



---

3<sup>rd</sup> FAI WORLD AIR NAVIGATION RACE  
CHAMPIONSHIP  
Kamenica nad Cirochou 2024  
Slovak Republic

# LOCAL RULES



## 3<sup>rd</sup> WANR CHAMPIONSHIP

Slovakia • Kamenica nad Cirochou • 2024

AUGUST 12<sup>th</sup> – 25<sup>th</sup> 2024  
Kamenica nad Cirochou, SLOVAK REPUBLIC

## C.1 INTRODUCTION

The following local regulations for the 3<sup>rd</sup> FAI WORLD AIR NAVIGATION RACE CHAMPIONSHIP 2024 Kamenica nad Cirochou, Slovak Republic, should be used together with the FAI Sporting Code - General Section and Section 2, Rules and Regulations for FAI Air Navigation Race Championships, Rules and the other FAI documents for organizing of FAI First Category Events.

## C.2 ORGANIZER

The 3<sup>rd</sup> FAI WORLD AIR NAVIGATION RACE CHAMPIONSHIP 2024 in Kamenica nad Cirochou, Slovak Republic, will be organized by the Slovak National Aeroclub of General Milan Rastislav Stefanik (SNA) in cooperation with the Aeroklub Kamenica nad Cirochou (LZKC)

### C.2.1 Championship Officials

Competition Director:	Antonin Kazda (SVK)
Deputy competition Director:	Katarina Pohankova (SVK) Arnošt Foff (SVK) and Jiri Dodal (CZE)
International Chief Judge:	Maurice Ducret (CHE)
President of Jury:	Armin Zuger (FIN)
Scoring Manager:	Martin Hrivna (CZE)
Local Chief Judge:	Ladislav Szabo (SVK)
Jury/Int Chief Judge reserve:	Jesus Mas (ESP)
Route Planner:	Stefan Pohanka (SVK)

## C.3. PLACE

Kamenica nad Cirochou Airport (LZKC) is located 8 KM east of the town Humenne. Kamenica nad Cirochou airport is located 70 km north of the city Košice and 300 km northeast of the Slovakia capital city - Bratislava.

All the facilities necessary for the successful organization of the championship are located directly at the airfield. Available accommodation is in hotels located in the town of Humenne, about 8 km from the airfield (10 -15 minutes by car or bus).

Airport Operator:	Aeroclub Kamenica nad Cirochou
Airport ICAO sign:	LZKC
Coordinates:	N 48°56'13" E 21°59'60"
ELEV:	176 m/577 ft
FREQ:	122,605 MHz
RWY:	07 / 25 – 850 m x 50 m grass (two parallel runways of the same dimensions will be available)
Operational availability:	VFR day
Fuel / Oil:	AWGAS 100LL, MOGAS 100, TOTAL D120, AEROSHELL 100, 100W, ELF 100 AD

Hangar Space: Limited, aircraft will be docked outside in a designated area

Phone number: +421 908 333 233  
+421 903 465 284

E-mail: [aeroklubkamenica@gmail.com](mailto:aeroklubkamenica@gmail.com)

Website: [www.wanr2024.sk](http://www.wanr2024.sk)

More details: A visual display will be published on the website.

<b>LZKC KAMENICA NAD CIROCHOU</b>		ARP 485611N 0215939E		571 ft (174 m)		FIC 124.300	
KAMENICA TRAFFIC 122.605							
RWY 07/25		870 m		+421/908/33 32 33 Aeroklub pod Vihorlatom o. z. Humenné Letisko Kamenica nad Cirochou 067 83 Kamenica nad Cirochou <a href="mailto:aeroklubkamenica@gmail.com">aeroklubkamenica@gmail.com</a> <a href="http://www.aeroklubkamenica.letame.sk">www.aeroklubkamenica.letame.sk</a>			
VFR day	Circling: MNM 1 000 ft (300 m) AGL		MON-FRI: O/R				
	Non-public Domestic		SAT-SUN: 0900 (0800) - SS				

FL185	
FL180	
FL160	
FL140	
FL120	
10 000 ft	
8 000 ft	
6 000 ft	
4 000 ft	
2 000 ft	

Last change: new LZR28A area established

<b>LZKC KAMENICA NAD CIROCHOU</b>		ARP 485611N 0215939E		571 ft (174 m)			
KAMENICA TRAFFIC 122.605							
RWY	MAG direction	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Strength	
07	070°	870	870	870	870	5 700 kg/0,35 MPa	
25	250°	870	870	870	870	5 700 kg/0,35 MPa	

