

# FREE FLIGHT

## News

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### FFn DIARY

January 1-2 Salisbury Plain	BMFA Trimming Weekend. See page 125 Must call Peter Tribe on Friday before 01225 862748.	February 21 Chobham Common	Chobham tree chop. Meet at Staple Hill car park at 10am. (NB Monday)
January 8-9	BMFA Salisbury Plain. See page 125.	February 26 Viabon, France	8th Philippe Lepage. F1B World Cup event. Contact: Jean-Pierre Challine, 13 ch des Chéneaux, 91220 Bretigny / Orge, France, tel: +33 6 11 95 57 11, mjp.challine@sfr.fr
January 15-16	BMFA Salisbury Plain. See page 125.	February 26-27	BMFA Salisbury Plain. See page 125.
January 17 Chobham Common	Chobham tree chop. Meet at Staple Hill car park at 10am. (NB Monday)	March 5-6	BMFA Salisbury Plain. See page 125.
January 22-23	BMFA Salisbury Plain. See page 125.	March 6 Area Venues	BMFA 3rd Area. C/G, F1B (Duce/Plugge), F1J-/2A, Mini Vintage(Plugge), P30 (Plugge). Contact: Area Comp Secs.
January 22 Ceminac, Croatia	Ceminac Indoor Open. F1N. Contact: Anton Sikic i Miroslav Banaj, Aeroklub Osijek, Krizanicev trg 1, 31000 Osijek, Croatia, tel: +385 31 2080 262, fax: +385 31 208 262, e: miroslav.banaj@os.l-com.hr Web: <a href="http://cik-ceminac.hr/">http://cik-ceminac.hr/</a>	March 11-13 Moravske Toplice, Slovenia	Mura Cup. F1A, F1B, F1C, F1Q World Cup event. Contact: Bogdan Lemut, Borovnjakova 1, 9000 Murska Sobota, Slovenia, tel: +386 41 210 144, fax: +386 2 534 81 51, email: muracup@siol.net Web: <a href="http://freeweb.siol.net/muracup">http://freeweb.siol.net/muracup</a>
January 23 Area Venues	BMFA 1st Area. C/G (Plugge), C/R(Plugge), C/P (Plugge), Mini Vintage, SLOP. Contact: Area Comp Secs.	March 12-13 Gjovik, Norway	Holiday on Ice. F1A, F1B, F1C, F1Q World Cup event. Contact: Tor Bortne, Jernbanev 28, 2840 Reinsvoll, Norway, tel: +47 611 97 463 or +47 920 95 329, fax: +47 611 52 606, email: tobortne@bbnett.no <a href="http://frifluktvegar.no">http://frifluktvegar.no</a>
January 29-30	BMFA Salisbury Plain. See page 125.	March 12-13	BMFA Salisbury Plain. See page 125.
February 5-6	BMFA Salisbury Plain. See page 125.	March 15-16 Matfors, Sweden	Matfors VT International. F1A, F1B, F1C World Cup event. Contact: Mikael Holmbom, Österlo 140, 86013 Stöde, Sweden, tel: +46 76 116 91 33, email: mikael.holmbom@matforsmfk.se Web: <a href="http://www.matforsmfk.se/matforsvt">http://www.matforsmfk.se/matforsvt</a>
February 12-13	BMFA Salisbury Plain. See page 125.	March 19-20 Säkylä, Pori, Finland	Bear Cup. F1A, F1B, F1C, F1Q World Cup event. Contact: Kim Henriksson, Ymmersanmäki 9, 02750 Espoo, Finland, tel: +358 41 5152 481, email: kim.henriksson@inspecta.fi, Web: <a href="http://www.bearcup.net">http://www.bearcup.net</a>
February 12-14 Lost Hills, California, USA	Anselmo Zeri Memorial Dutch World Cup. F1A, F1B, F1C, F1E, F1P, F1Q World Cup event. Contact: Pim Ruyter, Kantemarsweg 36, Hoevelaken 3871 AP, Netherlands, tel: +31 33 25 81 459, e: pim.ruyter@planet.nl	March 19-20	BMFA Salisbury Plain. See page 125.
February 15-21 Lost Hills, California, USA	Maxmen International. F1A, F1B, F1C, F1E, F1P World Cup event. Contact: George Batiuk, 2221 King St #2, San Luis Obispo, CA 93401, USA, tel: +1 805 305 0340, fax: +1 805 546 0700, email: slogb1@gmail.com		
February 19-20	BMFA Salisbury Plain. See page 125.		
February 20 Area Venues	BMFA 2nd Area. C/P (White), F1A (KMAA/Plugge), F1G, Vintage R/P (Plugge), Vintage Glider, HLG- CLG(Plugge). Contact: Area Comp Secs.		

## CIAM BUREAU MEETING

Report by Ian Kaynes

The Bureau meeting was held in Lausanne on December 3rd and 4th. Tasks of the meeting include review of the agenda for the Plenary meeting next April, prepare the 2010 contest calendar and to review plans for the 2010 Championships.

Last year the previous Director General of the FAI, Max Bishop, had announced that the FAI was planning to move offices within Lausanne in 2011, moving from the present rented office space to buying office space in the Maison du Sport International which is about 1 km west of the Hotel Aulac. The move is now scheduled for April 2011 but in advance of the move the Bureau meeting was held at the Maison du Sport (MSI). This contrasted with the convenience of previous Bureau meetings which were held in the Hotel Aulac which is where most people stay. The need for a bus ride to the meeting coincided with the rare occurrence of considerable snow in Lausanne. While inconvenient for all, it was more difficult for Dave Brown from USA in a wheel chair – fewer than half the buses had a disabled access ramp. There were just 2 restaurants close to MSI and a sandwich bar, none of these having disabled access, so Dave had to return to the town to get lunch with another wait for buses each way. It appeared that all this was done to save about 10 CHF per person on meeting room rental, indicative of the completely new management staff at FAI...

In a review of 2010 World Championships, discussions of the F5 Electric Champs in USA highlighted the time and complexity of processing the energy limiters now required in the class. This is relevant to the fact energy limiters are one of the approaches proposed for the FF electric class F1Q.

The most significant aspect of championships was the continued failure of Serbia to return money owed to four countries after the cancellation of two classes at the 2009 Control Line European Champs. Despite the continued failure to return this €6400, Serbia had found €1400 to pay event registration fees for 2011 competitions. The CIAM President will write to Serbian Aero Club requesting resolution of the problem by January 1. In the meanwhile the Serbian events for 2011 will be held in suspense – this includes the F1E World Champs and the Indoor Euro Champs.

The problems of late review of Championships details were noted in reference to the early schedule of events in the southern hemisphere, like Argentina. It is possible that the Bureau may bring forward review to the April Bureau meeting in the year before the event (instead of the present December of the year before).

The proposals for the agenda of the 2011 Plenary meeting have been received. The proposals relevant to free flight will be described in FFn in the new year, but as a quick indication here the major subject is limiting the performance of F1Q models either by motor weight limits or requiring an energy limiter.

The World Cup issue of countries organising events in other countries was discussed. There are more of these on the 2011 calendar (including 3 extra events in Ukraine and two in USA) with the potential for winning a World Cup by flying in a single country. The same issue also affects control line. Proposals for limiting total number of events taking place in one country will be investigated, with the possibility of application from 2012.

The calendar was approved by the Bureau and World Cup events selected with the suspension of events in Serbia, detail appear later in this issue and championships details follow later in this section.

### 2011 Championships News

*World Championships F1A F1B F1C* will be held at Embalse, Argentina. Entry fee is €250 for competitors, €180 for team manager, €35 for supporters. Full accommodation package costs €320 for 7 nights accommodation and all meals. A

discount of 10% applies for payment by January 31, 5% discount for payment by February 28, and a surcharge of 20% for payment after March 31st. The event timetable is:

May 2	Arrival, practice, processing
May 3	Practice, processing, opening ceremony, team manager meeting
May 4	Practice
May 5	F1A contest
May 6	F1B contest
May 7	F1C contest
May 8	reserve day, closing ceremony, banquet.
May 9	departure.

