



AZ CUP 2018

28.4. – 7.5.2018

Aeroclub Zbraslavice

Local Procedures v1.0

March 2018



A. CHAMPIONSHIP DETAILS	4
A1. Location of the Event.....	4
A2. Time Schedule	4
A3. Organizer and Officials	4
A4. Addresses for Correspondence	5
A5. Bank Transfer Details.....	5
B. GENERAL COMPETITION RULES AND LOCAL PROCEDURES.....	6
B1. Documents applicable	6
B2. Championship Classes	6
B3. Validity of the competition.....	6
B4. Safety Rules	7
B5. Additional Safety Rules.....	7
B5.1 Control Point File Format	7
B5.2 Use of Sporting Limits and Contest Area Altitude Limit	7
C. ENTRIES	8
C1. Entry Fee.....	8
C2. Launch Fee.....	8
C4. Total Number of Allowable Entries	8
C5. Registration	8
C6. Documents required.....	9
D. TECHNICAL REQUIREMENTS	10
D1. Mandatory additional equipment	10
D2. Instruments which must be removed from the glider or deactivated.....	10
D3. Procedures for checking aircraft take-off mass	10
E. GENERAL FLYING PROCEDURES	11
E1. Units of measurement.....	11
E2. Radio frequencies to be used during the competition.....	11
F. COMPETITION PROCEDURES	12
F1. Control Procedures.....	12
F2. Contest site boundaries.....	12
F3. Launch procedures for gliders and motor gliders	12
F4. Maximum altitude of climb after self-launch.....	12
F5. Inflight procedures for motor gliders	12
F6. Release zones and release heights.....	12
F7. Areas where continuous circling is prohibited or permitted in one direction only	13

F8.	Start Geometry.....	13
F9.	Radio procedures for announcing the start	13
F10.	Conditions for closing the start line	13
F11.	Instructions for real outlandings	13
F12.	Provision of, and requirements for aero tow retrieves.....	14
F13.	Finish options to be used	14
F14.	Minimum altitude for the finish ring.....	14
F15.	Finishing procedures	14
F16.	Closing the finish	14
F17.	Landing procedures	14
F18.	Handling of flight document.....	15
G.	SCORING.....	16
H.	COMPLAINTS AND PROTESTS	16
H1.	Protest period.....	16
H2.	The value of the protest fee	16
I.	FINAL PROVISIONS.....	16

A. CHAMPIONSHIP DETAILS

Name of the event: **AZ CUP 2018**
Zbraslavice, Czech Republic 2018

A1. Location of the Event

Name of the airfield **Zbraslavice Airfield**
ICAO code of the airfield **LKZB**
GPS location of the airfield **49°48'51"N 15°12'06"E**
Elevation of the airfield **1618 ft / 493 m**
Runway (RWY) **150°/330° (780x150 m, grass)**
Frequency (FREQ) **126,630 Mhz**

Google Maps URL of location **<https://goo.gl/maps/Rz8aGmT57F42>**

A2. Time Schedule

Entries due	31 March 2018
Start list closure	15 April 2018*
Deadline for class change	27 April 2018
Registration period	27 to 28 April 2018 (Sat until 10:00)**
Safety briefing	27 April 2018 20:00**
Official opening and first briefing	28 April 2018 10:00**
Contest flying period	28 April to 7 May 2018
Reserve day	8 May 2018 (Czech national holiday)
Prize giving and farewell party	7 May 2018***

*Competitor will be included in the start list once his entry fee is paid.

**Exact times could be changed. If so, it will be specified on the competition website.

*** In case of flying on reserve day, prize giving will take place on 8 May 2018.

A3. Organizer and Officials

<i>Organizing aeroclub</i>	Aeroclub Zbraslavice
<i>Competition Director</i>	Martin Mezera
<i>Deputy Competition Director and org. committee</i>	Jan Hýla
<i>Chief Scorer</i>	Radka Moravcová
<i>Meteorologist</i>	Jan Horák
<i>Task Setters</i>	Martin Mezera Jan Horák

Webmasters

Barbora Moravcová

Petr Filip

Jury

will be specified

A4. Addresses for Correspondence

Postal address

Aeroklub Zbraslavice, z.s.