All the year, snow clearance is not provided.	O/R	35 beds at AD.
AVGAS 100 LL, BA 85 Natural, AEROSHELL 100, AEROSHELL W 100	NIL	Emergency call: 112 Hospital in the town Humenné.
Snack bar at AD.	Taxi, vlak, bus	

#### C4. DATE

MON	Aug 12 <sup>th</sup>	Arrivals
TUE/SAT	Aug 13 <sup>th</sup> – 17 <sup>th</sup>	Training days
SUN	Aug 18 <sup>th</sup>	Landing practice, General Briefing and Opening Ceremony
MON	Aug. 19 <sup>th</sup>	Landing test
THU/FRI	Aug. 20 <sup>th</sup> – 23 <sup>rd</sup>	Competition tasks
SAT	Aug. 24 <sup>th</sup>	Excursion, Closing Ceremony and Prize Giving
SUN	Aug. 25 <sup>th</sup>	Departures

Only the Competition Director may change this schedule.

## C5. ENTRIES

### C.5.1 Preliminary applications

It must be sent no later than March 31<sup>th</sup>, 2024 to the address given in Chapter-C.15. Acknowledgment of all pre-entries received will be sent to the nominating NAC and a complete list of participants will be published on the competition website and competition bulletins.

### C.5.2 Official Entries

Entry Fees (see C.6) should arrive no later than May 31<sup>st</sup> 2024 at the address stated in C.15 and the bank account stated in C.6.1.

### C.5.3 Late Entries

Late Entries received after 31<sup>st</sup> of May 2024 may be accepted if there are vacancies, at the discretion of the organizer and in combination with payment of the fee for late entry stated in C.6.

If a NAC sends a final entry but fails to pay the required entry fee, that NAC shall lose its right to participate in this competition.

### C.5.4 List of Official Entries

A final confirmation of all received Official Entries will be sent on 31<sup>st</sup> of May 2024 to all nominating NAC's and a complete list will be published on the competition website.

### C.5.5 Non acceptance of Entries

Entries received after 30<sup>th</sup> of June 2024 will not be accepted. Up to the official start of the championship only changes of entries according to C.5.2 and C.5.3 may be accepted by the organizer.

## **C.6. ENTRY FEES**

### C.6.1 Entry fee

for each personal aircraft	none
in the ALIBABA hotel or in the KARPATIA hotel for each competitor in a double room	1100 €
for each additional Team Member (team manager, engineers, observers, extra judge observers, supporters or accompanying persons)	800 €
for 1 International Judge per NAC	550 €
for single room additional fee per person	200 €

For extra night before/after competition contact organizer.  
Details will be published in Bulletins.

Fees includes, between opening and closing of the championship:

- opening/closing ceremony (2)
- accommodation in double rooms incl. breakfast (6)
- lunch at the airfield (6)
- dinner at the hotel (6)
- transportation to/from the airfield/accommodation
- envelopes for training stages, excl. maps (4)
- envelopes for navigation tests, incl. maps
- sanction Fee

Surcharge for Late Entry (per person)

200 €

Rates may be changed due to unforeseen inflation or changes in fiscal legislation in Slovakia.

Payment of Entry Fees shall be made by bank transfer. All transfer and exchange fees shall be paid by the sender.

All Fees must be paid to specific account:

Account name: AEROKLUB KAMENICA,o.z.

Name of Bank: Slovenská sporiteľňa a.s.

IBAN : SK 15 0900 0000 0004 6086 1186

BIC : GIBASKBX

Designated use: WANR 2024

C.6.2 Each Entry Form is regarded as accepted only if acknowledged by the organizer. The acknowledgement will only be given if the full appropriate Entry Fee has been received by the organizer.

C.6.3 The entry fee for the Championship includes all items stated under C.6.1.

C.6.4 Cancellations of entries are possible latest by 31<sup>st</sup> of May 2024 without deduction of an administration fee. From the 1<sup>st</sup> of June 2024 on, any cancellation will be deducted by 10% of each the entry fee. If a cancellation will be received later than 30<sup>th</sup> of June 2024 only 50 % of the entry fee can be reimbursed.

## **C.7. TEAM MEMBERS**

C.7.1 A team manager who preferably should not be a competing pilot shall head each national team.

C.7.2 Each participating country is entitled to provide International (According to Paragraph D.3 of the Rules and Regulations for FAI Air Navigation Race Flying).

