FREE FLIGHT news

CONTENTS

FFn	112
CIAM Bureau meeting	112
CIAM Competition Calendar 2014	112
Free Flight Forum	117
Eurofly, Mühlenthurnen, Switzerland, October 26-27	119
BMFA Team Selection	119
BMFA 8th Area Meeting, October 6	120
Midland Gala, North Luffenham, October 20	120
Jack Allen	120
F1H Euro Challenge	120
F1J Euro challenge	121
BMFA Indoor	121
UK Competition News	122
Australian FF Field	122
BMFA Free Flight Championship	122

FFn DIARY

December 14-15 Salisbury Plain	BMFA Trimming Weekend. See FFn 1301. Must call Peter Tribe on Friday before 01225 862748.
January 20 (Monday)	Chobham Tree Chop. Staple Hill car park 10.00
January 25 Ceminac, Croatia	Indoor Open Ceminac. F1N. Contact: Antun Sikic, Krizanicev trg 1, 31000 Osijek, Croatia, tel: +385 31 208 262, fax: +385 31 208 262, email: asikic@gmail.com web: www.ak-osijek.hr
February 8-10 Lost Hills, California, USA	Kiwi Cup of New Zealand. F1A, F1B, F1C, F1E, F1P, F1Q. World Cup event. Contact: Roger Morrell, 1916 B Gates Ave, Redondo Beach, CA 90278, USA, tel: +1 310 483 8776, em: r_morrell@yahoo.com
February 12 Lost Hills, California, USA	North American Cup. F1A, F1B, F1C. World Cup event. Contact: Tony Mathews, 2 Tralee Street, Brampton, Ontario, Canada L6Z2X4, tel: +1 705 754 5553, email: tmathews180@gmail.com web: www.torontofreeflight.otg
February 13-17 Lost Hills, California, USA	Maxmen International. F1A, F1B, F1C, F1E, F1P, F1Q. World Cup event. Contact: Aimee Schroedter, 807 Inverness Dr, Milpatas, California 95035, USA, tel: +1 650 387 8812 email: aimee@oceanracer.net
February 17 (Monday)	Chobham Tree Chop. Staple Hill car park 10.00
February 23 Area Venues	BMFA 1st Area event. C/G (Plugge), C/P (White/ Plugge), C/R, B/E(Plugge), Mini Vintage. Contact: Area Comp Secs.
February 23 Nova Pazova, Serbia	5th Koplas Pro cup. F1N. Contact: Bozo Grubic, Sime Solaje 15, 22330 Nova Pazova, Serbia, tel: +38 16 380 147 132, fax: +38 122 32 35 97, email: bozo.grubic@yahoo.com web: www.aknovapazova.com
March 1-2 Hranice, Czech Rep.	2 F1E World Cup events 1st: Winter Cup I, 2nd Winter Cup II. Contact: Vojtech Zima, Smetanovo nab. 1840, 753 01 Hranice, Czech Rep., tel: +420 604 589 792, email: voziteam@seznam.cz
March 15 Gjovik, Norway	Holiday on Ice. F1A, F1B, F1C, F1Q. World Cup event. Contact: Tor Bortne, Jernbanev 28, 2840 Reinsvoll, Norway, tel: +47 920 95 329, email: tobortne@bbnett.no web: www.frifluktvegar.no
March 16 Area Venues	BMFA 2nd Area event. F1A (KMAA/Plugge), C/P, E30, C/R (Gamage/ Plugge), HLG-CLG(Plugge). Contact: Area Comp Secs.
March 20 Säkylän Pyhhäjärvi, Finland	Swedish Moose Cup. F1A, F1B, F1C, F1P, F1Q. World Cup event. Contact: Per Findahl, Bergvägen 8, 73833 Norberg, Sweden, tel: +46 223 22 957, email: per.findahl@gmail.com web: http://norbergsfk.se/swedishcup
March 22-23 Säkylä, Pori, Finland	Bear Cup. F1A, F1B, F1C, F1Q. World Cup event. Contact: Kim Henriksson, Ymmerstanmäki 9B, 02750 Espoo, Finland, tel: +358 44 7688 370, email: kim.henriksson@vahanen.com web: www.lennokkipojat.fi
March 31 - Apr 5 Slanic Prahova, Romania	F1D World Championship Juniors and Seniors. F1D.

