

Bid for organising the 6th Women's World Gliding Championships in the Standard Class, 15m Class and Club Class

All the information sought in this bid document must complete prior to the Bid being submitted. Details, such as a diagram of the airfield, may be included as an Annex. When completed an electronic copy of the Bid must be sent to the IGC Bid Expert before the closing deadline to enable the bid to be checked for completeness. Once the bid has been checked and amended as necessary, the IGC Bid Expert will forward the application to the Secretary of the IGC.

Applicant:

Name: Swedish Soaring Federation

Date of Application: December 2007

Organising Gliding Club or other organisation:

Swedish Soaring Federation in cooperation with Arboga FK

Proposed Competition Director: (provide the name and a brief resume)

Mats Lundqvist, a project manager and radar engineer within the Swedish defence industry. He has been working with radars in the most aspects from prospect, design to installation and maintenance.

Mats are one of the most experienced competition directors in Sweden. Every year during the last 6 years he and Arboga Flygklubb has arranged competitions with high number of competitors.

These competitions are very popular since he will set tasks which is challenging and yet possible to carry out. The staff around him is used to make excellent competitions with small means.

Proposed Organisation of the event:

Time scale:

2008	June/July	Regional championships
2009	June/July	Regional championships
2010	June	Swedish nationals
2010	September	Bulletin No. 1
2011	December 15	Preliminary Entry due
2011	December 31	Bulletin No. 2
2011	February 28	Final Entry forms and Entry Fee due
2011	March	Bulletin No. 3 (Local Procedures)
2011	June 01	Deadline for class change
2011	June 01	Deadline for approval of new GNSS FRs 2011
2011	June 11 - 15	Official Training (Mon - Fri)
2011	June 11 - 15	Registration
2011	June 11 - 15	Technical inspection and acceptance check for gliders
2011	June 14	Configuration change closes
2011	June 14	First Team Captains Briefing at 19:00 hrs
2011	June 15	Opening Ceremony
2011	June 15	Opening Briefing at 19:00 hrs
2011	June 16 - 26	Contest flying
2011	June 26	Fare well party
2011	June 27	Closing Ceremony and Prize Giving

Organizer team
Deputy Director: Mikael Engström
Administration: TBA
Webmaster: TBA
Grid master : Bengt Fridh
Cafeteria matser: Per Nykvist
Scoring master: Pall Einarsson
Tug master: Lars-Erik Olsson
Bulletins: TBA
Meterology: Anna-Karin Bergström
Enviornmental coordinator: Riikka Vilkuna

Airfield:

Arboga (ESQO) in the south part of Bergslagen, 150 km west of Stockholm
Contact person (for the applicant):

Name: Mats Lundqvist
Address: Sundbyvik Ekbacken
SE-640 45 Kvicksund
Sweden
Email address: MatsELundqvist@telia.com
Phone Number: +4616 342062
Mobile Number: +4670 3216841
Fax Number: N/A

1 Event and Year

1.1 Name and address of National Aero Club or other applicant

Swedish Soaring Federation in cooperation with Arboga Flygklubb

Swedish Soaring Federation
Box 750
SE-521 22 Falköping
Sweden
<http://www.segelflyget.se/>

Arboga Flygklubb
Box 86
SE-732 22 Arboga
<http://www.arbogafk.se/>

1.2 Number of active gliding members

Swedish Soaring Federation: 2000
Arboga FK: 25 active gliding pilots

2 Site

2.1 Name of the airfield

Arboga (ESQO), 59.23.45N 015.54.54E

2.1.1 Direction and distance to nearest town, population of this town

Arboga: 5 km west, population 14 000
Köping 20 km north, population 25 000
Örebro 45 km west, population 120 000
Eskilstuna 30 km east, population 90 000
Stockholm 150 km west, population 1 000 000

From Arboga one can easily reach Stockholm by train within 1 hrs 15 min.

2.2 Experience of airfield staff in organising championships/ competitions

The Swedish Soaring Federation has run the Swedish Nationals at Arboga on numerous occasions since 1971 in cooperation with the local gliding club, Arboga FK. From 2001 on Arboga FK has successfully run several Swedish Regionals and Nationals on their own.

