

MINUTES

SOCIETY OF MODEL AERONAUTICAL ENGINEERS LTD

(T/A British Model Flying Association)

Minutes of the **Technical Council Meeting**

held on the 22nd October 2016 at 11am

at Chacksfield House, 31 St Andrews Road, Leicester LE2 8RE

Provisional until confirmed at the next Technical Council Meeting

PRESENT

David Varallo	Meeting Chairman / Technical Secretary
Jo Halman FSMAE	Competition Secretary/Meeting Vice-Chair
Peter Halman FSMAE	FAI Delegate
Mike Colling FSMAE	Indoor TC Representative
Vernon Hunt	CLTC Representative
Mike Woodhouse FSMAE	FFTC Representative
Mike Proctor FSMAE	R/C Silent Flight Member
Clive Needham	R/C Silent Flight Representative
Ashley Hoyland	GBRCAA Representative
Geb Jones	BMPRA Representative

In Attendance

Linda Harding	Office Manager / Minute Taker
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AGENDA

- 1 Apologies for Absence.
- 2 Request for permission to be absent.
- 3 To verify the voting strength of the meeting.
- 4 Correction and adoption of the Minutes of the Technical Council Meeting held on 19th March 2016.
- 5 Matters/Actions Arising from the meeting on 19th March 2016 that are not included elsewhere on this Agenda.
- 6 Website.

- 7 Technical Secretary's reminder to Technical Committees that the very latest that they may submit rule changes is the end of the first week in January but he expects rule changes to be submitted between now and the end of November.
- 8 To receive proposals for FAI Rule changes: (Full proposals appended)
- a F3A (RC Aerobatics)
- 9 To ratify the following British Record Claims:
- a Alan Hill / Matthew Rodgers / Christopher Bradford – 27/08/16 Barton B TR Final
- b Derek Heaton / Anthony Eifflaender – 28/08/16 85 Vintage TR Lap Heat
- c Derek Heaton / Anthony Eifflaender – 28/08/16 170 Vintage TR Lap Final
- d Peter Fox - 28/08/16 Weatherman Speed
- 10 a) To receive FAI/CIAM Technical Sub-Committee List recommendations from Technical Committees & RCP Specialist Bodies.
- | | |
|-------------------------------|---|
| Free Flight (Includes Indoor) | F1 Ian Kaynes FSMAE |
| Control Line | |
| R/C Power | |
| F3 Aerobatics | F3A Matthew Hoyland
F3A Ashley Hoyland |
| F3 Helicopter | |
| F3 Pylon Racing | |
| F5 Pylon Racing | |
| R/C Silent Flight | |
| F3 Soaring | |
| F5 Electric | |
| Scale | |
| Space Modelling | |
- 11 To receive FAI/CIAM Judges List recommendations from Technical Committees & RCP Specialist Bodies.
- | | |
|-----------------|--|
| Control Line | |
| F2A. | |
| F2B | |
| F2C | |
| F2D | |
| R/C Power | |
| Aerobatics | F3A Robert Ailles
F3A Peter Brett
F3A Peter Cappelman
F3A Adrian Mansell
F3A Alan Simmonds |
| Helicopter | |
| Scale | |
| Space Modelling | Stuart Lodge |

- 12 Barkston Heath Bookings 2017
- 13 To receive:
 - a De-briefing reports on this year's National Championships from Technical Committees.
 - b A report from the Power Nationals Co-ordinator.
(Reports should be brief, preferably in writing & in advance.)
 - c Updates on the results from this year's National Championships.
- 14 To receive any reports from Technical Committees. (Reports should be brief, preferably in writing & in advance and not concerning Agenda Items.)
- 15 To receive a report from the Competition Secretary to include:
 - a Receipt and ratification of any contests for next year's FAI Calendar.
- 16 To receive any reports from Council, Sub-committees or Elected Officers. (Reports should be brief, preferably in writing & in advance and not concerning Agenda Items.)
- 17 To receive the list of nominations that the Competition Secretary has submitted to the BMFA Chairman for re-presentation of International Awards at the BMFA annual prizegiving dinner. (Invitations are at the discretion of the Society Chairman and depending on the numbers, not all nominees may be successful.)
- 18 To receive the dates of the 2017 Technical Council Meetings:
1st Technical Council – Saturday 18th March 2017
2nd Technical Council – Saturday 14th October 2017
- 19 Any Other Business.
Please note: Items for Any Other Business should be handed, or sent, to the Office Manager in writing before the meeting commences.
Any questions to be asked under AOB that require detailed answers should be previously advised to the Office Manager to allow preparation of replies.
- 20 Date of next meeting.

The Minutes begin below

MINUTES

TC863/10/16 (1) Apologies for absence.

Apologies were received from Simon Vaitkevicius Records Officer, Robin Gowler FSMAE Scale TC Representative, Chris Allen Scale TC, Barry White IMAC, Steve Roberts AHA, Dave Milkins Model Balloon UK.

