

Aeroklub Zbraslavice z.s.
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Local Procedures

AZ CUP 2016

www.azcup.cz

First competition of the gliding season is organized by

Aeroclub Zbraslavice ®



1. Local procedures

1.1. Binding provisions

The competition is organized in accordance with the **FAI Sporting Code (Section 3 Gliding - edition 2014, Annex A)** in current versions.

This document – **Local procedures** are supplement of valid **Annex A** to **section 3** of **FAI Sporting Code** and its czech translation.

A. Championship details

1.2. Name of the event

AZ Cup 2016

1.3. Location of the airfield

Zbraslavice Airfield	LKZB
Latitude	49°48'51" N
Longitude	015°12'06" E
ELEV	493m/1617 ft
RWY	150°/330° (780 m x 150 m, grass)
FREQ	126,625 MHz
FREQ of the competition	126,625 MHz

1.4. Time schedule

Entries due:	13.3.2016
Entry fee due:	13.3.2016
Class and configuration change close:	13.4.2016
Registration:	13.4.2016 (Wed) from 14:00 until 20:00
First pilots' meeting:	13.4.2016 (Wed) at 20:00
Official opening + first daily briefing:	14.4.2016 (Thu) at 10:00
Contest flying:	14.4.2016 (Thu) – 23.4.2016 (Sat)
Farewell party:	23.4.2016 (Sat) from 20:00
Closing ceremony and prize-giving:	23.4.2016
Departures:	24.4.2016

By prior agreement organizer offers to use the airfield for training before the competition.

1.5. Address for Correspondence and Entries

Address: **Aeroklub Zbraslavice**
Letiště č.p. 252
285 21 Zbraslavice

Competition website: <http://www.azcup.cz>

Phone number: (+420) 327 591 286

Phone GSM: (+420) 602 954 478

Fax: (+420) 327 591 286

E-mail adress: info@lkzb.cz (Aeroclub Zbraslavice)
vlp@lkzb.cz (Competition director)

Website of the aeroclub: www.lkzb.cz

Bank account: IBAN: CZ 0208000000000441214389
SWIFT code: GIBACZPX

1.6. Organisers and officials

Organiser: Aeroclub Zbraslavice

Chairman of the organizing staff: Jan Hýla

Competition director: Martin Mezera

Scoring office: Jirka Cihlář, Radka Moravcová

Task setter: Martin Mezera, Honza Horák

Competition office: Monika Mezerová

Webmaster: Bára Moravcová

Meteorologist: Honza Horák

1.7. Jury

Jury president: to be specified later

Jury members: to be specified later

B. General**1.8. Competition targets**

- Training for the Nationals and other competitions organized in 2016
- Support and promotion of gliding in the Czech Republic
- Joy of gliding
- Social gathering

1.9. Competition classes

- Club class (with handicap)
- Combi class (with handicap)
- Duo Combi class (with handicap)

1.9.1. Club class (with handicap) – EAGLES (A) and SWANS (B)

The competition in **Club** class is open only for gliders included in the CZ index list ([CZIL](#)) valid for the year 2016.

The competition in **Club** class is open for all gliders with handicap of maximum value **108,8 (Discus 2a/15m)** according to [CZIL](#) only.

Competition tasks will be set for **Cirrus Std.**

Water ballast is **not** allowed.

1.9.1.1. Club class (with handicap) – EAGLES (A)

Competition index for this class is 0,9.

1.9.1.2. Club class (with handicap) – SWANS (B)

This class will be opened only in case of at least 15 applicants - pilots.

Each pilot who is interested in participating in this class have to inform the Organiser until **15.2.2016** via email adress vlp@lkzb.cz.

Competitors in this class will have shorter and less difficult tasks. In case of problematic and questionable weather the task will be discussed really carefully.

Competition index for this class is 0,6.

If there is less than 15 pilots interested in participating in this class, only *Club class - EAGLES (A)* will be opened. In this case all pilots from *SWANS (B)* have a chance to decide whether to fly in *EAGLES (A)* or not. This will be discussed individually with each pilot from *SWANS (B)* via email.

1.9.2. Combi class (with handicap)

The competition in **Combi** class is open only for gliders included in the CZ index list ([CZIL](#)) for the year 2016.

Competition tasks will be set for **LS 8 18m** with **water ballast** (handicap **116,5** according to **CZIL**)

Water ballast is allowed.

1.9.2.1. 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 acc. 1.9.2.1., 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**)

1.9.3. Duo Combi class (with handicap)

The competition in **Duo Combi** class is open only for two-seater gliders included in the CZ index list (**CZIL**) valid for the year 2016.

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.

