

**ANNEX A.2m**  
**FEDERATION AERONAUTIQUE INTERNATIONALE**

2013-10-15

**NOMINATION FORM**

**CIAM AEROMODELLING SCHOLARSHIP**



(for applicants up to the age of 21 in the year of nomination)

From NAC : Swedish Airsport Federation Date : 3/10 2013 \_\_\_\_\_

Address : SMFF, BOX 750, 521 22 Falköping, Sweden\_\_\_\_ Country : Sweden \_\_\_\_\_

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\_\_\_\_\_  
(only one person from a country may be nominated annually by that candidate's National Airsport Control)

Name of Nominee : Oskar Findahl \_\_\_\_\_ Date of birth: 1994- 06 - 23 \_\_\_\_\_

Address : Fagerstavägen 25, 73832, Norberg, Sweden \_\_\_\_\_

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\_\_\_\_\_

**Scholastic Accomplishments and Educational Plans** (please list & continue on a separate sheet if necessary):

- Swedish compulsory school (between the ages of 7 and 16) finished in 2010.
- 3-year secondary school/high school in Sweden studying natural sciences with extra maths and physics, languages (English and German), Swedish language and literature, history, and special physical education involving model flying.
- Currently: university – studies in aeronautical engineering and design. I also started my company with my FPV flying, to make my Film/Photo. I hope to be able to do both my studying and continue with my company on the side. I plan to go abroad to continue my studying in aeronautical engineering and design.

**Aeromodelling Achievements up to the age of 21** (for example World or Continental Championships, National Championships, World Cups, Records, Technical Innovations. In the case of competitions, include the name, date, and location of each competition, the class and the position achieved) (please list & continue on a separate sheet if necessary)

2011 1:st Price for best junior leader in the Swedish Airsport Federation.

Team places:

Member of the Swedish F1A World Champion (1:st place) junior team, Salonta, Romania 2010.

Member of the Swedish F1B senior team, 4 place at the European Championships in Bulgaria 2008.

Member of the Swedish F3K junior team, third place at the junior World Championships Arboga, Sweden 2011 and third place at the European Championships in Chamblay, France 2012.

Member of the Swedish F1A junior team, 5 place at the European championships Sentjernej, Slovenia 2011.

Individual Championship places:

Third at the World Championships in class F1B for juniors, Menges, Slovenia 2012.

Third at the European championships in class F1A for juniors 2009, Salonta, Romania 2009.

9 at the World championships in class F1A for juniors, Salonta Romania 2010.

7 at the European championships in class F1A for juniors, Sentjernej, Slovenia 2011.

Third at the World Championships in class F1B for juniors, Kiev, Ukraine 2008.

4 at the World Championships in class F1B for juniors, Germany 2006.

5 at the World Championships in class F1B for juniors, Salonta, Romania 2010.

Swedish senior champion in class F1B, Rinkaby, Sweden, 2005.

Swedish junior champion in F3K, Säter, Sweden 2011.

Swedish Junior champion in class F1A and F1B many times.

**World Cup:**

Total World Cup winner in class F1B junior 2007

Total World Cup Winner in class F1A junior 2009.

List of World Cup contest results, see below.

Totally 37 wins in World Cup junior contests in class F1A and F1B and totally 3 wins in World Cup senior contests in F1B, se detailed list below.

|                         |                           |     |              | F1A   | F1AJ  | F1B   | F1    |
|-------------------------|---------------------------|-----|--------------|-------|-------|-------|-------|
| 2013                    |                           |     |              | place | place | place | place |
|                         | Poitou-Moncontour         |     |              | 2     |       | 4     |       |
|                         | Bear Cup                  |     |              | 7     |       |       |       |
|                         | Swedish Moose Cup         |     |              | 10    |       |       |       |
| WC 2013 total currently |                           |     |              | 38    |       | 121   |       |
| 2012                    |                           |     |              |       |       |       |       |
| Es                      | Estonian Free flight Cup  | EST | April 28     | 5     | 1     | 1     | 1     |
| BC                      | Bear Cup                  | FIN | March 24-25  | 14    | 1     |       |       |
| MG                      | Mongolian Cup             |     | Luly 16 - 18 | 6     | 1     | 5     | 1     |
| HL                      | Holiday on ice            | NOR | March 17-18  | 17    | 1     |       |       |
| MV                      | Malfors VT                | SWE | March 20-21  | 7     | 1     |       |       |
| BL                      | Baltic Cup                | LTU | April 27     | 16    | 2     | 4     | 1     |
| SE                      | Swedish Cup               | SWE | July 5       |       | 4     |       | 2     |
| NO                      | Norwegian Cup             | NOR | July 8       | 22    | 4     | 11    | 2     |
| WC 2012 total           |                           |     |              | 66    | 4     | 26    | 2     |
| 2011                    |                           |     |              |       |       |       |       |
| HL                      | Holiday on ice            | NOR | March 12-13  | 4     | 1     |       |       |
| MV                      | Malfors VT Internationa l | SWE | March 15-16  | 3     | 1     |       |       |
| BC                      | Bear Cup                  | FIN | March        | 20    | 2     |       |       |