It was noted that there had been no apology from BFPVRA (British First Person View Racing Association) Specialist Body.

TC864/10/16 (2) Request for permission to be absent.

There were no requests.

TC865/10/16 (3) To verify the voting strength of the meeting.

There were ten (10) members eligible to vote.

TC866/10/16 (4) Correction and adoption of the Minutes of the Technical Council Meeting held on 21st March 2015

Page 7

- **Technical Committee reports, second paragraph –**
Fourth line, insert “in” after “ in between assistance” and “helping”;
- **Sixth paragraph –**
Fourth line, insert “some” in between “that” and “jet”.

Page 8

- **Competition Secretary Report, second paragraph –**
Second line, replace “on” with “at”.

CLTC proposed that the Minutes of the Technical Council Meeting held on 19th March 2016 be accepted as a true record of that meeting.

Seconded by Indoor TC

Vote: For: 9
 Abs: 1
 Ags: 0

Carried by a majority vote.

ACTION / NOTES

TC867/10/16 (5) Matters/Actions Arising from the meeting on 19th March 2016 that are not included elsewhere on this Agenda.

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- **First paragraph, Action Webmaster/Comp Sec –** The oversized logo at the top of every page of the BMFA website has still not been reduced. The Office Manager reported that changes have been made to the website, which has taken on a complete new look and this will be effective from Monday 24th October.

- **Third paragraph, Action Records Officer – Update Records List for publishing on the website –** The Chairman reported on behalf of the Records Officer, that the new simplified version of the Records List is still work in progress however the Records Officer has updated the existing Records List which has been published on the website.

The Competition Secretary commented that it is very important that we keep a historical record of claims. When a record changes, we still need to maintain a list of the previous record holders. We don't have that information at present but it is something to consider whilst updating the format of the current Records List. The Chairman concurred and added that the new format would be able to accommodate this.

RECORDS OFFICER

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- **Sixth paragraph, Action Silent Flight/Indoor – 2015 Nationals results for Silent Flight and Indoor are still not published on the website** - The Indoor Representative advised that he had requested this to be done. For expedience he will forward the information to the Competition Secretary to upload onto the website.

**INDOOR /
COMP SEC**

Mike Proctor FSMAE, the Silent Flight representative said that he would endeavour to complete the action.

SILENT FLIGHT

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- **Third paragraph 2016 Power Nationals updates, heading “Results”** – The Minutes of the March meeting record that “the Records Officer will send the 1-2-3 results NCR sets to the CD’s, receipt of which will be required in time for publication in the October issue of BMFA News magazine.” It was noted that unfortunately this did not happen. The CD’s did not receive the 1-2-3 NCR sets neither did the Control Line co-ordinator and the results have still not been published in the BMFA News magazine.

**RECORDS
OFFICER**

- **Fourth paragraph, record classes for multi-rotor** – The Records Officer withdrew a proposal to introduce new record classes for multi-rotor at the March Technical Council Meeting as he was aware that CIAM would be debating multi-rotor model flying at the Plenary Meeting in April.

The FAI Delegate updated today’s meeting with the outcome of the debate at the CIAM Plenary Meeting in April. A discussion document was published by the FAI/CIAM outlining plans to incorporate all FPV aircraft flying into the current FAI drone section of the rules, which is for UAV aircraft and is being administered through CIAM. The FAI Delegate had registered his concerns to CIAM with regard to this proposal and hopefully they will be taken on board in the continuing debate.

Page 8

- **Any Other Business, provision of medical assistance at Championships** – The Competition Secretary advised that the FAI Sporting Code ABR section does include an Organisers guide which covers guidance in respect of the appropriate level of first aid at European and World Championships.

This concluded matters arising.

TC868/10/16 (6) Website.

The Office Manager advised that the Website Manager has placed a notice on the website informing that from 12 noon on Monday 24th October the website will be closed for a short period for maintenance and restructure work.

The Free Flight Representative reported that the Free Flight website transfer to the BMFA website seems to be working fine. Anyone signing up to the Free Flight website will automatically receive notices of any postings.

TC869/10/16 (7) Technical Secretary's reminder to Technical Committees that the very latest that they may submit rule changes is the end of the first week in January but he expects rule changes to be submitted between now and the end of November.

The Technical Secretary (Meeting Chairman) duly reminded Technical Committee Representatives that he wished to receive rule changes ideally by the end of the year.

**ALL TECH
CTTEE'S / RCP
SPEC BODIES**

The G/BRCAA representative advised that their AGM is not scheduled until December 3rd but he will endeavour to submit the rule changes soon after that date.

TC870/10/16 (8) To receive proposals for FAI Rule Changes.