There will be a World Cup event on April 30 and May 1. An arrangement has been made with Iberia on flight from Europe for discount 10-20%, second bag free and special handling for modelling equipment. Pim Ruyter is contact point.

*The F1E World Championships for Juniors and Seniors* was scheduled for August 27 to September 3 at Zlatibor, Serbia, but is currently suspended because of the Serbia F2 refund situation. Slovakia have submitted an alternative bid for August 20 to 27 at Martin but this will not be considered unless the event is removed from Serbia. There may be complications if this decision is delayed, already it is anticipated that hotel availability in Slovakia will be affected.

*Junior European Championships F1A F1B F1P* will be held at Sentjernej, Novo Mesto, Slovenia. The schedule is:

July 10	Arrival, registration.
July 11	Model registration, training, opening ceremony
July 12	F1A contest
July 13	F1B contest
July 14	reserve day
July 15	F1P contest
July 16	Reserve day, tour, prize-giving, banquet
July 17	Departure

A World Cup event F1ABCP is scheduled for July 5 to 10 on the same site

Entry fees are €230, accommodation in local hotels is estimated to cost about €24 per day plus about €15 per day for food, with banquet at €30.

*Indoor European Championships F1D* was scheduled for August 9 to 14 in Belgrade but is currently suspended because of the Serbia F2 refund situation.

## CIAM COMPETITION CALENDAR 2011

The following is the CIAM calendar for free flight championships, World Cup and other international events. First is a summary of World Cup events, see the calendar below for full details of each event

### World Cup summary F1E

Mar 12-14	Lost Hills	USA	Anselmo Zeri Mem
Mar 15-21	Lost Hills	USA	Maxmen International
Apr 9	Oberkotzau	GER	World Cup
Apr 10	Oberkotzau	GER	Föhrberg Cup
Apr 23	Rana	CZE	Rana Spring Cup I
Apr 24	Rana	CZE	Rana Spring Cup II
May 14	Monte Sisemol	ITA	6th Coppa Primavera
May 15	Monte Sisemol	ITA	31st Coppa Sismol
May 21	Turda	ROU	Memorial Popa Cringu
May 22	Turda	ROU	Turda Cup
Aug 21	Martin	SVK	Martin Cup
Aug 26	Martin	SVK	Memorial Peter Nosko
Sep 10	Toszek	POL	Governor's Cup
Sep 11	Toszek	POL	Toszek Cup
Sep 24	Tourtenay	FRA	7th Poitou Charentes
Sep 25	St Jean	FRA	Poitou - Montcour F1E
Oct 11-12	Lost Hills	USA	Bissonette - DEN

## World Cup summary F1A, F1B, F1C, F1P, F1Q

		venue		F1 classes
Feb 12-14	Lost Hills	USA	Anselmo Mem.	ABCPQ
Feb 15-21	Lost Hills	USA	Maxmen	ABCP
Feb 26	Viabon	FRA	8th Philippe Lepage	B
Mar 11-13	Moravske	SLO	Mura Cup	ABCQ
Mar 12-13	Gjovik	NOR	Holiday on Ice	ABCQ
Mar 15-16	Matfors	SWE	Matfors VT	ABC
Mar 19-20	Säkylä, Pori	FIN	Bear Cup	ABCQ
Apr 15-17	Vize	TUR	Istanbul FF Cup	ABC
Apr 16	Tass	HUN	Lucenec Cup	ABC
Apr 30-M1	Embalse	ARG	Embalse	ABC
May 14-15	Andover	GBR	Stonehenge Cup	ABCPQ
May 21	Vsechov	CZE	Jihocesky pohar	ABC
May 28-29	Tass	HUN	Pusztá Cup	ABCQ
May 30-J1	Narrandera	AUS	Southern Cross Cup	ABC
Jun 2-5	Narrandera	AUS	AFFS Champs	ABC
Jun 10-12	Pazardzik	BUL	Sofia Cup	ABCPQ
Jun-25	Middletown	USA	New York F1Q	Q
Jun 27-Ju 1	Nalchik	RUS	Naloev Cup	ABCP
Jul 8-9	Kyiv	UKR	Antonov Cup	ABCPQ
Jul 9	Tass	HUN	Vörös Jenő Mem	ABCQ
Jul 9-10	Krbava	CRO	FF CRO Cup	ABC
Jul 10-11	Kyiv	UKR	White Stork-Latvia	ABCPQ
Jul 16-17	Borden, ON	CAN	Huron Cup	ABC
Jul 29-30	Bosanski	BIH	Mem Izet Kurtalic	ABC
Jul 30-31	Madziunai	LTU	Baltic Cup	ABCPQ
Jul 30-Au 5	Ulaanbaatar	MGL	Mongolia Cup	ABC, GP
Aug 4-5	Salonta	ROU	Harghita Cup	ABCP
Aug 5-7	Thouars	FRA	34th Poitou	ABC
Aug 6-7	Capannori	ITA	Citta di Capannori	ABC
Aug 6-7	Salonta	ROU	Salonta Cup	ABCP
Aug 12-14	Stalowa Wola	POL	Summer Cup	ABC
Aug 12-15	Kharkiv	UKR	Zmiev Cup	ABCP
Aug 13-14	Borden, ON	CAN	Canada Cup	ABC
Aug 13-17	Mostar	BIH	47th Mostar Cup	ABC
Aug 19-20	Ilbesheim	GER	Europe Coupe Rev	ABQ
Aug 25-28	Zülpich	GER	42nd Eifel Pokal	ABCPQ
Aug 26-27	Ofakim	ISR	Negev Cup	ABCP
Sep 1-5	Samara	RUS	Mem M Knyazev	ABCP
Sep 2-4	Sisak	CRO	Siscia Cup	ABCPQ
Sep 3	Kietrz	POL	Kietrz Cup	ABCPQ
Sep 3-5	Rinkaby	SWE	Swedish Cup	ABCPjQ
Sep 4	Rinkeby	SWE	Nordic Cup	ABCQ
Sep 9-11	Beregovoe	UKR	FF Hol.-Latvia	ABCPQ
Sep 13-15	Beregovoe	UKR	Black Sea-Estonia	ABCPQ
Sep 16-18	Beregovoe	UKR	FF Hol.-Lithuania	ABCPQ
Sep 16-18	Pazardzik	BUL	Bulgaria Cup	ABCPjQ
Sep 17-18	Andover	GBR	Equinox Cup	ABCPQ
Oct 1-2	Gölbasi	TUR	Anatolian FF Cup	ABC
Oct 1-2	Prilep	MKD	Prilep Cup	ABC
Oct 11-12	Lost Hills	USA	Bissonette – DEN	ABCPQ
Oct 14-17	Lost Hills	USA	Sierra Cup	ABCPQ
Oct 21-23	Sentjerne	SLO	Krka Cup	ABCQ
Oct 29-30	Mühlenthurnen	SUI	Eurofly	ABCQ

## Full listing of CIAM Free Flight Calendar

Only events with any doubt about status from standpoint of FAI fee payment are Mongolian Cup and Croatia Sisak Cup

January 22 Ceminac Indoor Open. FIN . Entry fees: Ceminac, Croatia €8. Contact: Anton Sikic i Miroslav Banaj, Aeroklub Osijek, Krizanicev trg 1, 31000 Osijek, Croatia, tel: +385 31 2080 262, fax: +385 31 208 262, e: miroslav.banaj@os.l-com.hr, Web: <http://cik-ceminac.hr/>

February 12-14  
Lost Hills,  
California, USA

Anselmo Zeri Memorial Dutch World Cup. F1A, F1B, F1C, F1E, F1P, F1Q World Cup event. Entry fees: US\$30 (F1A,B,C) US\$15 (F1P, Q, E). Contact: Pim Ruyter, Kantemarsweg 36, Hoevelaken 3871 AP, Netherlands, tel: +31 33 25 81 459 , email: [pim.ruyter@planet.nl](mailto:pim.ruyter@planet.nl)