7 Ashley Road, Farnborough, Hants, England GU14 7EZ ffn@btinternet.com
Web site address: www.freeflightnews.org.uk
Compiled and produced by Ian Kaynes, Paul Masterman and Michael Warren

FFn

A subscription renewal form was included with the November FFn. Thank you if you have already sent your form, a reminder to others that prompt return now will ensure your copy of the January FFn. The 2013 NFFS Symposium Reports are still available.

CIAM BUREAU MEETING

Report by Ian Kaynes

The Bureau meeting was held in Lausanne on December 6th and 7th. Tasks of the meeting include preparing the 2013 contest calendar and to review plans for the 2013 Championships.

This year proposals for the agenda of the 2014 Plenary meeting were not made available for review at the meeting. The proposals relevant to free flight will be described in a future FFn when the details are known.

2014 Championships News

Junior World Championships F1A F1B F1P will be held at Salonta in Romania (close to the Hungarian border) from July 28 to August 3.

Accommodation is described as costing no more than €45 per day, using hotels ranging from local ones in Salonta up to Oradea 40km away. Entry fees are €270.

The timetable is

July 28	Arrival, registration
July 29	Model processing, practice, opening ceremony
July 30	F1A contest
July 31	F1B contest
Aug 1	F1P contest
Aug 2	reserve day, closing ceremony, banquet.
Aug 3	departure.

The European Championships F1A F1B F1C will also be held at Salonta in Romania from August 11 to 17, details as described above the the Junior event. Entry fees are €300. There are World Cup events at Salonta before the Championships, on August 8 and 9.

The timetable is:

Aug 11	Arrival, registration
Aug 12	Model processing, practice, opening ceremony
Aug 13	F1A contest
Aug 14	F1B contest
Aug 15	F1P contest
Aug 16	reserve day, closing ceremony, banquet.
Aug 17	departure.

The F1E European Championships for Juniors and Seniors will be held at Martin in Slovakia, like the World Championships last year. The plans are very similar to that event. Entry fees are €250 seniors and €200 juniors. The schedule is:

Aug 23	Early arrival and registration
Aug 24	Martin Cup World Cup or Champs arrival
Aug 25	Processing, opening, team managers meeting
Aug 26	Junior championships
Aug 27	Senior championships
Aug 28	reserve day
Aug 29	Nosko memorial World Cup or reserve day for Championships, prize giving and banquet
Aug 30	World Cup reserve day, departure

Mongolia had submitted a bid for a *2014 Asian Oceanic FF Championship F1A F1B F1C.* There was discussion in Bureau that this was too late according to the bid rules (just like it was in 2012) but it was accepted by the Bureau. In order to increase the number of eligible countries, this event will be for the FAI defined continental region of Asia and Oceania. Mongolia is, of course, also the host of the 2015 World Championships. Entry fees are €250 for the Championships and €50 Mongolia Cup. Accommodation full board costs range from US $40 upwards according to type and facilities.

The timetable is:

July 19	Early arrival and registration
July 20	Arrival, registration, processing, opening ceremony
July 21	F1G, F1H contest
July 22	Mongolia Cup F1A
July 23	Mongolia Cup F1B F1C
July 24	Reserve day
July 25	Asian Championships F1A
July 26	Asian Championships F1B and F1C
July 27	Open national Mixmen F1A F1B F1C
July 28	Reserve day, tour, closing ceremony, banquet
July 29	Departure.

CIAM COMPETITION CALENDAR 2014

The following is the provisional 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 all events.

Note that the calendar is provisional because a very few events remain in doubt with regard to their CIAM registration Check the FAI web site later in December for the final calendar. Any revisions will be listed in the January FFn.

World Cup summary F1E

Feb 8-10	Lost Hills	USA	Kiwi Cup
Feb 13-17	Lost Hills	USA	Maxmen
Mar 1	Hranice	CZE	Winter Cup I
Mar 2	Hranice	CZE	Winter Cup II
Apr 26	Oberkotzau	GER	World Cup
Apr 27	Oberkotzau	GER	Föhrlberg-Cup
May 24	Turda	ROU	Turda Cup
May 25	Turda	ROU	Popa Cringu
June 21	Monti Lessini	ITA	Coppa Primavera
June 22	Monti Lessini	ITA	Volare Lessini
July 10-12	Denver	USA	Centennial Cup
July 11	Denver	USA	Tui Cup
Aug 24	Martin	SVK	Martin Cup
Aug 29	Martin	SVK	Nosko Memorial
Aug 31	Raçibórz	POL	Governor's Cup
Sep 13	Tourtenay	FRA	Poitou Charentes
Sep 14	St JeandeSauves	FRA	Poitou Moncontour
Sep 20	Toszek	POL	Toszek Cup
Sep 21	Gliwice	POL	Friendship Cup