The GBRCAA representative provided background information and reasons for the following rule change proposal:

F3A (RC Aerobatics) – Paragraph 5.1.2 General Characteristics of Radio Controlled Aerobatic Power Models, sub paragraph g)

With the propulsion device running at full power, the measurement will be taken 90 degrees on the right-hand side, with the nose of the model pointing into wind. The Class 1 **IEC 61672 (minimum Class 2, certificated, IEC 60651)** SLM (sound level meter) microphone shall be placed on a stand 30mm above the ground in line with the propulsion device. Other.....

Proposed by the FAI Delegate, Seconded by GBRCAA
Carried unanimously

FAI DELEGATE

The FAI Delegate pointed out that he believes it would be a better option not to include the 'supporting data' when submitting the full proposal to CIAM but just to include the short summary as part of the reasons, as follows:

"1 – Class 1 in itself is not a definition – it should be Class 1 IEC 61672 or Type 1 IEC 60651 etc.

FAI DELEGATE

2 - Plus or minus tolerance should not be used. These uncertainties should be factored into the required limit value and not added afterwards. In other words, define 94dB(A) for example and stick to this level. Any uncertainty regarding the instrument should be factored in and be based on the international specification met by the instrument (ie Class 2 or Class 1 IEC 61672 etc.)."

Cont'd/...

Rule
Change
Proposals
Cont'd/...

The Chairman handed over to Clive Needham Silent Flight representative to introduce an AOB which is more appropriate to discuss at this point, regarding proposed rule changes to the FAI Sporting Code Section 4 Volume F3 Radio Control Soaring (F3B Duration).

Clive explained the background to this item and that he is aware that the document might be inappropriately worded as it had been produced in haste so as to be able to present it to this meeting. He was happy to be guided by the FAI Delegate and the Competition Secretary if they wanted to review the format before submitting it to CIAM.

Following discussion it was suggested that Clive sends the proposal in its current form to the Competition Secretary and the FAI Delegate (copied to the Technical Secretary) so that they can work on the document in preparation for submission to CIAM.

**CLIVE NEEDHAM/
COMP SEC/
FAI DELEGATE**

TC871/10/16 (9) To ratify the following British Record Claims:

- a) Alan Hill (051581)/ Matthew Rodgers (182997)/ Christopher Bradford (190109) Barton B Team Race Final 27/08/16 – 6 mins 15.50 secs (Final)

**RECORDS
OFFICER /
OFFICE**

Proposed by the Records Officer, Seconded by the CLTC
Carried unanimously

- b) Derek Heaton (050550)/ Anthony Eifflander (064147) Vintage Team Race Heat 28/08/16 – 3 Mins 13.06 Secs (Heat)
&
c) Derek Heaton (050550)/ Anthony Eifflander (064147) Vintage Team Race Final 28/08/16 – 6 Mins 45.9 Secs (Final)

The Competition Secretary, having consulted the Records List, commented that she thought it was very strange that there had been no other record holders since 2003 which is highly unlikely for this category.

The above Record Claims were approved, with the proviso that records are checked to establish previous record holders since 2003.

**OFFICE MGR /
COMP SEC**

Proposed by the Records Officer, Seconded by the FAI Delegate
Carried unanimously

**RECORDS
OFFICER/
OFFICE**

- d) Peter Fox (161949) Weatherman Speed 28/08/16 – 85.35 mph
This was withdrawn by the Records Officer pending further investigation.

**RECORDS
OFFICER**

Cont'd/...

- Record
Claims
Cont'd/...
- e) The Chairman was happy to consider an additional Record Claim, as follows:
Ben Jones (089029) / Geb Jones (085217) F3D Pylon Racing (Heat) 01/10/2016 – 0 Mins 55.19 Secs
Proposed by the Chairman, Seconded by the Competition Secretary
Carried unanimously

**RECORDS
OFFICER /
OFFICE**

TC872/10/16 (10 a) To receive FAI/CIAM Technical Experts List recommendations from Technical Committees & RCP Specialist Bodies.

Control Line

F2A – Peter Halman FSMAE, Jo Halman FSMAE
F2B – Barry Robinson
F2C - Chris Barker, Derek Heaton
F2D – John James, Vernon Hunt, Mervyn Jones

R/CP Specialist Bodies

F3 Aerobatics – Matt Hoyland, Ashley Hoyland
F3 Pylon – Geb Jones
F3 Helicopter – Stephen Roberts
FPV Racing – Eric Li-Koo

Silent Flight

RC Soaring – Clive Needham
RC Electric – Mike Proctor FSMAE, George Shering

Free Flight

F1 – Ian Kaynes FSMAE

Scale

F4 – Chris Allen, Andy Sephton

10 b) To receive the FAI Delegate's recommendation for the FAI/CIAM Education Sub-committee.

FAI Delegate recommended Mike Colling FSMAE.

TC873/10/16 (11) To receive FAI/CIAM Judges List recommendations from Technical Committees & RCP Specialist Bodies.

