



Application for organizing the 2nd FAI World 13.5m Class Gliding Championship, 2017

All the information required in this application should be complete prior to the document being submitted. Details, such as a diagram of the airfield, may be included as an Annex. When completed, an electronic copy of the Application must be sent to the IGC Bid Specialist Peter Eriksen (peter@eriksen-aviation.eu) before the closing deadline of April 30 2016 to enable the application to be checked for completeness and evaluated by the Championship Management Committee. Once the application has been checked and amended as necessary, the IGC Bid Specialist will forward the application to the IGC Bureau for selection of the successful bid.

Applicant:

Name: Aeroclub Alföldi

Date of Application: 30th April, 2016

Organizing Group: Aeroclub Alföldi

Name and address of National Aero Club: Hungarian Aeronautical Association

Proposed Competition Director: András Zénó GYÖNGYÖSI

András is a meteorologist and competitor glider pilot. IGC Delegate and President of the Hungarian Gliding Association since 2009. Meteorologist and member of Organizing Committee at numerous gliding competitions (incl. Hungarian Nationals, Flatland Cups, Flight Challenge Cups, WWGC 2009, etc.), organizer of several competitions, Competition Director of (flapped) WGC 2010 at Szeged, Deputy Competition Director of (heavy) EGC 2015 at Öcsény. Member of Hungarian National Gliding Team from 2008 till 2010, participant of WGC 2010 at Prievizda (in Standard Class). Team Captain of Hungarian Team at WGC 2014 Leszno.

Proposed Organization of the event:

Contact person (for the applicant):

Name: Peter SZABO

Address: Szatymaz Airfield (LHST), 6763 Szatymaz, Reptéri út 1.

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1. Event and Year

1.1 Name of Competition: 2nd FAI World 13.5m Class Gliding Championship

1.2 Year of event: 2017

2. Site

2.1 Name of the airfield: Szatymaz Airfield (LHST)

2.1.1 Co-ordinates: N461843 ; E0184550

2.1.2 Nearest Town: Szatymaz (near Szeged) South 1 km

2.1.3 Experience of airfield staff in organising championships

Airfield was the location of more than 10 LX Cups International Gliding Competitions, Hungarian and Slovenian Nationals, since 2007. Organizing staff include members of the Organizing Teams of EGC2002 (Békéscsaba), and EGC2015 (Ócsény).

2.2 Proposed period for the event

2.2.1 Preferred Competition Dates: 29 Jun to 16 July 2017

2.2.2 Alternate dates for competition n/a (we are open to other dates)

2.3. Airfield operating data

2.3.1 Surface of airfield, number and directions of runways

Surface: 25 ha, RWY 16/34 (1100m), 18/36 (800m)

2.3.2 Number of towplanes that will be employed to launch

1 towplane every 5 non-selflauncher gliders.

2.3.3 Meteorological facilities that will be provided

- Experienced gliding competition forecaster presents 24/7 on site.
- Forecast supported by meteorological data obtained from the Hungarian National Weather Service (HMS) and the Hungarian Military Weather Service: upper air, remotely sensed (radar and satellite) and surface (weather, temperature, and humidity) observations and aeronautical weather hazard predictions.
- Our own Numerical Weather Prediction Modeling System – dedicated for the purpose of the competition – is providing derived output products for the needs of the gliding competition.
- Weather station of the HMS network at the airport with experienced synoptic forecasters on duty 24/7, rawinsonde observations twice a day (00 and 12Z).
- Local “TEMP” measurements (possibly made with UAVs) up to 2000mAGL launched between 05 and 06Z on each competition flying days.
- Local, high frequency virtual-temperature measurements on the airfield

- English speaking sniffer glider information to support precise launching time decision

2.3.4 Repair facilities for gliders

We have a workshop on site for basic repairs with qualified staff

2.3.5 Repair facilities for radios and instruments

n/a

2.3.6 Oxygen requirements and supply facilities, if required

not required

2.3.7 What plans do you have to implement the FAI Environmental Code of Conduct during your event?

Separate collection of waste (plastic/paper/metal/batteries etc) will be applied.

2.4 Airfield Infrastructure

2.4.1 Briefing Room

Air conditioned, 130 m² Briefing room with high contrast beamer (visible by daylight as well), large displays, WiFi and PA system, tables and chairs. This room will be provided for TC and Pilot's briefings, Common Room for Competitors, and Stewards, Jury's Meeting Room, Press Centre. Separate air conditioned Jury's or Stewards Meeting Room may be provided upon request.

2.4.6 Communication and Wi-Fi capability

WiFi Hotspot in restaurant, pub, swimming pool, camping and preferred launch grid (at RWY16) area covered. GSM coverage 99% in the whole territory of the competition area (Hungary).

2.4.7 Insurance availability for gliders

Teams shall ensure proper insurance coverage for gliders and team members.

2.4.8 Emergency (including fire)

Firefighting and other ground rescue services are available from the city of Szeged (8 km) and Szatymaz (3 km). The nearest hospital is at Szeged (about 10 km from the airfield).

2.4.9 Medical and First Aid

First aid station will be available at the airfield Szatymaz with certified staff.

3. Accommodation and food for competitors

3.1 Accommodations available in the local area

100 éves Fogadó in Szatymaz (2 km), Halászcsárda Fehértói (4 km), Motel Eurocamp (4 km), private houses for rent in the village (0.5 – 3 km), 3 –5 star Hotels in Szeged (8 km).

3.2 Camping facilities at or near the airfield

At the airfield 10 bungalows, and 4 high quality rooms available for the IGC officers and competitors. Camping for caravans and tents in the forest at the airfield. Sauna and swimming pool free of charge at the airfield for competitors and Team members.