C.7.3 Each competing pilot shall possess a valid pilot license (LAPL, PPL and higher grade); all competitors must have a valid FAI Sporting License.

#### C.7.4 Validation of license

The pilots must be able to document in the form of declaration of the respective countries authorities that their certificate is in accordance with ICAO Annex I. If the evidence is not sufficient, pilot training may be needed to fulfill the requirements as imposed to be flying in Slovakia registered aircraft.

Furthermore, pilots must provide a RT license with valid ICAO language proficiency in English language according to ICAO/ FCL.055 – minimum level 4 and valid medical certificate.

### **C.8. AIRCRAFT AND INSURANCE**

C.8.1 Each competing aircraft must possess a Certificate of Airworthiness and must be operated in accordance with the aircraft manual.

C.8.2 Each competing aircraft arriving in Slovakia must be able to present the Liability insurance with a copy in English, certified by the Insurance Company. All aircraft using the Slovak airspace must be insured for the liability of damages caused by operation of the aircraft to third parties covering a minimum amount in SDR (Special Drawing Rights) according to the following MTOW:

- Up to 500 kg 750.000 SDR (approx. 930.000 €)
- Above 500 up to 1000 kg 1.500.000 SDR (approx. 1.800.000 €)
- Above 1000 kg up to 2700 kg 3.000.000 SDR (approx. 3.600.000 €)

The Insurance certificate must cover the aircraft for use in competition.

C.8.3 Health and Injury Insurance is entirely on the Participants' own responsibility. The organizer cannot take any responsibility for personal injury or health issues for the participants.

### **C.9. ARRIVALS**

C.9.1 When arriving by airline, the nearest airport is Košice International Airport (LZKZ) 70 km away from the competition site and can be reached within 1 hour by car. Arrivals with own aircraft can be planned directly to the Airfield Kamenica nad Cirochou. More information will follow in Championships Information Bulletins.

### **C.10. LANGUAGE**

All rules, regulations, information, briefings, and tasks for competitors will be held English language only.

### **C.11. BRIEFINGS**

C.11.1 All briefings will be held in accordance with the current FAI AIR NAVIGATION RACE Rules.

C.11.2 Opening briefing on competition rules, regulations, and other information, mandatory for all participating pilots and team managers will be on the 18<sup>th</sup> of

August 2024. The official rules for this championship will be published after the FAI GAC meeting.

C.11.3 Special judges briefing, mandatory for all international judges, judges, observers, local judges, members of computer center and helpers will be on the 18<sup>th</sup> of August 2024.

C.11.4 During competition days a daily MET Briefing will be held. All information will be posted on the Information Board.

## C.12. SPECIFIC RULES

C.12.1 Aircraft rental:

C.12.1.1 The following types of aircraft are expected to be available for rent: (Rental fees may be subject to change, see remark C.12.1.3)

- Cessna 150/152 **135,00 € / hour** (without fuel or oil)
- Cessna 172 **170,00 € / hour** (without fuel or oil)

Requests shall be stated in the Preliminary Entry Form and sent to the organizer up to the published date in C.5.1 (March 31<sup>th</sup>, 2024) and only will be confirmed if the full Entry Fee is paid latest by the given date in C.5.3 (May 31<sup>st</sup> 2024).

All participants from oversea countries will be in favor to rent, if less than requested aircraft would be available.

Rented aircraft will have to be shared with other crews from various countries.

C.12.1.2 The renting of aircraft is anticipated to be handled by the organizer. Price should be including aircraft insurance.

C.12.1.3 Expected hourly rental prices are calculated without fuel and/or engine oil. The aircraft will be delivered at the competition airfield and shall be given back at the end of the competition, with full tanks and oil at maximum. Surcharges for transfer flights may apply.

C.12.2 Fuel, oil and other

AVGAS 100LL	According to market prices
MOGAS 100	According to market prices

AEROSHELL 100, 100W, TOTAL 100 AD	According to market prices
-----------------------------------	----------------------------

AERONAUTICAL CHART ICAO VFR of Slovak republic 1:500.000 = 32,00€/per map (ICAO VFR map is mandatory on board of each aircraft for all flights)

C.12.2.1 Payment at the competition site

For all services shall be made in credit cards or in cash in EURO only. Any other currencies will not be accepted.

C.12.2.2 Currency exchange is on each participant's own responsibility. Bank as well as ATM is available in the town of Humenne.

C.12.3 Landing evaluation

Video recording will be used during competition landing, and an approved Electronic Landing System will be used.

