

Report RC Pylon Subcommittee 2015.

In 2015 the RC pylon subcommittee consisted of 13 members.

Discussions between members of the subcommittee took place via e-mail and in small groups at the World Championships 2015.

This World Championship was held in Olomouc, Czech Republic.

It was a very successful, and the overall performances were at a very high level. The results were closer than ever before.

The average speed of the first 5 competitors at the WC increased slightly (just over 2 km/h) from the 2013 championship, which was slightly less (0,3 km/h) than in 2009, so it may be concluded that speeds did not significantly increase over the last 6 years. Technical proposals to reduce speed are therefore not foreseen for the next period.

Looking at all competitors it can be seen however that more and more competitors are getting closer in race times to the winners.

For example: In 2015 the difference in average race time between nr. 1 and nr. 15 was 2.22 seconds, In 2009 this was 5.01 seconds.

During the world championship the world record was broken twice. In the first round it was broken by Gino del Ponte (UAS) with a time of 55.40 seconds, an improvement of 0.82 seconds over the 2013 world record, held by Christopher Callow (AUS).

Two days later, in round 12 the world record was broken again, now by 2015 World Champion Randy Bridge (USA) at 55.28 seconds.

In the super-finals between the 12 pilots with the fastest race times in the WC, held outside the WC competition, a fast time was flown by Julio Quevedo (Guatemala) at 54.80 seconds. This time cannot be recognized as a record, because a world record time in F3D can only be flown inside the World Championship competition.

More detailed information of this championship can be found in the FAI jury report.

Before and during the championship there have been several contacts between the contest director and the sub-committee chairman to discuss organizational and technical matters. The organization has done all what is possible to meet the FAI/CIAM requirements for a World Championship, including current safety requirements.

The Contest Director held several TM meetings, almost every day, which proved to be effective to solve (potential) problems. There were no major issues here or issues that need solutions for future championships.

One round had to be broken off because of bad weather; after a decision of the FAI jury it was re-flown completely the next day under good weather conditions.

This World Championship gave no urgent problems that make rules changes necessary on short notice.

Three Euro cup competitions were held in Siziano (I), Melnik (CZ), and Palsboda (SWE), which had 64 competitors. The Euro cup was won by Carlo Perella from Italy.

Results are appended to this report.

Technically the use of mufflers is solved now in F3D. There are no more products for exhaust systems on the market without integrated mufflers. Also at this world championship the processing of the mufflers, using the electroacoustic testing device, proved to be quick and without problems. Many were tested at processing day at the F3D world championship, most of them fulfilled the acoustic requirement with a high margin.

A (not fully systematic) analysis of ground impact positions due to crashes and/or mid-air collisions was carried out during the WC and on 2 of the Euro Cup competitions. The earlier data were again confirmed; no crashes in the safety areas.

From these data there is no reason to modify the safety areas in the rules. This is as well for the pilots area as for the pits and judges positions and also for the spectators areas.

At the World Air Games, to be held in Dubai (UAE) 1 - 12 December, the class F3T Semi Scale Pylon racing with controlled technology, will be one of the events.

In March a selection was made for the 16 pilots that will compete there, selected from countries that have performed well in the last two F3D World Championships, taking into account a maximum spread over countries and continents.

The sub-committee chairman is involved in the preparation of the event.

Rob Metkemeijer

Chairman RC pylon racing Sub Committee

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appended: EC results 2013