1.9.3.1. Minimum number of pilots in the class is 10

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 acc. 1.9.3.1., the competition will be allowed to fly in **Club** or **Combi** class.

1.10. 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 (**14.4.2016 – 23.4.2016**).

1.11. Additional 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 dangerous, 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 **50m 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

C. Competitors

1.12. Entry fee

Entry fee is **2700 CZK** for all competitors. Crew of double seater glider is counted as one competitor.

Entry fee must be paid till **13.3.2016** by bank transfer to the account of the **Aeroclub Zbraslavice** (section 1.5 of those Local Procedures).

As a payment identification competitors give their name and date of birth (dd.mm.yyyy). It is used to identify the payment of each competitor.

Entry fee is used to cover organizational expenses.

If competitor **cancels** his or her participation (and has already paid the Entry fee) **until 13.4.2016 20:00 (when the registration ends)**, the Entry fee will be refunded in the **full amount** (not included bank fees).

In case of cancelation **after 13.4.2016 20:00 the Entry fee is not refunded.**

Every competitor will have his/her own **personal account**. Competitors will be continuously informed about the financial status of their account. Final statement of account will take place before the end of the competition with each competitor.

Every competitor is obliged to maintain positive balance on his/her account. In case of negative balance a competitor may not have been given a chance for competition flight.

If the competitor sends financial amount in excess of the Entry fee, this financial amount will be automatically scored up to his/her personal account.

1.13. Total number of allowable entries

Capacity constraints of the airfield is **90** competition gliders.

Entries of all competitors will be accepted in order of the date of receipt the Entry Fee.

In case of higher number of entries Organiser can refuse participation of those competitors, who sent their entry form/Entry Fee after achieving capacity constraints.

1.14. Entries and local procedures

Entries will be done by completing and submitting the required data in the electronic application form, which is available on the website of the competition – www.azcup.cz .

Local procedures are also available on the website of the competition – www.azcup.cz

Entry and payment of the Entry fee must be done until 13.3.2016.

1.15. Competitor's documents

1.15.1.

During registration, each competitor is required to have valid and full following personal documents:

- 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 (only for foreign competitors)

1.15.2.

During registration, each competitor is required to have following documents for the glider:

- Flight logbook of the plane;
- Valid Certificate of Airworthiness or Permit to Fly;
- Third party insurance certificate for the sailplane (valid at least until 23.4.2016);
- Certificate of registration;
- Valid glider radio licence (if used by the country of registration);
- Parachute with valid re-packing at least until 23.4.2016;
- Valid Maintenance program;
- Valid Confirmation of maintenance

D. Technical requirements

1.16. Control procedures

Flights shall be controlled by GNSS Flight Recorders (FR). Two FRs may be used. One being designated to the Organisers as the primary recorder and the other one as a back-up.

1.16.1. Primary flight recorder

Flights shall be controlled by **GNSS** Flight Recorders (**FR**) fulfilling all requirements contained in Annex A, section 5.4. List of approved GNSS FR is available on the **FAI** official website <http://www.fai.org/gliding> under the link GNSS FR. Competitors must have all necessary cables and software to download their FR. It is possible to send IGC files via the website of the competition or by e-mail. Manipulation with GNSS FR is described in section 1.37 of those Local Procedures and will be specified during the First meeting of the participants (**13.4.2016**).

1.16.2. Back-up flight recorder

Back-up flight recorder may be used. As a back-up flight recorder may be used only **GNSS FR** according to section 1.16.1. of those Local Procedures.

1.16.3. Height control and flight continuity

A valid calibration certificate, which is not older than 5 years, must be provided for each GNSS FR.

1.17. 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 available at competition office for EUR xxx – on request and pre-order.

1.18. Instruments

All flight instruments and devices allowing to fly without ground reference must be removed from the glider or its function must be provably disabled.

1.19. Requirements on the anti-collision marking

Reflective anti-collision marking on competition gliders is recommended.

1.20. Procedures for checking aircraft 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.

E. General flying procedures**1.21. Units of measurement**

Official time of the competition:	Central European Summer Time, CEST (GMT + 2)
Speed:	km/h
Windspeed:	m/s
Vertical speed:	m/s
Altitudes:	m, FL (x 100 ft)
QFE:	m (AAL)
QNH:	m (AMSL)
Altitude:	ft (AMSL)
Flight Level:	FL (x 100 ft) (altimeter at 1013,25 hPa)
Distance:	m, km

1.22. Radio frequencies and radio correspondence

Air traffic information (RADIO) will be available at **126,625 MHz**.

Competition director, starting procedures, finish ring/circle, etc. available at **126,625 MHz**.

