



*British Model Flying Association*  
**CLUB BULLETIN**

25<sup>th</sup> September 2009

Issue no 190

**WHY NOT CHECK OUT THE INFORMATION ON  
[www.bmfa.org](http://www.bmfa.org)**

**IMPORTANT !!!  
SECRETARY PLEASE NOTE**

**THIS IS THE ONLY COPY OF THE CLUB BULLETIN SENT TO YOUR CLUB.  
WOULD YOU PLEASE ARRANGE FOR ITS CONTENTS TO BE DISTRIBUTED,  
AS APPROPRIATE TO YOUR CLUB MEMBERS**

**PLEASE NOTE THAT AN UPDATED COPY OF THE "EVENTS AND CONTEST  
CALENDAR" IS AVAILABLE FROM CHACKSFIELD HOUSE ON RECEIPT OF A  
STAMPED ADDRESSED ENVELOPE**

**TO ALL TECHNICAL COUNCIL MEMBERS**

There will be a Meeting of the Technical Council on Saturday 17<sup>th</sup> October 2009 at 11.00am which is to be held at: Chacksfield House, 31 St Andrew's Road, Leicester LE2 8RE. Tel: 0116-2440028 Fax: 0116-2440645. Email: [admin@bmfa.org](mailto:admin@bmfa.org)

**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 28<sup>th</sup> February 2009.
- 5 Matters/Actions Arising from the meeting on 28<sup>th</sup> February 2009 that are not included elsewhere on this Agenda.

- 6 To review the set agenda for the first meeting of a Technical Committee each year and the August letter (Current issues appended).
- 7 Hon Sec reminder to Technical Committees of their responsibility to send in the Technical Committee's Annual Return immediately after their first Committee meeting after the BMFA AGM.
- 8 To receive proposals for FAI Rule changes: (Full proposals appended)
- a F1 Classes – A, B, and C: provision of equivalent restricted technology specifications. Proposals 1 and 1a.
  - b F1 Classes – A, B, and C: provision of equivalent restricted technology specifications. Proposals 2 and 2a.
  - c F1 Classes – A, B, and C: provision of equivalent restricted technology specifications. Proposals 3 and 3a.
  - d F4C 6.3.2 Noise
  - e F4C 6.3.6. Flight
  - f F4C 6C.3.6.11 Realism in Flight
  - g F4C 6.3.7 Optional Demonstrations
  - h F4C 6C.3.6.11 Realism in Flight
  - i F4C 6.1.9 Documentation (Proof of Scale)
  - j F4C 6C.3.7
  - k F4C 6C.1 General
  - l F4C 6.1.9.4 e) Competitors Declaration
  - m F4C 6.1.11 Static Scoring
  - n F4C 6A.1.10.6. Scale Detail
  - o F4C 6A.1 General
  - p F4C Annex 6E.2
  - q F4C 6.3.9. Flight Score
  - r F4C Annex 6E.1
  - s F4C Annex 6E.3
- 9 To ratify the following British Record Claims:
- a Name Matthew Hart – BMFA
  - Class Jet Speed
  - Site Barkston (Nationals) Date 31 August 2009
  - Speed 325.51/202.26 Handicap 100.81%

- 10 To receive **FAI/CIAM Technical Sub-Committee List** recommendations from Technical Committees.

<b>R/C Power</b>	Steve Roberts (043791) F3C John Mee (72383) F3A Geb Jones (085217) F3D
<b>Scale</b>	Chris Allen (000377)
<b>Free Flight</b>	Ian Kaynes FSMAE (021003)
<b>Control Line</b>	tbc
<b>R/C Silent Flight</b>	tbc
<b>Indoor</b>	tbc
<b>Space Modelling</b>	tbc

11 To receive **FAI/CIAM Judges List** recommendations from Technical Committees:

<b>R/C Power</b>	Bruce Naylor (050887) F3C Robert Ailles (12721) F3A David Tappin (43764) F3A Peter Cappleman (004379) F3A Peter Brett (85489) F3A
<b>Scale</b>	Chris Allen (000377) F4C Bill Dennis (062686) F4C (Static) Graham Kennedy (111140) F4C John Miller (062736) F4B/C Steve Kessel (062900) F4C (Flying)
<b>Control Line</b>	tbc
<b>Space Modelling</b>	tbc

12 Proposals from R/C Power Technical Committee as follows:

**a) That the “Code of Practice for the Operation of Gas Turbine Powered Model Aircraft” be amended as follows:**

A.1: “Manufacturers’ or Designers’ ~~operating~~ instructions ~~must~~ should be followed at all times. Where manufacturers’ or designers’ instructions conflict with this Code of Practice, the manufacturers’ or designers’ instructions must take precedence.”