**C.13 QUALIFICATION & LANDING**


VARIANT NO. 1

C13.1 Qualification


Qualification will take place on August 20<sup>th</sup> and 21<sup>st</sup> 2024, Tuesday and Wednesday. All participating crews will complete 2 stages per individual day, each crew will complete 4 qualifying stages in total. The width of the track corridor will be 0.4 NM to 0.25 NM. The results will be counted together with the landing competition in the Combined (Air Navigation Race and Landing).

C.13.2 Final

The finals of the Air Navigation Race competition will take place on August 22<sup>nd</sup> and 23<sup>rd</sup> 2024, Thursday and Friday. After completing 4 qualifying stages of all crews, 16 crews (from 1<sup>st</sup> to 16<sup>th</sup> place) will pursue to the final part of the Air Navigation Race according to the lowest number of penalty points.



WANR 2024  
Kamenica nad Cirochou, 19.-24.08.2024  
**Air Navigation Race Qualification Process**



<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

program ANR 3

www.flynavigation.eu



The finals in the Air Navigation Race will continue in an elimination system of eight finals (16 crews), quarter finals (8 crews), semifinals (4 crews) and finals (2 crews). The crews will always compete in pairs according to the drawn sequential numbers in order from 1 to 16 (1-2, 3-4, 5-6, 7-8, 9-10, 11-12, 13-14, 15-16). The better crew from the pair with the lower number of penalty points always pursue in the next competition stage.

Ranking of Crews from semifinals (position 9 to 16) in the Overall Result Sheet will be evaluated based on the results (reached penalty points) from the eight finals. The same procedure will be followed for the quarter finals from 5<sup>th</sup> to 8<sup>th</sup> place, for the semi-finals from 3<sup>rd</sup> to 4<sup>th</sup> place and the finals of the competition from 1<sup>st</sup> to 2<sup>nd</sup> place.

Results from all other competing crews (17<sup>th</sup> to last position) will be added to the Overall Result Sheet based on total reached penalty points from the qualification stage.

## VARIANT NO. 2

### C13.1 Qualification

Qualification will take place on August 20<sup>th</sup> and 23<sup>rd</sup> 2024, Tuesday and Friday. All participating crews will complete 2 stages per individual day, each crew will complete 7 qualifying stages in total. The width of the track corridor will be 0.4 NM to 0.25 NM. The results will be counted together with the landing competition in the Combined (Air Navigation Race and Landing).

### C.13.2 Final

The finals of the Air Navigation Race competition will take place on August 23<sup>rd</sup> 2024, Friday. Only 2 best crews from the qualification with lowest number of penalties will compete in final for the winner in navigation.

Notice: This procedure may be changed in case of unpredictable circumstances only by Competition Director after agreement with Jury and Chief Judge.

### C.13.3 Landing process

Landing test will be held on Monday August 19<sup>th</sup> 2024. Landing test will proceed in accordance with RULES AND REGULATIONS GAC Landing appendix.

Each crew gradually completes all 4 types of landing in accordance with RULES AND REGULATIONS GAC Landing appendix.

The results are included in the overall ranking in Combined (Air Navigation Race and Landing).

Notice: This procedure may be changed in case of unpredictable circumstances only by Competition Director after agreement with Jury and Chief Judge.

### C.13.4 Competition speed.

Declared competition airspeeds should be the same for all participants and will be announced as soon as the participating aircraft are known.

## **C.14. COMPETITION MAP**

### C.14.1 Map Scale.

The map to be used will be, scale 1:200 000, provided by Organizer. Competition map will be published on the website of the competition 3<sup>rd</sup> FAI WORLD AIR NAVIGATION RACE CHAMPIONSHIP, Kamenica nad Cirochou 2024, Slovak Republic - (see Appendix No.1).

The corridors will be gradually narrowed from 0.4 NM to 0.25 NM (from qualification to the finals of the competition) - (See Appendix No. 2).

Each competitor individually receives a flight plan for his take-off time according to the start list (see Appendix No. 3 ).

### C.14.2 Shape of the corridors:

Corridors at turning points will be without external rounding (see Appendix No. 2)

## **C.15. DOPING CONTROL**

Doping tests may be carried out in accordance with FAI drug rules and doping rules of Anti-doping agency of Slovakia as well as the WADA code.

## **C.16. CORRESPONDENCE AND COMMUNICATION**

All correspondence shall be with:

Aeroklub Kamenica, o.z.

