

# **Bid for organizing the 34<sup>th</sup> FAI World Gliding Championship 2016 15 Meter, 18 Meter, Open**

## **Applicant:**

Name:

Austrian Aeroclub  
Prinz Eugen-Strasse 12  
1040 Wien  
<http://www.aeroclub.at/>

Date of Application: 30<sup>th</sup> Dec. 2012, update 10. Jan. 2013

## **Organizing Gliding Club or other organisation:**

Flugplatzbetriebsgemeinschaft Wr. Neustadt  
Flugfeldgürtel 5  
2700 Wr. Neustadt

The "Flugplatzbetriebsgemeinschaft Wr. Neustadt" is an association of 24 clubs with more than 1000 members.

They are very enthusiastic to organize and help to arrange the championship.

Directly affected civil parties have already agreed to support the event: township (Wr. Neustadt), the provincial community (Land Niederösterreich)

## **Proposed Competition Director:** Ludwig Starkl

- Participant at World, European and National Championships
- Team captain of the Austrian National Team at WM 2003 in Poland
- more than 4000 flying hours

**Proposed Organisation of the event:** (provide brief details of the timescale proposed for the organisation of the event, including any critical milestones and any financial constraints)

### Organisation Team:

President:	Ludwig Starkl
Accounting:	Reinhard Kammerhuber
Communication:	Michael Gaisbacher
Meteorology and	
Task-Setting:	Hermann Trimmel
Scoring:	Richard Huschka

Timescale:

February 2013	We expect a positive decision from the military
March 2013	IGC Approval
March 2013	Constitution of basic team for the International Competition 2015 and WGC 2016
September 2013	Basic Plan of activities
November 2014	Information for the International Competition 2015
November 2015	Bulletin No1. for the WGC 2016

**Contact person (for the applicant):**

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## 1. Competition Classes:

15 Meter, 18 Meter, Open

## 2. Site Details

### 2.1 Name of the airfield

Airfield Wr. Neustadt, ICAO: LOXN

The airfield at Wr. Neustadt is well prepared and offers a full range of infrastructure required for large-scale international competitions. We have space for easy handling and preparation of each glider, water-filling sites, and glider trailer parking areas.



#### 2.1.1 Coordinates

47 50 25 N, 016 13 17 E, 285 m MSL

#### 2.1.2 Direction and distance to nearest town, population of this town

The airfield is located in the north west of Wr. Neustadt (45.000 inhabitants). Within 30 km around the airfield there are about 100.000 inhabitants. The capital of Austria, Vienna, is in a distance of 50 km (more than 1,7 million inhabitants).

#### 2.1.3 Experience of airfield staff in organising championships/ competitions

1988 Pre-World Championship Wr. Neustadt

**1989 World Championship Wr. Neustadt**

2004 Austrian Nationals <http://www.streckenflug.at/ssm2004/>

2008 Local Competition "TAL" <http://tal-segelflug.at/>

2009 Celebration of the 100-year anniversary of the airfield <http://www.loxn.org>

2012 Local Competition "TAL" <http://tal-segelflug.at/>

2013 Austrian Nationals

## 2.2 Proposed period for the event

26.06.2016 - 1.07.2016 Training

2.07.2016 - 17.07.2016 Competition

### 2.2.1 Alternate period for the event in case of conflict with other IGC events

07.05.2016 – 13.05.2016 Training

14.05.2016 – 29.05.2016 Competition

## 2.3. Airfield operating data (provide details for the following)

### 2.3.1 Surface of airfield, number and directions of runways

2 Runways: 14/32 left and right, length 940m, grass

2 Runways: 18/36 left and right, length 1620m, grass



### 2.3.2 Meteorological facilities that will be provided

Comprehensive meteorological data in cooperation with the Austrian Aviation Meteorological Service will be provided.

### 2.3.3 Parking facilities for gliders

A big area for parking and maneuvering trailers and gliders is available.

#### 2.3.4 Repair facilities for gliders, radios and instruments

- The local clubs offer their infrastructure for repairing gliders.
- The largest spare-part distributor of Austria is located in Wr. Neustadt; a very short delivery time is guaranteed. <http://streckenflug.at/shop/index.php>
- Diamond Aircraft is located in Wr. Neustadt <http://www.diamond-air.at/>

#### 2.3.5 Oxygen requirements and supply facilities, if required

A local refill-station is available.