Control Line

F2A – Peter Halman FSMAE, Jo Halman FSMAE, David Brewin
F2B – John Bonner, Barry Robinson, Roger Ladds
F2C – Chris Barker, Bernie Langworth, Malcolm Ross, Derek Heaton, Mike Crossman
F2D – John James, Vernon Hunt, Gordon Price, Mervyn Jones

Cont'd/...

Judges
List
cont'd/...

R/CP Specialist Bodies

F3A, F3P, F5A, F3M – Bob Ailles
F3A, F3P, F5A – Peter Brett
F3A, F3P, F5A – Peter Cappleman
F3A, F3P, F5A – Adrian Mansell
F3A, F3P, F5A – Alan Simmonds
F3C – Kevin Lever, Jason Markey
F3N – Jason Platts

Scale

F4 – Chris Allen, Andrew Hewitt, Stephen Kessel

Space

Stuart Lodge

TC874/10/16 (12) Barkston Heath Bookings 2017.

No information available.

TC875/10/16 (13) To receive:

a) De-briefing reports on his year's National Championships from Technical Committees:

***** **FFTC – WRITTEN REPORT (APPENDIX A)**

ADH Publications, sponsors of the Free Flight Nationals have gone into liquidation. If sponsorship money is not forthcoming it will make difference to the Free Flight Nationals profit figure. The FFTC would like to have Free Flight Scale again next year at their Nationals and FF Scale have said they would like to be there.

Scale TC – WRITTEN REPORT (APPENDIX B)

SFTC – There had been difficulty finding a suitable venue to hold all of the classes at the same time. This meant they had to organise separate competitions for the different classes. Despite this it all worked out very well. There had not been enough competitors for F3B and so it will not be held in the future. Four classes were held at Wetlands, Two at Twywell and the two remaining were flown as part of leagues. This was the only way to get everything done.

Indoor – The Indoor Nationals were held in the Brabazon Hangar at Filton over three days and it was very successful. There were thirteen classes held and twenty-six competitors. The first Team Trials were also held, as part of the Nationals. The second Team Trials were held on 19th October, the conclusion of which resulted in the team comprising: Mark Benns, Martin Judd and Tony Hebb.

Cont'd/...

Control Line – The ~~CLTC Secretary~~ **CL Nats Co-ordinator (CLNC)** (Jo Halman FSMAE, Competition Secretary) reported that it was not an easy task having to organise the separate Control Line competitions which comprised five different venues on six different dates. Mini Goodyear was the last competition to be held on 9th October. Because of the split, results were received at different times and because the entry fees were collected by the individual CD's, this caused a huge amount of work for the ~~Competition Secretary~~ **CLNC**. That said the competitions were a success.

However, the consensus is that if in future nowhere can be found to host all of the classes at one venue, they will be segregated in the same way as they were this year.

The Competition Secretary continued with a general report on the rest of the Power Nationals. The radio control classes held were Aerobatics in Birmingham, Helicopter at Husbands Bosworth and Pylon at Garstang. No competitions were held for Fun Fly and IMAC.

The Competition Secretary expressed her gratitude to the Technical Committees and the relevant R/C Power Specialist Bodies who all did an excellent job in organising the individual classes.

- b) **Power Nationals Co-ordinator** – No report.
- c) **Updates on the results from this year's National Championships.**

The Competition Secretary expressed her gratitude and thanked everyone concerned because for the first time ever, every single Nationals result has been uploaded to the BMFA website. Not only that but they were all uploaded very soon after the competitions were held. It is a major improvement.

TC876/10/16 (14) To receive any reports from Technical Committees and R/C Power Specialist Bodies.

******* Free Flight - WRITTEN REPORT (APPENDIX C)**

Control Line (verbal report) – CLTC Chairman reported that he would not be standing for re-election after his retirement on the CLTC in November.

He also advised that Jo Halman FSMAE had resigned with immediate effect from the CLTC. CLTC have appointed an interim Secretary until the re-elections and first CLTC meeting of the new committee have taken place. Jo Halman FSMAE will, however be completing any work in progress that she has.

Cont'd/...

The CLTC Chairman continued with his report and advised that, due to inclement weather conditions throughout the year they lost quite a few competitions. The Competition Secretary advised that, of the eight competitions including the Nationals that were scheduled, five had to be cancelled because of the weather this year. That is the most Speed has ever had to cancel.

The CLTC Chairman continued with his report. It is becoming increasingly difficult to find suitable venues to fly Speed and Team Race classes other than Barton, which doesn't involve too much travelling for some of the competitors, especially on a Sunday evening when the motorways are extremely busy. CLTC are putting their hopes in the 'National Centre' to be ready for use early in 2017, which should solve a lot of problems.

The CLTC Chairman congratulated Paul Eisner on becoming the World Cup Champion in Speed. Paul is only the third person from the UK to win the World Cup Series competition.

This meeting extends their congratulations to Paul Eisner.