Organiser may prohibit certain frequencies for communication during competition flights. Those frequencies will be laid down at the first briefing.

F. Tasks**1.23. Tasks Types**

The following task types will be used during **AZ CUP 2016**:

- **Racing Task**
- **Assigned Area Task**

G. Competition procedures

1.24. Contest site boundary

Boundary of the airfield is defined by roads and rural roads in the neighbourhood. The boundary is graphically depicted in Selfbriefing (available in section Documents at www.azcup.cz).

1.25. Competition area

Border of the competition area will be specified during the first pilots' meeting and will be included in the Airspace file.

1.26. Airspace

To check airspace violation, chief scorer will use official file with Czech airspace made by Gliding commission of the Aeroclub of the Czech Republic valid for 2016. Those files will be published before the competition at the official competition website.

1.27. First pilots' meeting

The first official pilots' meeting will be held on **13.4.2016** at **20:00**, In order to specify rules of the competition and to enlight the way of organisation and local procedures. Attendance is mandatory for all participants.

1.28. Briefing

Briefing will be usually held at **10:00** every day. During briefing all necessary information about the Daily task, meteorological situation, all restrictions relevant to actual airspace situation and other information are given to competitors.

Time of the briefing may be always set up according to actual situation. This change will be announced to all competitors in advance.

Attendance to daily briefing is mandatory for all pilots. Exceptions are permitted by the Competition Director.

1.29. Water ballast

Organiser will establish areas with hoses for filling the water. To speed up the procedure it is recommended to have your own canisters.

1.30. Grid

Competitors transport their gliders to grid individually following the instructions of the Organiser.

Competition gliders must be ready on grid before closing the time period specified for each day by the Organiser. If any glider is late, Organiser can forbid the competitor to place the glider on the grid until all launches take place safely.

Free „gridding“ will be used i.e. gliders will be placed on the grid from behind of the grid according to order how they came. Competition classes will be separated.

Discharging water ballast is not allowed on the grid.

When launches are confirmed all cars, bicycles and other devices shall be removed from the grid and the runway without delay. During transporting the gliders and moving on the runway, all cars must switch the lights on.

1.31. Aerotows

Release altitude will be **600m AAL**. For **Club** class one aerotow costs **600 CZK**, for **Combi** and **Duo Combi** one aerotow costs **650 CZK**.

Competition gliders will release in designated release area, when the tow plane rocks the wings.

Early release is prohibited except releasing due to safety.

Each competitor can make only 3 competition launches during each Competition Day.

1.32. Launch procedures for motor gliders

Motor gliders participating in any competition class must have fully functional instrument for ENL recording.

During the first Competition Day all motor gliders must prove their ENL recording according to procedure which is described in Annex A section 5.4d. During all Competition Days IGC files of those motor gliders must clearly show, that ENL function is enabled, so the pilot did not used the engine on task.

1.32.1.

Self-launching gliders shall use same launch patterns as tow planes. Engine shall be shut down in designated release area below the release altitude.

1.32.2.

In case of demanding next competition launch, the motor glider must land at the competition airfield without switching on the engine.

1.32.3.

Competition flight is considered as terminated at the place, where the engine was switched on.

1.33. Start options

For starting will be used Start option described in Annex A section 7.4.2a. Start Line is a straight line, **7,5** km long to each side from the Start Point (the midpoint of the Start Line), perpendicular to the course to the first Turn Point, or the centre of first Assigned Area.

Each competition class will have different Start Lines.

The Start will be opened 20 minutes after a launch of the last glider in valid order.

1.33.1. Altitude procedures for the starts

Organisers may announce maximum altitude before the Start expressed in meters QNH. The Organiser may eventually limit the Ground speed for reaching the Start Line.

1.33.2. Radio procedures for announcing start line opening

Time of opening of the start line will be announced on frequency **126,625 MHz**. The announcement will be repeated 4 times - immediately after the launch of last glider in valid order in the class, 5 minutes before start line opening, 1 minute before start line opening and at the time of start line opening.

Communication of start times will not be required.

1.33.3. Using of Event Marker is not required.**1.33.4. The time period between departures is not established.****1.34. Finishing**

For Finishing will be used **Finish Ring**, a procedure described in Annex A section 7.7.2a.

Finish Ring is a circle of **3 km** radius, around the Finish Point encompassing the contest site and the landing circuits. Minimum altitude for reaching the Finish Ring is **550m AMSL**. Maximum altitude for reaching the Finish Ring is not specified.

After crossing the Finish Ring pilots are requested to avoid aggressive manoeuvres and perform a generally continuous descent to the landing.

Competition flight ends when the competitor reach the Finish Ring. Low passes above the airfield after finishing could be considered as dangerous flying.