Štefánikova 4

066 01 HUMENNÉ

Slovak Republic

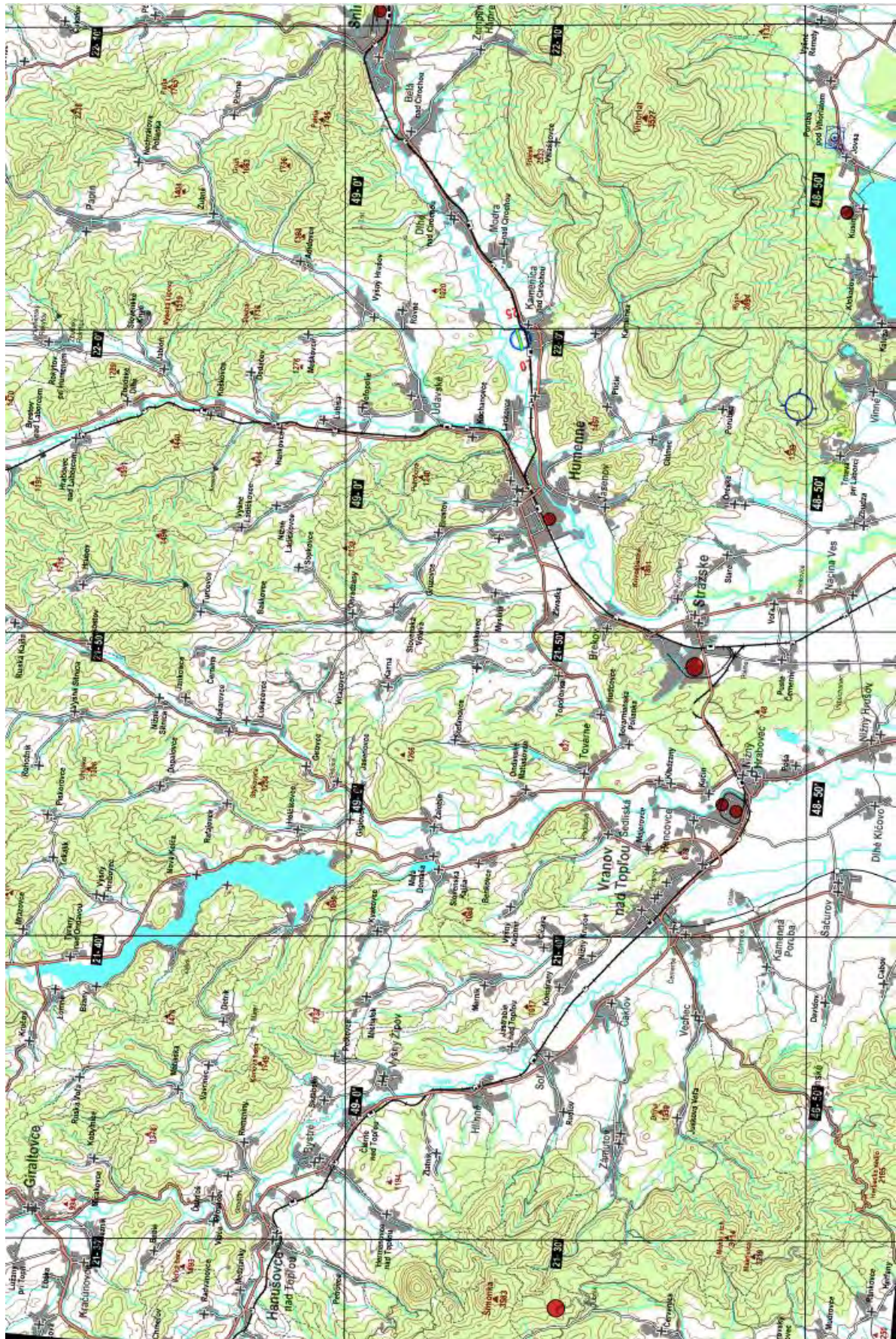
Phone number: +421 908 333 233

+421 903 465 284

e-mail: [aeroklubkamenica@gmail.com](mailto:aeroklubkamenica@gmail.com)



