



To the national aero clubs in the Nordic countries

9:th of March 2010

## **Nordic Championship IMAC 2010**

**Eskilstuna, Sweden**

**June 3<sup>rd</sup> - June 6<sup>th</sup>**

**Bulletin 1.0**

Eskilstuna FK, Aeromodelling section, has the pleasure to invite, on behalf of the Swedish Air Sports Federation/ Aeromodelling section, to the second annual Nordic Championship in IMAC. Classes to be flown are; Basic, Sportsman, Intermediate and Freestyle. There will be unknown sequences in addition to known sequences in the Sportsman and Intermediate classes.

### **1.1 General info**

Rules to be used are the latest version of AMA competition regulation 2009-2010, Radio Control Scale Aerobatics, original issue 1/1-2009 as published in the rules section on the IMAC website, [www.mini-iac.com](http://www.mini-iac.com).

Exception, see 1.5 sound check.

## 1.1.1 Location and time

The Nordic Championship will take place at Ekeby Airfield just 4,5km west of Eskilstuna, June 3<sup>rd</sup> through June 6<sup>th</sup> 2010.

Practice times will be Monday through Wednesday, May 31 – June 2, 0900-1800 hrs local time. See local rules regarding practice flying. As it is a full scale airstrip special care has to be taken when flying.

Destination coordinates: North 59 22 862 East 016 27 118

Link to map:

<http://www.hitta.se/LargeMap.aspx?z=1&mp=%3Cpts%3E%3Cpt%20x%3D%221536728%22%20y%3D%226584713%22%20i%3D%22http%3A//www.hitta.se/images/point.png%22%3E%3Ct%3EEskilstuna%20Fk%3C/t%3E%3C/pt%3E%3C/pts%3E>

## 1.1.2 Participating teams

This bulletin has been sent out to the following countries: Denmark, Finland, Iceland, Norway and Sweden.

Each team can have a maximum of 3 contestants in each of the following classes; basic, sportsman, intermediate and freestyle. The requirement to participate in one of the main classes to be able to fly in Freestyle is waved for this event. The scale requirement for the model to fly in freestyle is in force.

Each team will forward a list of team participants by April 16:th 2010.

Team leader and contact details.

The list shall contain the following information for each contestant;

-name of pilot, class including freestyle if so, aircraft type, frequency and membership number or competition licence number from the national federation.

A list of team support members.

Each team has to bring a copy of their national anthem on a music CD or as MP3-file.

A jury will be selected

The Contest director (CD) and chief judge will be part of the jury, in addition there will be 3 jurors selected from the teams.

Complaints

All complaints must be issued in the form of a filled out official complaint form available from the CD. Filing a formal complaint to the jury costs SEK 600 and is to be paid in cash. The jury will address the complaint as soon as possible after payment has been made.

This sum will be returned if the jury rule in favour and the complaint is accepted. If the jury rules against and the complaint is not accepted there will be no refund.

Examples where complaints could be considered are unsportsmanlike behaviour, cheating, miss treatment, miss conduct of regulations etc.

Judges scoring of aerobatic manoeuvres, sound score and airspace control are not subjected for complaints and cannot be overruled.

## 1.2 Preliminary schedule

Goal; Basic 5 rounds (10 known seq), Sportsman & Intermediate 4 rounds (8 known seq) and 1 round unknown (1 seq) and Freestyle 1 round.

Additional rounds known or unknowns or freestyle rounds can be added.

Minimum requirement for a valid Nordic Championship is: 1 round (2 seq) in all classes and 1 round Freestyle

Timing based on;

- Basic 9 contestants
- Sportsman 9 contestants
- Intermediate 7 contestants
- Freestyle 6 contestants

Schedule and timing is subject to change if conditions dictate.

### **Monday May 31, through Wednesday June 2**

0900-1800 Free training

0900-1800 Early registration

### **Wednesday June 2**

1900-2000 Welcome for all pilots, judges and officials. Final registration.

2000-2100 Draw for starting order, both for known and unknown all classes.

### **Thursday June 3**

0800-0845 Final registration for late arrivals

0845-0915 Briefing

0920-0930 Warmup flight for all judges, CD and jury.

0945-1130 Basic round 1

1145-1315 Sportsman round 1

1330-1430 Intermediate round 1

1445-1615 Basic round 2

1630-1745 Sportsman round 2

1800-1900 Intermediate round 2

1930 Debriefing (includes distribution of unknown sequences)

### **Friday June 4**

0915-0945 Briefing

1000-1130 Sportsman round 3

1145-1245 Intermediate round 3

1300-1430 Basic round 3

1445-1600 Sportsman unknown 1

1615-1700 Intermediate unknown 1

1715-1845 Basic round 4

1900 Debriefing

## **Saturday June 5**

0930-0945 Briefing  
1000-1100 Intermediate round 4  
1115-1245 Basic round 5  
1300-1430 Sportsman round 4  
1445-1645 Freestyle  
1700 Debriefing  
1800 Official banquet, with awards ceremony (if NC is complete)

## **Sunday June 6**

Make up day if required.  
Goal to be finished by 1500 local time

### **1.3 Radio frequencies**

Channel 60 (35,000) through channel 90 (35,300) and 2,4 GHz is approved.

### **1.4 Transmitter impound**

There will be NO transmitter impound during official practice and competition. It is up to every one pilot to take responsibility for their equipment.

