

REGULATIONS

On Conducting the “Tinywhoop Racing” Competition within Aviation Competitions and Determining the Winners

GENERAL RULES:

Participants’ age: 10–20 years.

Team composition: 1 person per team.

The competition is held on a “Mini Drone Racing” track, where participants navigate along a designated route, pass obstacles, and reach the finish line.

All curious young people are allowed to participate in the practical competition.

1. OBJECTIVES:

1.1 To enhance the knowledge and skills of drone operators in their respective specialties.

1.2 To promote the development and practical application of UAV technologies.

1.3 To showcase new inventions and innovations.

1.4 To advance UAV technologies and increase innovation.

1.5 To identify the “Most Advanced Drone Operator” during the competition.

2. COMPETITION PROCEDURE:

2.1 The competition consists of three stages: preparation, qualifying, and final.

2.2 During the preparation stage, each participant performs flights without time constraints. The flight is used to assess the drone’s technical capabilities and flight stability.

2.3 In the qualifying stage, each participant performs three flights. The highest score achieved is considered. Participants must complete the flight along the designated route as quickly as possible while adhering to all route requirements.

2.4 Participants who pass the obstacles in the correct order, without damaging the drones, and in the shortest time, achieve higher results and advance to the next stage.

2.5 Based on the qualifying stage results, the top five participants advance to the final stage.

2.6 In the final stage, each participant performs three flights. The highest score achieved is considered. Participants must complete the flight along the designated route as quickly as possible while adhering to all route requirements.

2.7 Participants who pass the obstacles in the correct order, without damaging the drones, and in the shortest time, take 1st, 2nd, and 3rd prize places.

3. TECHNICAL REQUIREMENTS FOR DRONES:

3.1 Drones must be equipped with a video camera and video transmitter, and the participant must control the drone using video goggles.

3.2 If a participant cannot participate with their own drone, the organizer may provide drones.

4. PANEL OF JUDGES

4.1 The jury is formed by the Organizing Committee and oversees the enforcement of rules during the competition.

4.2 The jury's responsibilities include:

- Ensuring compliance with the rules.
- Making final decisions in disputed situations.
- Assessing participants' compliance with technical requirements.

4.3 The jury's decision is final and cannot be appealed.

5. SCORING CRITERIA AND AWARDING WINNERS:

5.1 Participants are evaluated according to the criteria specified in Appendix 1.

5.2 Each participant performs the flight along the designated route once.

Penalty points are applied for rule violations as follows:

- Leaving the designated route: 5 points deducted.
- Failing to fully pass an obstacle according to the rules: 5 points deducted.
- Touching an obstacle: 3 points deducted.

Drone crash: 5 points deducted and the flight is stopped.

ADDITIONAL RULES:

6.1 Special rules and regulations of the competition are published on the official website.

6.2 The Organizing Committee reserves the right to make amendments to the competition regulations.

6.3 In cases not covered by these regulations, the decision of the Organizing Committee is final.

No	Obstacle Names	Points	Results
1.	Obstacle 1 - Start: Fly through a rectangular-shaped obstacle.	10	
2.	Obstacle 2: Zigzag through upright flags.	15	
3.	Obstacle 3: Fly through an arch-shaped obstacle.	10	
4.	Obstacle 4: Fly through a straight rectangular tunnel.	10	
5.	Obstacle 5: Fly through a double circular obstacle.	15	
6.	Obstacle 6: Zigzag through upright flags.	15	
7.	Obstacle 7: Fly through a double circular obstacle.	15	
8.	Obstacle 8 - Finish: Fly through a rectangular-shaped obstacle.	10	
9.	Penalty Points		
Overall:		100	

This regulation may be amended no later than 30 days before the start of the competition. Any updated version will be provided to all registered participants.