“AVIAMODEL” COMPETITION REGULATIONS

CHAPTER I

1.1. Key Definitions

1.1.1. The following key definitions are used in these Regulations:

Aviation Model — a flying device based on the principles of aerodynamic flight, widely recognised worldwide as a distinct type of technical sport. Aviation models are built from light and durable materials.

1.2. Goals and Objectives of the Competition

1.2.1. The main goal of the competition is to train engineering personnel from among young people, identify talented, capable, and gifted individuals in the field of aviation, prepare them for international competitions, and promote the realisation and support of their creative potential.

1.2.2. The main objectives of the competition are defined as follows:

– promoting the aviation sector among young people and attracting the younger generation to the engineering field, which helps young people develop safe control of aviation models and increase their competence, enabling them to become qualified specialists in the future;
– improving the knowledge of talented young people in the field of air vehicles and providing instruction;
– improving and developing work with talented young people;
– improving the application of modern pedagogical and information-communication technologies, as well as interactive methods in organising aviation model training sessions for young people, and developing creativity;
– forming a pool of candidates from competition winners to represent the country's honour at international aviation modelling competitions.

1.3. Holding the Competition

1.3.1. Organisation and conduct of the competition.
– The competition at the national level is registered only within the deadlines set by the organising committee and is held in an offline format;

1.3.2. Winning teams are identified and awarded in the manner established by the organisers.

1.3.3. Information about recommended competition participants is submitted electronically via an online system at least 3 days before the start of the competition.

1.3.4. The competition consists of 2 rounds: the 1st — trial, and the 2nd — main. Aviation models are inspected and evaluated according to the competition rules; the ranking of competition participants is determined based on the results of the main stage of the final.

1.4.5. The Organising Committee develops the competition tasks and ensures they are presented to participants at the time the competition begins.

CHAPTER II. Competition Procedures

2.1. Management of Competition Organisation

2.1.1. General management of the competition is carried out by the Organising Committee.

2.1.2. The Organising Committee carries out the following functions:
– taking measures to prevent and resolve possible organisational and technical malfunctions and misunderstandings during the competition;
– determining the rankings of participants for the purpose of identifying winners;
– determining the venue and dates of the competition;
– reviewing complaints from competition participants during the competition and, if a complaint is found to be justified, announcing the results of the review to the competition participants;
– organising media coverage of the competition and its results.

2.1.3. The Organising Committee conducts the competition in three stages:
– The first stage of the competition is registration, the second is the qualifying stage, and the third is the final stage.

2.2. Procedure for Organising and Conducting the Final Stage

2.2.1. The final stage of the competition is held in the fourth week of April. The Organising Committee is responsible for ensuring it is held at a high standard.

2.2.2. The responsibility for the proper conduct of the final stage of the competition lies with the Organising Committee.

2.2.3. Complaints and appeals submitted by a participant in the final stage within 1 hour after the end of the competition are addressed by the Organising Committee directly during the competition process. Objections and complaints submitted after the established deadline will not be considered.

2.2.4. Participants who fail to comply with the established rules of conduct during the competition are disqualified from the competition by decision of the Organising Committee.

2.4. Competition Categories

Aviation Model (conducted on the basis of models made by participants) — the competition is held in the following model categories:

2.4.1. Wingspan up to 350 mm;
2.4.2. Wingspan up to 500 mm.

2.4.3. During the competition, if one team intentionally damages another team's model, such action is not permitted, and in such cases strict measures are taken against the participants — they are disqualified from the competition.

2.5. Determining Winners and Awards

2.5.1. Determining competition winners:
– Stages I, II, and III of the competition are conducted on the basis of the Organising Committee's minutes.

2.5.2. Participants who finish in the top three places at the final stage of the competition are declared winners and are awarded a special certificate and a cash prize by the organisers.

2.5.3. Active participants may also be recognised by the Organising Committee.

"AVIATION MODEL" COMPETITION
SPECIAL RULES FOR CONDUCTING THE PRACTICAL COMPETITION

AGE OF PARTICIPANTS:

Main category: 16–30 years;
Team composition: up to 3 members.

TASK DESCRIPTION:

The competition involves performing flights on models made by students on a designated field: in Stage I — a free flight aimed at achieving maximum time in the air, and in Stage II — a flight aimed at achieving maximum distance.

Models must be hand-launched without the use of additional devices.

1. COMPETITION PROCEDURE:

1.1. The competition is conducted in 3 stages: preparatory, qualifying, and final.

1.2. During the preparatory stage, each participant performs flights in their category without time constraints. The technical capabilities and flight stability of the aviation model are assessed during the flights.

1.3. During the qualifying stage, each participant performs 3 flights. The sum of the highest results obtained during the flights is counted. At this stage, the competition participant is required to complete the flight in the shortest time without violating the established requirements for their category.

1.4. The participant who completes the established course without damaging their model and achieves the longest flight time and greatest distance receives a higher score and advances to the next stage.

1.5. Based on the results of the qualifying stage, the top 5 participants with the highest scores qualify for the final stage.

1.6. During the final stage, each participant performs 3 flights. The highest result obtained during the flights is counted. At this stage, the competition participant is required to complete the flight within the allotted time without violating the requirements for their category.

1.7. Participants who achieve the best results in their category, complete the flight without damaging the model, and in the best time, take 1st, 2nd, and 3rd prize places in the competition.

2. TECHNICAL REQUIREMENTS FOR AVIATION MODELS

2.1. Aviation models are made by the participant; models with a wingspan of up to 350 mm and up to 500 mm are eligible to participate;

2.2. Slats, foam, and composite materials must be used in the construction of aviation models.

2.3. The model must be marked with the participant's initials.

COMPETITION CONDITIONS:

Up to 3 participants per team are allowed to take part in this competition.

Participants perform one flight each in the designated direction.

Penalty points are applied for each rule violation during the flight:

– if a participant interferes with others or obstructs the launch of models — 10 points are deducted;

– if the model does not meet the technical requirements — 10 points are deducted; upon touching an obstacle — 3 points are deducted;

– if the model suffers technical damage, the participant has the right to repair it, but must not exceed the competition regulations.

APPLICATION FORM FOR COMPETITION PARTICIPATION

Team Name	
Team Leader Full Name	
Phone, Email Address	
Organisation Name	
Full Names and Year of Birth of Participants (no more than 3)	**1. Participant** **2. Participant** **3. Participant**

OVERALL COMPETITION RESULTS

#	Participant Name	Team Name	Long-duration flight Flight I	Flight II	Long-distance flight Flight I	Flight II	Total Score	Place

Judging panel:

_____
_____
_____
_____
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