|                |                             |     |                | 19-20 |    |    |  |
|----------------|-----------------------------|-----|----------------|-------|----|----|--|
| SE             | Swedish Cup                 | SWE | Sept 3-5       | 11    | 2  | 1  |  |
| DK             | Nordic Cup of Denmark       | DEN | Sept 4         | 15    | 4  | 4  |  |
| World Cup 2011 |                             |     |                | 50    | 8  | 41 |  |
| 2010           |                             |     |                |       |    |    |  |
| BC             | Bear Cup                    | FIN | March 6-7      | 15    | 1  |    |  |
| HL             | Holiday On Ice              | NOR | March 13-14    |       | 1  |    |  |
| SH             | Stonehenge Cup              | GBR | May 15-16      |       | 1  | 4  |  |
| SL             | Salonta Cup                 | ROU | August 7-8     |       | 11 |    |  |
| BL             | Baltic Cup                  | LTU | April 30       |       |    | 12 |  |
| ES             | Estonian Free Flight Cup    | EST | May 1-2        |       |    | 16 |  |
| DK             | Nordic Cup of Denmark       | DEN | July 4-5       |       |    | 4  |  |
| World Cup 2010 |                             |     | 275            | 2     | 47 | 4  |  |
| 2009           |                             |     |                |       |    |    |  |
| MM             | Maxmen International        | USA | February 13-16 |       | 4  |    |  |
| BC             | Bear Cup                    | FIN | March 7-8      |       | 2  |    |  |
| HL             | Holiday on Ice              | NOR | March 14-15    |       | 1  |    |  |
| SH             | Stonehenge Cup              | GBR | May 9-10       |       | 1  | 4  |  |
| SE             | Swedish Cup                 | SWE | July 3-5       |       |    |    |  |
| DK             | Nordic Cup of Denmark       | DEN | July 5         |       |    | 9  |  |
| VJ             | Vörös Jenő Memorial Contest | HUN | July 11        |       |    |    |  |
| VK             | 7th Mem. Vilima Kmocha      | CRO | July 17-18     |       | 1  |    |  |
| SL             | Salonta Cup                 | ROU | August 8-9     |       | 2  |    |  |
| BL             | Baltic Cup                  | LTU | May 1          |       |    | 12 |  |
| ES             | Estonian Free Flight Cup    | EST | May 2          |       |    | 16 |  |
| World Cup 2009 |                             |     |                | 1     | 47 | 4  |  |
| 2008           |                             |     |                |       |    |    |  |
| BC             | Bear Cup                    | FIN | March 8-9      |       |    |    |  |
| HL             | Holiday on Ice              | NOR | March 15-16    |       |    |    |  |
| ME             | Matfors VT International    | SWE | March 22-23    |       |    |    |  |
| SH             | Stonehenge Cup              | GBR | May 10-11      |       |    | 3  |  |
| SE             | Swedish Cup                 | SWE | July 4-6       |       |    | 9  |  |
| AN             | Antonov Cup                 | UKR | July 25-27     |       |    | 15 |  |
| VJ             | Vörös Jenő Memorial Contest | HUN | July 12        |       |    |    |  |
| BU             | Bulgaria Cup                | BUL | August 28-31   |       |    |    |  |
| World Cup 2009 |                             |     |                |       | 53 | 2  |  |
| 2007           |                             |     |                |       |    |    |  |
| ME             | Matfors VT International    | SWE | March 24-25    |       |    | 3  |  |
| SH             | Stonehenge                  | GBR | May            |       |    | 1  |  |

