



*Fédération
Aéronautique
Internationale*

Jury Report

of the FAI jury at the
F5B and F5D World Championships

in Turnau / Austria
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FAI Jury members:

Andras Ree – HUN – President
Tomas Bartovsky – CZE
Manfred LEX – AUT

Contest information

Three bulletins were distributed to NACs in due time and were displayed on the championship website containing all the necessary information needed before the event.

One technical meeting was organized for the team managers, officials and the jury. Additional necessary information was given relating the specialities of the contest area, which was a small sport airfield. The meeting was followed by a dinner offered by the Austrian NAC.

Entry

The final entry was a total of 75 from 15 countries. The respective numbers in the two classes were as follows:

F5B – 46 competitors from 15 countries (including 2 junior competitors)

F5D – 29 competitors from 11 countries.

Accommodation and food

Accommodation was organized using different hotel options within a reasonable distance to the flying field and a camping area was available on the flying field for tents and caravans. We had the breakfast and dinner in the hotels, warm and cold lunch and a wide sort of beverages was available from a restaurant in a big tent and smaller buffets. The accommodation and the food at the Gasthof Hanswirt where contest officials and the jury stayed were really good. There was no complaint concerning any other accommodation.

Flying site

The flying field was the Lanzen-Turnau sport airfield about 2 km away from the centre of Turnau, the home town of the championship. Clearly visible signposts showed the way to the flying site.

The positioning possibilities of the F5B and F5D courses were limited because of the given size and orientation of the airfield. Each team had a tent in both classes for preparation for the flights. The two flying sites were separated at just enough distance not to disturb each other.

Competition

The weather conditions were changing. It was windy and cloudy on the training day, mainly sunny with low wind on the first contest day, changing on the second and third day (sunny, cloudy, rainy, windy), the fourth and reserve day (was used for the 8th round in F5B) was nice, sunny with low wind.

The time keepers, pylon, base line and safety line judges of the contest were trained during the Turnau Cup event just before the championship. Some of them were replaced during the event which led to some mistakes.

Registration and model processing took place at the hangar on the airfield parallel to the registration of the teams. Each nation got their specific time slot for both activities. The most time consuming part of the processing was the checking of limiters. Model processing did consist of checking the markings, weight of the models and batteries weight. During the event 13 F5B models and 19 F5D models were processed randomly as well and in addition the tree medal winners. Because of the two world records the model of the winning F5D competitor three times was processed during the event.

The **F5B** event was led by *Emil Giezendanner* (SUI) as contest director. The electronic timing and scoring system was provided by the local club and a backup electronic system was brought by the contest director. The system was well proven and worked well.

A total of 8 rounds were flown on five contest days, two, two, two, one and one on the consecutive days. The sixth round was interrupted by the FAI jury after 15 flights because of the weather conditions (fog, rain, and strong wind gusts) applying paragraphs B.15.1.a. ii) and iv). The round was cancelled and restarted next day from the beginning. The last round was flown on the reserve day. The level of flying was very high with maximum of 52 laps flown by four competitors and only 18 flights were below 40 laps at the distance tasks. In the duration task only 23 flights were not within a few seconds to the 10 minutes task.

The individual winner after four years was once again *Remo Frattini* (ITA) by only 2.6 point difference after very tough flights, whereas the team champion was Germany.

The **F5D** event was led by *Michal Dolejs* (CZE) as contest director and *Jan Zelenka* (CZE) as flight line director. The wireless electronic timing and scoring system was provided by the Model Club of Melnik (CZE) and was operated by the contest director. Generally the system was working well, however the

working load was too high on the contest director and the human errors in signalling and timing can't be avoided by any of the present systems.

The course layout was modified during the pre-contest Turnau Cup, and later on the safety line was moved to fulfil the safety requirement and fit to the given field conditions. Some competitors and team managers (AUS, GBR) were actively helping the organizers in this activity, for example in cutting the grass on the landing area.