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

	venue			F1 classes
Feb 8-10	Lost Hills	USA	Kiwi Cup	ABCPQ
Feb 12	Lost Hills	USA	North American Cup	ABC
Feb 13-17	Lost Hills	USA	Maxmen	ABCPQ
Mar 15	Gjovik	NOR	Holiday on Ice	ABCQ
Mar 20	Säkylä	FIN	Swedish Moose Cup	ABCPQ
Mar 22-23	Säkylä	FIN	Bear Cup	ABCQ
Apr 11-15	Nalchik	RUS	Euro & Asia Cup	ABCP
Apr 15-19	Nalchik	RUS	Naloev Cup	ABCP
Apr 18-19	Orim	ISR	Passover Open	ABCPQ
Apr 23-24	Narrandera	AUS	Kotuku Cup	ABC
Apr 25-27	Narrandera	AUS	Southern Cross Cup	ABC
Apr 26	Lucenec	SVK	L. Janacik - Jumbo Cup	ABC
Apr27-May1	Narrandera	AUS	Australian FF Champs	ABC
May 3-4	Vsechov	CZE	Jihocesky Pohar	ABC
May 10-11	Andover	GBR	Stonehenge Cup	ABCPQ
May 10	Salonta	ROU	Szabo Miklos	ABCQ
May 11	Salonta	ROU	4th Budapest Cup	ABCQ
May 14-16	Kharkov	LAT	FF Latvia Cup	ABC
May 16-18	Vize-Kirklareli	TUR	Istanbul FF Cup	ABC
May 16-18	Pazardzik	BUL	Sofia Cup	ABCP
May 24-25	Zrenjanin	SRB	31st Srem Cup	ABCPQ

June 16-19	Uralsk	KAZ	Kazakhstan Cup	ABCP
June 20-24	Samara	RUS	Mihail Knyazev	ABCP
June 26	Rinkaby	SWE	Swedish Cup	ABCPQ
June 27-30	Rinkaby	SWE	Danish Cup	ABCPQ
June 29-30	Rinkaby	SWE	Norwegian Cup	ABCQ
July 10-12	Denver	USA	Centennial Cup	ABCPQ
July 11-15	Nalchik	RUS	Elbrus Cup	ABCP
July 11-12	Chernigiv	UKR	34th Antonov Cup	ABCP
July 11-13	Denver	USA	Tui Cup	ABCPQ
July 12-13	Chernigiv	UKR	Commonwealth Belarus	ABCP
July 12	Mostar	BIH	50th Mostar Kup	ABCQ
July 19	Tottenham	CAN	Huron Cup	ABCQP
July 19-24	Ulaanbaatar	MGL	Mongolia Cup	ABCP
Aug 2-3	Ankara	TUR	Anatolian FF Cup	ABC
Aug 8	Salonta	ROU	Harghita Cup	ABCPQ
Aug 8-9	Noizé	FRA	Poitou	ABC
Aug 9	Salonta	ROU	Salonta Cup	ABC
Aug 23	Bosanski	BIH	Izet Kurtalic	ABC
Sep 4-7	Zülpich	GER	45th Eifelpokal 2014	ABCQ
Sep 5-6	Feodosia	UKR	FF Holiday Mongolia	ABC
Sep 6	Kietrz	POL	Kietrz Cup	ABCQ
Sep 7	Raçibórz	POL	Raciborz Cup	ABCQ
Sep 10-11	Berehove	UKR	FF Holiday Latvia	ABC
Sep 12-15	Samara	RUS	Almaty Cup	ABCP
Sep 12-13	Berehove	UKR	Victor Stamov Cup	ABC
Sep 12-14	Levski	BUL	Bulgaria cup	ABCP
Sep 20	Zabokreky	SVK	Hogo Cup	ABC
Sep 27-28	Andover	GBR	Equinox Cup	ABCPQ
Sep 27	Prilep	MKD	Prilep cup	ABCPQ
Sep 28	Prilep	MKD	World Cup Macedonia	ABCPQ
Oct 4-5	Vsechov	CZE	Jihocesky Pohar	ABC
Oct 11-12	Capannori	ITA	Trofeo Capannori	ABCQ
Oct 11-12	Lost Hills	USA	Canada Cup	ABCQ
Oct 12-14	Lost Hills	USA	Sierra Cup	ABCPQ
Oct 18	Zagreb	CRO	CRO Cup Siscia	ABCQ
Oct 18	Zrenjanin	SRB	Djordje Zigic	ABC
Oct 19	Zagreb	YUG	CRO Cup Zapresic	ABCQ
Oct 25-26	Arzay-Bossieu	FRA	Philippe Lepage	ABCQ
Nov 25	Berehove	UKR	Cup of Moldovia	ABC
Nov 26	Berehove	UKR	Golden Autumn Moldovia	ABC
Dec 19-20	Orim	ISR	Hanukkah open	ABC