|                |                             |     |           |  |    |   |   |
|----------------|-----------------------------|-----|-----------|--|----|---|---|
|                | Cup                         |     | 12-13     |  |    |   |   |
| SE             | Swedish Cup                 | SWE | May 17-20 |  |    | 9 | 1 |
| DK             | Nordic Cup of Denmark       | DEN | May 19-20 |  |    | 2 | 1 |
| VJ             | Voros Jeno Memorial Contest | HUN | July 14   |  |    | 8 | 1 |
| World Cup 2007 |                             |     |           |  | 11 | 1 |   |
| 2006           |                             |     |           |  |    |   |   |
| SE             | Swedish Cup                 | SWE | Jun 16-17 |  |    | 8 |   |
| VJ             | Vörös Jenő Memorial Contest | HUN | July 8    |  |    | 2 |   |
| World Cup 2006 |                             |     |           |  | 51 |   |   |

**Innovations:**

Designing my own FPV models, both aeroplanes and helicopters, I started a company that makes films and takes photos from model planes/helicopters. My special company skills are to make films/take photos from difficult angles and to make films/photos in difficult conditions. My company started well and my own design of planes and helicopters seems to work well, I have several pleased customers today.

The flying carpet; A carpet that the F1B flyer can roll out in front of the stooge to get the same grip every time with his feet when winding the rubber motor.

Discus launch F1B model. A model with the same launching technique as an F3K model was drawn. The idea was to get 20 meters extra height in the launch of the F1B model so it would be possible to compete with the flyers that still have the best rubber from may 99, this rubber was made before my birth. But after discussing this idea with Alex Andriukov the rumour got out and the idea was forbidden in the rules (Perhaps for the best looking at safety reasons....)

Swing Wing F1C. A motor Free flight model with folded wings and the engine in front, like the famous Zing Wing rubber bungee models. This model was never built, only finished on the drawing board.

New propeller blades for my F1B model designed with similar ideas as the newest wind turbine blade designs. My idea is to make several blades and print them in a 3-d printer and make tests of the efficiency before making real blades with a friend that has a CNS milling machine. The blades are almost finished in my CAD program.

I had an idea to move flaps and rudders on my F1A models using muscle wire. The idea with the wires is to get an exact movement of the flaps and rudders over the whole wing area with the minimum weight gain.

I also made several inventions of steering the camera on my FPV model, and designing a new FPV model in my CAD program.

**Personal Statement: What role did Aeromodelling play in your life and what are your aspirations for the Future?** (One page to be written in the Nominee's own hand and attached to this form. If written in a language other than English, then please attach a typed translation as well as the hand-written original.)

NAC Signature: \_\_\_\_\_

President or Secretary General of nominating FAI National Airsport Control

(must be submitted to the FAI Office by November 15)

*President*

# Personal Statement

Model flying has played a huge role in my life. I started at the age of three, building and flying small rubber powered models. I started to compete shortly after that and at the age of twelve I won the Swedish national championships for seniors in class F1B. I have been in the Swedish national team for both seniors and juniors many times, in classes F1A, F1B and F3K. Being an elit flyer has taken me to a lot of places, from sunny California to rainy Mongolia. All of this traveling has given me a great life experiance and friends from all over the world.

As for the future my plans have three different aspects. The first one concerns my competition flying. I will work hard to get into the national team. To be the best I will develop new model technology and follow a specially designed training program, which will hopefully bring me my world champion title. The second aspect concerns my newly started buissnes in the areal photography branch. With the help of a multicopter helicopter camera platform i take areal photugraphy and video according to the clients' needs. I see a lot of potential areas where this sort of technology could be used. I want my company to expand and explore these possibilities. The third aspect involves my education. I have now started my studies for a degree in aeronautical engineering. My plans for the future is to take a master degree in this area. I have already now been looking for possibilities to do the final years of my undergraduate studies abroad, for example Irland, USA and the Netherland. The scholarship money would really help me fulfill my goals and, thus, contribute to the future of the model flying community.

Oskar Frickel