Letiště č.p. 252

285 21 Zbraslavice

E-mail

b.moravcova@zbraslavice.cz (for

English correspondence only)

Webpage

<http://www.azcup.cz>**A5. Bank Transfer Details**

Account holder name: Aeroklub Zbraslavice

Address of account holder: Aeroklub Zbraslavice, z.s.

Letiště č.p. 252

285 21 Zbraslavice

Name of Bank: Česká spořitelna a.s.

Address of Bank: Prague 4, Olbrachtova 1929/62, 14000, Czech Republic

Account Number (IBAN): CZ28 0800 0000 0019 1672 2243**SWIFT CODE: GIBACZPX**

Please indicate the names of the competitors in the comment field at money transfer.

Organizer accepts credit/debit cards for payments at the airfield.

B. GENERAL COMPETITION RULES AND LOCAL PROCEDURES

B1. Documents applicable

- Sporting Code General Section V1.3 (actual version published)
- Sporting Code Section 3. (actual version published)
- Sporting Code Section 3a. (actual version published)

B2. Championship Classes

AZ CUP 2018 will be held in following classes: **Club Class, Combi Class and Duo Combi Class.**

Club class (with handicap)

Club class is open only for gliders included in the CZ index list (CZIL) valid for the year 2018. Club class is open only for gliders with handicap of maximum value **108,8 (Discus 2a/15m)** according to CZIL only. Competition tasks will be set for handicap 98,6 (Cirrus Std.). Minimum handicap allowed is 95,1 (VSO-10). Water ballast is not allowed.

Minimum number of pilots in the class is 10. Determining is the number of competitors who enter this class during registration.

Combi class (with handicap)

Combi class is open only for gliders included in the CZ index list (CZIL) for the year 2017. Competition tasks will be set for LS 8 18m with water ballast (handicap 116,5 according to CZIL) Water ballast is allowed.

Minimum number of pilots in the class is 10. Determining is the number of competitors who enter this class during registration. If the number of pilots in Combi class will not reach minimum of 10, the competition will be opened in one class only, with no water ballast allowed and tasks will be set for ASW-19 (handicap 100,2 according to CZIL).

Duo Combi Class (with handicap)

Duo Combi class is open only for two-seater gliders included in the CZ index list (CZIL) valid for the year 2017. Changing the crew (both pilots) is not allowed during the competition. Competition tasks will be set for Duo Discus with water ballast (handicap 111,0 according to CZIL). Water ballast is allowed.

Minimum number of pilots in the Duo Combi class is 8. Determining is the number of crews which enter this class during registration. If the number of pilots in Duo Combi class will not reach minimum of 10, the crew will be allowed to fly in Club or Combi class.

B3. Validity of the competition

For validity of the contest stand all regulations contained in valid **Sporting Code.**

In order that a Day may be counted as a valid Competition Day in any class, for each class, more than **25 %** of the competitors, who have made a competition launch on that Day, shall have flown a Marking Distance of at least Minimum Handicapped Distance (after any handicapping is applied), which is **100 km.**

The competition is valid only if at least **3 valid Competition Days** take place during the Contest flying period.

B4. Safety Rules

- Competitors must comply to **VFR** flying (Visual Flight Rules).
- Cloud flying is prohibited. All instruments allowing cloud flying must be disabled.
- During the flight, competitor is required to avoid all airspaces which are designated as prohibited, restricted or controlled in current aerial map **ICAO**, except those which are announced by organiser in Task Sheet for the actual Competition Day.
- Minimal height of the flight during the final turn is **50 m AGL**.
- At the briefing may be laid down additional rules adjusting safety of the flight operations.
- Dangerous manoeuvres and hazardous flying will be penalized according to valid **Annex A section 8.7** (List of Approved Penalties) and section 1.41 of those **Local Procedures**.
- Gliders must keep continuous descent profile on whole part of approach after crossing the Finish Ring.

B5. Additional Safety Rules

All necessary additional safety rules for each championship day will be announced at the briefing for the day. Such safety rules are considered to be part of the Local Procedures and will be provided in written form on the task sheet if appropriate.

In the case of a serious accident, a competitor who observes or becomes aware of the accident shall immediately communicate the information to the competition director directly or through other competitors and carry out any action useful for the rescue. If the accident implies rescue action by one or more competitors, the competition director, once informed of the fact, will announce the cancellation of the task by radio.

B5.1 Control Point File Format

The official Control Point file [start, finish and turn points] will be published on the official competition website in SeeYou (cup).