### **1.5 Sound check**

Most of the Nordic countries are more noise sensitive than USA. The flying site for the Nordic championship is no exception. Therefore the on ground sound limits published in the above mentioned rules are not applicable to the Ekeby flying site. The rules regarding in flight noise score will be in force (section 5.4 in the rule book). Therefore we strongly urge that all gas/Methanol combustion engine models entering the contest to be equipped with canisters/mufflers or tune pipes. "In cowl" straight-through systems are not recommended since they are generally too noisy, with a high possibility of receiving a zeroed sound score. A propeller tip speed of less than .7 mach, as recommended by the IMAC sound task force, is strongly recommended.

### **1.6 Judges**

Chief judge	Patrick Roos	SWE
Judge	Ingemar Thöörn	SWE
Judge	TBD	SWE
Judge	Lars Petter Eriksen	NOR
Judge	Tom Sjurseth	NOR
Judge	TBD	DEN

## 2.0 Accommodation

There is on site 4-bed cabins to let at 500 SEK per night. Please book in advance.  
On site camping at 150 SEK per night including electricity for fridge (max 200W).  
The facilities include shower, wireless internet, cooking capabilities, access to fridge, laundry, sauna and swimming pool.

For other accommodation please contact the Contest Director.

## 3.0 Entry fee

The entry fee is SEK 1600 for each contestant. (includes banquet dinner SEK 200).  
For contestant only entering the Freestyle class the entry fee is SEK 200 (not including banquet).  
For team leader and other team personnel there is no entry fee except for the cost of the banquet as above.

Payable to:  
Eskilstuna FK no later than April 16.

Bank details;

Account no. 99 6026 0234 2251

IBAN: SE35 9500 0099 6026 0234 2251  
Swift: NDEASESS

Plus Giro: 23 42 25-1

## 4.0 Language

The official language for the Nordic Championship will be English.

## 5.0 Web pages

[www.nm2010.mini-iac.se](http://www.nm2010.mini-iac.se)  
[www.efkmodell.se](http://www.efkmodell.se)

## 6.0 Contact info

Contest Director: Per Vässmar, [pv@autopartner.se](mailto:pv@autopartner.se)  
Accommodation (cabins etc.): Christian Sierau, [crille@sierau.se](mailto:crille@sierau.se)

## 7.0 Food and beverages

Breakfast (at an additional cost of SEK 40 per day) will be served in the clubhouse and must be booked in advance.

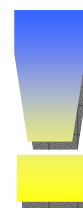
Furthermore there will be sales of food and beverages at the field during the day.

## 8.0 Officials

Contest Director:	Per Vässmar
Chief Judge:	Patrick Roos
Safety officer:	Fredrik Åkerlund
Scorekeepers:	Christian Sierau, Jocke Andersson, Patrik Malek
Camp Site Manager:	Christian Sierau
Area Chief:	Bosse Kardeby
Speaker:	Lars Åke
Food Service:	Maja Vässmar, Käthie Sierau
Banquet Coordinators:	Björn Andersson, Lars Gunnar Lindblad

## 9.0 FAI-Licens – very important !

**All contestants are required to present a valid FAI-license.**



## 10.0 Additional info

- Saturday evening there will be a formal banquet. This will be open for all team members, judges, organizing committee, invited guests, all with partners, and on a space available basis to other IMAC pilots and supporters. Price for the banquet (exclusive buffet with 1 unit beverage) is SEK 200 (SEK 75 for children up to the age of 10). Additional beverages or orders are charged additionally. The banquet will be in the form of “Irish Pub night” with a local cover band performing. Award ceremony will be included in the banquet if the NC is complete.
- Model airplanes with a maximum take off mass, MTOM (fully fueled and smoke oil if installed) of 20kg or more has to be registered and insured in accordance with EU directive
- The music to be used by the contestants for the 4 min freestyle competition shall be in music CD or MP3 format and provided on playable CD, data CD or USB-stick. Please hand over the music to the Contest Director as soon as possible, and no later than Wednesday evening, June 3.
- There are limited maintenance facilities for model airplanes in vicinity of the contest site.
- Judges will be provided with lunch and dinner at the competition site.

- There are toilets at the field.
- There is hangar space available for night storage of airplanes.
- The Ekeby flying field is a large area. The part with the model flying field which is the competition air strip/site is within a small distance from the hangars. Although just too long to be walked with equipment/model. Therefore all equipment and models are transported by car to/from the competition site/strip on a designated road within the premises. Please accommodate for this in your team planning.
- Model airplane flying in Sweden is a sport, and as such subject to doping regulation/rules and controls (hasn't happened yet but there can always be a first). Be sure if you take any medication prescribed by a registered physician to have this person help you with required prescriptions if needed. All intakes of alcohol and/or drugs are strictly prohibited in conjunction with flying model airplanes and are also considered as doping.
- There will be a speaker during competition so it is requested that every pilot fill in the "Speaker form" and return to CD no later than Wednesday evening, June 3.

Further information will be posted on the website.

Inquires should as far as possible be made via team leader, but if required don't hesitate to take direct contact with CD or other contact persons.

The 2010 Nordic IMAC Championship motto will be:  
**Fun – Friendship – Sharing - Flying**

**See You in Sweden 2010!**