allowed.
- ✓ No minimum or maximum weight restrictions.

4. Prohibited Actions

- ✗ The use of **EDF (Electric Ducted Fan)** is **NOT ALLOWED**.

5. Flight & Landing Criteria

- ✂️ **Loop & Rolls** must be performed in front of the pilot.
- 🔄 **Two Limbo Rock attempts are required.**
- 🕒 **Each round must be completed within a maximum flight time of 3 minutes.**
- 👉 Landing is only considered **valid** if the aircraft lands **after the designated line** and stops at the landing mark (Landing Zone).

6. Safety & Conduct

- ⚠️ Fly **responsibly**.
- ✂️ Ensure all aircraft are thoroughly checked before each flight attempt. All installed electronic components must be in good working order.
- 🚫 If the Master Pilot takes over aircraft control due to it being deemed out of the participant's control, the score for the affected discipline will be zero (0).

7. Scoring System

- ✓ Each pilot must perform **one (1) Loop** and **two (2) Rolls** per round.
- ✓ Scoring also considers **the speed of completing all required maneuvers**.

Points are awarded as follows:

◆ Loop & Rolls Points (40 Points)

- **Maximum 20 points** for a **clean and perfect Loop** (*based on judge's eyesight*)
- **Maximum 20 points** for **clean and perfect Rolls** (*based on judge's eyesight*)

◆ Limbo Rock Points (30 Points)

- **30 points** for **2 successful attempts**
- **10 points** for **1 successful attempt**

◆ Spot Landing Points (30 Points)

- **30 points** if the aircraft lands in the landing zone
- **20 points** if the aircraft lands **within less than 5 meters away** □ **10 points** if the aircraft lands **more than 5 meters away**

🕒 **Flight time will be recorded as a tiebreaker if necessary.**

🏆 **Total maximum score: 100 points.**

8. Competition Judges

👤🛩️ **Chief Technical Judge** – Responsible throughout the competition.

🏆 **Airfield Judge** – Supports the evaluation process.

✂️ **Flying Judge** – Responsible for the final competition results.

👤✂️ **Master Pilot** – Will take over aircraft control **without the participant's consent** if the aircraft is deemed **out of control** to prevent potential accidents or damage.

👤✂️ **Air Marshals** – During the flight session, the judging panel will be assisted by 3 air marshals.

9. Winner Selection Criteria

🏆 **The competition winner will be determined based on:**

1. **The highest total score** from the overall scoring system.
2. **The speed in completing all required maneuvers** within the allotted time.

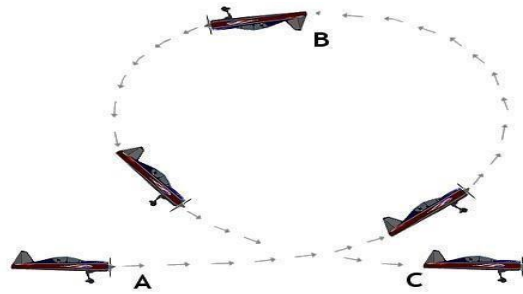
🏆 **Awards will be given for:**

✅ **Best Aircraft Design** – The most innovative, lightweight, and aerodynamically efficient aircraft.

✅ **Competition Winner** – The team with the highest score and efficient round completion will determine the winner of the Overall Championship up to Fifth Place. The decision of the panel of judges is final.

10. Flight Technical Visual

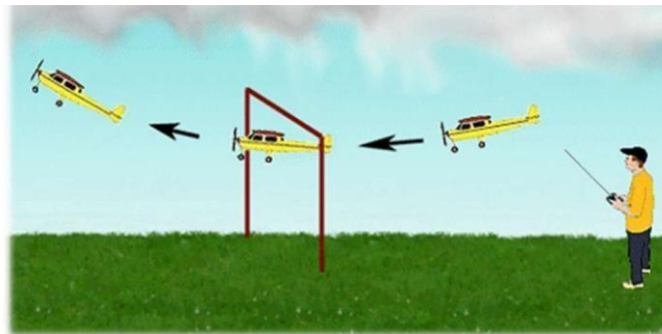
- i. Inside Loop 1 time.



- ii. Roll 2 times.



- iii. Limbo rock. Bar will be set based on level of competition. The height of the bar is 3 meters.



- iv. Landing zone. The plane landed smoothly and stopped in the landing zone.

20 meters