Appendix No. 1





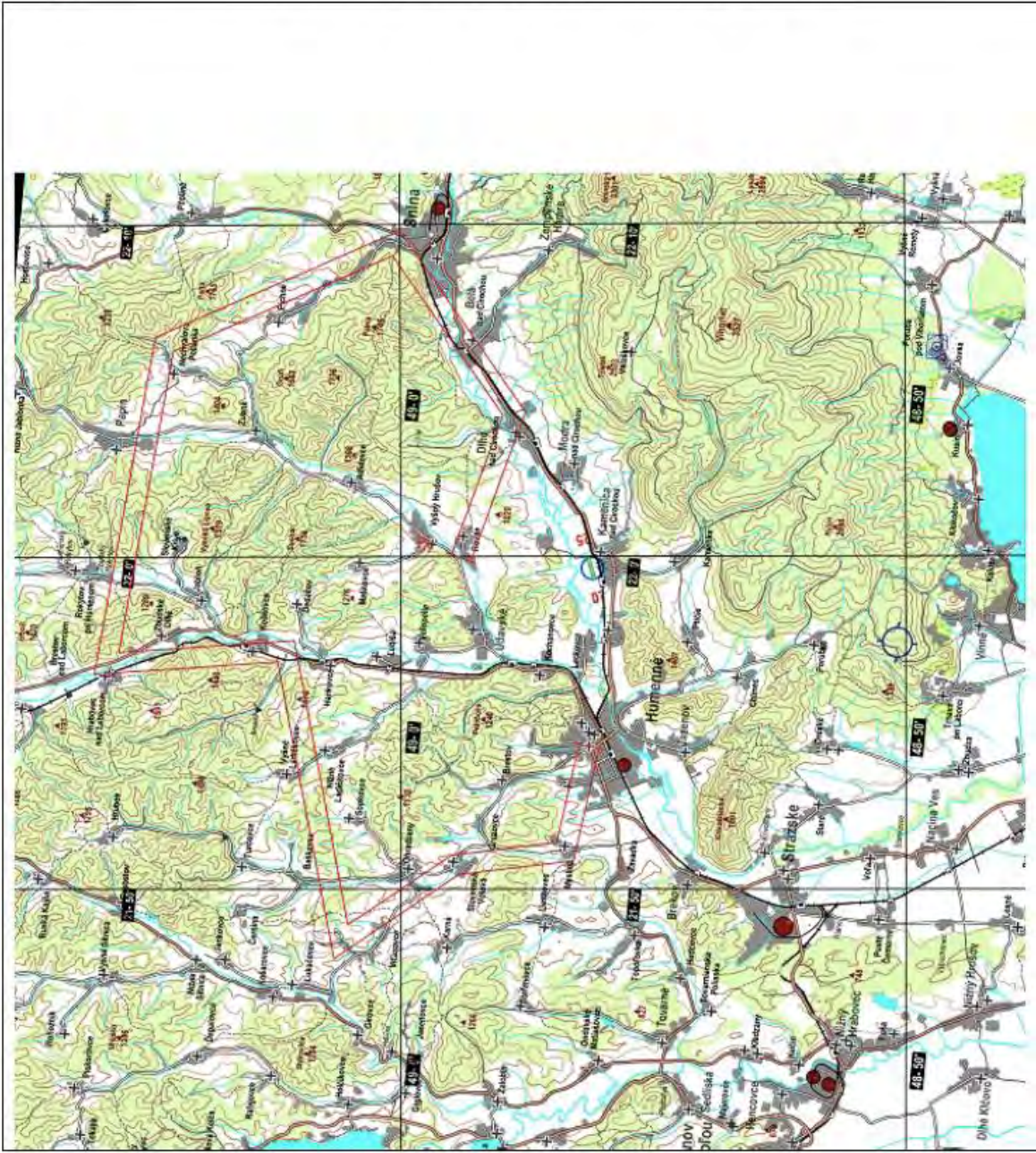
Appendix No. 2

WANR 2024

Kamenica nad Cirochou, 19.-24.08.2024

Map corridor: route No.3

Scale: 1:200 000



	Dist.	TT	EET	ETO
T/O				
SP				
TP 1				
TP 2				
TP 3				
TP 4				
TP 5				
TP 6				
TP 7				
TP 8				
TP 9				
FP				

## Appendix No. 3

WANR 2024

Kamenica nad Cirochou, 19.-24.08.2024

### Flight plan: route No.3

Start sequence: 4	Crew: STOKLASA Radim - POHANKOVÁ Katarína		
Team: SVK	Type: C-172	Registration: OM-SNA	Declared TAS: 75
Corridor width: 0,40 NM		Corridor distance behind SP: 0,00 NM	
SP to FP length: 35,04 NM		SP to FP time: 0:28:02 hrs	
T/O time: 12:45:00	SP time: 12:51:00	FP time: 13:19:02	
GPS altitude Min: 0		GPS altitude Max: 99999	