



Bulletin No. 1

INTERNATIONAL
30th KARLOVY VARY CUP

AEROBATICS COMPETITION IN
*Unlimited, Advanced, Intermediate and Sportsman
categories*

May 25th – May 28th 2023

AIRFIELD TOUŽIM

1. General

1.1. Organizer

- 1.1.1. Aerobatics Flight Centre Karlovy Vary, z.s is the Organizer of the 30th Karlovy Vary Cup 2023 (KVP 2023)
- 1.1.2. KVP 2023 is taking place under the auspices of the Czech National Aeroclub, the competition is part of a national competition “The best Czech aerobatic pilot of the year” and the competition is included in the national calendar of air sport competitions 2023.

1.2. Aim of the Competition

- 1.2.1. Organize a top-level competition in aerobatics in the Czech Republic and announce the international winner of the Karlovy Vary Cup in given categories.
- 1.2.2. Enable the pilots to compare their performance, exchange their experience and organize a sporting and social event exceeding the regional importance.
- 1.2.3. Present the region of Karlovy Vary; promote the Czech National Aeroclub and air sports, especially aerobatics. Give people in the region, mainly the young ones, an idea of sport activities at the airfields Toužim and Karlovy Vary.

1.3. Place and Dates

- 1.3.1. The competition will take place at the airfield Toužim.
- 1.3.2. KVP 2023 will take place in the period of **May 25th—May 28th 2023**.

1.4. Training Flights

- 1.4.1. In case of request of earlier training flights than May 25th 2023, please contact the Toužim airfield operator Petr Jiránek – mob.: +420 602 213 207.

1.5. Schedule

- 1.5.1. The schedule may be changed due to organization issues or weather conditions.
- 1.5.2. Competition schedule:

May 25th 2023 (Thursday)

6:00–11:30	Arrivals, registration, training flights
12:00	Opening ceremony, opening briefing
14:00–19:00	Competition flights

May 26th 2023 (Friday)

8:30	Briefing
9:30–13:00	Competition flights
13:00–14:00	Lunch break
14:00–19:00	Competition flights
May 27th 2023 (Saturday)	
8:30	Briefing
9:30–13:00	Competition flights
13:00–14:00	Lunch break
14:00–16:00	Competition flights
19:00	Closing ceremony, announcement of winners
May 28th 2023 (Sunday)	
	Departures

2. Regulations

2.1. Rules

2.1.1. KVP 2023 will be conducted according to the following rules:

- **Czech National Aeroclub Rulebook**
- **FAI Sporting Code – General Section,**
- **FAI Sporting Code – Section 6 Part 1,**
- **Flight regulations valid in the Czech Republic/EU,**
- **Local regulations for flight operations.**

2.1.2. KVP 2023 will be held in categories Unlimited, Advanced, Intermediate and Sportsman.

2.1.3. Performing and evaluating the aerobatic flights is ruled by the national rules, Czech National Aeroclub Rulebook and corresponding flight regulations in cases which differ from the rules in FAI Sporting Code.

2.1.4. Competition results will be announced providing a minimum of two programmes will be flown in the given category. International winners of the KVP in individual categories will be announced in the presence of minimum three competitors from the given category and meeting the above mentioned condition.

2.1.5. Protests have to be submitted to the Jury president in written form accompanied by a fee of 500 CZK/20 EUR.

2.1.6. In all categories a minimum of three programmes will be announced; in categories Unlimited, Advanced and Intermediate: Free Known, and two Unknown sequences, in category Sportsman: Known and two Unknown sequences. In case of bad weather conditions the programme KVD2 will be announced. KVD2 is a specially designed

programme flown in case of time pressure to finish the competition due to a low cloud base. Sequence is assembled from groups of two or three figures.

2.1.7. KVP 2023 is valid after completing at least two programmes. Minimum number of competitors in each category is three.

2.2. Competition Flights Conditions

2.2.1. Meteorological conditions

- **Ground horizontal visibility minimum 5 km**
- **Cloud base height minimum 50 m above the maximal competition flights altitude**
- **Ground wind speed max. 10 m/s**

2.2.2. Height limits are determined for individual competition categories. Height infringements will be evaluated by judges visually. Every day prior to competition flights Organizer will provide for a non-competing pilot flying the box edges and main axis at the minimum altitude determined for the competition flights.

2.2.3. Height limits for all competition flights in categories Unlimited and Advanced are stated in the FAI Sporting Code, Section 6 Part 1.

2.2.4. The upper height limit for the category Intermediate is 1 300m AGL and lower height limit is 300 m AGL.

2.2.5. The upper height limit for the category Sportsman is 1 600m AGL and lower height limit is 600 m AGL.

2.2.6. In case of bad weather conditions, when the cloud base prevents performing the competition flights, the chief judge can decide on lowering the upper height limit and allow a free break.

2.3. The Box

2.3.1. For the competition flights a standard aerobatic box according to the FAI Sporting Code, Section 6 Part 1, using the center cross and corner “L” marks, will be marked.

2.3.2. No line judges for performance zone infringement will be used.

3. Participation, Competitors and Aircrafts

3.1. Competitors

3.1.1. KVP 2023 can be attended by anyone meeting the predefined conditions. Competitors will not be grouped into teams.

3.1.2. Competitor must be a holder of:

- **a valid Private Pilot Licence,**
- **a valid medical certificate,**
- **a valid SEP qualification,**
- **ACRO qualification,**
- **Lower altitude limit approval according to the category (in pilot's log book).**

3.1.3. Corresponding documents will be checked at the registration. Original documents are required for the check.

3.1.4. Each competitor has to be capable of a solo competition flight in the category they are enrolled in. The competitor is responsible for performance and safety of the training as well as competition flights.