B5.2 Use of Sporting Limits and Contest Area Altitude Limit

The controlled airspace file will be published at the site <http://www.azcup.cz> in Open Air format. The airspace may be published in other formats, but the official format is Open Air format.

Entry into the published forbidden airspace will be penalised according to the list of approved penalties in SC3a 8.7. ranging from outlanding to disqualification.

C. ENTRIES

C1. Entry Fee

Entry Fee is **120 EUR*** per participating pilot and shall be paid until the deadline (16 April 2018) using the information provided in section Bank Transfer Details. **Please indicate names in the comment field of the wire transfer order.**

The amount sent in excess of the Entry Fee will be credited to a competitor's account – each competitor is required to have positive account status before each launch. Competitors will be informed about their account balance continuously. At the end of the competition a final billing will be made with each competitor.

In case of entry cancellation until 27 April 2018 22:00, the entry fee will be refunded in full. After this deadline the entry fee will not be refunded at all.

Entry Fee per pilot: 120 EUR*

*Prices may be slightly changed due to actual exchange rate. Entry fee is 3000 CZK.

C2. Launch Fee

Aerotow to 600 m AGL fee: 25 EUR* Club class, 28 EUR* Combi classes

*Prices may be slightly changed due to actual exchange rate. Price for aerotow to 600 m AGL is 600 CZK for Club class and 650 CZK for Combi classes.

At Registration, it is recommended to pay few launches in advance. Unused launches will be refunded in full.

C4. Total Number of Allowable Entries

Total number of allowable entries shall not exceed 90 in total. If the number of entries exceeds 90, the Organiser may decline the acceptance of those competitors, who sent their entry after reaching the total number. Removal of pilots from the start list would be made according to the order of entry fee payment.

C5. Registration

Entries will be accepted only online via official [entry forms](#) published on official website of the competition. Incomplete entry forms or those containing inaccurate information, which will not be updated, will not be accepted. Competitor will be included in the start list once his entry fee is paid.

All competitors are required to show all required documents at the registration desk.

C6. Documents required*For Pilots:*

- Valid Pilot Licence including Medical Certificate Class II.;
- Valid radiotelephone operator license (if used by the country of registration);
- Flight logbook;
- Passport or other personal ID;
- Documentary proof of insurance, or medical insurance cards
- Proof of qualification regarding hours and badges

For a glider:

- Flight logbook of the plane;
- Valid Certificate of Airworthiness or Permit to Fly;
- Valid Airworthiness Review Certificate;
- Certificate of registration;
- Valid glider radio licence (if used by the country of registration);
- Parachute with valid re-packing at least until the end of the contest period;
- Valid Maintenance program and maintenance certificate;
- Valid Confirmation of maintenance
- Third Party Insurance Cover (Annex A Section 3.6.1) valid at least for the contest period
Third Party Liability Insurance Certificate meeting the requirements of EC Regulation 785/2004 is required for each participating glider. Minimum coverage for MTOW up to 500 kg 750.000 SDR (approx. 870.000 EUR), for MTOW above 500 kg to 1000 kg 1.500.000 SDR (approx. 1.800.000 EUR).

D. TECHNICAL REQUIREMENTS

D1. Mandatory additional equipment

All instruments, PDA, GPS navigators, etc., must be firmly mounted in the glider in such a way that the pilot's vision is not affected.

GNSS flight recorders must fulfil all requirements contained in Annex A. List of approved GNSS FR is available on the FAI official website. A valid calibration certificate, which is not older than 5 years, must be provided for each GNSS FR.

No high visibility markings are required but are highly recommended.

The installation and use of a proximity warning system (**FLARM**) is highly recommended. [OGN](#) registration will be welcomed.

AERIAL MAP:

Each competitor must be equipped with the actual aerial map with valid ICAO situation of the Czech Republic including all airspaces and other important information for the air traffic. Aerial map will be provided during a registration.

OXYGEN:

Not required.

EMERGENCY LOCATOR BEACONS:

Pilots are highly recommended to carry an ELB, EPIRB, Spot or similar satellite location device.

GSM COVERAGE:

There is good phone coverage over the task area with 4G/LTE available.

D2. Instruments which must be removed from the glider or deactivated

Following instruments shall not be carried on board:

- Böhli, Schanz, KT1 or another gimballed compass
- Turn indicator
- Artificial Horizon

Software artificial horizons integrated with FR (fly computers) must indicate in their IGC files that AH function is disabled.

