

Bid for organizing the
7th FAI Junior World Gliding Championships 2011

Applicant:

German Aero Club e.V.
Gliding Commission
Hermann-Blenk-Str.28
D-38108 Braunschweig
Germany

Date of Application:

1st. September 2007

Organising aeroclub:

Fliegergruppe Freudenstadt e.V.
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Germany
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Gliding field:

Musbach / Freudenstadt
Black forest

Proposed Competition Directors:

Christof Geissler, Deputy CD Clubclass WGC 2002 ,
National Team Member and President of the aeroclub of Freudenstadt

Axel Reich, CD Clubclass WGC 2002, Annex A Committee Chairman

Proposed Organisation of the event:

The complete infrastructure is already available. Furthermore there is a sufficient number of club members which are well experienced in organising gliding competitions.

1. Event and year

German application for **7th FAI Junior World Gliding Championships 2011**

1.1 Applicant

GERMAN AERO CLUB
Gliding commission
Hermann-Blenk Str.28
D-38108 Braunschweig

1.2 Active gliding members of the **Fliegergruppe Freudenstadt e.V. : 75**

2. Site

2.1 Gliding field "MUSBACH" near the city of Freudenstadt

2.1.1 Coordinates: 48 30 13 N 08 28 45 E

2.1.2 7 km east of Freudenstadt , population of the city of Freudenstadt: 23.000
(Freudenstadt is located 60 km South-West of Stuttgart)

2.1.3 "**Musbach**" has hosted the very successfull :

- 4th FAI Junior European Gliding Championships 1997
- 2nd FAI Clubclass World Gliding Championships 2002.
- several National and State Championships since 1985

- Fliegergruppe Freudenstadt e.V received in 2004 the

FAI "Diplome D´Honneur"

Fliegergruppe Freudenstadt e.V. (Allemagne)
„Pour son exceptionnelle contribution a la promotion de l´aviation sportive et pour l´organisation de competitions de haut niveau »

2.2 **Proposed period for the event: Saturday 06. – Saturday 20. August 2011**

2.2.1 Alternative dates: 1st Alternative **30.07.– 13.August 2007**
2nd Alternative **13.08. - 27.August 2007**

2.3 **Airfield data**

2.3.1 Runway direction: 17/35 885/975 m (plus usable fields in the beginning and the end of the runway)

Runway surface : grass

2.3.2 Number of tow planes: 7-8 ,depending on the number of sailplanes

2.3.3 Meteorology : Meteosat receiver, professional weather forecast personnel

2.3.4 Sailplanes can be parked in the open only

2.3.5 Repair facilities: one professional repair service 25 km to the south.
"Schempp-Hirth" and "DG Flugzeugbau" within 1,5 hours driving time with trailer.

2.3.6 Instruments and radio repair: "Becker avionics" and "Winter instruments"
within easy driving distance (45 minutes).

2.3.7 No oxygen will be required.

2.3.8 **Code of Conduct – Air Sports and the Environment**

The "Fliegergruppe Freudenstadt e.V." with its gliding field of „Musbach“ fully understands and supports the environmental Code of the FAI.

Some measures are already introduced at "Musbach". For example:

Towing planes with best state of the art noise reduction; retractable cable for noise reduced landing. Optimised tow routes in terms of noise.

Adjacent to the gliding field there is a bird protection area with low height natural cover which is rented from the community and where we are responsible to maintain the bird protecting character.

Flying on the gliding field is organised that way that it needs a minimum of car driving on the fields.

Waste separation and recycling is mandatory.

Economical use of energy has to be taken for granted.

Water collected from the roof is used for water ballast and washing of gliders / tow planes.

The 10 person management board of the club includes one person being responsible for environmental issues; this is part of the constitution of the club.

2.4 **Organisation**

All buildings will be used for competition.

2.4.1 Briefing is held in one of the hangars.

2.4.2-4 Enough rooms for the jury, stewards, competitors and press staff will be available.

2.4.5 There will be sufficient communication facilities regarding telephone, fax and Internet. Crews are required to bring mobile phones. There will be no telephone lines to each team.

2.4.6 All major banking groups are present in the city of Freudenstadt. One bank office is 1 km distant of the hangars
Postal service to the airfield is available

- 2.4.7 All major insurance companies are present in the city of Freudenstadt.
- 2.4.8 There are 9 toilets and 8 showers on the airfield.
- 2.4.9 There are enough parking facilities at the airfield.
- 2.4.10 The district hospital is located in the city of Freudenstadt.
- 2.4.11 Doctor will be present during launch period.