Finish Ring is shown in SELF BRIEFING.

1.35. Finish and landing procedures

When reaching 10 km to the airfield on final glide, competitor shall report it on frequency 126,625 MHz stating "Zbraslavice RADIO", his competition ID and distance to go. The competitor will receive information about actual situation at the airfield, wind velocity, etc.

Competitor has to decide what to do after reaching Finish Ring:

- Direct (straight-in) landing – competitor must announce **long final** after reaching the Finish Ring and **short final** close to the runway before landing
- Pilot deciding not to perform direct landing shall perform safe approach manoeuvre and line up to the traffic pattern announcing position before 3rd turn and then short final.

For any radio correspondence competitors should use their competition ID.

Every glider has to make a long landing to avoid blocking of the runway for other gliders on approach as the airfield has limited dimensions. Any area of the airfield can be used for landing.

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

1.36. Handling of flight documentation

Flight recorder files (IGC files) shall be delivered to Scoring Commission within 30 minutes after landing. Competitor should send the IGC files via competition website or e-mail. If a competitor has any doubts about IGC files from the primary GNSS FR, the competitor may deliver the files from backup device and notify the Scoring Commission.

After an outlanding files shall be delivered immediately after returning to the airfield.

Delays may be penalized according to the **List of Approved Penalties** in Annex A section 8.7.

1.37. Outlanding

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

Each competitor retain a transport back to the airfield individually.

1.37.1. Provision of and requirements for aerotow retrieves

Organiser can provide aerotow retrieves in cost of **90 CZK per minute of the flight**.

Competitor may also use services of the airfield where he/she landed. However, a competitor must inform the Organiser by telephone. During the arrival, competitor shall report on competition frequency that it is an aerotow retrieve and then lining up to the traffic pattern.

If competitors with motor gliders switch on the engine, they shall report it on competition frequency during finish procedures.

Organizer does not settle liabilities for services provided at other airports.

H. Scoring system

1.38. Scoring system

The competition **AZ CUP 2016** will be scored according to the **1000-Points Scoring System** described in Annex A section 8.1

1.39. Penalty list

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

1.39.1.

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

I. Protests

1.40. Potest 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.

1.41. Protest Fee

The amount of protest fee is 500 CZK.

2. Prices and services

(which are not stated in section 1. of those Local Procedures)

2.1. Camping and accommodation

The Organiser will provide the possibility of accommodation in the campsite in cost of **120 CZK/person/day**. Electric connection is included in the cost.

Children under the age of 10 will be accommodated for free in the campsite.

The Organiser offers 20 beds in the airfield hostel in cost of **150 CZK/person/day**.

Each competitor is obliged to report all residents older than 10 years. The Organiser recommend to use gas heating appliances to ensure fluent and failure-free operation of electrical network in the campsite.

There is also possible to find accommodation in the neighbourhood. Hotel Hubert in Zbraslavice (www.hotel-hubert.cz), Pančava Mill approximately 1km away from Zbraslavice (http://www.zivefirmy.cz/penzion-mlyn-pancava_f1322960), Hotel Agnes *** approximately 4km away from Zbraslavice (www.agneshotel.cz), Recreational and sport area at the Old Pond (500m away from the airfield runway) www.zbraslavice.eu

In case of your interest, please, contact the Organiser (info@lkzb.cz), who can ensure the accomodiation in those hotels collectively with a chance of discount.

2.2. Catering

The Organiser may ensure some meals (breakfast, snack, dinner, choice of two or three hot meals) in the local aeroclub restaurant. It is possible to order each meal separately.

2.3. Hangaring

Aeroclub Zbraslavice is able to ensure place in the aeroclub hangar for maximum of 15 competition gliders. This capacity will be provided preferably for gliders without its own trailer and then according to the time of sending the entry form (including the payment of the entry fee).

3. Final provisions**3.1. By sending the Entry Form for AZ CUP 2016, competitors:**

- affirm, that they know and understand valid FAI Sporting Code (Section 3 Gliding - edition 2016 and Annex A),
- affirm, that they are familiarized with documents stated in section 1.1 of these Local Procedures,
- affirm, that they understand all requirements of there Local Procedures published for AZ CUP 2016 and they commit to adhere them,
- agree with publishing their names, aeroclubs, qualifications and results or other personal information in connection with AZ CUP 2016 in information media

3.2.

Results and information connected with the competition will be published at www.azcup.cz. We recommend to monitor the webpage regularly to all competitors.

4. Supplements

On the official webpage of the competition in section Documents you can find Pdf presentation called SELFBRIEFING which contains graphical illustration of Procedures.