February 15-21  
Lost Hills,  
California, USA

Maxmen International. F1A, F1B, F1C, F1E, F1P World Cup event. Entry fees: US\$25. Contact: George Batiuk, 2221 King St #2, San Luis Obispo, CA 93401, USA, tel: +1 805 305 0340, fax: +1 805 546 0700, email: [slogb1@gmail.com](mailto:slogb1@gmail.com)

February 26  
Viabon, France

8th Philippe Lepage. F1B World Cup event. Entry fees: €30. Contact: Jean-Pierre Challine, 13 ch des Chéneaux, 91220 Bretigny / Orge, France, tel: +33 6 11 95 57 11, email: [mjp.challine@sfr.fr](mailto:mjp.challine@sfr.fr)

March 11-13  
Moravske  
Toplice, Slovenia

Mura Cup. F1A, F1B, F1C, F1Q World Cup event. Entry fees: €30. Contact: Bogdan Lemut, Borovnjakova 1, 9000 Murska Sobota, Slovenia, tel: +386 41 210 144, fax: +386 2 534 81 51, email: [muracup@siol.net](mailto:muracup@siol.net), Web: <http://freeweb.siol.net/muracup>

March 12-13  
Gjovik, Norway

Holiday on Ice. F1A, F1B, F1C, F1Q World Cup event. Entry fees: €35. Contact: Tor Bortne, Jernbanev 28, 2840 Reinsvoll, Norway, tel: +47 611 97 463 or +47 920 95 329, fax: +47 611 52 606, email: [tobortne@bbnett.no](mailto:tobortne@bbnett.no) <http://frifluktvegar.no>

March 15-16  
Matfors, Sweden

Matfors VT International. F1A, F1B, F1C World Cup event. Entry fees: sen: €35, jun €15. Contact: Mikael Holmbom, Österlo 140, 86013 Stöde, Sweden, tel: +46 76 116 91 33, e: [mikael.holmbom@matforsmfk.se](mailto:mikael.holmbom@matforsmfk.se), Web: <http://www.matforsmfk.se/matforsvt>

March 19-20  
Säkylä, Pori,  
Finland

Bear Cup. F1A, F1B, F1C, F1Q World Cup event. Entry fees: Senior: €35/Junior €15. Contact: Kim Henriksson, Ymmerstanmäki 9, 02750 Espoo, Finland, tel: +358 41 5152 481, email: [kim.henriksson@inspecta.fi](mailto:kim.henriksson@inspecta.fi), Web: <http://www.bearcup.net>

April 2  
Osijek, Croatia

14th Kup Slavonije I Baranje. F1A, F1B, F1C. Entry fees: €25. Contact: Vinko Tomljanovic, Trg I Krizanica 5, 31000 Osijek, Croatia, tel: +385 91 532 1422, email: [vinko.tomljanovic@gmail.com](mailto:vinko.tomljanovic@gmail.com), Web: <http://www.aeromodelarstvo.net>

April 9-10  
Oberkotzau ,  
Germany

2 F1E World Cup events. 9th: international, 10th Föhrberg Cup. Entry fees: €30. Contact: Peter Kuttler, Schneebergstr 26, 95145 Oberkotzau, Germany, tel: +49 9286 61 87, email: [peter-kuttler@web.de](mailto:peter-kuttler@web.de)

April 15-17  
Vize – Kırklareli,  
Turkey

Istanbul FF Cup. F1A, F1B, F1C World Cup event. Entry fee: €20. Contact: Ismet Yurtseven, Bulgurlu, Aydinoglu Sokak no 21, 34696 Camlica Uskudar - Istanbul, Turkey, tel: +90 216 521 1414, fax: +90 216 4619180,e: [ismety@banksoft.com.tr](mailto:ismety@banksoft.com.tr) web: [www.turkey-ff.info](http://www.turkey-ff.info)

April 16 Tass, Hungary	Lucenec Cup - Slovakia. F1A, F1B, F1C World Cup event. Entry fees: Sen €30 / Jun €15. Contact: Stefan Hubert, Malinovskeho 5, 98403 Lucenec, Slovakia, tel: +421 905 145107, email: gabika1988@hotmail.com	June 2-5 Narrandera, NSW, Australia	Australian FF Society Championships. F1A, F1B, F1C World Cup event. Entry fees: AUS\$30. Contact: Phil Mitchell, PO Box 44, Terrigal NSW 2260, Australia, tel: +61 24 38 43 217, fax: +61 24 36 78 316, email: filnoels@bigpond.net.au
April 23 Rana near Louny, Czech Rep.	2 F1E World Cup event. 23rd. Rana Spring Cup I, 24th Rana Spring Cup II. Entry fees: Jun €15/Sen €30. Contact: Josef Kubes, Dr Steinera 22, 27201 Kladno, Czech Rep., tel: +420 737 164138, j.kubes@centrum.cz	June 10-12 Pazardzik, Bulgaria	Sofia Cup. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €30. Contact: Borislav Bardarov, Zona B5, bl.7 A, Sofia, Bulgaria, tel: +359 888 703 306, fax: +359 618 607 72, email: f1a@abv.bg, Web: <a href="http://www.F1ABC.com">http://www.F1ABC.com</a>
April 30 - May 1 Embalse, Argentina	Embalse World Cup. F1A, F1B, F1C World Cup event. Entry fees: €30. Contact: Daniel H. Iele, Victoria 1271, Hurlingham, Buenos Aires, Argentina, tel: +5411 4665 3626, fax: +5411 46653626, email: aerostar@advancedsl.com.ar web: <a href="http://www.embalse2011.com">http://www.embalse2011.com</a>	June 25 Middletown, New York, USA	New York F1Q World Cup event. Entry fees: US\$10. Contact: Aram Schlosberg, 79-02 212 St Bayside, New York, NY 11364, USA, tel: +1 718 479 0478, email: aram.schlosberg1@verizon.net, Web: <a href="http://www.brooklynscrapers.org">http://www.brooklynscrapers.org</a>
May 2-9 Embalse, Argentina	FAI World Championships. F1A, F1B, F1C. See FFn 1012. Web: <a href="http://www.embalse2011.com">www.embalse2011.com</a>	June 27 - July 1 Nalchik, Russia	Naloev Cup. F1A, F1B, F1C, F1P World Cup event. Entry fees: €25. Contact: Andrey Naloev, Shortanova 17a-57, Nalchik 360017, Kabardino-Balkarskaya Republic, Russia, tel: +7 928 910 46 05, fax: +7 866 277 83 35, e: naloev@mail.ru
May 7 Salonta, Romania	Szabó Miklós Memorial Contest. F1A, F1B, F1C, F1Q. Entry fees: €15. Contact: József Guti, Arany J.u.47, 5700 Gyula, Hungary, tel: +36 20 363 55 73, email: guti@fafem.hu, Web: <a href="http://faif1abc.com">http://faif1abc.com</a>	July 5-10 Sentjernej, Novo mesto, Slovenia	Memorial Adolf Sustar and Tine Brudar. F1A, F1B, F1C, F1P. Entry fees: €20. Contact: Janko Groselj JR, Precna 46, 8000 Novo Mesto, Slovenia, tel: +388 7 33 48 222 or +386 41 731 660, fax: +386 7 33 48 222, email: aeroklub@insert.si, Web: <a href="http://www.aeroklub.insert.si">http://www.aeroklub.insert.si</a>
May 14-15 Andover, United Kingdom	Stonehenge Cup. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €35. Contact: M J Woodhouse, 12 Marston Lane, Eaton, Norwich, Norfolk NR4 6LZ, tel: +44 1603 457 754, fax: +44 1603 457 754, email: mike@freeflightsupplies.co.uk, Web: <a href="http://www.freeflightuk.org">http://www.freeflightuk.org</a>	July 8-9 Kyiv, Ukraine	Antonov Cup. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €25. Contact: Igor Zavgorodniy, Chaadaeva str 3, apt 112, 03146 Kyiv, Ukraine, tel: +380 50 242 0757, fax: +380 44 457 09 73, email: zivbox@bigmir.net, Web: <a href="http://www.antonovcup.kiev.ua">http://www.antonovcup.kiev.ua</a>
May 14-15 Monte Sisemol - Gallio, Italy	F1E World Cup events. May 14: Coppa Primavera. May 15: Coppa Sismol. Entry fees: €50. Contact: Maurizio Tomazzoni, Via Rialto 36, 38068 Rovereto (TN), Italy, tel: +39 0464 430 230 or +39 335 565 09 70, fax: +39 0484 430 230, email: gaetom@teletu.it	July 9 Tass, Hungary	Vörös Jenő Memorial Contest. F1A, F1B, F1C, F1Q, F1H. World Cup event. Entry fees: €30. Contact: Jenő Vörös, Tárogató u 63, 6726 Szeged, Hungary, tel: +36 20 9 136 463, email: vorosjeno@freemail.hu, Web: <a href="http://www.jenovoros.hu">http://www.jenovoros.hu</a>
May 21 Vsechov, Czech Rep.	26th Jihocesky pohar. F1A, F1B, F1C World Cup event. Entry fees: €40. Contact: Rostislav Kvasnicka, 9 kvetna 422, 391 02 Sezimovo Usti, Czech Rep., tel: +420 608 059 803, fax: +420 381 292 017, email: r.kvasnicka@seznam.cz	July 9-10 Krbava, Croatia	FF CRO Cup. F1A, F1B, F1C World Cup event. Entry fees: €30. Contact: Robert Lesko, Matije Gupca 4, 10290 Zapresic, Croatia, tel: +385 95 90 61 550, fax: +305 133 57 976, email: mkz@mk-z.hr
May 21-22 Turda, Romania	2 F1E World Cup events. May 21: Memorial Popa Cringu, May 22: Turda Cup. Entry fees: Senior €30 / Junior €25. Contact: Conu Marius / Mihail Zanciu, F.R. Modelism, OP 6 - CP 56 Bucuresti, Romania, tel: +40 21 31 62 454 or +40 31 80 57 471, email: conu@rdsmail.ro, Web: <a href="http://www.frmd.ro">http://www.frmd.ro</a>	July 10 Tass, Hungary	Cup of Szeged. F1A, F1B, F1C, F1P, F1Q. Entry fees: €30. Contact: Gabor Zsengeller, PO Box 207, 6701 Szeged, Hungary, tel: +36 309 53 21 00, fax: +36 623 100 06, e: gabez@eastcom.hu / <a href="http://www.faif1abc.com">www.faif1abc.com</a>
May 28-29 Tass, Hungary	26th Pusztá Cup. F1A, F1B, F1C, F1Q, F1G, F1H, F1J, F1P. World Cup event. Entry fees: €30. Contact: György Pinkert, Pf 16 H, 1625, Hungary, fax: +36 1 221 4071, info@cavalloni.hu <a href="http://www.cavalloni.hu">www.cavalloni.hu</a>	July 10-11 Kyiv, Ukraine	White Stork Cup - Latvia. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €25. Contact: Viktors Rosonoks, Bauskas iela 88, Riga 1004, Latvia, tel: +371 295 188 55, fax: +371 672 84 987, email: Viktors.Rosonoks@riga.lv, Web: <a href="http://www.antonovcup.kiev.ua">http://www.antonovcup.kiev.ua</a>
May 30 - June 1 Narrandera, NSW, Australia	Southern Cross Cup. F1A, F1B, F1C World Cup event. Entry fees: AUS\$30. Contact: Roy Summersby, 132 The Esplanade Umina, NSW 2257, Australia, tel: +61 24 34 100 72, email: roydi132@optus.com.au, Web: <a href="http://www.nswffs.com.au">http://www.nswffs.com.au</a>	July 10-17 Sentjernej, Novo mesto, Slovenia	FAI Junior European Championships. F1A Juniors, F1B Juniors, F1P Juniors. See FFn 1012. Web: <a href="http://www.aeroklub.insert.si">www.aeroklub.insert.si</a>