Any further instruments not allowed may be specified at briefing.

D3. Procedures for checking aircraft take-off mass

Glider mass must not exceed Maximum certificated Takeoff Mass (MTOM) according to Type Certificate Data Sheet respecting the establishment in section 4.2 in Annex A.

With the exception of separate competition classes Combi and Duo Combi (with allowed water ballast for both classes), gliders must not exceed the MTOW during the competition.

The Organizer may establish regular weighing to check MTOW prior each competition day (will be specified).

E. GENERAL FLYING PROCEDURES

E1. Units of measurement

Unless otherwise stated, the following units will be used:

Distances	Kilometres (km)
Heights	Meters or Feet Above Ground Level (AGL), altimeter setting for QFE
Altitudes	Meters or Feet Above Mean Sea Level (MSL), altimeter setting for QNH
Flight Levels	Feet (FL), Altimeter setting for 1013.25 hPa
Speed	Kilometres per hour (km/h).
Vertical speed	Meters per second (m/s)
Mass	Kilograms (kg)
Tracks & radials	Degrees from True north

E2. Radio frequencies to be used during the competition

For the competition the following frequencies will be used:

ZBRASLAVICE RADIO (FREQ 126,630 MHz) – for all airport operations at the contest site including marshalling, launch, finish, landing, return to tie down and for advising start gate opening and other official announcements.

F. COMPETITION PROCEDURES

F1. Control Procedures

Rule 5.4d will be implemented for motorgliders, regardless of the type of power plant. In particular, competitors with jet or electric engines must provide evidence of MoP detection to the satisfaction of the organisers for each Flight Recorder to be used for scoring according to Annex A 5.4b and 5.4d. Sealing of engine doors may be used as verification that the engine was not used. The pilot must present it before the first competition launch and have the seal signed by an official. At the end of the flight the glider must be towed directly to an allocated location to have the seal checked. If the seal is broken then the glider is assumed to have used the engine.

F2. Contest site boundaries

The contest site boundaries are the airfield boundaries. Maps will be available in Self-briefing presentation on the competition website.

F3. Launch procedures for gliders and motor gliders

Launch pattern and release zones will be published on the competition website in Self-briefing presentation.

All motorgliders must follow a path that enables them to stop their engine at the specified height within the nominated release zone. Penalties will be applied on order of 25 points per km outside the release zone.

According to Annex A 5.4d, all motorgliders to be launched by aerotow must carry out the MoP procedure. (See Annex A 5.4d.) All motorgliders to be launched by aerotow must carry out this procedure only in the release zone. Penalties will be applied on order of 25 points per km outside the release zone.

Release zones will be published on the official championship website in See You (cup).

F4. Maximum altitude of climb after self-launch

Motor-gliders, after self-launching, must stop their MoP not higher than 600 m AGL, in the release zone of the appropriate class.

F5. Inflight procedures for motor gliders

Motor gliders that require a second (or even third) launch must land prior to taking the new launch. A new launch has to be approved by the organisers on the frequency (ZBRASLAVICE RADIO).

F6. Release zones and release heights

The release zones of each class will be announced at the daily briefing. The release height is 600 m AGL.

F7. Areas where continuous circling is prohibited or permitted in one direction only

There is no requirement to circle in a set direction other than normal rules of the air which requires circling in the same direction as gliders already in the thermal.

F8. Start Geometry

The Start Option for the competition is a Start Line. A straight line, perpendicular to the track to the first Turn Point or to the center of the first area. Length of the line will be 15 km (7,5km diameter).

F9. Radio procedures for announcing the start

For announcing the start on the competition frequency following phrases (repeated once) will be used:

The start line for the (xxx) class will be opened in 20 minutes at (time hh:mm)

Start time will be determined as soon as possible after the take-off of the last glider in the class, which was in its specified grid position on time.

The start line for the (xxx) class will be opened in 10 minutes.

Announced 10 minutes before the opening of the start line for the class.

The start line for the (xxx) class will be opened in 5 minutes.

Announced 5 minutes before opening of the start line for the class.

The start line for the (xxx) class is now open(ed).

Announced just after the opening of the start line for the class.

The start line for the (xxx) class is delayed for (number) minutes.

