



EUROPEAN  
CHAMPIONSHIP



**19th FAI European Hang Gliding Class 1 Championship  
7th FAI World Hang Gliding Class 5 Championship  
16<sup>th</sup> – 30<sup>th</sup> July, 2016  
Krushevo, FYR of Macedonia**

## **Local Regulations**

**Official (approved 19-1-2016)**

**Organized by the  
Sport Club Cross Country XSC**

**On behalf of the  
Vozduhoplovna Federacijana Makedonija**

**These local regulations are to be used in conjunction with the most recent versions of:**

- General Section of the FAI Sporting FAI Sporting Code.
- Section 7A of the FAI Sporting FAI Sporting Code.

## 1 - Contacts

Organizing NAC:

Competition organizer: Sport Club Cross Country XSC – Petar Caulev 38, 6000 Ohrid.

On behalf of: Vozduhoplovna Federacija na Makedonija – Miroslav Krleza n°1, Skopje

Official website: <http://www.hgeu2016.mk>

### Officials

|                             |  |
|-----------------------------|--|
| Event organizer:            | Ivan LUKANOV                               |
| Meet director:              | Goran DIMISKOVSKI                          |
| Safety director:            | Martin JOVANOVSKI                          |
| Rescue coordinator:         | Filip BARAKOVSKI                           |
| Live tracking coordinator:  | Filip BARAKOVSKI                           |
| Weather forecast:           | Goran DIMISKOVSKI                          |
| Scoring Director:           | Mine PAVLOVSKI                             |
| Doctor:                     | On daily basis                             |
| Headquarters Coordinator:   | Filip BARAKOVSKI                           |
| Take-Off Marshal:           | Vladimir BARAKOVSKI                        |
| Take-Off Marshal:           | Ivan LUKANOV                               |
| Goal Marshal:               | Mile SPIRKOVSKI                            |
| Public and Press Relations: | SignUp – Digital Marketing Agency          |
| Photographs, videos:        | SignUp – Digital Marketing Agency          |
| Social events:              | SignUp – Digital Marketing Agency          |
| FAI Steward:                | Claudia MEJIA DE LA PAVA (COL)             |
| FAI Jury President:         | Stéphane MALBOS (FRA)                      |
| FAI Jury Members:           | Jamie SHELDEN (USA), Giovanni VITOLA (GUA) |

## 2 - Programme

|                            |   |
|----------------------------|---|
| Official Registration:     | 16/07/2016 – 6 pm – 10 pm – @HQ, Krushevo.  |
| Official Registration:     | 17/07/2016 – 08:30 – 11:30 – @HQ, Krushevo. |
| Opening ceremony/Parade:   | 17/07/2016 – 6 pm – Krushevo City Center.   |
| Team leader meeting:       | 18/07/2016 – 08:30 – HQ.                    |
| Mandatory Safety Briefing: | 18/07/2016 – 09:30 – HQ.                    |
| Official training day:     | 18/07/2016.                                 |
| Complimentary Dinner:      | To be advised.                              |
| Contest flying days:       | 19/07–29/07.                                |
| Prize-giving & Closing:    | 30/07/2016 – 12:00 – HQ.                    |

The programme is subject to change with CIVL approval. Any changes before the start of the competition will be posted on the website.

After the start of the competition, changes will be announced by the Meet Director at the Team Leaders briefing and posted on the official board at headquarters.

### Daily Schedule

On training and competition days:

08:30: Headquarters open

09:00: Team Leader meeting

09:30: Transportation to take off

09:30: Task and Safety Committee meetings

11:30: Pilot briefing/Task briefing

12:00: Take-off window opens.

7 pm: Scoring office opens  
 10 pm: Provisional results, published printed in HQ

The daily schedule is subject to change.

Any changes to the schedule before the start of the competition will be posted on the website.

After the start of the competition, changes will be announced by the Meet Director at the Team Leaders briefing.

### **3 - Entry**

The maximum number of pilots in the championship is 125.

The maximum number of pilots expected in Class 1 is 90.

The maximum number of pilots expected in Class 5 is 35.

