



**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

Bulletin 3

IMPORTANT:

For your entry to the WC to be valid you **MUST** send in the official entry forms stamped by your NAC no later than Sunday the 14th of July 2013. The address they must be sent to is:

KDA

Lufthavnsvej 28

4000 Roskilde

Denmark

Or by email to kda@kda.dk

If you send it by email, let you NAC scan the stamped entry after they have stamped it (print the folder in the filled out "Final entry excel spreadsheet" called "Main page" - the one with your names and FAI license numbers).

The reason for this you can find in the SC4_Vol_ABR_13.pdf document, page 37, paragraph B.2.4:

B.2.4. World Championships

These are limited international contests in which the competitors must be nominated by their NAC.

We have sent this notice in a separate email to those countries, of which we can't find the stamped entry in our archives.

Detailed time schedule (small changes may appear):

Sunday-Wednesday 14-17th of July:

Setting up the flying field

Wednesday 17th of July:

14:00-16:00 registration (both for SWDK and WC)

Setting up the flying field

Thursday 18th of July:

10:30-21:00 Kiosk opens

14:00-16:00 registration (both for SWDK and WC)

Friday 19th of July:

10:30-21:00 Kiosk

15:00 official time keepers briefing in the hangar

18:00-21:00 registration (both for SWDK and WC)



**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

Saturday, 20th of July:

6:30-8:00 Breakfast in hotel for hotel guests
7:00-8:00 Breakfast buffet in hangar for those who pre ordered
8:00 Briefing for Swinging Denmark F3K 2013 in the hangar, *contestans and officials*
9:00 Round 1, group 1 of Swinging Denmark F3K 2013
9:00-18:30 processing at the entrance to the pit area
10:30-21:00 Kiosk
12:00-14:00 Lunch buffet in hangar for those who pre ordered
14:00-18:00 Rigistration
18:30 no new groups will be started
18:30-20:30 Dinner buffet in hangar for those who pre ordered

Sunday, 21st of July:

6:30-8:00 Breakfast in hotel for hotel guests
7:00-8:00 Breakfast buffet in hangar for those who pre ordered
8:00 SWDK briefing, short
8:30-15:00 processing at the entrance to the pit area
10:00-12:00 Rigistration
10:30-21:00 Kiosk
12:00 no new rounds will be started after this time.
12:00-14:00 Lunch buffet in hangar for those who pre ordered
14:00 Price giving ceremony for 6th Swinging Denmark F3K 2013
16:00 Opening ceremony, we expect that all teams are present
17-18:30 Rigistration
18:30-20:30 Dinner buffet in hangar for those who pre ordered
20:00 TM meeting in the clubhouse annex

Monday 22nd of July:

6:30-8:00 Breakfast in hotel for hotel guests
7:00-8:00 Breakfast buffet in hangar for those who pre ordered
8:00 TM Briefing, short
8:30 Round one, group 1 of World Championship F3K 2013 – Task D Poker.
10:30-21:00 Kiosk
12:00-14:00 Lunch buffet in hangar for those who pre ordered
18:30 no new groups will be started
10:30-21:00 Kiosk
18:30-20:30 Dinner buffet in hangar for those who pre ordered

Tuesday 23rd og July:

6:30-8:00 Breakfast in hotel for hotel guests
7:00-8:00 Breakfast buffet in hangar for those who pre ordered
8:00 TM Briefing, short
8:30 World Championship F3K 2013 continues
10:30-21:00 Kiosk



**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

12:00-14:00 Lunch buffet in hangar for those who pre ordered

18:30 no new groups will be started

18:30-20:30 Dinner buffet in hangar for those who pre ordered

Wednesday 24th of July:

6:30-8:00 Breakfast in hotel for hotel guests

7:00-8:00 Breakfast buffet in hangar for those who pre ordered

8:00 TM Briefing, short

8:30 World Championship F3K 2013 continues

10:30-21:00 Kiosk

12:00-14:00 Lunch buffet in hangar for those who pre ordered

16:30 no new groups will be started

17:00-18:30 "The Erik Dahl Challenge", and

19:00-21:00 dinner buffet and draw of sponsor prices (*tickets can still be bought by Regnar*)

Thursday 25th of July:

6:30-8:00 Breakfast in hotel for hotel guests

7:00-8:00 Breakfast buffet in hangar for those who pre ordered

8:00 TM Briefing, short

8:30 World Championship F3K 2013 continues

10:30-21:00 Kiosk

12:00-14:00 Lunch buffet in hangar for those who pre ordered

18:30 no new groups will be started

18:30-20:30 Dinner buffet in hangar for those who pre ordered

20:00 Technical meeting in the clubhouse annex (*Issues to be discussed is handed over to the jury/Mr. Tomas Bartovsky*)

Friday 26th of July:

6:30-8:00 Breakfast in hotel for hotel guests

7:00-8:00 Breakfast buffet in hangar for those who pre ordered

8:00 TM Briefing, short

8:30 World Championship F3K 2013 continues until round 22 is finished or

14:00 no new groups will be started, if we haven't reached 22 rounds

10:30-21:00 Kiosk

12:00-14:00 Lunch buffet in hangar for those who pre ordered

18:30-20:30 Dinner buffet in hangar for those who pre ordered

Saturday 27th of July:

6:30-8:00 Breakfast in hotel for hotel guests

7:00-8:00 Breakfast buffet in hangar for those who pre ordered

8:00 TM meeting, only for TM's for fly off pilots (at least 3 rounds, if weather permits 6). 12 pilots in the senior fly off. 8 pilots in the junior fly off.

9:00 Junior fly off rd. 1 – task j - 3 longest flights

9:20 Senior fly off rd 1 – task j - 3 longest flights

9:45 Junior fly off rd. 2 – task b - Next to last and last flight



**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

10:05 Senior fly off rd 2 – task b - Next to last and last flight
10:30 Junior fly off rd. 3– task c - AULD x 5
11:00 Senior fly off rd 3 – task c - AULD x 5
10:30-17:00 Kiosk
11:30 Junior fly off rd. 4 – task e - poker
11:50 Senior fly off rd 4 – task e - poker
12:00-14:00 Lunch buffet in hangar for those who pre ordered
13:30 Junior fly off rd. 5 – task g - 5x2
13:50 Senior fly off rd 5 – task g - 5x2
14:15 Junior fly off rd. 6 – task h - 1-2-3-4
14:35 Senior fly off rd 6 – task h - 1-2-3-4

16:00 price giving ceremony (*If we haven't reached 3 fly off rounds senior and junior, no new fly off rounds will be started after this time*)
18:00 Banquet, Hangar

Sunday 28th of July:

Reserve day if we haven't flown 3 senior and junior fly off rounds Saturday.

Farewell, hugs and goodbyes!!

Pitt area:

Each country has been assigned a certain area in the pit area. We have tried to give you adequate space according to the number of people entered from your country. Those who ordered pavilions have been given a pavilion. Initially we were promised 4x4m pavilions, but instead we were given better quality 6x3m pavilions, which we decided to "define" as 2 pavilions. This means that if you wished for 1 pavilion (4x4m), we have given you one 6x3m pavilion to share with another country. In the pit area, we have tried to avoid the alphabetical order and we have tried to place countries very mixed. We hope that you will have a good time and also spend some quality time meeting old and new friends in the pit area.

Just north of the pit area, there is a dust road that goes from the club house, crosses the camping area, and goes past the pit area and all the way to the eastern test flying area. You are allowed to drive to the back of the pit area when you arrive in the morning and leave in the evening. But during the day, your car shall be parked at the parking just west of the camping area.

Flight testing areas:

West and east of the flying field "test flying fields" has been designated. They are for contestants only and will be marked. When you want to test fly on the test flying field that is open that day, you tell the CD (Erik Dahl Christensen) and tell him your number, country. Likewise you "check out" with the CD when you have finished testing.



FAI WORLD CHAMPIONSHIP FOR SOARING MODEL AIRCRAFT

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

Food:

Even though you didn't pre order food you can still order food tickets for the breakfast buffet, the lunch buffet and the dinner buffet in the hangar. The tickets will be valid for the following day. You can also still order tickets for the banquet in the hangar Saturday the 27th of July after the price giving ceremony.

Deadline Thursday morning at 9:00 with Regnar

If you want to take part in the raffle Wednesday, you need to buy a ticket for "The Erik Dahl Challenge inclusive dinner and raffle". Tickets can be bought from Regnar.