CLTC Delegate Vernon Hunt commented that Vintage Combat Class had highest ever entry for the Nationals this year but there is still a lack of junior members entering this class. F2D only had six entries this year. The FAI Delegate commented that there is probably something wrong with the class which is why numbers are so low and it might be necessary in time to look at introducing a new international combat class. The Competition Secretary pointed out that this would not however solve the problem of a lack of junior members in this class.

Silent Flight (verbal report) – Sadly and unfortunately SFTC will not be continuing with F3B flying. There are not enough flyers to make it a viable class.

The bid to hold the 2018 F3F Championships has been withdrawn.

All league competitions are completed. There was no F3J Interglide competition held in 2016 and it is highly unlikely that there will be a UK F5J competition in 2017, as it is proving difficult to organise.

Indoor (verbal report) – Unfortunately as a result of this year being an Olympic year there has been no availability at weekends to book Manchester Velodrome. Hopefully, if the Velodrome can accommodate, the remaining four classes to be held will take place during mid-week.

It is also likely the North West Area Gala will not be taking place, as it is also usually held at the Velodrome. Hopefully the next winter season will be less busy there.

GBR/CAA – WRITTEN REPORT (APPENDIX D)

BMPRA (verbal report) – Geb Jones, BMPRA representative reported that they managed to get some of their Nationals classes in. The Nationals competition was also their Team Trial event. Nationals Championships, although successful didn't compare to the usual event at the Power Nationals. It is a key loss not to have a major event like the Power Nationals because that is where youngsters are able to come and see them fly and maybe attract some interest.

IMAC – WRITTEN REPORT (APPENDIX E)

TC877/10/16 (15) To receive a report from the Comp Secretary

The Competition Secretary reported that she continues to spend an excessive amount of her time having to check & chase people for actions, data or reports.

She informed the meeting that all the 2016 Nationals entry forms (NEFs) except for Indoor Scale were created as fillable pdfs and had been available on the BMFA website. The Indoor Scale NEF was scheduled for early in the year and mis-communication meant that a Scale-designed entry form had been published in the BMFA News rather than being submitted to the Competition Secretary to be designed in the BMFA corporate style and as a fillable pdf.

She reminded the meeting that NEFs are no longer published in the BMFA News and that data must be sent in a timely manner to the Competition Secretary so that fillable pdfs may be produced in the corporate style and then uploaded to the BMFA website.

The Competition Secretary had worked closely with Andy Symons on the website development regarding the various National championships, all results and competitions in general.

With the unavailability of RAF Barkston Heath for the "Power Nationals" this year, the Radio Control (RC), Control Line (CL) and Scale disciplines held separate National Championships, "SepNats". In all sixteen "SepNats" were held.

The 2016 FAI Championships medal successes to be forwarded to the Society Chairman for re-presentation at the Society's annual dinner are:

F1D (Indoor Duration) World Championships

Team Bronze: Tony Hebb, Mark Benns & Hans Staartjes
(Team Manager Derek Richards)

Cont'd/...

F2A (CL Speed) World Championships

Individual Gold: Paul Eisner, World Champion
Individual Silver: Peter Halman

F4H (RC Stand-off Scale) World Championships

Team Bronze: Mick Reeves, Richard Crapp & Dave Toyer
(Team Manager, Stephen Kessel)

F3N (RC Freestyle Helicopter) European Championships

Team Gold: Duncan Osbourn, Dave Fisher, Steve Gerrard & Aaron Cole (Junior)

(Team Manager, Julie Fisher)

Junior Gold: Aaron Cole (Junior)

The F3N Junior Team gold was won by Aaron Cole on the very first occasion as a British Team member.

The Competition Secretary pointed out that, yet again, a BMFA competition had been instituted by the office staff without any reference to her. This time it was the RC "First Person View" multi-copter racing competition for the RAeC Queen's Cup. In order for the competition to actually go ahead, the Competition Secretary, in the absence of the Technical Secretary who was away on holiday, had to compile an emergency set of rules from various BMFA/BFPVRA draft documents that she and the Technical Secretary had been involved with since May.

However, until there are FPV racing rules in the BMFA rule book then no further BMFA FPV racing competitions may take place.

~~She has only received three 2017 UK hosted World Cup registrations – the Stonehenge and the Equinox FF World Cups and the F3A Aerobatics World Cup at Ashford – for registration for the 2017 season. This year ten had been held. She reminded the meeting that the deadline for receipt of World Cup registrations by the FAI is the 15th November. Registrations must be with her no later than 1st November.~~

a) Receipt and ratification of any UK hosted contests for next year's FAI Calendar.