July 16-17 Borden, ON, Canada	Huron Cup. F1A, F1B, F1C World Cup event. Entry fees: C\$30 / C\$40 late entry. Contact: Tony Mathews, 2 Tralee Street, Brampton, Ontario L6Z2X4, Canada, tel: +1 905 840 2268 tmathews1@sympatico.ca Web: <a href="http://www.torontofreeflight.org/">http://www.torontofreeflight.org/</a>	August 12-14 Stalowa Wola, Poland	Summer Cup. F1A, F1B, F1C World Cup event. Entry fees: Senior €30 / Junior €15. Contact: Robert Radwanski, ul. Dmowskiego 7/19, 37-400 Stalowa Wola, Poland, tel: +48 15 8444515 or +48 600 46 66 24, email: rradwan@wp.pl
July 29-30 Bosanski Petrovac, Bosnia and Herzegovina	Memorijal Izet Kurtalic. F1A, F1B, F1C World Cup event. Entry fees: €30. Contact: Malik Cabaravdic, Gornje Rosulje 3, 71000 Visoko, Bosnia and Herzegovina, tel: +387 61 196 368, fax: +387 32 738 209, email: info@aeroklub-izet-kurtalic.ba, Web: <a href="http://www.aeroklub-izet-kurtalic.ba">http://www.aeroklub-izet-kurtalic.ba</a>	August 12-15 Kharkiv, Ukraine	Zmiev Cup. F1A, F1B, F1C, F1P World Cup event. Entry fees: €25. Contact: Mykola Kovalenko, Firm Idea Nesterova str 2, Kharkiv 61031, Ukraine, tel: +380 57 775 44 99 or +380 50 595 82 24, fax: +380 57 775 44 98, email: ideainfo@ukr.net
July 29-31 Beauvoir-sur- Niort, France	Azay le Brule Inter. F1A, F1B, F1C, F1G, F1H, F1J, F1K. Entry fees: €12. Contact: André Trachez, 11 rte de la Balderie La Rivière, 79370 Aigonnay, France, tel: +33 6 08 57 35 50, andre.trachez@laposte.net	August 13-14 Borden, ON, Canada	Canada Cup. F1A, F1B, F1C World Cup event. Entry fees: Cdn\$30 / Late entry Cdn\$40. Contact: Leslie Farkas, 21 Misty moor Drive, Richmond Hill, Ontario L4C 6P), Canada, tel: +1 905 886 6959, fax: +1 905 886 3025, e: aljolie@sympatico.ca Web: <a href="http://www.torontofreeflight.org">http://www.torontofreeflight.org</a>
July 30-31 Madziunai, Lithuania	Baltic Cup. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €30. Contact: Mantvydas Latvenas, Rasu 50a, Vilnius, Lithuania, tel: +370 683 757 72, email: montynis@yahoo.com Web: <a href="http://www.balticcup.lt">http://www.balticcup.lt</a>	August 13-17 Mostar, Bosnia and Herzegovina	47th Mostar Cup. F1A, F1B, F1C World Cup event. Entry fees: €30. Contact: Gordan Hribar & Robert Martinovic, S. Radica 76b, 88000 Mostar, Bosnia and Herzegovina, tel: +387 63 455 654 or +387 63 455 631, email: zk_mostar@yahoo.com Web: <a href="http://www.zkmostar.com">http://www.zkmostar.com</a>
July 30 - Aug 5 Ulaanbaatar, Mongolia	Mongolia Cup. F1A, F1B, F1C, F1G, F1H, F1J, F1P World Cup event. Entry fees: €70. Contact: Chimed Ganzorig, PO Box 46/716, 14201 Ulaanbaatar, Mongolia, tel: +976 990 864 51, fax: +976 11 322 508, email: ch_ganzorig@num.edu.mn Web: <a href="http://www.masa.mn">http://www.masa.mn</a>	August 19-20 Ilbesheim near Alzey , Germany	Europe Coupe Revival / 28. Ikarus Cup. F1A, F1B, F1Q, F1G, F1H. World Cup event. Entry fees: €30. Contact: Ansgar Nüttgens, Christiane Vulpius str 22, 60438 Frankfurt, Germany, tel: +49 163 70 14 884, email: an225@web.de
August 4 Moncontour, France	27th concours inter 2 minutes. F1G, F1H, F1J. Entry fees: €17. Contact: Yvon Jallet, 17 rte de Mirebeau, 86330 St Jean de sauves, France, tel: +33 5 49 50 84 38, email: jallet.yvon@akeonet.com	August 21 Martin, Slovakia	Martin Cup. F1E World Cup event. Entry fees: Senior €30 / Junior €15. Contact: Jaroslav Kostan, Zaturcianska 47, 03601 Martin, Slovakia, tel: +421 90 721 7539, email: jaro@kostanmodel.sk
August 4-5 Salonta, Romania	Harghita Cup. F1A, F1B, F1C, F1P World Cup event. Entry fees: Senior €30 / Junior €20. Contact: Kiss Istvan, str Berde Mozes nr 24, 535400 Cristurul-Secuiesc, Jud Harghita, Romania, t:+402 662 42 164, fax: +402 662 42 164, e: tanulokhaza@hrline.ro	August 25-28 Zülpich, Germany	42nd Internationaler Eifel Pokal. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: Senior €35 / Junior €15 / second. Contact: Peter Mönninghoff, Friedrich Ebert Str 41, 58332 Schwelm, Germany, email: info@eifelpokal.de, Web: <a href="http://www.eifelpokal.de">http://www.eifelpokal.de</a>
August 5-7 Thouars, France	34th Poitou. F1A, F1B, F1C World Cup event. Entry fees: €30. Contact: Michel Reverault, 1 ch. Du Grand Cornet, 79100 St Jean de Thouars, France, tel: +33 5 49 68 01 55, email: mreverault@orange.fr, Web: <a href="http://www.poitou-aero.com">http://www.poitou-aero.com</a>	August 26 Martin, Slovakia	Memorial of Peter Nosko. F1E World Cup event. Entry fees: Senior €30 / Junior €15. Contact: Jaroslav Kostan, Zaturcianska 47, 03601 Martin, Slovakia, tel: +421 90 721 75 39, email: jaro@kostanmodel.sk
August 6-7 Capannori (Lucca), Italy	5th Trofeo Citta di Capannori. F1A, F1B, F1C World Cup event. Entry fees: €30. Contact: Tomazzoni Maurizio, Via Rialto 36, 38068 Rovereto, Italy, tel: +39 464 430 230 or +39 335 5650 970, gaeatom@tele2.it	August 26-27 Ofakim, Israel	Negev Cup. F1A, F1B, F1C, F1G, F1H, F1P World Cup event. Entry fees: €25. Contact: Aviad Levy, POB 26261, Tel Aviv 61263, Israel, t:+972 3 517 5038, fax: +972 3517 7280 office@aeroclub.org.il
August 6-7 Salonta, Romania	Salonta Cup. F1A, F1B, F1C, F1P World Cup event. Entry fees: Senior €30 / Junior €20. Contact: Vincze Sándor, str M. Eminescu 35, 415500 Salonta, Jud. Bihor, Romania, tel: +40 7247 18 992, email: vinczesg@gmail.com, Web: <a href="http://www.f1aeromodelism.wordpress.com">http://www.f1aeromodelism.wordpress.com</a>	September 1-5 Samara, Russia	Memorial Mikhail Knyazev. F1A, F1B, F1C, F1P World Cup event. Entry fees: €25. Contact: Dzhamel Bekeyev, Airport Smishlayevka 4-12, Samara 443046, Russia, tel: +7 927 702 20 71, fax: +7 846 299 28 74, email: bekeev@mail.ru