Sixteen rounds were flown on four contest days, four, five, three and four on the consecutive days. The procedure for running the contest was working smoothly after some initial problems, mainly caused by human mistakes. The number of re-flights was different after the rounds from 0 to 7.

The individual winner was *Ondrej Hacker* (CZE), the team champion was the Czech team. The best result was achieved in round 10 by the winner having a time of 52.93 sec, which is a new world record (current world record is 55.09). In round 7 he had already a world record time (54.25) that was improved in round 10. A certificate containing the data of the world record setting model was given to the winning competitor for the record dossier, and the preliminary world record claims were sent to the FAI office by the FAI jury president on the same days.

The F5D course layout was at first set by using a laser distance measuring equipment with resolution ability 0.1 m. Later (after the first round) the course was checked and reset by an expert with distance measuring equipment having resolution ability better than 1 mm. The length of two legs was found accurate, while the third leg had to be lengthened by 14 cm. During the record flights the more accurate course was already in use.

The FAI jury also checked the accuracy of the electronic timing system against manual timing by electronic stopwatches. On 176 seconds basis the deviation of the system time to the average of the manual timing was 0.01 second, that is 0.00567 %.

The level of flying was very high in this class as well, 18 competitors had flights below 60 seconds. All the counting flights of the winner were below 60 seconds, the worst was 59.13 sec including the 10 % penalty of one cut, and the average of his counting flights was 56.31 seconds!

Protests

There were no formal protests filed during the championships, one written complaint was handled concerning a timing mistake in F5D and a re-flight was given. There were some verbal complaints, caused by the lack of knowledge of rules and concerning the signalling at the pylons in F5D. All were resolved by the contest director, also verbally.

The lack of protests was the result of the good work of the contest directors and the good cooperation of them with the FAI jury and the team managers.

Jury

The FAI jury was formed by Tomas Bartovsky (CZE), *Manfred Lex* (AUT) and *Andras Ree* (HUN) as president.

Ceremonies

The opening ceremony was organized on the flying field in the big catering tent because of the bad weather. After the greeting by the local authorities the chief organizer and the CIAM president had a short speech and opened the championship. The Austrian and FAI anthems were played. After the ceremony all participants were invited to a buffet in the catering tent.

The prize giving ceremony was organized on the field. After the touching words of the organizer, authorities and sponsors, CIAM president Antonis Papadopoulos expressed the thanks of the CIAM and the F5 community to the authorities, organizers, contributors, contest officials and judges for the championship, the work of the FAI jury, confirmed by a loud outburst of applause, then the championship was officially closed, the Austrian, the FAI and EU anthems were played by a music group.

The prize giving ceremony was followed by the banquet in very good mood.

Trophies

The jury checked the condition of the individual perpetual trophies, both were in order, only the engraving of the two previous winners were missing from the F5B trophy. The handing over of the F5B individual trophy (Puffin Models of Bristol Trophy) was acknowledged by the Italian team manager

Piermario Cavaggioni, and the F5D individual trophy (British Electric Flying Association Trophy) by the Czech team manager Jiri Klein, using the standard CIAM form. Team trophies do not exist in these classes.

Others

In general, the championship was running well. Any raising need was handled by the organizers as soon as it was possible.

Both reserve jury members, CIAM president Antonis Papadopulos and CIAM secretary Massimo Semoli were also invited and present at the WCh to give the leaders of the CIAM Bureau an impression of Austrian organizers abilities and strong involvement of touristic organisations.

Conclusions

The 2014 F5 World Championship was a successful event in both classes. Thanks to the day and night hard working organizers, contest directors, timekeepers, helpers, family members, local ones and from abroad as well. Thanks to them for the work and efforts made for the F5 electric aero modelling community.

The FAI license database was used for checking of license validity, however not all the NACs had uploaded yet their license data.

On behalf of the FAI Jury



Andras Ree
President



Tomas Bartovsky
member



Manfred Lex
member