January 25
Ceminac, Croatia

Indoor Open Ceminac. F1N. Entry fee: €8. Contact: Antun Sikic, Krizanicev trg 1, 31000 Osijek, Croatia, tel: +385 31 208 262, fax: +385 31 208 262, email: asikic@gmail.com web: www.ak-osijek.hr

February 8-10
Lost Hills, California, USA

Kiwi Cup of New Zealand. F1A, F1B, F1C, F1E, F1P, F1Q. World Cup event. Entry fee: US$25. Contact: Roger Morrell, 1916 B Gates Ave, Redondo Beach, CA 90278, USA, tel: +1 310 483 8776, email: r_morrell@yahoo.com

February 12
Lost Hills, California, USA

North American Cup. F1A, F1B, F1C. World Cup event. Contact: Tony Mathews, 2 Tralee Street, Brampton, Ontario, Canada L6Z2X4, tel: +1 705 754 5553, email: tmathews180@gmail.com, web: www.torontofreeflight.otg

February 13-17
Lost Hills, California, USA

Maxmen International. F1A, F1B, F1C, F1E, F1P, F1Q. World Cup event. Entry fee: US$30. Contact: Aimee Schroedter, 807 Inverness Dr, Milpatas, California 95035, USA, tel: +1 650 387 8812, email: aimee@oceanracer.net

February 23
Nova Pazova, Serbia

5th Koplas Pro cup. F1N. Entry fee: €10. Contact: Bozo Grubic, Sime Solaje 15, 22330 Nova Pazova, Serbia, tel: +38 16 380 147 132, fax: +38 122 32 35 97, email: bozo.grubic@yahoo.com web: www.aknovapazova.com

March 1-2
Hranice, Czech Rep.

2 F1E World Cup events. 1st: Winter Cup I, 2nd Winter Cup II. Entry fee: Senior €30 / Junior €15 per contest. Contact: Vojtech Zima, Smetanovo nab. 1840, 753 01 Hranice, Czech Rep., tel: +420 604 589 792, email: voziteam@seznam.cz

March 15
Gjovik, Norway

Holiday on Ice. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: €35. Contact: Tor Bortne, Jernbanev 28, 2840 Reinsvoll, Norway, tel: +47 920 95 329, email: tobortne@bbnett.no web: www.frifluktvegar.no

March 20
Säkylän Pyhhäjärvi, Finland

Swedish Moose Cup. F1A, F1B, F1C, F1P, F1Q. World Cup event. Entry fee: Senior €35 / Junior €15. Contact: Per Findahl, Bergvägen 8, 73833 Norberg, Sweden, tel: +46 223 22 957, email: per.findahl@gmail.com web: http://norbergsfk.se/swedishcup

March 22-23
Säkylä, Pori, Finland

Bear Cup. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: Senior €35 / Junior €15. Contact: Kim Henriksson, Ymmerstanmäki 9B, 02750 Espoo, Finland, tel: +358 44 7688 370, email: kim.henriksson@vahanen.com web: www.lennokkipojat.fi

March 29-31
Slanic Prahova, Romania

Memorial Otto Hints. F1D. Entry fee: Senior €40 / Junior €20. www.frmd.ro

March 31 - Apr 5
Slanic Prahova, Romania

F1D World Championship Juniors and Seniors. F1D.

April 5
Nova Topola, Bosnia and Herzegovina

2nd RS Open National. F1A, F1B, F1C. Entry fee: €30. Contact: Milos Budimcic, Karadjordjeva 62, 78250 Laktasi, Bosnia and Herzegovina, tel: +387 65 737 027, fax: +387 51 530 447, email: d7mp4vfs@teol.net web: www.aeroklub-izet-kurtalic.ba

April 11-15
Nalchik, Russia

Euro & Asia Cup. F1A, F1B, F1C, F1P. World Cup event. Entry fee: Senior €25 / Junior €15. Contact: Naloev Nikolay, Tumur S, Shortanova 17 a-57, Nalchik, Kabardino-Balkarian resp, Russia, tel: +7 928 084 44 79 / +976 990 94 147, fax: +7 866 242 27 34, email: naloev@mail.ru or: masa.mongolia@yahoo.com