12 v Batteries:

12 V batteries can be bought at various DIY shops around Herning. 220V is available on site together with a single pavilion in the pit area with a limited 12 V charging possibility during WC (the tent will be used for processing during SWDK, so no charging there during SWDK)

<p>T. Hansen</p> <p>http://www.thansen.dk/products.asp?c=9244174902&n=-1514325739</p> <p>they have a shop here in Herning:</p> <p>http://www.thansen.dk/butik_information.asp?c=9244174902&webid=herning</p>	<p>Harald Nyborg</p> <p>http://www.harald-nyborg.dk/67110/auto-mc-batterier</p> <p>they have a shop in Herning:</p> <p>Harald Nyborg, Herning Industrivej Syd 5, Birk 7400 Herning</p>
---	--

Task list for the 6th Swinging Denmark F3K 2013:

- C - AULD x 3
- I - 3x320
- H - 1-2-3-4
- E - Poker
- B - Last & second last
- G - 5x2

Task list for the 2nd World Championship F3K 2013:

- E - Poker
- G - 5x2



**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

- D - Ladder
- A - Last flight in 7
- J - 3 last flights
- B - Last & second last
- H - 1-2-3-4
- F - 3 of 6
- I - 3 longest flights
- D - Ladder
- B - Last and second last
- I - 3 longest
- C - AULD x 5
- F - 3 of 6
- D - Ladder
- A - Last flight in 7
- C - AULD x 5
- E - Poker
- G - 5x2
- H - 1-2-3-4
- J - 3 last flights
- E - Poker
- Task list for the 2nd World Championship F3K 2013 fly off (12 seniors, 8 juniors):**
- J - 3 longest flights
- B - Next to last and last flight
- C – AULD x 5
- E – Poker
- G – 5x2
- H – 1-2-3-4 minutes

Procedure for flying with official timekeepers:

We have 21-22 official timekeepers from around the world. Their job is to score your flight time. They will not assist you actively in any way during your flight. If you ask them what time your pilot scored, please do the following: Show the official timekeeper your scorecard. When he has looked at it you can look at his. If you want to check if you clock is in sync. with theirs you are allowed to compare them during the flight. They are instructed to be totally honest. Please instruct them where you would like them to be during launch and landing. If nothing else is instructed, they will try to position themselves with the helper between them and the pilot. If you are not satisfied with their position during the flight, please instruct them where you'd like them to be during your start and landing.



**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

Especially about task D and E:

Task D - increasing time / ladder:

The official timekeeper will say "Done" when you have reached the designated time.





**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

Task E - poker:

The official timekeeper shall start his stop watch when the pilot launches. The helper writes the called time on his score sheet immediately after launch, and show this to the official timekeeper, who writes the same time on his score sheet. The official timekeeper will say "Done" when the pilot has reached the designated time. This visual procedure is to avoid any errors due to different English accents :)

The procedure for flying a round:

At registration you'll receive 2 sets of score cards. One for you and one for the official timekeeper. Your set is yours for registration of your flight and for your own enjoyment. The other set will get smaller during the contest as you hand over the score cards round by round to the official timekeeper.

Your names will be called in the group before yours. When their landing window has ended there will be a 1 minute break before your 2 minutes test flying begins. Be aware that you'll receive 100 point penalty for flying in this 1 minute break! Immediately after the 2 minutes test flying time, the working time begins.

When the working time before yours, has ended you are allowed to exit the ready box, and go to the model change boxes of your choice and place your models. When the landing window of the group before yours has ended, you are allowed to enter the start and landing field. Remember that there is a 1 minute break between the 30s landing window from the group before yours, and your 2 minute flight testing time.

The official timekeepers will be wearing a coloured west with a number.

In the ready box you will be given a west with a colour different from the official timekeeper. You'll hand over the right score card to the official timekeeper with the same number as on your west.

When your working time is finished, you will want to sign the official timekeeper's score sheet to make it official. When you sign his score sheet, you accept the times written on his score sheet, so check it carefully. The times on the official score sheet will be written in minutes:seconds, and the official score sheet will be official when you sign it.

The official score sheets will then be collected by some young runners and brought to the office. You will leave the start and landing field with your spare models and hopefully be happy with your score :) and return you coloured west to the officials in the tent when you exit the contest area and enter the real world.

If one pilot by any chance is timekeeping for another pilot in the group before the one his is going to fly in, you are allowed to bring both pilots models to the ready box, to save you some time. Only the flying pilots models are allowed south of the ready box = in the model change boxes.