September 2-4 Sisak, Croatia	Siscia Cup. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €30. Contact: Zoran Zechner, S. IA. Radica 3, 44000 Sisak, Croatia, tel: +385 95 914 76 75, fax: +385 44 523 179, email: zoran.zechner@sk.t-com.hr Web: http://www.aeromodelarstvo.net	September 24 Tass, Hungary	Árva János Memorial Contest. F1A, F1B, F1C, F1Q. Entry fees: €20. Contact: János Arva, Scherer Ferenc u.7, 5700 Gyula, Hungary, tel: +36 20 363 55 73, email: guti@fafem.hu, Web: http://faif1abc.com
September 3 Kietrz, Poland	Kietrz Cup. F1A, F1B, F1C, F1P, F1Q World Cup event. . Contact: Piotr Szymanski, Ul Szymanski 2a/3, 47-100 Raciborz, Poland, tel: +48 508 281 341, email: modelpiotrek@poczta.onet.pl	September 24 Tourtenay, France	7th Poitou Charentes. F1E World Cup event. Entry fees: €20. Contact: André Trachez, 11 rte de la Balderie La Rivière, 79370 Aigonnay, France, tel: +33 6 08 57 35 50, email: andre.trachez@laposte.net
September 3-5 Rinkaby, Sweden	Swedish Cup. F1A, F1B, F1C, F1P junior, F1Q,F1G F1H World Cup event. Entry fee: €30. Contact: Per Findahl, Fagerstavägen 25, 73742 Norberg, Sweden, tel: +46 223 22 957, email: per.findahl@telia.com Web: http://www.norbergsfk.se/swedishcup	September 25 St Jean de Sauves, France	Poitou - Montcour F1E. F1E World Cup event. Entry fees: €20. Contact: Yvon Jallet, 17 rte de Mirebeau, 86330 St Jean de Sauves, France, tel: +33 5 49 50 84 38, email: jallet.yvon@akeonet.com
September 4 Rinkeby, Sweden	Nordic Cup. F1A, F1B, F1C, F1Q World Cup event. Entry fees: €30. Contact: Henning Nyhegn, Industrivenget 28, 3400 Hillerod, Denmark, tel: +45 60 77 7309, fax: +45 4824 1069, henning@nyhegn.com	October 1-2 Gölbasi / Ankara, Turkey	Anatolian Free Flight Cup. F1A, F1B, F1C World Cup event. Entry fees: €30. Contact: Ismet Yurtseven, Bulgurlu, Aydinoglu Sokak no 21, 34696 Camlica Uskudar - Istanbul, Turkey, t: +90 216 521 14 14 fax: +90 216 4619180 ismety@banksoft.com.tr web: www.turkey-ff.info
September 9-11 Beregovoe near Feodosia, Ukraine	Free Flight Holiday - Latvia. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €30. Contact: Viktors Rosonoks, Bauskas iela 88, Riga 1004, Latvia, tel: +371 2951 88 55, fax: +371 672 84 987, email: Viktors.Rosonoks@riga.lv Web: http://www.famsu.org.ua	October 1-2 Prilep, Former Yugoslav Rep. of Macedonia	Prilep Cup. F1A, F1B, F1C World Cup event. Entry fees: Senior €25 / Junior €15. Contact: Todoroski Zdravko, Kej 4th July 1/5, 7500 Prilep, Former Yugoslav Rep. of Macedonia,t +389 75444157 or+72 247606 fax: +389 48411770 zdravkot@t-home.mk web: http://www.prilepcup.info
September 10 Toszek, Poland	Governor's Cup. F1E World Cup event. . Contact: Marek Lysakowski, ul. Sienkiewicza 8/10, 47-400 Raciborz, Poland, tel: +48 783 742 244, email: mlysakowski@poczta.onet.pl	October 11-12 Lost Hills, California, USA	Bissonette Cup of Denmark. F1A, F1B, F1C, F1E, F1P, F1Q World Cup event. Entry fees: US\$25. Contact: Walt Ghio, 1380 Euchorn Dr, Stockholm CA 95209, USA, tel: +1 209 478 8225, email: flbwalt@comcast.net
September 11 Toszek, Poland	Toszek Cup. F1E World Cup event. . Contact: Roman Sowa, ul. Gliwicka 6, 44-160 Rudziniec, Poland, tel: +48 605 683 577, email: romansowa@op.pl	October 14-16 Sentjerne, Novo mesto, Slovenia	Sentjerne Cup. F1A, F1B, F1C, F1P. Entry fees: Seniro €30 / Junior + add cat. €15. Contact: Janko Groselj JR, Precna 46, 8000 Novo Mesto, Slovenia, t: +386 733 48222 or +386 41 731660, fax: +386 7 3348222, aeroklub@insert.si www.aeroklub.insert.si
September 13-15 Beregovoe near Feodosia, Ukraine	Black Sea Cup - Estonia. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €30. Contact: Aavo Koppel, Kreegipuu 4, Maardu 74117, Estonia, tel: +372 50 488 86, email: aavo.koppel@hotmail.com Web: http://www.mudellend.ee	October 14-17 Lost Hills, California, USA	Sierra Cup. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: US\$45. Contact: Mike McKeever, 7252 Mockingbird St, Fair Oaks, CA 95628, USA, tel: +1 916 967 84 75, email: vamkeever@aol.com
September 16-18 Beregovoe near Feodosia, Ukraine	Free Flight Holiday - Lithuania. F1A, F1B, F1C F1P,F1Q World Cup event. Entry fee: €30. Contact: Rolandas Mackus, Paupio 24, 28140 Utena, Lithuania, tel: +370 687 260 02, e: rolandasmackus@vytrolma.lt Web: http://www.famsu.org.ua	October 21-23 Sentjerne, Novo mesto, Slovenia	Krka Cup. F1A, F1B, F1C, F1Q World Cup event. Entry fees: €30. Contact: Dragan Stankovic, Smarjeska c 44, 8000 Novo mesto, Slovenia, tel: +386 41 860 891, email: aeroklubkrka@siol.net
September 16-18 Pazardzik, Bulgaria	Bulgaria Cup. F1A, F1B, F1C, F1P Junior, F1Q World Cup event. Entry fees: €30. Contact: Valentin Savov, Bratia Benderevi str 5, Gorna Oriahovitsa, Bulgaria, tel: +359 888 408 940, fax: +359 618 60 772, e: valio@dir.bg web: www.F1ABC.com	October 29-30 Mühlenthurnen, Switzerland	Eurofly. F1A, F1B, F1C, F1G, F1Q World Cup event. Entry fees: €35. Contact: Walter Eggimann, Seftigenstrasse 125, 3123 Belp, Switzerland, tel: +41 31 819 17 84, email: eurofly@belponline.ch www.modellflug.ch
September 17-18 Andover, United Kingdom	Equinox Cup. F1A, F1B, F1C, F1P, F1Q World Cup event. Entry fees: €35. Contact: M J Woodhouse, 12 Marston Lane, Eaton, Norwich, Norfolk, NR4 6LZ, tel: +44 1603 457 754, fax: +44 1603 457 754, email: mike@freeflightsupplies.co.uk web: http://www.freeflightuk.org	November 6 Zapresic, Croatia	Zapresic Indoor Open F1N. F1N . Entry fees: €20. Contact: Robert Lesko, Matije Gupca 4, 10290 Zapresic, Croatia, tel: +385 95 90 61550, fax: +305 133 57 976, email: mkz@mk-z.hr