~~The Competition Secretary reported that she had only received three applications for next year's FAI Calendar, which is much less than for 2016. So far received, Equinox Cup, Stonehenge Cup and F3A World Cup.~~

She has only received three 2017 UK hosted World Cup registrations – the Stonehenge and the Equinox FF World Cups and the F3A Aerobatics World Cup at Ashford - for registration for the 2017 season. This year ten had been held. She reminded the meeting that the deadline for receipt of World Cup registrations by the FAI is the 15th November. Registrations must be with her no later than 1st November.

Absolute deadline for receipt of any further applications must be with the Competition Secretary by 2nd November.

TC878/10/16 (16) To receive any reports from Council, Sub-committees or Elected Officers.

******* FAI Delegate – WRITTEN REPORT (APPENDIX F)**

In addition to his written report the FAI Delegate advised that with reference to the CIAM Rules that are due to be published in January 2017, the section in the CIAM Rules ~~previously~~ formerly known as the ABR Volume, will now be known as the CIAM General Rules. In that respect the FAI Delegate advised Technical Committees to be aware when checking cross reference links back to the ABR, as they have been replaced with new cross references and certain items have been removed from the ABR section mostly relating to F1.

The FAI Record Rule Book is being re-written and there will be some technical specification changes particularly regarding record claims for electric powered models.

Technical Secretary (verbal report)

The Technical Secretary reported that earlier in the year he encountered problems with his PC when the hard disk crashed. Fortunately though all his work was recovered.

Rule books were successfully updated. Work is still in progress with updating the records rule book. The next major task is to complete the revised members' handbook.

TC879/10/16 (17) To receive the list of nominations that the Competition Secretary has submitted to the BMFA Chairman for re-presentation of International Awards at the BMFA annual prize-giving dinner.

F1D (Indoor Duration) World Championships Team Bronze
Comprising Tony Hebb, Mark Benns and Hans Staartjes and Team Manager Derek Richards

F2A (CL Speed) World Championships

Individual Gold Paul Eisner, World Champion

Individual Silver Peter Halman FSMAE

F4H (R/C Stand-off Scale) World Championships Team Bronze
Comprising Mick Reeves, Richard Crapp, Dave Toyer and Team Manager Stephen Kessel

F3N (R/C Free Style Helicopter) European Championships Team Gold

Comprising Duncan Osbourn, Dave Fisher, Steve Gerrard, Aaron Cole (Junior) and Team Manager Julie Fisher

F3N Junior Team Individual Gold - Aaron Cole

The Competition Secretary will submit this list to the BMFA Chairman.

TC880/10/16 (18) To receive dates of the 2016 Technical Council Meetings.

1st Technical Council – Saturday 18th March 2017
2nd Technical Council – Saturday 14th October 2017

TC881/10/16 (19) Any Other Business

The Chairman had received prior notice of an AOB item from Ashley Hoyland, GBRCAA Representative.

Ashley raised concerns that the Electric Indoor Masters (EIM) competition is not attracting the level of international entries that it used to. It was a fairly unique event in the beginning however it has gained in popularity and more competitions are now being held in Europe.

Ashley believes that the UK hosted event would benefit if it was given World Cup status, but this would come at a considerable cost, mainly in respect of the requirement for international judges. He is seeking the advice of Technical Council as to whether this would be a viable proposition.

The Competition Secretary advised, after checking the rules, that there is not an F3P World Cup classification but there is an Open International classification.

The EIM Competition has for several years been held in February however in 2017 it is being held in January. The Competition Secretary suggested we wait and see if this makes a difference to the number of European entries.

In the meantime Ashley said he would make enquiries into the requirement for judges for an Open International event and he will report back to the Competition Secretary.

TC882/10/16 (20) Date of next meeting.

The next meeting will take place on
Saturday 18th March 2017

The Chairman closed the meeting at 3.08 pm.

Circulation: All attendees of the meeting

Copies to:

All Technical Committee Members
All Members of the Full Council
Secretaries of Specialist Bodies
Fellows (Selected)
Office Manager

Chief Executive
Development Officer
Club Support Officer
Club Bulletin
Accounts Manager

Note: Those with voting rights are the Chairman and Vice Chairman of the meeting, the FAI Delegate, Records Officer and two members from each of the ~~six~~ five Technical Committees. The voting representatives of the Technical Committees can be any two members of the Committee, elected, co-opted or Specialist Body representative.

Free Flight Nationals

It's all over bar the shouting! Hopefully not too much of that!

The weather was OK. Yes it got breezy on Sunday but overall the event went well. The wind did oblige in that it stayed in the same quarter for all three days so no control move was required, the predicted rain arrived on Tuesday. The biggest issue was the quarantined area around the building work, which was managed through the positioning barriers to prevent the incursion of models. Only two models avoided the controls and escaped, the rescue procedures put in place sorted the escape.

No real issues were encountered throughout the weekend. The only problem was one damaged landing light, the perpetrator has owned up.

In 2015 the PA was not very effective. This year the announcements were heard far away in the campsite!

The farmer liaison worked well as we have received thanks for the procedures and attitude of those retrieving from the farming community.