April 15-19
Nalchik, Russia

Naloev Cup. F1A, F1B, F1C, F1P. World Cup event. Entry fee: Senior €25 / Junior €15. Contact: Nikolay Naloev, Shortanova str 17a-57, Nalchik, Kabardino-Balkarian resp, Russia, tel: +7 928 084 44 79, fax: +7 866 242 27 34, email: naloev@mail.ru

April 18-19
Orim, Israel

Passover Open - Israel FF competition. F1A, F1B, F1C, F1P, F1Q, F1G, F1H. World Cup event. Entry fee: €20. Contact: Aviad Levy, Aero Club of Israel, POB 26261, 61263 Tel-Aviv, Israel, tel: +972 3 517 50 38, fax: +972 3 517 72 80, email: office@aeroclub.org.il www.aeroclub.org.il

April 23-24 Narrandera NSW, Australia	Kotuku Cup. F1A, F1B, F1C, F1G, F1H, F1J. World Cup event. Entry fee: €25. Contact: Robert Wallace, 956 Riversleg Road, 4122 South Hastings, New Zealand, tel: +64 6 87 84 993, email: ffonzrjw@xnet.co.nz
April 25-27 Narrandera NSW, Australia	Southern Cross Cup. F1A, F1B, F1C. World Cup event. Entry fee: AU$40. Contact: Tahn Stowe, 3/152 Brook Street, Coogee NSW 2034, Australia, tel: +61 296 646 198, email: stowes@ozemail.com.au
April 26-27 Oberkotzau, Germany	2 F1E World Cup events. 26th:World Cup, 27th Föhrlberg-Cup. Entry fee: €30 each. Contact: Peter Kuttler, Schneebergstr 26, 95145 Oberkotzau, Germany, tel: +49 92 86 61 87, email: peter-kuttler@web.de
April 26 Lucenec-Bolkovice, Slovakia	Memorial of Janacik - Jumbo Cup. F1A, F1B, F1C. World Cup event. Entry fee: Senior €30 / Junior €20. Contact: Stefan Hubert, Malinovskeho 5, 984 01 Lucenec, Slovakia, tel: +421 905 145 107, email: gabika1988@hotmail.com
April 27 - May 1 Narrandera NSW, Australia	Australian Free Flight Championships. F1A, F1B, F1C. World Cup event. Entry fee: AUD 40. Contact: Vin Morgan, 644 Canning St, Carlton Nth 3054, Australia, tel: +61 39 38 72 531, email: vin.morgan@utas.edu.au
May 3-4 Vsechov, Czech Rep.	29th Jihocesky pohar. F1A, F1B, F1C. World Cup event. Entry fee: Senior €40 / Junior €20. Contact: Jan Cihak, Hajkova 295, 201 11 Plana n/L, Czech Rep., tel: +420 604 678 740, fax: +420 381 292 017, email: jan.cihak@seznam.cz web: www.mksu.cesko.net
May 10-11 Andover, United Kingdom	Stonehenge Cup. F1A, F1B, F1C, F1P, F1Q. World Cup event. Entry fee: £10. Contact: M J Woodhouse, 12 Marston Lane, Eaton, Norwich, Norfolk, NR4 6LZ, United Kingdom, tel: +44 1603 457 754, fax: +44 1603 457 754, email: mike@freeflightsupplies.co.uk web: www.freeflightuk.org
May 10 Salonta, Romania	Szabo Miklos Memorial Contest. F1A, F1B, F1C, F1Q, F1H. World Cup event. Entry fee: €30. Contact: József Guti, Arany J. u. 47, 5700 Gyula, Hungary, tel: +36 20 363 5573, email: gutijozsef74@gmail.com web: http://dobosistvanmk.lapunk.hu
May 11 Salonta, Romania	4th Budapest Cup. F1A, F1B, F1C, F1Q, F1H. World Cup event. Entry fee: €30. Contact: Patócs László, Erdélyi u. 4, 1202, Hungary, tel: +36 70 502 72 25, email: repulsor@t-online.hu web: www.faif1abc.com