J.2: “Where practical, the following gas turbine system checks ~~must~~ should be made prior to every flight.”

Add J.3: “Mechanical abnormalities indicated at any time by vibration, unusual or excessive noise, excessive temperature, overspeed, or any other unexpected phenomena must be investigated before the engine is re-started.”

**b) To discuss the composition of the Achievement Scheme Review Committee.**

**c) Move F5D rules from R/C Silent Flight rule book to R/C Power rule book.**

**d) Change to BMFA F5D rules on League Scoring and World and Continental Team Qualification.**

*League Scoring:*

*5 eligible event scores will be used to determine the UK league score.*

*World and Continental Team Qualification:*

*4 events from 7 or more eligible events to count*

*4 events from 6 eligible events to count*

*3 events from 5 eligible events to count*

*3 events from 4 eligible events to count*

*3 or less events flown, all rounds to count*

*An eligible event is a league event competition as organised or sanctioned by the BMPRA or its F5D member association, approved as an F5D league event.*

**Exact changes required to rule book Section 7 – 2**

7.9.4.2 (c) – Remove the reference to F5D .

7.36 Modify as follows and add section 7.37 below

**7.36 UK F5D TEAM SELECTION FOR WORLD AND EUROPEAN CHAMPIONSHIPS**

~~(a) All teams will be selected by means of the league system.~~

~~(a-b)~~ Selection for a World or European Championship team will be made in the year preceding the event.

~~(b-c) The top three competitors in the F5B/D league at the end of the year will be recommended to the SFTC as the team members for the following year. If any of those qualifying do not wish to be a team member, the place or places will be offered to other competitors in order of league standing, i.e. 4th place in the league is 1st reserve for the team the following year.~~

Team Selection will be on the individuals cumulative scores from BMPRA sanctioned league events held during the qualification year.

(c) The score for each event is calculated as per F5D league scoring. The best scores from the eligible events to count are added together to get a total team selection score. These scores are ranked and the top three competitors are offered a place on the team.

(d) If any of those qualifying do not wish to be a team member, the place or places will be offered to other competitors in order of the team selection score ranking, i.e. 4th place in is 1st reserve for the team.

(e) The number of events to count for team selection is as follows:

- 4 events from 7 or more eligible events to count
- 4 events from 6 eligible events to count
- 3 events from 5 eligible events to count
- 3 events from 4 eligible events to count
- 3 or less events flown, all rounds to count

(f) Selected team members may nominate one "Caller" to be included as part of the Championships team. The "Caller" is an official member of the team and therefore must also hold a valid FAI Sporting License for the year of the Championship event and should to commit to attending the relevant Championships as a team member.

(g) The selected team is submitted to the RCPTC by the appropriate specialist body, currently the BMPRA.

### **7.37 UK F5D LEAGUE SCORING**

(a) For each event the winning competitor will be given 100 points. Other competitors will be given a points based on their own score expressed as a ratio of the winner's score and points. Calculated as follows:

$$\text{Competitor's Score} = \frac{\text{Event Winner's Score}}{\text{Competitor's Score}} \times 100.00$$

(b) Up to 5 events will count towards a competitor's overall league points.

- 13 To receive de-briefing reports on this year's National Championships from Technical Committees & the Power Nationals Co-ordinator. (Reports should be brief, preferably in writing & in advance.)
- 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 nominations for re-presentation of International Awards at the BMFA annual prizegiving dinner. Invitations will only be to nominees from this meeting and are at the discretion of the Society Chairman. Depending on the numbers, not all nominees may be successful.
- 18 To receive the dates of the 2010 Technical Council Meetings:
  - 1st Technical Council – To be confirmed
  - 2nd Technical Council – 16<sup>th</sup> October 2010
- 19 Any Other Business.
- 20 Date of next meeting.

## **Report on the Full Council Meeting held on 9<sup>th</sup> May 2009**

### **Progress towards year end Accounts.**

The accounts are basically complete and will show a comfortable surplus. The Auditor is due at the office sometime over the next couple of weeks to complete the audit.

Reduced membership fees from July 1<sup>st</sup> 2009. These were approved by the AGM in November 2008.