2.3 Proposed period for the event

2.3.1 Training

June 11 – 15 2011

2.3.2 Competition

June 16 – 26 2011

2.4 Proposed alternative period for the event

2.4.1 Training

July 23 – 27 2011

2.4.2 Competition

June 28 – 7 August 2011

2.5 Airfield operating data (provide details for the following)

2.5.1 Surface of airfield, number and directions of runways

The airfield has one paved runway 33/15 1800 meter and 40 meter wide. Along the runway there are a grass strip 33/15 about 800 meter and 80 meter wide. Grass strip may extend.

2.5.2 Maximum number of gliders that can be accepted

Maximum number of participants is 60 with grass strip in current size. May be increased.

2.5.3 Number of tow planes that will be employed

8 tow planes will be hired (1 tow plane/7 competitor)

2.5.4 Meteorological facilities that will be provided

Swedish thermal forecast with comments from experienced glider meteorologist

2.5.5 Parking facilities for gliders

Taxiways around the airfield.

2.5.6 Repair facilities for gliders

Local club facilities as well as other glider club facilities in the neighbourhood

2.5.7 Repair facilities for radios and instruments

Private workshop very close to the airfield

2.5.8 Oxygen requirements and supply facilities, if required

N/A

2.6 Airfield layout

2.6.1 Briefing Room

Local club facilities or tent if number of participant require more space

2.6.2 Common Room(s) for the competitors

A cafeteria will be situated in the local club facilities or tent. The cafeteria will be equipped with wireless internet.

2.6.3 Meeting Room for the International Jury

A dedicated caravan will be rented to the jury.

2.6.4 Press Centre

Local club facilities

2.6.5 Communication and internet equipment

Existing telephone lines and a wireless internet over camping and local club facilities.

2.6.6 Post and Banking

Arboga town will provide sufficient services

2.6.7 Insurance availability

TBA

2.6.8 Toilets, wash rooms and shower rooms

Toilets and shower will be provided at the local club facilities. Sauna is available at the local indoor swimming facilities.

2.6.9 Car parking

At the airfield.

2.6.10 Emergency (including fire)

Local community facilities.

2.6.11 Medical and First Aid

In Arboga town, 5 km from air field. The main hospital in the region is situated in Eskilstuna about 30 km from competition site.

2.6.12 Conference and office rooms for the OSTIV Congress, if required

N/A

3 Accommodation and food for competitors (provide details of the following)

3.1 Accommodation facilities available in the local area

There are several Hotels in Arboga. Rental cabins about 15 km south from the airfield as well as rental cabins in Arboga

3.2 Camping facilities at the airfield

Camping area will be provided at competition site

3.3 Catering for competitors at the airfield

Coffee and sandwiches at cafeteria in the club facilities. In Arboga town there are restaurants with wide range of dishes.

4 Competition area (provide descriptions of the following)

4.1 Topography in the contest area

20 km around the airfield flat farmers area (landable)

20 – 100 km around the airfield fairly flat forest with some landable areas. App 10 local gliding clubs with grass strips or asphalt in the competition area.

4.2 A comprehensive survey of meteorological conditions

The competition area NW of lake Mälaren shows a variety of topography with low mountain ridges, valleys and small lakes. Although there are large forests you always find agriculture fields in the valleys. In some areas there are swamps. They are usually good thermal sources during the afternoon but not suitable for out landings. In general the ridges, formed when the big glacier melted long time ago, are much better thermal sources than the plains and valleys. The plains are old sea bottoms where the soil contains lots of clay while the ridges consist of gravel, sand and stones.

The weather is usually varying and sometimes tricky to forecast in detail. However, the soaring conditions are often good in spring and early summer. Thus we can expect many competition days. The days are very long and the nights are short, sunrise about 4 pm and sunset about 10 am. The visibility in the air is usually very good, sometimes almost unlimited.

The statistic mean temperature for all June is about 15 °C, but temperature variations due to weather situation can be large. You may experience afternoon temperature above + 25 °C as well as frost an early morning. Most years precipitation is fairly limited during the competition period. The best soaring conditions is when you have a high or a high pressure ridge to the west and cold advection with light to moderate winds from N or NW over the competition area. Then the air is usually dry and you can expect 1-3/8 Cu with cloud base above 2000 m, sometimes up to 3000 m.