3. Accommodation and Food

- 3.1.1 Camping ground is available close to the hangars.
- 3.1.2 Youth Hostels: One in Freudenstadt, a second one in the village of Hallwangen (4 km to the South)
- 3.1.4 Due to the fact, that the Black Forest is a popular tourist area ,there are various accommodation facilities of all categories available in the region of Freudenstadt.
- 3.2 Catering for competitors and visitors at the airfield will be offered by the aeroclub of Freudenstadt.
The average cost of a complete warm meal will be between 6-12 Euro.

4. Competition area:

- 4.1 Black Forest and Swabian Alb, partly mountainous area with altitudes between 200m – 1400m average around 700m MSL.
- 4.2 There are very good thermal soaring conditions in august in this southern part of Germany. The thermal period is around 8 hours per day. Average thermal strength is 2m/sec, maximum 5 m/sec. Cloud base average 2000 - 2500 m , maximum 3000 m above sea level.
- 4.3 Maximum flight altitude Flight level 95
- 4.4 Tasks in competitions average 300km , maximum up to 500 km.
- 4.5 Road and communication conditions superb.
- 4.6 Normal conditions in the moment.

5. Rules

- 5.1 The 1st October 2010 Version of Annex A will be used with 1000 points scoring system.
- 5.2 Possible restrictions will be defined by Local Procedures.
 - 5.2.1 Foreign pilots may fly , provided they have a valid licence from their home country. The third party liability insurance coverage of the glider must meet the EC requirements.
 - 5.2.2 Passport with or without visa depending on the country of origin are required.
- 5.3 Maximum number of competitors: 80 with a maximum of 50 in a single class

5.3.1.1 Allocation of starting places, if application from NAC's exceed the number of 80, will be handled using the Country score of the IGC Ranking list.

6. Costs:

6.1 **Entry fee: 400 Euro** per sailplane / competitor

6.1.1 This entry fee covers all operational costs especially the following items:

- ICAO maps for the competition area
- Road maps
- Turning point catalogue (hardcopy /electronic)
- Airspace restriction catalogue (hardcopy /electronic)

6.1.2 **Towing fee: 37 Euro** (in case no exceptional increase will occur till 2011)

6.2 Fuel prices 2007: Diesel 1,15 Euro/L, petrol (95 Octane) 1,40 Euro/L

6.3 Car rental is possible.

6.4 Camping fee per competitor is 150 Euro for the complete period inclusive training, including maximum 5 adult persons per competitor; children under 14 years are free of charge

6.5 Hotel cost depends on category used.
Single room starting around 30 Euro/day
Double room starting around 50 Euro/day

6.7 Breakfast 2 - 4 Euro , lunch 3 - 5 Euro , supper 3 - 6 Euro.

6.8 **Example for team cost (4 Pilots one team captain and 4 assistants).**

Entry fee	4 x	:	1.600 Euro
40 aerotows		:	1.480 Euro
Food (15 days)		:	2.025 Euro
Fuel (4 cars/1000 km		:	
consumpt 8L / 100 km)		:	416 Euro
Camping		:	600 Euro

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6.121 Euro

7. Sailplane hiring only on private bases.

8. Training is possible during the week prior to the championship and on the surrounding airfields.

Budget for the championships:

(example for 70 competitors)

Income

Entry fee: 70 X 400 Euro	: 28.000 Euro
Towing (10 x per competitor)	: 25.900 Euro
Sponsorship	: 10.000 Euro
Camping 40x150 Euro (40 competitors assumed to be on camping ground)	: 6.000 Euro

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69.900 Euro

Expenses

Maps (ICAO, road)	: 2.000 Euro
Camping(Water,electricity,waste)	: 6.000 Euro
Insurance/permission of the state	: 3.000 Euro
Rent for equipment	:11.000 Euro
Phone, Fax and Internet	: 6.000 Euro
Accommodation	
For organisers	: 5.000 Euro
For Jury President and Chief Steward is covered by IGC fund for further IGC officials	: 5.000 Euro
Towing	: 25.900 Euro
Advertising, support for Media coverage	: 6.000 EURO

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69.900 Euro