May 14-16 Kharkov, Ukraine	Free Flight Latvia Cup. F1A, F1B, F1C. World Cup event. Entry fee: Senior €25 / Junior €10. Contact: Sergey Molchanov - Nikolay Vasilkov, 50 years USSR ave 46-86, 61060 Kharkov, Ukraine, tel: +380 50 68 21 806, fax: +380 57 717 40 21, email: sergey_f1b@mail.ru web: www.f1u.org
May 16-18 Vize - Kirklareli, Turkey	Istanbul Free Flight Cup. F1A, F1B, F1C. World Cup event. Entry fee: €25. Contact: Mehmet Arslan, THK Inonu Egitim Merkezi, Inonu - Eskisehir, Turkey, tel: +90 222 591 21 12, fax: +90 222 591 21 14, email: arslanthk@yahoo.com web: http://turkey-ff.org
May 16-18 Pazardzik, Bulgaria	Sofia Cup. F1A, F1B, F1C, F1P. World Cup event. Entry fee: €30. Contact: Borislav Bardarov, Zona B-5, Block 7 A, Sofia, Bulgaria, tel: +35 988 87 03 306, fax: +35 9618 60 772, email: f1a@abv.bg web: www.f1abc.com
May 24-25 Turda, Romania	2 F1E World Cup events. 24th: Turda Cup, 25th Memorial Popa Cringu. event. Entry fee: Senior €30 / Junior €20 per event. Contact: Cringu Popa, Romanian Modelling Federation, OP 6, CP 56 Bucuresti, Romania, tel: +40 31 805 74 71, fax: +40 31 80 57 471, email: cringupopa@gmail.com web: www.frmd.ro
May 24-25 Aradac - Zrenjanin, Serbia	31st Srem Cup. F1A, F1B, F1C, F1P, F1Q. World Cup event. Entry fee: Senior €30 / Junior €20. Contact: Martin Grubic, Kralja Petra I 27, 22330 Nova Pazova, Serbia, tel: +38 16 38 65 71 82, fax: +38 1222 32 12 40, email: martin.grubic@yahoo.com web: www.aknovapazova.com
June 16-19 Uralsk, Kazakhstan	Kazakhstan Cup. F1A, F1B, F1C, F1P, F1G, F1H. World Cup event. Entry fee: Senior €25 / Junior €15. Contact: Potichenko Vitaly, Masina st 22, Uralsk, Kazakhstan, tel: +7 705 821 26 29, email: vpotichenko@mail.ru
June 20-24 Samara, Russia	Mihail Knyazev Memorial. F1A, F1B, F1C, F1P, F1G, F1H. World Cup event. Entry fee: Senior €25 / Junior €15. Contact: Dzhamel Bekeyev, Airport Smishlayevka 4-12, 443046 Samara, Russia, tel: +7 927 7022071, fax: +7 846 299 2874, email: bekeeva54@mail.ru aviasergei@mail.ru web: www.aviasamara.ru/
June 21-22 Monti Lessini, Italy	2 F1E World Cup events. 21st: 9th Coppa Primavera, 22nd: 4th Volare Lessini. Contact: M. Tomazzoni, Via Legnano.3, 10128 Torino, Italy, tel: +39 335 5650970, email: mautom60@gmail.com web: www.asdvoli.it
June 26 Rinkaby, Sweden	Swedish Cup. F1A, F1B, F1C, F1P, F1Q. World Cup event. Entry fee: Senior €35 / Junior €15. Contact: Per Findahl, Bergvägen 8, 73833 Norberg, Sweden, tel: +46 223 22 957, email: per.findahl@gmail.com web: http://norbergsfk.se/swedishcup
June 27-30 Rinkaby, Sweden	Danish Cup. F1A, F1B, F1C, F1P, F1Q. World Cup event. Entry fee: €30. Contact: Steffen Hjorth Jensen, Bognaesvej 14, 4000 Roskilde, Denmark, tel: +45 6035 3568 or +45 4635 8531, email: steffen.hjorth.jensen@gmail.com web: www.norbergsfk.se/swedishcup