4.3 Airspace restrictions in the contest area

Above Arboga there is a height limit at 1850m STD. There are also 3 Class C areas in the vicinity but with very small impact on the competition area.

The airspace will be fairly similar to the WGC 2006 in Eskilstuna.

4.4 Typical tasks to be expected

200 – 750 km over landable areas. Jumps between landable areas of about 30 km

4.5 Road and traffic conditions

Roads very comfortable

4.6 Environmental code of conduct

The FAI Environmental code of conduct will be applied to event with experiences from the WGC in Eskilstuna.

5 Rules (Note: The Championships must be conducted in accordance with Annex A)

5.1 Indicate the options intended to be used from Annex A for:

5.1.1 Starting procedures:

Start Line

5.1.2 Tasks

Racing Task, Speed Task Assigned Area

5.1.3 Finish procedures

Finish Line

5.1.4 Scoring:

1000-points Scoring System

5.2 Indicate any particular conditions or possible restrictions that may be applied:

5.2.1 For pilots and crews

N/A

5.2.2 For sailplane and equipment

N/A

5.3 Number of competitors:

5.3.1 State the maximum number of competitors that may be entered in each class and the total for the competition

Maximum 30 in any one class with a maximum total of 60 competitors

5.3.2 Provide justification for this number

A larger number will need an extended grass strip. This will need about 2 years of planning ahead of the event

5.3.3 Indicate how the classes will be separated for:

5.3.3.1 Starts

3 separate starting points will be used

5.3.3.2 On task

The size of the competition area allow tasks to be separated

5.3.3.3 Finishing and landing

N/A

6 Costs

6.1 Entry fee

750 €

6.1.1 Services included in the entry fee

Meteorological services
Competition direction
Services at the airfield
2 tickets to closing event
Wireless internet

6.1.2 Cost of aero tows

40 € to 700 m (may be adjusted for unforeseen changes in fuel costs)

6.2 Price of car fuel per litre

Petrol 95: ~1.30 €/l (2007)

Diesel: ~1.20 €/l (2007)

6.3 Rental cars

~325 € per week for a VW Golf size car

6.4 Accommodation (as appropriate for local facilities)

6.4.1 Hotels

From ~400 €/week

6.4.2 Rental caravans

From ~400 €/week

6.4.3 Apartments

From ~350 €/week

6.4.4 Bed and Breakfast

~ 250€ per week

6.4.5 Self Catering

10-50 €/day

6.4.6 Camping

~150 €/week

6.5 Catering (as appropriate for local facilities)

6.5.1 Hotels

Breakfast always included in hotel prices. Dinner will cost ~25€

6.5.2 Restaurants

15-50€ per day depending on choice of restaurant

6.5.3 Self Catering

10-20 €/day

6.5.4 On the airfield
20-50 €/day

6.6 Provide an indicative example for the expected total costs for a team of 4 pilots with 4 assistants and 1 team captain

		Persons/ Caravans	Factor Tows/weeks/days	
Entry fee	750 €	4		3000
Towing	40 €	4	14 ¹	2240
Accommodation				
Camping fee	150 €/week	4 ²	3	1800
Caravan rental	400 €/week	4 ²	3	4800
Catering				
Breakfast (self catering)	3 €/day	9	21	567
Lunch (restaurant)	8 €/day	9	21	1512
Supper (restaurant)	10 €/day	9	21	1890
				15809 €

¹Estimated number of competition and practice days to 14

²The team captain shares a caravan with one of the pilots

7 Glider Hiring (provide information on the following)

7.1 The availability of local gliders for hire

A smaller number of aircrafts can be hired. There are both private owned as well as gliding club that will hire out different types of gliders

7.2 The costs of hire

Costs will vary from 600-1200€ per week.