## 6TH PHILIPPE LEPAGE, ARZAY-BOSSIEU, FRANCE, OCT 30-31

### F1A 41 flew

1	I Kreetz	NED	750	+257
2	B Trachez	FRA	750	+236
3	A Van Wallene	NED	750	+163
4	S Chabot	FRA	744	
5	E Ragot	FRA	735	
6	E Jensen	DEN	718	
7	F Moreau	FRA	709	
8	B Bernard	FRA	706	
9	B Pouzet	FRA	688	
10	G Paris	FRA	643	
11	D Seren	GER	622	
12	G Bernard	FRA	614	
13	S Jensen	DEN	597	
14	G Ravard	FRA	585	
15	E Bernard	FRA	560	
16	A Bailly	FRA	557	

### F1B 24 flew

1	G Marquois	FRA	960	+286
2	W Morandini	FRA	960	+280
3	S Tedeschi	FRA	960	+236
4	I Yurtseven	TUR	955	
5	M Morandini	FRA	948	
6	D Barberis	FRA	919	
7	R Stulher	SUI	909	
8	P Coutineau (J)	FRA	900	
9	S Morandini	FRA	899	

### F1B-Junior 4 flew

1	P Coutineau	FRA	900
2	J Laty	FRA	752

### F1C 10 flew

1	P De Boer	NED	960	+300	+360
2	A Banci	ITA	960	+300	+303
3	M Nogga	GER	960	+300	+32
4	T Oxager	DEN	960	+282	
5	M Reverault	FRA	854		

### F1G 19 flew

1	M Picol	FRA	480	+207
2	L Dupuis	FRA	480	+183
3	J Drapeau	FRA	447	
4	R Nevers	FRA	442	
5	H Lavenent	FRA	421	
6	M Djian	FRA	360	
7	Y Gorban	UKR	339	

## BMFA FREE FLIGHT FORUM

Report by Ian Kaynes

The Forum was held on November 21 at a hotel at Hinkley. Last year this had been a new venue which had been a considerable improvement on the Holiday Inn previously used. The new venue benefits had worn off somewhat this year – the coffee ran out, there was no water, and the organiser had turned the thermostat right down. In addition there was little attention to keeping papers within time or terminating dwindling drawn out discussions. The big benefit that just allowed this to work was that two of the scheduled papers had been withdrawn!

The first paper was about engine design presented by Peter Halman, visiting from control line speed. Peter explained factors which influence engine design, such as transfer and exhaust passages, masses and balance of rotating components, and exhaust muffler or pipe design. He described his experiences developing Irvine engines.

Neil Cliff then spoke about various aspects of D-box, spar and fuselage construction. D-box materials included balsa plus cloth, or Rohacell and unidirectional carbon. Neil also described moulding a balsa D-box for tailplanes – the key was that water was applied only just as a way of transferring heat into balsa when placed on a hot plate. The heat allowed the balsa to be formed in a mould the same way as is done when making carbon D-boxes. Spar construction was described and also a jiggging method for built up rubber fuselages.

Peter Brown described his radio-linked thermal detecting system. This used wind and temperature sensors placed upwind with a radio link to the pen recorder at the flight line. The link was made by reworking a standard radio control 2.4 GHz transmitter and receiver with servos driving the pens. Like previous experimenters, Peter found the paper drive was the most difficult part. He developed a system with a servo advancing the paper a little in response to a pulse every 5 seconds. Mike Woodhouse had his equivalent Pim Ruyter system available for comparison. Peter had originally been interested in buying one but developed his own when told that Pim was not selling them.

Making carbon tubular spars was the subject covered by Mick Lester. A key factor was to have a smooth mandrel with no bumps to stop removal of the cured spar. Mike uses stainless steel, but a carbon rod could also be used. To ease wrapping cloth round the rod he placed the cloth on a larger piece of paper and wrapped it all round the tube. The inside layer of paper (backing paper from unidirectional carbon) could be removed after the tube was set. Mike continued after lunch about cutting cap strips.

Ray Elliott then explained his approach to F1B and why he uses single blade propellers. His first Wake had been built in 1965 and he flew in every trials for the next 20 years with standard simple model – no VIT, but some with autorudder. After a break in 1990 he flew models using the PGI trim and recently came back with that approach – a challenge flying against high performance models with gadgets. With no room to fold props under the wing he adopted a single blade folding over the wing. An article by Hewitt Phillips in the 1971 Sympo had suggested reasonable modest increases in diameter compared to a two-bladed prop but also advocated a 75% increase of blade chord. Ray had not followed that suggestion for a wide blade. A question from John O'Donnell raised the question of how best to balance the unbalanced mass and thrust from a single-blade prop. Ray uses simple mass balance on a straight arm, mounted on a wire Montreal stop hub.

Bryan Spooner described his method for making laminated propeller blades for vintage models. He took this approach when he had run out of suitable large blocks of balsa for carving props. He measured the locations of the edges of the prop on the design block and calculated the shape for an angled base for moulding blades. Two laminations of 1/16" balsa are stuck together with wallpaper paste. The edges of his finished props were neatly reinforced with 0.35mm nylon monofilament, stuck to the blade with Ambroid after roughening the nylon with glass paper.