The numbers being 'expected' means that if there are too few pilots in one Class and too many in another, numbers will be readjusted in agreement with CIVL Bureau.

The maximum number of pilots constituting a national team in Class 1 is 5.

The maximum number of pilots constituting a national team in Class 5 is 3.

#### **Pilots from other continents**

As per Section 7: If any suitable spots remain available, the organizer will accept entries from suitable pilots from other continents. Such pilots will have to fit the general qualification criteria of the meet and will be selected in their WPRS order with one woman pilot accepted for every 4 males that are selected.

### **4 - Eligibility to Compete**

In Class 1, according to Section 7.

In Class 5, pilots must:

- have been ranked with at least 20 points in Hang Gliding Class 1, 2 or 5 WPRS in the three years prior to the entry deadline;
- have participated in one or more Class 5 FAI sanctioned event.

Exceptions to pilot qualification requirements according to Section 7.

### **5 - Application to Compete**

The ranking reference date for qualification criteria, nation priority table and allocation is March 2016 ranking published on 1/4/2016

Applications must be made through <http://www.hgeu2016.mk> starting from 1/1/2016 and finishing on 15/4/2016.

NAC's are invited to submit applications for pilots in high enough numbers, so they can be included in case of extra allocation rounds (see below).

A Screening Committee has been appointed with the following participants: Mitch Shipley (USA), Flavio Tebaldi (ITA) and Tim Grabowski (GER). It will:

- Check that entries accepted by the organizer meet eligibility to compete criteria.
- Accept and check applications for exemptions.
- Check the allocation process and make sure it is done according to the rules.

Deadline for exemption applications is May 15, 2016.

### **6 - Allocation and Payments**

Allocation will be done according to Section 7.

The first allocation round will be made and results published on the official website on April 16, 2016.

The entry fee payment process will start on April 16, 2016.

Confirmation of payment transfers must be sent to the organizers by email before May 15, 2016.

Applications with fees paid, but not received or confirmed by the deadline will be refused.

After the first payment deadline, the team allocation table will be updated. Any unpaid places will be reallocated.

The final allocation round will be made on May 16, 2016 until a total of 125 European pilots are reached or no more applications remain. Remaining spots, if any, might be given to non-European pilots.

The deadline for the final payment will be June 30, 2016.

For any late payment, a supplementary fee of 50 Euros will be applied.

Between May 16 2016, and the beginning of the competition, if any spot becomes open because of cancellation for any reason, the spot will be offered:

—First to a European pilot of the same NAC.

—Second to a European pilot of another NAC (in the order of the WPRS nation ranking, starting where the second allocation round finished).

—Third, to a non-European pilot.

If non-European pilots are accepted, they will be treated as European pilots, but will be filtered out of the final results and there will be two sets of results published: an 'Open' list and a 'European' list, for the championships' purpose.

## 7 - Entry Fee

### The Entry fee will be:

- 450 Euros per pilot.

- 250 Euros per team leader/assistant.

Team leaders who are also pilots in the competition will pay only the pilot entry fee.

### The Entry fee includes:

- Color map of task area showing take-off, turn points, landing fields and restricted airspace and areas;
- ID card & safety/contact information.
- Contest numbers.
- Upload of turn-points with GPS coordinates.
- GPS track-log downloads.
- Live tracking.
- Competitor and glider identification.
- Daily snack package, water.
- Competition souvenirs.
- Free access to all championship events and parties.
- Free internet (Wi-Fi) access at the HQ.
- Emergency rescue and first aid medical service.

### Entry fees for Italy, Germany and France are to be paid to the following account:

FAI CIVL bank account details:

Address: Crédit Suisse Private Banking

Rue du Lion d'Or 5-7

Case postale 2468

CH —1002 Lausanne

Switzerland

Account name: FAI-CIVL Fédération Aéronautique Internationale

Account Number (Euro): 0425-457968-32-6

IBAN Code: CH63 0483 5045 7968 3200 6

SWIFT/BIC Code: CRESCHZZ80A

Please indicate that the payment is the entry fee for the 'European/World Hang Gliding Championships' and state the member NAC.