3.1.5. Category Sportsman enables the use of a Safety pilot. In such a case the Safety pilot is responsible for the safety and performance of the flight. The Safety pilot will be assigned to the individual pilot by the Contest Director after an agreement with the Jury and the Chief Judge.

3.1.6. Each competitor has to prove their capability of flying in the category they are enrolled in. The capability can be proven by the trainer's reference, reference of an instructor assigned by the Czech National Aeroclub Aerobatic Committee, by submission of flight record and/or performing a check flight with a trainer/instructor.

3.1.7. In the case of using an aircraft that is property of the Czech National Aeroclub the competitor has to submit liability personal insurance in the amount corresponding to the aircraft operator's insurance liability.

3.1.8. The Organizer is not liable for any damage caused by other participants to themselves or to third parties during the competition. Competitors and other participants have to provide for the insurance for the case of potential damage.

3.2. Aircrafts

3.2.1. All aircrafts taking part in the competition must have a valid Certificate of Airworthiness and have to be fully capable of performing aerobatic figures in the selected competition category.

3.2.2. All competition aircrafts must have a valid Certificate of Airworthiness and Airworthiness Review Certificate.

3.2.3. All competition aircrafts must have a liability insurance with respect to damage caused by the operation of the aircraft to third parties in the amount corresponding to the regulation EC no. 785/2004, i.e.:

- **MTOW up to 500 kg 750,000 SDR (approx. 870,000 EUR)**
- **MTOW above 500 kg to 1,000 kg 1,500,000 SDR (approx. 1,800,000 EUR)**
- **MTOW above 1,000 kg to 2,700 kg 3,000,000 SDR (approx. 3,600,000 EUR)**

- 3.2.4. Corresponding documents will be checked at the registration. Original documents are required for the check.
- 3.2.5. The change of the aircraft is allowed any time during the competition, provided that it is necessary and it is recommended by the technical committee. More competitors are allowed to use the same aircraft as well.
- 3.2.6. Operator of the competition aircraft will confirm performing of the preflight check to the Organizer prior to every competition day.
- 3.2.7. Hangar space, to a limited extent, during the competition is NOT included in the entry fee.
- 3.2.8. In case of insufficient hangar capacity priority will be determined by the Organizer with regard to the date of entry fee payment.

4. Entries and Registration

4.1. Entry Fee

- 4.1.1. Entry fee is equal for all competitors:
1500 CZK/60 EUR
- 4.1.2. Entry fee will be collected at the registration prior to competition opening. It can also be paid via bank transfer. For information on the bank transfer see 8.1.1.
- 4.1.3. In case of bank transfer payment the information about the arrival of the payment will be provided on demand. Variable symbol generated at on-line registration is important for payment identification. Entry fee must be paid to full extent and bank fees must be charged to the sender's account.
- 4.1.4. Entry fee covers:
- **Organization costs (paperwork, cost connected with judges participation).**
 - **Social and cultural programme (closing ceremony, etc.).**
 - **Costs connected with the use of the airfield.**
- 4.1.5. Entry fee does not cover fuel, oil, aircraft rental, accommodation and catering.
- 4.1.6. Competitor who is not a member of the Czech National Aeroclub must pay an additional fee of 300 CZK/12 EUR.
- 4.1.7. Membership in the AeČR will be checked in the electronic database of members.

4.2. Registration

- 4.2.1. Registration for the KVP 2023 has to be done by **May 15th 2023**.
- 4.2.2. Registration for the competition can be done in one of the following ways:

- **Via e-mail:** aerobatic.kv@seznam.cz

4.2.3. Registration form is a part of this Bulletin.

4.3. Free Known Sequences

4.3.1. Free known sequences (categories UNL, ADV and INT only) must be submitted by **May 20th 2023!**

4.3.2. **Free known sequences can be submitted via e-mail aerobatic.kv@seznam.cz. Sequences must be created in OpenAero (www.openaero.net).**

4.3.3. Only free known sequences in OpenAero format (sequence link or seq file) or in ARESTI VISIO format will be accepted. In both cases the latest software version must be used and a complete sequence, including the competitor's name and BC forms, must be submitted.

4.3.4. Sequences in PDF file format will be accepted only exceptionally and in advance. The PDF file must contain a complete sequence with BC forms, competitor's name in the bottom right corner and a list of coefficients on B form.

4.3.5. Hand-drawn or any other way created free known sequences will not be accepted.

5. Accommodation and Catering

5.1.1. Competitors themselves arrange the accommodation. Organizer can help provide the accommodation; for help with accommodation, please contact the Organizer.

5.1.2. Three meals per day will be available at the airfield and provided by the Organizer.

5.1.3. Accommodation and catering for the Judges and Jury will be provided and paid by the Organizer.

6. Competition Officials

6.1. Board of Judges and Jury

Jury President:	Vladimír Machula
Chief Judge:	Philippe KÜCHLER (SUI)
Judges:	Zuzana Danihelová (SK)
	Petr Jirmus (CZ)
	Richard Ponížil (CZ)
	Pavel Kavka (SK)
	Jan Adamec (CZ)

6.2. Technical Committee

Members of the technical committee will be announced at the opening briefing.

6.3. Local Officials

Contest Director: Jiří Duras
Czech National
Aeroclub delegate: Miroslav Červenka

7. Contact

7.1. Address for Correspondence

Letecký klub Karlovy Vary z.s.
Svobodova 537
360 17 Karlovy Vary
Czech Republic

7.2. Other Contacts:

Jiří Duras +420 603 871 189
aerobatic.kv@seznam.cz

8. Entry Fee Payment Details

8.1.1. Account number: 2112188123/2700, specific symbol: 1950