**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

Matrix and start lists:

You can find the matrixes and the start lists for the 6th Swinging Denmark F3K 2013, the 2nd World Championship F3K 2013 senior and junior: here: <http://www.wcf3k.dk/results>

Clarification of rules and comments to paragraphs:

5.7.1

We have announced that we'll try to fly 22 rounds, before Friday afternoon. We will not start any new preliminary rounds after 14:00 Friday the 26th of July.

5.7.1.2

You are allowed ONE helper inside the start and landing field. This helper CAN be your TM. If your TM is not your helper, then your TM is allowed to stand close to the start and landing field to observe your flight

5.7.1.4

No transmitter impound due to most pilots flying radios on 2,4 GHz.

5.7.2.2

Erik's rule of thumb: "Any jettisoning is unintentional in RC-soaring".

5.7.2.3 Change of model glider

We will do it as it was done in Sweden at the 1st WC F3K in 2011, and like it has been done at many big contests in Europe since then. At each corner of the start and landing field there will be a sufficient large extra area. This area is the "model change box". Only one model is allowed inside the start and landing field (5.7.2.3). When you want to change you model, you bring the damaged/wrongly ballasted/etc. model to the model change box, take the new one, get into the start and landing field and fly. If you land out, the model has to be brought back to either the start and landing field for a new attempt (5.7.2.4) or be brought back to the model change box, before a new model is brought into the start and landing field. See 5.7.11.3 for an exception about bringing back you model between flights, in task c - AULD

5.7.3.1 Done :-)

5.7.3.2

The start-and-landing field side length are app. a) 80m, b) 139m, c) 83m and d) 115m. There is lots of space to place 15 pilots so this area conforms to the rule about having at least 30 metres distance to any person in the start direction.

5.7.4.1 Contact with a person

Contact between a flying model and any other person that that models pilot during either the preparation time (= flight testing time) or the working time, will be penalized with 100 points. In addition if this contact happens during the working time at launch, this will result in zero score for that round (-100 point penalty).

5.7.4.4 Forbidden airspace

No forbidden airspace during the contests (Swinging Denmark and WC).

The whole of Wednesday 17th of July and from Thursday 18th of July to Sunday 28th of July, from 18:45 to 8:15 only flying north of the grass runway.



**FAI WORLD CHAMPIONSHIP FOR
SOARING MODEL AIRCRAFT**

Class F3K

21st of July to 28th of July 2013. Herning , Denmark

From Thursday 17th of July to Sunday 28th of July the airfield is closed for traffic from 8:15am to 18:45pm.

5.7.6.1

the rules say touching, not catching

5.7.7

Flight time in full seconds.

The flight times will be written in full seconds and like this: minutes:seconds: 1.30, 0.45, 9.59 like it says on the clock. For your information when you are checking the official timekeepers score sheet, and signing the official timekeepers score sheet to make it an official document.

5.7.9.4

If you fly in a wrong group, you get 1) 100 point penalty, 2) no score.

As in Sweden, we have assigned secondary flying fields (in fact two – west and east end of the flying field). One of them will be assigned each day depending on the wind direction (the one downwind to the start-and-landing field). Launching from the secondary flying fields is allowed in the marked areas, and flying is allowed away from the official Start and landing field. Only for contestants, and when you want to use it you register with the CD, and sign of when you are finished.

Flying before 8:00 and after 19:00 is allowed anywhere north of the grass runway.

5.7.11.3 AULD

We will be flying 5 times AULD in the World Championship. This is the possibility in the rules and I believe that not many are used to flying more than 3 times. Enjoy :-)

Remember that there is an exception in this task about landing out. In AULD you are allowed to change you model without retrieving the model that landed out. If you decide to retrieve a model that has landed out, this is only allowed by either the pilot or the helper (5.7.2.4).

Important telephone numbers:

Ambulance, fire, police: 112, address: Skinderholmvej 7, 7400 Herning – Send a person to the tarmac road to direct the emergency vehicle in the correct direction.

Event Director Regnar Petersen, +45 4052 2328

Contest Director Erik Dahl Christensen, +45 5038 9093

Issues with power at the campsite, please contact Ruben in the ready box tent.

Service hours at the hotel:

You can check in at the hotel each evening from 18:30 to 21:30 from Wednesday the 17th to Saturday 27th