### 2.4 Airfield facilities (provide brief descriptions for the following facilities at the airfield)

On working days LOXN is the base of military activities (parachuting), on non working days it is used by private pilots. Therefore it provides many hangars, including clubhouses, some of them with bar/canteen operated by the members. Common rooms for the teams will be provided for an additional rental fee on request. These team-rooms will be equipped with basic furniture and WLAN.

#### 2.4.1 Briefing Room

We will provide a hangar with space for 300 people.

#### 2.4.2 Common Rooms for Competitors

It is planned to arrange a lot of rooms (containers or caravans) at the edge of the airfield close to the room for the stewards. The rooms will be equipped with basic furniture and WLAN. Costs will be about € 800 for 3 weeks for each team.

#### 2.4.3 Meeting Room for the Chief Steward and Steward

Will be provided near the briefing-room and the team-caravans.

#### 2.4.4 Meeting Room for the International Jury

Will be provided close to the rooms of the Stewards.

#### 2.4.5 Press Centre

Will be provided near the briefing-room.

#### 2.4.6 Communication and WLAN capability

WLAN will be available on the airfield in sufficient range and capacity.

#### 2.4.7 Insurance availability for gliders

If required by a pilot/team third party insurance will be available on request. The organizer expects each glider to have a third party insurance with a limit of indemnity of at least 1.500.000,- sdr

#### 2.4.8 Emergency (including fire)

A fire brigade will be on the airfield during flying operations. Different emergency cases are trained every year.

#### 2.4.9 Medical and First Aid

Will be provided at the airfield. A hospital is located in Wr. Neustadt, a 10min drive away. The base of a medical helicopter is 3 minutes away.

#### 2.4.10 Conference and office rooms for the OSTIV Congress

Austria is very interested to invite the OSTIV to hold their Congress in Wiener Neustadt.

2.4.10.1 A lecture room (8,2m x 9,0m) for 60 people, equipped with audio and visual tools (beamer) is offered next to a small restaurant (for coffee breaks, meals and drinks will be served).)

2.4.10.2 Attached to this lecture room there is another room (4,2m x 5,8m) for the OSTIV- office, equipped with WLAN and a copy machine.

2.4.10.3 Both rooms are located on the airfield, apprx. 150m from the Briefing Hangar.

2.4.10.4 There are no costs for OSTIV for this 2 rooms; WLAN and copies are free.

### 3. **Accommodation and food for competitors** (provide brief details of the following)

#### 3.1 Accommodation facilities available in the local area

Hotel-rooms and rooms in private pensions are available in the city of Wr. Neustadt as well as in the near villages. (€ 35.- to € 70.- per night)

#### 3.2 Camping facilities at or near the airfield - include estimated price

A place for Camping on the airfield will be provided. (apprx. € 5.-/Person)

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

Catering will be provided at the airfield (€ 9.- to € 16.- per meal; ½ l drinks about € 4.-). In the city of Wr. Neustadt you can find restaurants of all kinds and price-categories.

### 4. **Competition area** (provide brief descriptions of the following)

#### 4.1 Topography in the contest area

LOXN is situated at the very eastern foothills of the Alps. In good weather conditions, especially in July, it is a perfect point of departure for tasks into the mountains. Less than 15km west of the field the "Hohe Wand" often provides first thermals well before noon. With rising sun and terrain cloud base is in comfortable altitudes this time of the year. Fast and fascinating flights far into the highest peaks of Austria are possible. Due to the organized structure of mountain ranges and valleys, it's usually very easy to find escape routes to suitable landing fields. With conservative planning, an airfield is always within gliding distance. Only very small parts of the competition area have to be described as marginal for out-landing. Special briefings will be available to get familiar with these areas and the few safe landing spots there.



In the event of unsuitable weather for safe mountain-flying, the NW part of Hungary will be available. This flatland, combined with the hilly area S of Wiener Neustadt ensures most interesting and challenging tasks in a comfortable environment. In rare cases it is possible to use both the Hungarian plains and the Austrian Alps on one day for the most spectacular soaring!

Tasks flown during Austrian Nationals are often around 500 to 600km. Long distance flights in thermal conditions can lead into the eastern part of Switzerland and back, more than 1000km.