**All other entry fees are to be paid to following bank account:**

Account Name: ZDRUZENIE SPORTSKI KLUB KROS KANTRI – OHRID  
 Bank Name: OHRIDSKA BANKA AD SKOPJE – SOCIETE GENERALE GROUP  
 Swift Code: OHRDMK 22  
 Account Number: IBAN: MK07530922000002293

Please indicate CIVL IDs of all the pilots you are paying for.

**Refund policy**

In the event of a pilot withdrawing from the competition before July 1st 2016 and who cannot be replaced by a qualified NAC-nominated pilot from that nation, a full refund will be offered, minus 100 Euros for administration costs.

Cancellations received after this date will not be eligible for a refund.

**8 - Registration**

Registration will be done according to Section 7.  
 Online FAI Sporting License is mandatory for all pilots.

Entry forms will be completed, checked and signed.  
 In order to speed-up the process of registration, the Team leaders can prepare and communicate the required documents to the organizer before the official registration.

Each competitor will be required to present:

- Proof of identity.
- A helmet certified to the EN966 (HPG), EN1077-A and –B (Snow Sports), ASTM 2040 (Snow Sports) or Snell RS98.
- For Class 1 glider sprog setting measurements in writing for comparison with the figures produced by the sprog measuring team.
- One 3D GPS with the make, model and serial number available. 3D backup GPS is strongly recommended.
- Certificate of insurance covering public liability risk (with English translation if needed).
- Certificate for personal accident/hospitalization/repatriation (with English translation if needed).
- Pilots' and assistants' mobile telephone numbers.
- Liability waiver properly filled out and signed (see Section 7 template).

**9 - Insurance**

The organizers require documentary proof in English of a valid insurance covering public liability risk to the value of at least 250,000 Euros. It must be presented to the organizers at registration.  
 Insurance for personal accident/hospitalization/repatriation is not mandatory but highly recommended.

**10 - Equipment**

All equipment must abide by Section 7 and CIVL GAP.  
 In addition pilots are required to fly with GSM telephone.

**Radio**

According to Section 7.

Radios (2m band) are mandatory. Pilots and their team leaders must be able to monitor the safety frequency during all tasks. Voice activated microphones (VOX operated) are prohibited.

**Contest number**

According to Section 7.

Provided numbers will be placed on the right upright on a visible place.

## 11 - Committees

### Task advisory committee

According to Section 7.

It will include the Steward and the Meet Director plus 3 pilots in Class 1 and 2 pilots in Class 5.

### Safety committee

According to Section 7.

## 12 - Launch

Covering NE, E, SE wind directions, elevation 1450 m ASL, only 2 km from the town of Krushevo (where accommodation and HQ will be located) via asphalt access road.

More information on the competition website.

Other appropriate take-off sites, discussed during the practice event, may be used by the Meet Director after consultation with the Steward, the Task advisory committee and the Safety committee.

### Launch window

For the task to be valid, the launch window must be open for at least 45 minutes.

### Wind speed at launch

The maximum wind speed in which a task shall be flown is 35 km/h, measured at launch at man's height.

### Take-off procedures

The takeoff procedure from this launch can be executed with three launch lanes in parallel. Ordered Launch will be used throughout the Competition.

### Ordered launch

15 minutes open list (early bird) followed by:

For Class 1:

—On first day the top 30 from the registered pilots from the WPRS in reversed order followed by the other pilots in the WPRS order.

—On all other days the top 30 pilots from the overall results in reversed order followed by the other pilots in the overall competition results order.

For Class 5:

—On first day the top 10 from the registered pilots from the WPRS in reversed order followed by the other pilots in the WPRS order.

—On all other days the top 10 pilots from the overall results in reversed order followed by the other pilots in the overall competition results order.

The reversed order numbers will be confirmed (or updated) during the first team Leader meeting, subject to the final number of participants that register for the Competition.

The 'push' system may be used. Only pilots ready to take off in the launch lanes are allowed to push.