June 28 Rinkaby, Sweden	Small Swedish Cup. F1G. Entry fee: €10 / Junior €5. Contact: Per Findahl, Bergvägen 8, 73833 Norberg, Sweden, tel: +46 223 22 957, email: per.findahl@gmail.com web: http://norbergsfk.se/swedishcup
June 29-30 Rinkaby, Sweden	Norwegian Cup. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: Senior €35 / Junior €15. Contact: Atle Klungrehaug, Jonsokveien 22, 1182 Oslo, Norway, tel: +47 22 68 02 05 / 906 73 487, email: aklark@online.no
July 10-12 Denver, USA	Centennial Cup. F1A, F1B, F1C, F1E, F1P, F1Q. World Cup event. Entry fee: US$25. Contact: Chuck Etherington, 33946 Goldfinch Dr, Elizabeth, CO 80107, USA, tel: +1 720 201 62 18, email: chuck.etherington@jeppesen.com web: www.themmmclub.com
July 11-15 Nalchik, Russia	Elbrus Cup. F1A, F1B, F1C, F1P. World Cup event. Entry fee: Senior €25 / Junior €15. Contact: Naloev Nikolay, Shortanova str 17 a-57, Nalchik, Kabardino - Balkarian resp., Russia, tel: +7 928 084 44 79, fax: +7 866 242 27 34, email: naloev@mail.ru
July 11-12 Chernigiv, Ukraine	34th Antonov Cup. F1A, F1B, F1C, F1P. World Cup event. Entry fee: €25. Contact: Igor Zavgorodniy, Chaadaeva str 3-112, 03146 Kyiv, Ukraine, tel: +380 44 405 68 33 or +380 50 242 07 57, email: zivdbox@bigmir.net web: www.F1U.org
July 11-13 Denver, USA	Tui Cup. F1A, F1A, F1B, F1B, F1C, F1E, F1E, F1P, F1Q. World Cup event. Entry fee: US$25. Contact: Chuck Etherington, 33946 Goldfinch Dr, Elizabeth, CO 80170, USA, tel: +1 720 201 6218, email: chuck.etherington@jeppesen.com web: www.themmmclub.com
July 12-13 Chernigiv, Ukraine	The Commonwealth Cup of Belarus. F1A, F1B, F1C, F1P. World Cup event. Entry fee: €25. Contact: Yaroslav Vasilyev - Igor Zavgorodnii, Gurskogo 44-3-31, Minsk, Belarus, tel: +37 52 96 20 77 09, fax: +37 517 50 52 960, email: zivdbox@bigmir.net web: www.F1U.org
July 12 Mostar, Bosnia and Herzegovina	50th Mostar Kup. F1A, F1B, F1C, F1Q, F1H. World Cup event. Entry fee: €30. Contact: Adin Ramadanovic, S.Radica 78b, 88000 Mostar, Bosnia and Herzegovina, tel: +387 61 324 894, email: zk_mostar@yahoo.com web: www.akmostar.com
July 19 Tottenham, Ontario, Canada	Huron Cup. F1A,F1B,F1C,F1P,F1Q, F1G, F1H. World Cup event. Entry fee: C$20. Contact: Tony Mathews, 2 Tralee Street, Brampton, Ontario, Canada L6Z2X4, tel: +1 705 7545553 tmathews180@gmail.com web: www.torontofreeflight.otg
July 19-24 Ulaanbaatar, Mongolia	Mongolia Cup. F1A, F1B, F1C, F1P, F1G, F1H. World Cup event. Entry fee: €50. Contact: Tumur Sanjaa, PO Box 802, Ulaanbaatar 44, 14250 Mongolia, tel: +976 990 94 147, fax: +976 11 327 349 / 976 500 564 52, e: masa.mongolia@yahoo.com web: www.masa.mn
July 20-29 Ulaanbaatar, Mongolia	Asian Oceanic Championships F1A, F1B, F1C. www.masa.mn
July 28 - Aug 3 Salonta, Romania	Junior World Championships F1A, F1B, F1P. web: www.frmd.ro
August 1-3 Beauvoir-sur-Niort, France	Azay Le Brule Inter. F1A, F1B, F1C, F1G, F1H, F1J, F1K, F1P. Entry fee: €12. Contact: André Trachez, 11, rte de la Braderie, 79370 Aigonnay, France, tel: +33 6 08 57 35 50, email: andre.trachez@laposte.net
August 2-3 Ankara, Turkey	Anatolian Free Flight Cup. F1A, F1B, F1C, F1H. World Cup event. Entry fee: €30. Contact: Osman Sevgi - Necdet Ergin, Altan Günalp Sitesi no 10/7, Cayyolu / Ankara, Turkey, tel: +90 532 417 11 04 / +90 533 812 94 71, fax: +90 312 266 41 50, email: osman.sevgi@gmail.com or: nergin@meteksan.com.tr web: www.ymhk.org
August 7 St Jean de Sauves, France	Poitou Moncontour 2mm. F1G. Entry fee: €20. Contact: Gérard Marquois, 16, rue Maxime Ridouard, 86330 Moncontour, France, tel: +33 5 49 22 68 91, email: gerard.marquois@sfr.fr web: www.vol-libre-moncontourois.fr
August 8 Salonta, Romania	Harghita Cup. F1A, F1B, F1C, F1P, F1Q, F1H. World Cup event. Entry fee: Senior €30 / Junior €20. Contact: Kiss Istvan, Jud. Harghita, Str Berde Mozes nr 24, 535400 Cristuru Secuiesc, Romania, tel: +40 745 161 435, fax: +40 266 242 164, email: ktamara@netter.ro
August 8-9 Noizé, France	Poitou. F1A, F1B, F1C. World Cup event. Entry fee: €35. Contact: Yves Bellet, 43, Ernest Perochon, 79100 Thouars, France, tel: +33 5 49 66 56 99, email: bellet.y@orange.fr web: www.poitou-aero.com
August 9 Salonta, Romania	Salonta Cup. F1A, F1B, F1C, F1H. World Cup event. Entry fee: Senior €30 / Junior €20. Contact: Sandor Vincze, Str Eminescu nr 35, 415500 Salonta, Romania, tel: +40 72 47 17 992, email: vinczesg@gmail.com web: www.cupaasalonta.freeweb.ro
August 11-17 Salonta, Romania	European Championships F1A, F1B, F1C. www.frmd.ro
August 23 Bosanski Petrovac, Bosnia and Herzegovina	Memorijal Izet Kurtalic. F1A, F1B, F1C, F1H. World Cup event. Entry fee: €30. Contact: Mario Kokorus, Gornje Rosulje 3, 71300 Visoko, Bosnia and Herzegovina, tel: +387 61 783 649, fax: +387 32 738 209, email: info@aeroklub-izet-kurtalic.ba web: www.aeroklub-izet-kurtalic.ba
August 24 Martin, Slovakia	Martin Cup. F1E World Cup event. Entry fee: Senior €30 / Junior €20 / Team €10. Contact: Kostan Jaroslav, Zaturcianska 47, 03601 Martin, Slovakia, tel: +421 907 217 539, email: jaro@kostanmodel.sk web: www.rcmklub.sk
August 24-30 Martin, Slovakia	European Championship F1E Junior and Senior. web: www.rcmklub.sk