3.3 Catering for competitors at the airfield including an indication of prices

High quality buffet breakfast and menu dinners for the period from the 1st till the 15th July with Hungarian specialties, for competitors (**gratis!**) and for Team members (for 200 Euro total). Outside the above time interval, á la carte meal will be available at the airfield Restaurant. Buffet, Bar and Vine Cellar are also available at the competition site.

4. Competition area

Only Airspace inside BUD FIR (Hungary) will be used.

4.1 Topography in the contest area

The landscape around Szeged is flat, covered by wide croplands, grasslands and mixed deciduous and evergreen forests. The average size of a typical cropland is over 1 km, ideal for safe outlanding.

The soil of the surrounding area is sandy (between the Danube and the Tisza rivers) or clay and loam (East to the Tisza river). Industrial area and huge green house cultivation are also a good source of convection in most cases.

About 100-150 km West and North from Szeged mid-level hills and low mountains are giving opportunities for flying in a changing environment. Big rivers are sometimes significant divides of weather and have significant convergence effect on soaring conditions.

4.2 A comprehensive survey of meteorological conditions

The climate of the Great Hungarian Plain is semi-arid and arid continental, with a mean duration of sunshine over 3000 hours and precipitation around 500 mm per year (the amount of precipitation in some unusually humid years may rise up to 1000-1500mm, even in the Southwest part of the country).

Low pressure systems and weather fronts usually decay before their arrival due to the joint dissipative effect of the continental climate and the arid flatland inside the Carpathian basin. In case of the penetration of a Mediterranean depression system however, 2-4 subsequent days may be influenced by low ceiling, strong wind and precipitation (in summer preferably showers but sometimes rain or drizzle as well).

The average climb rates in arid years is up to 4 m/s (or sometimes more) and the convective cloud base (or top of blue thermal) around 2000m AGL (sometimes over 3000m). The initiation of thermal activity in July is around 0900LT, and thermal activity terminates usually not before 1800LT. In some exceptionally humid periods the cloud base may be at 1000m, and average 1m/s climb is expected. Diagrams and charts about gliding climatic conditions will be provided later in the Annex of the Final Bid (under preparation).

The daily maximum temperature in July and August is usually around 30 degrees centigrade; highs over 35DC are not unusual either. Daily minimum temperature usually around 20, however, in some exceptional cases, lows may drop below 15 centigrade even in July.

4.3 Airspace restrictions in the contest area

State border Hungary from South, Military Restricted Airspace 60 km to the North (active only on weekdays), and Civilian Airspace of International Airport Budapest (130 km) and Debrecen (130 km). The altitude limit is 9500 feet QNH.

4.4 Typical tasks to be expected

Racing and Assigned Area Tasks ranging from 250 to 750 km in usual July weather conditions.

5. Rules

No deviation is anticipated from default task options and common rules.

5.1 Default options in Annex A are

- | | |
|---------------------------|----------------------|
| 5.1.1 Starting procedures | Start Line |
| 5.1.2 Tasks | Racing and Speed AAT |
| 5.1.3 Finish procedures | Finish Ring |

5.2 Indicate any particular conditions or possible restrictions that may be applied that would make it difficult for an individual or a team to attend the proposed venue

EU legislation

5.3 Number of competitors

Maximum number in one category, as defined in SC3A.

5.3.1 State the maximum number of competitors that may be entered in the competition

Same as above (only one class).

5.3.1.1 Provide explanation for this number and proposals for safe separation of classes.

Sole 13.5m class WGC will be held, no separation is necessary.

6. Costs

6.1 Entry fee

790 EUR

6.1.1 Services included in the entry fee

All Operational costs are covered by the entry fee including:

- Aeronautical Chart for the Competition
- Competition package with utilities and surprise gifts
- Daily TC & Pilots' briefing
- Copy of weather and task sheets for competitors and TCs.
- Water ballast filling facilities on tie-down area
- Text message notifications for TCs and Pilots
- Multiple WiFi Hot Spots (reachable at most public places)
- re-hydration beverages on the grid
- Weather, tracking and result information displayed in social area
- Buffet breakfast and menu dinner gratis for all competitors
- and much more

Aero tows catering for Team members and accommodation costs excluded.

6.1.2 Cost of aero tows

48 EUR

6.2 Rental cars and availability with tow hitch

Yes, contact organizers for details.

6.3 Accommodation Availability and Costs for teams

6.3.1 Hotels

25 – 80 EUR/day

6.3.2 Apartments

25 – 70 EUR/day

6.3.3 Bed and Breakfast

25 – 50 EUR/day

6.3.4 Camping

6 EUR/person/day + 3 EUR/caravan/day (tent unit price is free of charge).

6.4 Provide an indicative example for the expected total costs during the contest period for a pilot with 2 crew members

Minimal costs per competitors with 2 crew: 790 (entry fee) + 2x200EUR catering for 2 crew members + 6x3x16=288 EUR camping total 1478 EUR.

7. Glider Hiring

7.1 The availability of local gliders for hire

Unfortunately, we do not have such gliders for hire recently in Hungary

7.2 The costs of hire

n/a

7.3 Any restrictions on hire

n/a

8. Training

8.1 Provide details of any proposed training opportunities for teams and individuals prior to the Championships.

LX Cup in May, 2016 and 2017, together with Hungarian Nationals in 18m Class in August 2016, suitable for practice at the same Airfield will be organized. Hungarian Nationals at Szeged and Pecs are also open for practice for foreign pilots during 2016. In addition, individual training opportunity may be fixed with the operator of Szatymaz Airfield.

Annex I.
LHST airfield view with the hangars, runways and surrounding area from Google-Earth.