Bryan stayed to talk about his work on revising the BMFA FFTC web site and showed sample access to various pages.

"Endeavours in electronic air picking" was Roy Vaughn's account of this thermal detection system. Although it might have seemed a potential revisit to the subject already covered by Peter Brown, it was in fact a totally different and equally innovative approach. Roy did not require an upwind sensor but he did want a recording system - in order to understand the air quicker than when having to watch displays of instantaneous values. He did not fancy a paper based system and so developed an electronic display. This was programmed on a Fujitsu Loox PDA with thermistor and anemometer sensors



interfaced to the PDA via a PIC chip. The clearly understood chart display used solid bars to show up better. It was possible to revise many aspects of the display to suit conditions.

I concluded the day with a presentation about F1E. This covered the basic principles, the design and construction of my windy weather models and the lighter models.

## BMFA SENIOR CHAMPIONSHIPS

Final positions for 2010. A total of 167 people scored points.

		1st Area	2nd Area	3rd Area	Northern G	4th Area	London G		F1E	Nationals			5th Area	FAI	East Anglia		6th Area	Southern G	F1E	7th Area	8th Area	Winter	Total
	day:-						1	2		1	2	3			1	2							
1	P Ball	6	6	6	12	4	18	7		15	6	3	10	15	12		12			1	12	18	163
2	C Foster	10	9	4	11		6	7		4	2	12	15		7	1	3	5		2	11	7	116
3	A Shepherd	15	3			9		11		9	6	10	3		5	6			6	10	3	108	
4	C Strachan	1		7.5	7.5	3				6	6	4	6		8	12	11.5	7			7	86.5	
5	T Grey	4			2	6	9	2		4	4	9	4	2	2	3		4		9	9	3	76
6	J Cooper				10	4	10	4		4					6			18			6	9	71
7	P Watson		9	1		6	6	2		4		6	6	9				6		9		6	70
8	S Willis					9	6			3	3		9	5	3	5					6	3	52
9	S Barnes	3	6		18	1					6	6		2						9			51
10	R Heap		4			2	4	6				7	4			15	1				3	2	48
11	F Rushby		4		6					3		2	12	6		4	6				3		46
12	P Brown		9	6				9			2	4		2			9	3.5					44.5
13	J Foster			1	3					4	2	6		9	2	4	10				1		42
14	P Tolhurst					3	9	4		2	3	2		1		4		3		2	3	4	40
15	C Chapman	3					3	4		3		3	3					2		4.5	10		35.5
16	J Carter	6		3	3					9		1		6				3		3			34
17	J O'Donnell					6				6	3	9					1			9			34
18	M Lester			2			3	1				2	9					9		3		3	32
19	A Beales											9	4		3			9				6	31
20	W Colledge		4							9					9			9					31
21	D Taylor	6	6	8.5								1		3		6							30.5
22	G Ferrer	4	6		4	1														4	9		28
23	P Seeley					6	3					2	1				8	4		4			28
24	A Crisp					9		10			1	6	1										27
25	C Parry				4.5		2	4			2						9	4				1	26.5
26	S Dixon	2		6				4				1						4		4	1	4	26
27	G Stringer										9	6	2	3				6					26
28	S Brewer				2		5	6		3							5	2				2	25
29	R Peers			9							6		6	4									25
30	P Woodhouse			3	6					3		4	2	2	1							4	25
31	J Hook	9					3	6									2	4					24
32	D Neal	9	3	4													1			6			23
33	C Edge		3							6		3					4			6			22
34	J Pennington		9														9	4					22
35	S Screen			4		4	4					4		1				1			4		22
36	M Page		2								4			6			3					6	21
37	D Cox						1			3			3					6		4		3	20
38	T Payne	6			2					9								3					20
39	M Cook						9	9													1		19
40	R Jack													9						9			18
41	D Limbert				2	4				2	4									6			18
42	S Philpott					1			2			9					2		4				18
43	M Quinn				6	3					9												18
44	R Vaughn							3				2						9			4		18
45	B Baines		4	9										4									17
46	J Deeming	6				11																	17
47	G Hart												6			2	9						17
48	J Howick		3							2				3	9								17



## MIDLAND GALA, NORTH LUFFENHAM, OCTOBER 24

Bright all day wind 10 to 15, 10 at F/O.

### F1H 7 flew

1	J Cooper	Biggles	8.25
2	N Parry	Biggles	7.43
3	G Peck	Cleemac	7.29

### F1G 4 flew

1	A Longhurst		9.56
2	S Willis	Croydon	8.52
3	M Marshall		7.21

### F1J/1/2A 5 flew, 3 F/O

1	P Watson	Birmingham	10.00	+6.05
2	S Dixon	Birmingham	10.00	+2.19
3	M Lester	Birmingham	10.00	+2.04

### Mini Vintage 8 flew

1	P Ball	Grantham	6.00	5.25
2	C Foster	Morley	6.00	3.43
3	A Beales	Croydon	6.00	2.03
4	P Fynn	Grantham	5.10	

### HLG/CAT 7 flew

1	P Ball	Grantham	5.38
2	M Page	Peterborough	4.58
3	P Cowley		4.14
4	P Tolhurst	Hayes	4.10

### P30 4 flew

1	C Strachan	Biggles	5.49
2	D Beales	Croydon	3.48

### CO2 3 flew

1	C Strachan	Biggles	6.00
2	P Gibbons	Peterborough	5.22

### E30 3 flew, 2 F/O

1	T Grey	Crookham	6.00	+6.06
2	A Shepherd	Crookham	6.00	+3.39

### SLOP 2 flew

1	P Woodhouse	Morley	2.09
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## GRANTHAM/FALCONS GALA, BARKSTON HEATH, NOVEMBER 7

Report by Russell Peers

Once again I had the good fortune to CD this contest. I spent a very cold but satisfying day at the CD table. I arrived at Barkston at 8am to find Walt Hodgkinson already manning the gate – many thanks to him. I was second on the gate entry sheet.

It started to rain but stopped by the 9am start. As a result of a wind speed of about 7 mph dropping to 3 mph by the flyoff time we had a very good contest. A few highlights come to mind:-

Combined Rubber – 6 made the flyoff with Phil Ball's Hi-Tech 50g model scoring 8.18 in the last flyoff of the day.

Combined Power – 7 maxed out and Frank Rushby's Creep did 8.38 ousting Pete Watson's very fast climb 7.34.

Mini-Vintage – Jack Foster did a fine 5.07. Colin Foster had a fantastic climb but an over-run of more than 30 sec. 5 maxed out.

Combined Glider – 6 maxed out with World Champs team member John Carter DTing down on a 13.41 flyoff followed by John Cooper's 9.28

HLG/CAT – Bill Colledge did 6 maxes. He had a launch problem of 20 sec on his fourth flight and a very good 7 flight total of 6.20. Paul Crowley, a country member, was very pleased with his 6.04 for third place.

It took many miles on my trip home for me to thaw out. I hope next year will be less cold but hopefully and equally calm day.

### Combined Glider

1	J Carter	7.30+13.41
2	J Cooper	+9.28
3	G Hart	+5.18
4	S Darmon	+3.30
5	B Baines	+2.50
6	C Foster	+2.49

### Combined Rubber

1	P Ball	7.30+8.18
2	J O'Donnell	+6.42
3	S Willis	+3.59
4	P Woodhouse	+3.50

### HLG/Catapult

1	W Colledge	6.20
2	P Ball	6.13
3	P Croawley	6.05

### Combined Power

1	F Rushby	7.30+8.33
2	P Watson	+7.34
3	T Payne	+6.48
4	S Barnes	+6.06
5	D Limbert	+4.58

### Mini Vintage

1	J Foster	6.00+5.07
2	G Warburton	+2.02
3	C Foster	O/R

## BMFA F1E

The final event was not flown and so the team selection final results are as follows:

		May	Sept	total points
1	S Philpott	45	50	95
2	I Kaynes	40	45	85
3	D Bartle	50	-	50
4	R Sutton		40	40
5	B Lumb		35	35

## FREE-FLIGHT TRIMMING ON SALISBURY PLAIN FOR 2011

For 2011 almost every weekend will be available for free-flight trimming and training by BMFA members on Area 8 on Salisbury Plain. Those flying any free-flight classes will be welcome, as well as those practising for FAI FF contests. This is one of the best free-flight venues in Britain, and the aim is to improve overall free-flight standards in the UK.