Seniors	£22	Juniors	£12
Fam Partners	£16	Fam Juniors	£ 9

### **New Photocopier**

A proposal was passed that a new colour photocopier is purchased for the Office.

### **Awards Committee**

The Awards Committee for 2009 comprises the following:

Chris Moynihan Vice-Chairman, Martin Dilly FSMAE RAeC Delegate, Chris Bromley FSMAE Technical Council Representative, Keith Miller FSMAE Areas Council Representative, Allan Weighell FSMAE, Gordon Warburton FSMAE and Jim Andrews FSMAE.

### **Election process 2009**

A proposal was passed that we continue with the current election processes for the November elections.

### **Authority to attend BMFA insured events**

A proposal was passed to modify the text of the proposal carried at the last meeting, to authorise attendance at BMFA insured events.

The wording now reads:

“That the BMFA Development Officer be given authority himself, or via delegated experienced observers, to attend BMFA Club, Area or affiliated bodies events, where such events are insured through the BMFA, to observe that such events are conducted at a satisfactory level so as to ensure that the BMFA insurance arrangements are safeguarded. The observer should report the findings to the event organisers and to BMFA Executive with any recommendations as appropriate. If of sufficient concern, the observer is empowered to make recommendations to the event organisers while at the event. Such visits may be either with or without prior notice.”

Following debate regarding the implications of recent changes to the Helicopter ‘B’ certificate flying schedule the Chairman charged the ASRC to call a meeting with urgency with representatives of the AHA to come back to this Council in September with some form of agreement on the content of the Helicopter ‘B’ schedule which can then be put to Areas Council for consideration.

The following proposal was passed:

**That this Council adopts the JMA/GTBA Code of Practice for the operation of turbine powered models.**

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## **Report on the Area Council Meeting held on the 6<sup>th</sup> June 2009.**

**Area Chief Examiner appointment** – Phil Davis, (Helicopter) Chief Examiner for Northern Area.

The following proposals from Chris Bromley FSMAE Technical Secretary on behalf of the Achievement Scheme were passed.

***i) That the 2007 Member's Handbook, page 45 column 1, General, paragraph (b), be modified as follows:***

Delete:

(b) The 'B' Certificate which is designed to recognise the pilot's more advanced ability and a demonstrated level of safety which may be considered by an event organiser as suitable for flying at a public display.

Replace with:

(b) The 'B' Certificate which is designed to recognise a more advanced pilot's increased ability and knowledge and a demonstrated high level of safety.

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***ii) That the 2007 Member's Handbook, page 53, The 'A' Certificate (Silent Flight – Thermal), be modified as follows to allow hand launching of the model:***

(a) Carry out pre-flight checks as required by the BMFA Safety Codes. Particular attention should be given to airframe, tow hook, **launching aids**, control linkages and surfaces.

(b) Check ~~the~~ **that any** launching equipment is laid out correctly, securely and safely with respect to the field layout. Depending on the launch method, ensure that towlines are in good condition, that the bungee is securely anchored to the ground, that winches and turnaround pulleys are secure and a master on/off switch is fitted to the winch or that, if aerotow is to be used, the tug pilot is aware of the model he will be towing and that a launch plan is agreed.

(d) Clearly announce "launching" and launch the model under full control, any deviation from the expected launch path must be corrected smoothly and quickly. Complete the launch by releasing the model from the launch line cleanly, **if applicable**, and level the model into wind without stalling.

(e) Fly the model straight and level for at least 15 seconds while pilot and Examiner clear the launch area. **This does not apply to Hand Launched Gliders.**

If insufficient height is achieved at launch or very bad sink is encountered that will not allow the completion of the entire test schedule the Examiner may allow an additional flight. If in the opinion of the Examiner a poor launch height is due to pilot ability the test is failed. **Note that this applies to Hand Launched Gliders too and they are not allowed multiple attempts to obtain good launches.**

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***iii) That if the proposal to include the option to use a hand launched glider for the 'A' Certificate, Silent Flight – Thermal is passed, the Appropriate Test Standards document is modified as follows.***

#### **The Model**

The test can be performed with virtually any Thermal Soaring Glider model and launch may be by Hand Tow, Bungee, Winch, **Hand Launch** or Aero-Tow. The test will not be taken with electric powered gliders, however, as the Silent Flight Electric 'A' Certificate would be more appropriate to that type of model.