7.3 Any restrictions on hire (e.g. license requirements)

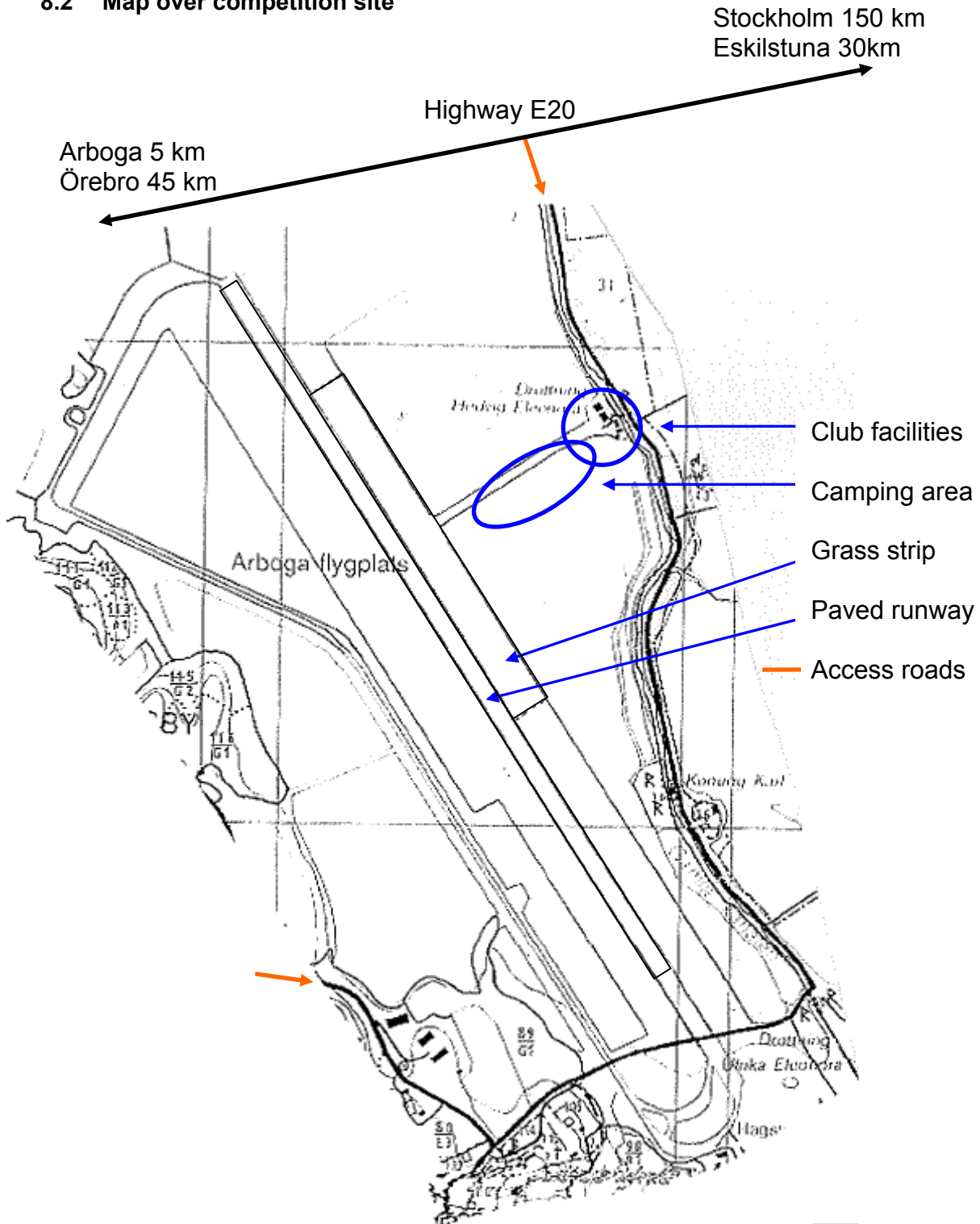
For the moment it's unclear due to changes in the EASA requirements. Pilot outside EU will likely need ICAO-license.

8 Training

8.1 Provide details of any proposed training opportunities prior to the Championships.

2010 one year in front of the event the Swedish Nationals will be held in Arboga. That event will be open for foreign female competitors. 4 practice days with 2 days of mandatory participation immediately before contest start

8.2 Map over competition site



8.3 Map showing the airspace above Arboga airfield:

— Examples of task