### Early bird

Any pilot outside the top 30 (for class 1) or top 10 (for Class 5) may request an early bird launch at the team leader briefing each morning. The request needs to be submitted by the respective team leader at the team leader briefing. If more than 10 pilots make requests to be in the early bird launch on any given day, there will be a random drawing at the end of the team leader briefing to choose the 10 early bird pilots. Launch order for the 10 early bird pilots will also be drawn randomly at that time. Any pilot in the early bird launch that is not ready to launch or chooses not to launch in his early bird position must go to the back of the launch line (not to his original launch position outside the early bird period).

**No pilots willing to launch**

The Meet Director may allow pilots outside their launch order to move to the front of the launch queue, where they will be treated in the same fashion as a pilot who has 'pushed'.

**Entering launch lanes**

Pilots may not enter the start lanes unless they are fully ready to fly. At no stage is a pilot permitted to launch without having been given permission by the launch director/marshal who is present at his/her lane. Staff will be in the start lanes to carry out checks, which all pilots must allow them to do.

**Push system**

The Meet Director may use the push system. This allows any pilot to push a line of competitors by announcing to the take-off official 'Pilot number X is pushing'. Immediately, all pilots ahead of the one pushing have 30 seconds (see note) in which to decide to take off and then a further 30 seconds to complete the take-off. A pilot who declines to take off during his decision period must immediately go to the end of the queue. A pilot who fails to take off within the completion period will be scored zero for the task. When the pushing pilot arrives at the take-off point he is not permitted any decision time, but must take-off within 30 seconds or be scored zero for the task. A pilot who wishes to "push" must be ready to take off immediately when he pushes and may not leave the launch line subsequently. No pilot may move into the start lane while a "push" is under way in that lane nor may any pilot initiate another "push" in that lane until the current one has been completed. When an ordered launch is used, a pilot who decides not to take off in his turn may not subsequently "push" in that task.

If more than one class is using a launch point or lane in the same time frame, a lane may be designated as a priority lane for a given class. The push system will operate in that lane for the class given priority. Pilots not in that class will be pushed but will not be allowed to push the priority class.

**Relaunch**

A competitor will be allowed a maximum of 2 take-offs.

In case of a re-flight the pilot must have not taken a start gate. The flight should be logged and stored for verification purposes. Individual transport should be used to the take-off area.

The re-flight must be reported to the MD or Launch marshal prior to the second take-off.

Pilots who do not follow this protocol will be awarded minimum distance only.

**13 - Airspace and Other Restrictions**

None.

A NOTAM will be issued for the site during the competition, so all measures will be taken to provide open and safe flight arena.

**14 - Safety Issues****Pilot reporting of safety.**

According to Section 7.

Pilots are requested to report through their Team Leader. The Team Leader will report them to the Meet Director.

In an event where the Team Leader is not present or unreachable, the pilot may report directly to the Meet Director

**Sprog settings**

A hall will be available for teams to do their own sprog measurements or use it for other glider repair/settings. The hall will be available from 16/07/2015 until 19/07/2015 (inclusive).

**Sign out/Landing forms**

In the interest of safety, Sign Out forms must be filled at headquarters or goal, after the task, even if the task has been stopped. Penalty points may be applied for failure to follow this rule.

**Medical services**

Throughout the competition a doctor and an ambulance will be available at take-off and landing areas. Local Search and Rescue Team will be ready to assist if a search is needed. For serious injuries, a helicopter will be available for fast transport to city hospitals.

## 15 - Pre- and Free-Flyers

According to Section 7.

Free-flyers will not be allowed to launch from 30 minutes before the window open until 30 minutes after the window close time.

## 16 - Live-tracking

The organization will use a live tracking system; details will be announced on the web site in due time. It will either be a system with SIM cards or live tracking devices.

In case of the first option, the organization will provide the SIM cards and the pilots will be responsible for using them in flight.

If the second option is used instead, the organization will provide the devices and the pilots will be responsible for using and carrying them in flight and giving them back – in good conditions – at the end.

Public display of live tracking will be delayed 10 minutes.

Team leaders and pilots acknowledge that using the live tracking information as a strategic aid to pilots is an unsporting behaviour.

## 17 - Scoring

Scoring will use the FS scoring program, using CIVL GAP 2015 scoring formula.