The scale official events fitted in well. Perhaps they would like to come back in 2017?

The safety concerns re the Bowden in previous years were well addressed and managed.

We've received some positive feedback and some useful suggestions for 2017 to improve the management of the event.

A comprehensive set of results is now being collated and will be distributed ASAP.

The finances have not yet been sorted however the entries were up by approximately 20 on 2015 that's about 10%. The first look at the figures suggests that the event will make a small profit.

Thanks for all your support and help in what seems to have been a successful happening. Now we plan for 2017.

Michael J. Woodhouse

Scale Nationals Report to Tech Council 2016

Having been denied the use of Barkston Heath for the Scale Nat's the members of the STC were obliged to expend a considerable amount of time and effort to obtain suitable sites for the R/C, Control Line and Free Flight Nationals.

The Scale Free Flight Nat's were eventually held at Barkston Heath with the Free Flight Nat's over the May bank holiday weekend and the Scale Technical Committee (STC) are grateful for the co-operation of the Free Flight Technical Committee (FFTC) which made this possible. This arrangement proved so successful that a majority of the Scale Free Flight competitors has requested that this arrangement should continue in future years. Subject to approval from the FFTC, the STC has agreed to support this request.

The Scale R/C and C/L Nat's were held at RAF Honington following an invitation from RAFMAA to share this venue with their annual championships and fly-in on the weekend of July 30th & 31st. The use of this venue brought with it some limitations, such as the increased security and the absence of overnight camping for competitors. However on the plus side we were granted access to the airman's mess for meals, which was only a 5 minute walk from the flight line, we enjoyed the use of a 200ft wide runway with no obstacles e.g. landing lights and we were able to erect a marquee for shelter and overnight model storage. Sadly, entries were disappointingly low but we had adequate time for three rounds in each of the three R/C classes (F4C, Stand Off and Flying Only) and Scale C/L achieved a result albeit with only two competitors. Ian Pallister's tireless liaison work deserves special mention and the STC is grateful to RAFMAA and the OC RAF Honington who made the event possible.

The Indoor R/C Scale Nat's was scheduled for 23rd October at RAF Shawbury, but despite John Minchell's efforts to promote this event, there was insufficient support and confirmed entries just one week before the event and reluctantly the STC have had no option but to cancel it. It is hoped that the 2017 event which is scheduled much earlier in the year on 26th March will attract more support.

Chris Allen STC Chairman

19 Oct 2016

Free Flight report 2016

The organisational team within the FFTC continues to remain relatively stable. Retiring members are again seeking re-election, there appears to be no competition for places. This year Trevor Grey retired early after suffering a minor stroke, Mark Benns stepped in and is applying for formal election for 2017, Trevor has made a full recovery.

The numbers involved and enthusiasm within free flight remains reasonably healthy and competition activities have been good. The biggest impact upon activity continues to be the availability of flying sites. The loss of Barkston Heath has impacted participation as well as problems with North Luffenham, Middle Wallop and Salisbury Plain. It was good to be back on Barkston Heath for the Free Flight Nationals and participation was at previous years levels. SAM35 are now back participating within the BMFA organisation. This year's Free Flight Nationals, despite site restrictions, went well and preliminary figures suggest a reasonable surplus will result.

The FFTC relationship with the Office and CEO works well and progress has been made and the outlook, from the free flight point of view looks positive. The FFTC website is currently in progress of being transferred and integrated into the BMFA site.

The FFTC worked with the Technical Secretary to reduce the duplications between the free flight rules and the general rulebook. The rules change process for 2016 is ongoing. We have yet to finalise the ideas that increase the control of free flight in line with the current DLA requirements

Teams were sent to the F1A, F1B, F1C and F1E European Championships. This year's results were a disappointment. Again we had an entry in the European Junior Championships where Jo Gibbs finished with a credible result.

The FFTC held a forum in the spring of 2016 that considered the way forward and the future of the discipline. The results and ideas generated are being worked on and considered by the FFTC

Michael J. Woodhouse – FFTC chairman and council delegate August 2016

GBR/CAA Report to BMFA Technical Council - October 2016

F3P (Indoor Aerobatics).

Our F3P Season finished in February after several official practice sessions, league competitions and three BMFA Team Selection events which included the Electric Indoor Masters organised by and with thanks to Andy Symons. Matt Hoyland was contest Director and Master of Ceremonies.

Liam Clayton (BMFA S177367) won the EIM BMFA Windssock Trophy voted on by the public and presented for the first time for Freestyle Aerobatics.

Conner Stephenson won the team selection league and the GBR/CAA FAI Domestic league was won by Steve Schafer.

Our team representing the UK at the World Championship in Strasbourg, France in February 2017 is Connor Stephenson (BMFA S158081) , Steve Schafer BMFA (S117625) and Liam Clayton (BMFA S177367).