[http://streckenflug.at/index.php?p=thermik\\_loxn](http://streckenflug.at/index.php?p=thermik_loxn)  
[http://www.streckenflug.at/index.php?p=f\\_html&id=635](http://www.streckenflug.at/index.php?p=f_html&id=635)

#### 4.2 A comprehensive survey of meteorological conditions

The topographic situation of Austria being located in a typical mid-latitude position derives its climatological interest from the variability of regimes. Westerly regimes bring advection of maritime air masses whereas anticyclonic conditions or easterly flow lead to a continental weather type. Flow modifications over and around the Alps adds further degree of complexity to local weather conditions.

Reasonable thermal conditions for gliding prevail from April to August. Radiative heating during this time profits from a long daylight, 13-16 hours. Cloud basis on good thermal days can be expected between 1500 and 2000m in the flat area and rising up to more than 3000m over the mountains. Upper low and frontal passages are responsible for non-flying conditions.

The statistics as far as they can be trusted promise an average of 8 and a most likely range from 6 to 11 flying days over a two week competition period in July. The orographic and meteorological situation in Austria and especially in the area of Wiener Neustadt let expect an excellent competition with flights over the high mountains and the flat areas to the east over Hungary.

The vast variety of conditions encountered during each task will make flying very interesting for the world's best pilots: a true champion will be found in Austria!

#### 4.3 Airspace restrictions in the contest area

In the immediate vicinity of the airfield airspace C starts above 6500ft/1981m MSL (SRA WIEN V), which is usually above convection level. With the rising terrain to W and SW also the lower limit of airspace C is lifted to 8500ft/2591m MSL (SRA WIEN VIII), and finally about 32km from the field you find airspace E up to FL125 or FL145 in the high mountains. Other civil airports with restricting airspace are situated either far away from the main soaring routes, or are far W of LOXN (Innsbruck/LOWI). During the week the military base Zeltweg operates a TMA and some training areas. Traditionally we have very cooperative relation with the responsible authorities to get at least temporary clearance to use this airspace.

### 5. Costs

#### 5.1 Entry fee, including services included in the entry fee

€ 850.-

## 5.2 Cost of aero tows

Towing Price about € 70.-  
self-launch € 25.-

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

Around € 6.000,-, including entry fee, 15 aero-tows, accommodation, food.

## 6. **Glider Hire** Provide details of glider hire availability

Hiring of competitive gliders should not be a problem at all, with immediate vicinity of Germany, the country with the highest density of glider pilots and gliders worldwide. The organization will offer any desired support.

### **Provide details of any proposed training opportunities for teams and individuals prior to the Championships:**

Official training period in LOXN will be one week before the event. Arrangements for earlier training can be made with 7 airfields within a 75km radius (Völtendorf, Mariazell, Lanzen-Turnau, Kapfenberg, Pinkafeld and in Hungary Szombathely and Fertöszentmiklos). The organizer will help teams to get in contact with the responsible people there.

## 7. **Public Display and Media Facilities**

Other complementary aviation activities (e.g. airshow, models, glider aerobatics)

In addition to the competition we will present all possible activities on the airfield to the public (RC-airshow, aerobatics, parachuting).

## 8. **Environmental Code of Conduct** Provide details of the arrangements to implement and comply with the FAI Environmental Code of Conduct during the event (Reference [www.fai.org/environment/code\\_conduct](http://www.fai.org/environment/code_conduct)) yes we can!

## 9. **Rules**

9.1 We will use default options according Annex A. Length of Start Line, altitude/speed-limits for Start Line and Finish Ring if applicable, will be stated in the local procedures.

9.2 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:

9.2.1 For pilots and crews



Basically pilots have to hold a license of the same state as the state of registration of the glider flown. Pilots holding a license of any JAA member state are entitled to fly a glider registered in any JAA member state. For all other combinations the organizer will support pilots before arrival in close cooperation with our FAA.

Gliders operated on a "Permit to Fly" issued by a non JAA member state, have to get approval from the Austrian FAA.

#### 9.2.2 For sailplane and equipment

Red or orange markings with certain dimensions on sailplanes will be compulsory, for collision avoidance and for improved visibility in case of search and rescue.

**FLARM will be COMPULSORY, to help prevent midair-collisions and collision with obstacles on ground (antennas, cableway).**

- 9.3 Number of competitors: - State the maximum number of competitors that may be entered in the competition:  
120 in 3 classes, 50 in 1 class. If there are too many entries, maximum number of pilots per nation is reduced by one, in reverse order of the IGC Country Score.

Forward the completed form to: [eriksen@cegetel.net](mailto:eriksen@cegetel.net) and [emozer@deltamold.com](mailto:emozer@deltamold.com)