

CIAM Free Flight Subcommittee 2013

The 2013-14 Subcommittee has 15 members. Russia had not listed an F1 expert on the 2013 CIAM Experts List and the nomination shown for USA was the previous SC member who had resigned early in 2013. NAC approval was requested for two potential members from these countries but no replies were received.

Subjects covered during the year have included:

- Performance of F1A F1B F1C models. The large flyoffs at the 2013 World Championships have been discussed and, while the conditions were exceptional, the question of model performance remains under review but 2014 Plenary is not the year for class changes. It was agreed that it is now illogical to have the first round extended maximum in F1A shorter than that for F1B and F1C, but a proposal to change this was not submitted because of the year.
- Danger of F1C models. There were a number of crashes at the World Championships and the SC discussed actions to reduce the danger. These included
 - a) moving the spectators further away, but this does nothing to improve safety for those in the launch area
 - b) making helmets mandatory or advisory for people in the launch area. A proposal has been submitted making helmets advisory.
 - c) the major danger is from models hitting the ground under power. A proposal has been submitted to disqualify any competitor whose model crashes with the motor still running. The aims of this include encouraging use of the radio motor stop/DT facility to alleviate the danger of a crashing model.
- F1C fuel. A proposal has been submitted to require advance information to be provided about fuel composition to be provided at a Championship.
- Calculation of recorded score.
 - a) In the regular free flight classes the procedure of taking the mean of recorded times and rounding down to the nearest whole second can produce a harsh result when close the maximum time. To give a fairer result it is proposed to change to rounding to the nearest second.
 - b) In F1E the defined scheme of recording percentage scores on a scoreboard rounded down to 2 decimal place can result in anomalous results if these rounded down percentages are added for the total score. It is proposed to change from rounding down to rounding to the nearest percentage to 2 decimal places.
- People in the launch area. For Junior Championships it is defined that the people from a team allowed at the starting position are the competitor, his helper and the team manager or assistant team manager. There is no equivalent restriction for other Championships. It is proposed to extend the Junior rule to all Championships.
- Championships bids. A proposal to limit participation in Plenary decisions on bids has been put forward following, for example, the choice of F1E venue by more votes double the number of countries flying the class
- F1Q rules. The SC discussed the added complexity and system definitions introduced by the changes approved at the 2013 Plenary meeting. A number of complaints were received from people outside the SC. A proposal has been submitted for simplifications to the rules including changes to established and changed parts of the specification.

- E36. A simple class for small electric models has been developed in the USA and adopted by a number of countries and is proving very popular. The SC proposes to include this as an FAI class to be flown at events for the existing small model classes like F1G and F1H.

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