There are a few simple rules to follow. Send an SAE to Bernard Aslett, 25, Honeyhill, Wooton Bassett, Swindon, Wilts, SN4 7D; in return you will receive a sketch map showing where we fly on Training Area 8, a request for the one-off fee, now reduced to £20, which will allow you 43 weekends flying, and two copies of the users' guide. Sign one copy, return it to Bernard, and your name will be included on the Army security list (unless you're already on it). Alternatively, if you don't wish to pay the season ticket fee, once you are on the list you can pay £5 on the day. Please note that on some weekends only one day is available.

The following dates have been agreed, but because of the current military situation short-notice changes are more likely, so you must call Peter Tribe on 01225-862748 on the Friday before you plan to fly unless having received email news of status for that weekend. if you wish to add or delete your name on the email list, contact Peter on petertribe46@talktalk.net ,and copy in Bernard Aslett on bernard.aslett@yahoo.co.uk '.

Jan. 1/2, Jan. 8/9. Jan.15/16, Jan.22/23, Jan.29/30

Feb. 5/6, Feb.12/13, Feb.19/20, Feb.26/27

March 5/6, March 12/13, March 19/20, March 26/27

April 2/3, April 16/17, April 23/24, April 30/May 1

May 7/8, May 21/22. May 28/29

June 4/5, June 11/12, (Not 25/26)

July 2/3, July 9/10, July 16/17, July 23/24, July 30/31

Aug. 6/7, Aug.13/14, Aug.20/21, Aug. 27/28

Sept. 4, Sept. 10/11, Sept. 17/18, Sept. 24/25

Oct.1/2, Oct. 15/16, Oct. 22/23, Oct. 29/30

Nov. 5/6, Nov. 12/13, Nov. 19/20, Nov. 26/27

## BIGGLES SMART BUY

From David Brawn

This is not about my bright yellow Smart car, quite the cutest car seen on UK airfields and now sadly missed, but about Smart Phones for GPS assisted recovery. I've penned an article for Free Flight Down Under edited by Malcolm Campbell - [actrain@ozemail.com.au](mailto:actrain@ozemail.com.au) - on the latest developments in GPS and smart phones and this will also be in Biggles News in the new year.

My mate John Thorn (GPS and digital cartography guru) and myself are jointly producing a 'Thoughts On Buying a GPS Unit.' paper for our DWG clients that brings my 'GPS The Easy Way' book up to current day developments in hardware and software. If you would like a copy of this paper when it is ready then email me at david 'dot' brawn 'at' ntlworld.com. We have been looking at and trail testing the latest mapping GPS units - see Mapyx Quo and Memory Map websites for info on these units - and looking at GPS equipped smart phones and software.

Smart phones, and iPhones, are usually in the £300-£500 price bracket but John emailed me to say that he had just bought the new Orange San Francisco android smart phone for £99 + £20 payg topup. We've just gone into Orange to get one each, mine will be using the Trekbuddy mapping app when I get to grips with it. There are reports that these models are selling out in some Orange shops. Where you get your digital mapping from can be a problem but John has a neat software package Mapc2Mapc that will convert a calibrated digital map into Trekbuddy map files.

I will be converting my airfield maps into Trekbuddy map files to use on the San Francisco and I can probably make these available as a zip file for other Free Flight users for the nominal cost of a pint of real ale at the Houblon Arms.

Web resources to research this topic are:-

Free Flight Down Under - Malcolm Campbell  
[actrain@ozemail.com.au](mailto:actrain@ozemail.com.au)

Lowrance Endura mapping GPS units [www.mapyx.com](http://www.mapyx.com)

Adventurer 2800 & 3500 mapping GPS units  
- [www.memory-map.co.uk](http://www.memory-map.co.uk)

Orange San Francisco - Google Orange San Francisco  
San Francisco review -  
<http://recombu.com/reviews/orange/san-francisco/> and others

Mapc2Mapc <http://www.the-thorns.org.uk/mapping/>

Trekbuddy forum <http://www.trekbuddy.net/forum/>

## NOTICEBOARD

FOR SALE PALM TRG PILOTS. Julian Pennington has 2 Palm TRG Pilots for sale. The Palm pilots are ideal for use Black Magic Timers. The Palm Pilots for sale are TRG Pros which are Palm 3x but with the added benefit of an external compact flash storage and backup facility. Both devices are used.

There are 2 bundles each bundle consists of:

1xPalm Pilot TRG Pro  
1x16MB compact flash loaded with Super Magic Software  
1xPalm docking station with PC DB9 connector  
1xCD containing TRG/Palm III software and BMT Super Magic software  
Belkin NiCad battery installed into Palm Pilot  
Belkin 12v battery Charger (Plugs into car cigarette socket)  
Data lead from Palm to BMT timer (3 mm connector)

Price of one bundle as described above including postage £40.  
Contact Julian at [julianpennington@btinternet.com](mailto:julianpennington@btinternet.com)

## INDOOR WORLD RECORDS

FAI has ratified the following Class F1M world record:

F1M record 117-a (duration, ceiling less than 8m) time 17 min 39 s by Akihiro Danjo of Japan on October 8. The previous record was 16 min 44 sec set by Akihiro on May 6, 2001.

FAI has received the following claims for a class F1N record:

Record 118-d (duration, ceiling over 30m) time 1 min 45s by Stan Buddenbohm (USA) on October 31 at Tustin. The current record is 1 min 41.2 sec set by Mitsuru Ishii of Japan on September 10, 2008.

The details are provisional. When all evidence has been received and checked, the record will be ratified if appropriate.

## AREA CENTRALISED CONTESTS 2011

From Peter Watson:

After having the role of coordinator/CD, for the Midland Area, for the last three years, I am now retiring from this position.

A lot of people attend regularly, at both Barkston Heath, and North Luffenham, so it is essential that an individual/s, or Club/s, take over this role.

Remember, the 1st Area event in 2011, is on 23rd January.

For further information, contact, Peter Watson  
[peterwatson47@hotmail.com](mailto:peterwatson47@hotmail.com)

## F1H AND F1J LEAGUES

From Roger Heap

The F1H glider trophy was won by John Cooper by a good points margin at the end. The F1J-1/2A power trophy however, was very close and wasn't decided until the last flyoff at the Midland Gala. The winner was Pete Watson, just beating Simon Dixon on equal points by virtue of his six point second place at the Nationals.

Glider...24 competitors			Power. 10 competitors	
1	J Cooper	34	1	P Watson 21
2	C Parry	19	2	S Dixon 21
3	R Heap	18	3	P Woodhouse 11
4	G Madelin	15	4	K Faux 9
5	J Hook	10	5	C Foster 8
5	N Parry	10	6	M Lester 7

The complete 2010 results and the calendar for 2011 are here..

<http://www.bigglesleague.highsociety.org/results.html>

The provisional list for 2011 is:

April 9	London Gala	F1H	F1J
April 22	Northern Gala	F1H	F1J
May 28-30	Nationals	F1H	F1J
June 5	Oxford	F1H	
Sept 3	Southern Gala	F1H	F1J
Oct 30	Midland Gala	F1H	F1J
	Brumfly		F1J

## FFn

May we remind you that a subscription renewal form was included with the November FFn. If your subscription expires after the December issue please renew your subscription now to ensure continued supply in 2011. The subscription rates for 2011 are £20 UK, £22 Europe and £27 for the rest of the world.

## FAI FREE FLIGHT WORLD CUP

F1A was won by Sergey Makarov of Russia, winning by a bonus point margin of 5 points ahead of the two Slovenians Roland Koglot and Daniel Terlep. In F1A-Junior Nikolay Bardarov (Bulgaria) and Oskar Findahl (Sweden) both finished