GPSDump will be used for track download and waypoint upload.

See <http://www.gpsdump.no/> for a list of GPS units that is working with GPSDump.

The primary source of scoring is GPS logs.

To be considered valid, the GPS track log has to comply with the current requirements in Section 7A of the FAI Sporting Code.

Any other source can be used as back-up, only if agreed by the MD.

### Nation task scoring

In Class 1, the scores of the three best-ranked pilots of each national team are added up to create each nation's task score.

In Class 5, the scores of the two best-ranked pilots of each national team are added up to create each nation's task score.

### GAP Parameters

For Class 1, they will be set at:

- Nominal launch: 96%.
- Nominal distance: 70 km.
- Minimum distance: 7 km.
- Nominal goal: 30%.
- Nominal time: 1:30.

For Class 5, they will be set at:

- Nominal launch: 96%.
- Nominal distance: 85 km.
- Minimum distance: 7 km.
- Nominal goal: 30%.
- Nominal time: 1:30.

GAP parameters will be discussed at the first Team Leaders' briefing.

### Early start

A maximum early start of 300 seconds is allowed, as it is considered as a safety feature in potential crowded environment. Early start is penalized in FS by a factor of 2 points per second of early start time. Early start of more than 300 seconds is scored as minimum distance.

## 18 - Penalties

According to Section 7.

Specific penalties (at the discretion of the Meet Director a lesser penalty may be applied in rare cases due to extenuating circumstances):

### **Cloud flying.**

1st offence: zero for the day.

2nd offence: expelled from the competition.

### **Dangerous and aggressive flying. Wrong turn direction**

1st offence: warning.

2nd offence: 100 points than doubling for every offence after that.

### **Flying without a Live-Tracker**

First offence: warning.

Second offence: zero for the day.

### **Aerobatics after reaching the goal line.**

1st offence: warning.

2nd offence: 100 points than doubling for every offence after that.

### **Too much ballast.**

1st offence: 100 points.

2nd offence: zero points for the task.

3rd offence: expulsion from the competition.

### **Downloading after the specified time:**

1st offence:  $P = W/10$  (100 points for a full valid task).

2nd offence:  $W/2$  (500 points on a fully valid task).

Further offence: score  $M$  (minimum distance score).

... unless a reasonable explanation is offered to the Meet Director. The opening time, closing time and location of scoring are to be stated clearly. Pilots will not be penalized in the event of excessive delays or technical difficulties with scoring.

### **Airworthiness non-compliance (including sprog setting)**

The normal penalty for non-compliance is a 20% reduction in score for the last round flown. If during a subsequent round the glider is again found to be non-compliant a 0 score will result for that round. At the discretion of the Meet Director a lesser penalty may be applied in cases due to extenuating circumstances.

### **Not following meet officials' directions, abusive behaviours towards meet officials or other pilots, dangerous flying, VOX use, maliciously showing the stopped task sign, reporting landed too late after the flight, etc.**

Penalties at the Meet Director's discretion.

## 19 - Complaints and protests

As per General Section and Section 7.

A complaint may be made to the Meet Director or his Deputy, preferably by the Team leader, in writing in English, to request a correction.

If the provisional results are published before 10 pm, complaints must be submitted before 08h30 the next day.

If the provisional results are published after 10 pm, complaints must be submitted before 12h00 the next day.

For the last competition task, complaints must be submitted at the latest 1 hour after the publication of the provisional results.

The time of the publication of results is the time the results are posted on the results board at headquarters

Complaints will be dealt with expeditiously.

If the complainant is not satisfied with the outcome, a protest may be made to the Meet Director or his Deputy, preferably by the Team leader, in writing in English, within 12 hours of the result of the complaint being published at the main Headquarters.

For the last competition task, protests must be submitted within 1 hour after the result of the complaint is published at the main Headquarters.

The protest fee is 50 Euros. It will be returned if the protest is upheld.

Complaint and protest deadlines are extended 24 hours if they are occurring on a rest day.

Team Leaders are encouraged to read Section 7 before making a complaint or a protest.