Our 2016/2017 practice sessions start in October and our first of 3 BMFA Team Selection competitions is on the 13th November 2016.

F3A (Aerobatic Power Model Aircraft).

After a very successful 2015, our competition calendar for 2016 was agreed early in the year and followed a similar pattern.

We held a judges/pilots one day seminar and invited Bob Romijn (Netherlands), FAI judge to talk to us.

Competitions held:

- 1 New Pilots Open Day
- 12 GBR/CAA Domestic competitions
- 4 BMFA Team Selection competitions
- 1 World Cup 3 day competition.
- BMFA British Nationals Championship - 2 day event.
- GBR/CAA Championships

Our members have flown at:

World Cup League events in France, Belgium, and The Netherlands.

The Triple Crown Ireland.

F3A European Championship – Germany

Notable results

Matt Hoyland won the UK World Cup competition with Derk van der Vecht (NED) a close second and Nils Bruckner (GER) third. There were 20 competitors.

England, Ireland, Scotland international team competition, The Triple Crown was hosted and won by Ireland. England team, Keith Jackson, Gerhard Fehringer, Adrian Harrison, Brian Hoare came second. England will host this event in 2017

The European Championship: Matt Hoyland 22nd, Kevin Caton 48th and Gerhard Fehringer 58th out of 70 competitors. UK team placed 12th out of 25.

1st Gernot Bruckmann (AUS), 2nd Lassi Nurila (FIN), 3rd Christophe Paysant-Le Roux (FRA).

Junior competitors = 10

1st Andrea de Vidi (ITA), 2nd Andre Bracht (GER) 3rd Leo Heckman (FRA).

Teams = 25

1st Switzerland, 2nd Austria, 3rd France.

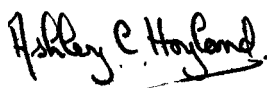
BMFA – GBR/CAA winner: Team Selection league and GBR/CAA FAI domestic league and GBR/CAA Championships, the British National Championship, and the BMFA Sid Allen Cup were all won by Matt Hoyland.

Just to put F3A flying in perspective, the winner of the trophies prepared a new aircraft for flight in September last year. In the last 12 month period, that aircraft has flown 461 practice and 47 competition schedules each of 7m 45s, so the model has been in the air under precise control for some 66 hours and has made over 508 landings in all weathers.

F3P and F3A results are posted on the BMFA web site and those results and GBR/CAA detailed results are posted here:

<http://www.gbrcaa.org/competitionresults.htm>

On behalf of the GBR/CAA I am willing to give any assistance required to develop a F3A Competition site at the New NFC if asked.



Later: The FAI have just awarded the 2017 F3A World Championship to Argentina to take place in November. It was previously announced they would be held in Qatar.

IMAC Report to Technical Council October 22nd 2016

IMAC UK enjoyed an excellent competition season in 2016.

Courtesy of clubs around the country which kindly allowed us to use their sites, starting with a training meeting in April, we held seven events through to September including six competitions

The competition season closed at a new venue near Bristol where trophies were presented to class winners for the year; Sportsman, Intermediate, Advanced, Unlimited.

In keeping with IMAC's international character we enjoyed further international participation in UK competitions where we welcomed visiting pilots from Australia and Spain. In addition a number of us travelled at our own cost to Italy where we competed in IMAC Italy's first official international competition the "Italian Cup"

Reports on events and competitions were included as main items in three editions of BMFA News this year. Due to large important news items in the last edition of BMFA News, there was insufficient copy space for our August contribution to be included. Nevertheless editor Pete Dodds has said he will prioritise IMAC's updated end of season contribution for publication in the next edition.

Looking ahead, in 2018 IMAC USA will again be holding a World Championship Competition. A number of UK members have expressed their interest in attending.

Our 2016 AGM will take place on Sunday November 20 in Stourbridge. Following this we look forward to announcing any changes / updates on our website not least details of IMAC competition tour 2017. <http://www.imacuk.org>

I think the BMFA should be congratulated on its excellent progress towards creation of a National Model Flying Centre and its robust efforts working with other model flying bodies opposing EASA's threatened restrictions on model flying.

Barry White

IMAC

Report to Council from the FAI Delegate 22nd October 2016

I attended the CIAM Plenary meeting in April and a full report was submitted to the May Council meeting.

The authorities in Qatar withdrew their offer to hold the 2017 F3A World Championships; the CIAM Bureau has awarded the Championship to Argentina with a provisional date of early November 2017.

I am happy to report that Mike Colling is again willing to be nominated for inclusion of the list of CIAM Education experts and he will be included on the technical experts list following this meeting.

An F3U world cup was organised and run during 2016 there were 9 events with 220 competitors to date, the final races are to be held in Korea at the beginning of November. Full details can be found at <http://www.fai.org/world-cups/f3u-fpv-racing>

P Halman FSMAE
FAI Delegate
21st October 2016.