#### **Launch Height, Flight Time and Weather**

The test states that "If insufficient height is achieved at launch or very bad sink is encountered that will not allow the completion of the entire test schedule the Examiner may allow an additional flight. If in the opinion of the Examiner a poor launch height is due to pilot ability the test is failed. **Note that this applies to Hand Launched Gliders too and they are not allowed multiple attempts to obtain good launches.**"

#### **The Flights**

(b) Check ~~the~~ **that any** launching equipment is laid out correctly, securely and safely with respect to the field layout.

(d) Clearly announce "launching" and launch the model under full control, any deviation from the expected launch path must be corrected smoothly and quickly. Complete the launch by releasing the model from the launch line cleanly, **if applicable**, and level the model into wind without stalling.

(e) Fly the model straight and level for at least 15 seconds while pilot and Examiner clear the launch area. **This does not apply to Hand Launched Gliders.**

This manoeuvre should place the model upwind of any tow/launch area and in a position where the following manoeuvres can safely be performed (i.e. the thermal circles drifting with the wind should not

cause the model to enter any no-fly area. Discuss this with the candidate before the test. **The shorter flight times of hand launched gliders means that Candidate and Examiner should stay together near the launch point and there will be no need to fly for the 15 seconds to allow the launch point to be cleared.**

(l) Retrieve the model from the landing area, informing other pilots that the landing area is clear.

The candidate should NOT take their transmitter with them when retrieving their model and it should be left with a competent person. If no one else is available to hold it then you should offer. When the model has been retrieved and returned to the launching area the transmitter should be returned to the pilot.

There is no requirement to turn off the model and transmitter (and then clear frequency control, etc.) if the next flight will be made immediately.

**Hand Launched Gliders, by the nature of their flights and flight times, should be landed close to their launch point and launcher. In this case the candidate may retain possession of their transmitter when picking up the glider. However, if a glider lands away from the launch area and must be retrieved then the transmitter must be left with a competent person, exactly as with other types of glider.**

### Examiners Test Flight Check List

(b)	Check the launching equipment, <b><i>if applicable</i></b>			
(e)	Fly the model straight and level for at least 15 seconds whilst clearing the launch area <b><i>(not applicable to HLGs)</i></b>			

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***iv) That the 2007 Member's Handbook, page 57 column 2, Silent Flight Personal Achievement Schemes, paragraph 1, be modified as follows:***

The Thermal Soaring and Slope Soaring Personal Achievement Schemes are aimed at giving flyers the satisfaction of achieving set levels of ***proficiency*** ~~competence~~ beyond the 'A' and 'B' Certificates and at their own flying fields without having to take part in contests.

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***v) That the 2007 Member's Handbook, page 48 column 2, 'A', 'B' and 'E' Certificate Re-Tests, paragraph 2, be modified as follows:***

(2) The ASC will pass on any such requests to the appropriate National Scheme Controller who will arrange for a Chief Examiner (CE) from a ***different*** adjoining Area to conduct the re-test by arrangement with the candidate.

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As you may be aware, the BMFA is one of the beneficiaries of BingoLotto, a new TV game on Virgin 1. Tickets are available at every Tesco till point, the show airs at 7pm on Sunday nights and there are thousands of prizes to be won each week. But most importantly of all, for every ticket sold, the sport and the voluntary sector receives 40p.

In Sweden, where the game originated, BingoLotto has already raised in excess of **£1billion** for sport. If we can do as well in the UK, our sport will be much better off as a result.

The more people we can persuade to join in, the more money our sport/activity will receive. It's really important to the success of the scheme that good sales are achieved at an early stage so your help in promoting the scheme would be useful! For more information on BingoLotto visit your local Tesco store or [www.bingolotto.tv](http://www.bingolotto.tv)

Goodform in association with Sport England and Volunteering England have asked us to help raise awareness of the FREE Volunteering England membership for sports clubs with a turnover of less than £20K per annum.

Essentially small sports clubs will get a wealth of volunteering information, discounts to events and access to volunteer centres for free, and a range of other benefits.



If your club's turnover is less than £20,000 per year you can join Volunteering England for **FREE** enabling you to better recruit, recognise and retain the people that make your club tick

**Volunteering England**, the national volunteering development agency, helps its members recruit, recognise and retain their volunteers. Become a member and you will gain valuable resources to help you create a larger, more satisfied and more skilled volunteer force.

**Volunteering England** membership benefits include –

- Exclusive access to magazines, newsletters and online content giving you valuable information for your volunteering development
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- Discounted access to volunteering events to share policy developments and best practice

... plus much more

**Tel: +44 (0) 845 305 6979**

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