Announced as soon as possible but earlier than the 10 minute warning of the start line being opened.

The start line for the (xxx) class is cancelled.

Announced as soon as possible after the cancellation of the day.

F10. Conditions for closing the start line

If the start time is limited, it will be announced at briefing and specified on the task sheet. Start time would be limited only in exceptional cases and would not be applied ordinarily.

F11. Instructions for real outlandings

A competitor, who has landed out, should inform the Organiser immediately and provide information about exact location, coordinates and time of landing.

Each competitor retains a transport back to the airfield individually.

F12. Provision of, and requirements for aero tow retrieves

Aero tows from fields are permitted if the sailplane has landed on a suitable field. All aero tow retrieves must be provided and arranged by the organiser.

F13. Finish options to be used

The finish will be a Finish Ring of Radius 3 km or as specified at briefing.

F14. Minimum altitude for the finish ring

The minimum height for crossing the Finish Ring is 600 m AMSL or as specified at briefing.

F15. Finishing procedures

Arrivals must be announced on the ZBRASLAVICE RADIO frequency 126,630 MHz. The following phrases shall be used at the place specified at briefing:

Zbraslavice RADIO, (Competition number), tenth kilometer

Zbraslavice RADIO, (Competition number), fifth kilometer, (direct landing/speed finish)

Preferred landing will be a "Direct landing" to the allocated runway.

Gliders with more energy may elect to do a "Speed finish" followed by a circuit to the nominated runway. The procedures for joining the circuit of the runway in use for speed finishers will be specified at the briefing. Completing a circuit which comes into conflict with the "Direct landing" traffic will be penalised as a safety breach.

The flight trace must not show excessive pull ups or dives from 10km to landing. Excessive manoeuvres will be penalised as a safety violation at the discretion of the Championship Director and according to list of penalties in Annex A.

F16. Closing the finish

The finish ring will be closed at the end of legal daylight or when all competitors are accounted for.

F17. Landing procedures

The landing frequency is the same as the finish frequency – 126,630 MHz. Gliders landing straight in shall, during landing, proceed according to the instruction provided at briefing or received from finish officials on the airport frequency. The aim is that the first finishing gliders shall normally continue as long as possible landing to allow other gliders to land safely behind and to use as much runway as possible. Any sudden change in direction of flight during the landing procedure is strictly prohibited. Violations will be penalized. Landing instructions for gliders landing following a circuit will be specified at the briefing.

After landing pilots should transport their gliders away from landing strip individually as soon as possible to free up landing space.

F18. Handling of flight document

All flight documentation, including FR logs, shall be submitted after landing at the airfield within 60 minutes. Back-up documentation shall be handed in within 60 minutes after the pilot was notified. In case a competitor submits back-up documentation without any request from the scorer, a competitor is required to advise scorer about this change in advance. Non-compliance may be penalized according to Annex A.

Competitors are expected to download their FRs themselves and deliver the IGC file in secure mode via online check-in.

A valid FR log must be submitted for each flight flown on each day flown. Failure to submit a FR log may incur a penalty. If a flight log is not submitted for a flight it will be presumed that the glider infringed legal airspace and the appropriate penalty will be applied.

G. SCORING

The scoring system for the competition will be:

- 1000-Points Scoring System.
- SeeYou ver. 9 (or higher) will be the official scoring software.

Penalties will be imposed in accordance with the appropriate list of penalties stated in Annex A section 8.7.

Offences not covered by the list of penalties may be penalized at the Championship Director's discretion.

H. COMPLAINTS AND PROTESTS

H1. Protest period

A protest may be filed only against unofficial results.

The protest period expires 14 hours after the publication of unofficial results. After the expiration of the protest period, unofficial results become official.

The protest period expires 90 minutes after the publication of the final scores on the last competition day.

H2. The value of the protest fee

The value of the protest fee is 500 CZK.

I. FINAL PROVISIONS

By sending the Entry Form for AZ CUP 2017, competitors:

- affirm, that they know and understand valid FAI Sporting Code (Section 3 Gliding - edition 2016 resp.2017and Annex A),
- affirm, that they are familiarized with all competition documents published on the competition website,
- affirm, that they understand all requirements of these Local Procedures published for AZ CUP 2018 and they commit to adhere them,
- agree with publishing their names, aeroclubs, qualifications and results or other personal information in connection with AZ CUP 2018 in information media.

- END -