August 29 Martin, Slovakia	Nosko Memorial. F1E World Cup event. Entry fee: Senior €30 / Junior €20 / Team €10. Contact: Kostan Jaroslav, Zaturcianska 47, 03601 Martin, Slovakia, tel: +421 907 217 539, email: jaro@kostanmodel.sk web: www.rcmklub.sk
August 31 Raçibórz, Poland	Governor's Cup. F1E. World Cup event. Entry fee: Senior €30 / Junior €15. Contact: Marek Lysakowski, ul. Opawska 49 m 4, 47-400 Raciborz, Poland, tel: +48 793 742 244, email: mlysakowski@poczta.onet.pl
September 4-7 Zülpich, Germany	45th Internationaler Eifelpokal 2014. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: €35. Contact: Bernd Hönig, Distelfinkstr 7, 59192 Bergkamen, Germany, tel: +49 230 76 29 57, email: info@eifelpokal.de or bernd-hoeing@freenet.de web: www.eifelpokal.de
September 5-6 Feodosia, Ukraine	Free Flight Holiday of Mongolia. F1A, F1B, F1C. World Cup event. Entry fee: €30. Contact: Artem Babenko - Tumur S, Komarova lane 1B, Beregove, 98179 Feodosia, Ukraine, tel: +380 676 382 535 / 976 990 94 147, email: artemclub@gmail.com or nmasa.mongolia@yahoo.com web: www.F1U.org
September 6 Kietrz, Poland	Kietrz Cup. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: Senior €30 / Junior €15. Contact: Piotr Szymanski, Ul. Kosciuszki 2a/3, 47-400 Racibórz, Poland, tel: +48 508 281 341, email: modelpiotrek@poczta.onet.pl
September 7 Raçibórz, Poland	Raciborz Cup. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: Senior €30 / Junior €15. Contact: Marek Lysakowski, ul. Opawska 49 m 4, 47-400 Raciborz, Poland, tel: +48 793 742 244, email: mlysakowski@poczta.onet.pl
September 10-11 Berehove near Feodosia, Ukraine	Free Flight Holiday of Latvia. F1A, F1B, F1C. World Cup event. Entry fee: €25. Contact: Liudmila Stamova, Simirenko str 34 - 127, 03134 Kyiv, Ukraine, tel: +380 500 222 553, email: stamov@hotmail.com web: www.F1U.org
September 12-15 Samara, Russia	Almaty Cup. F1A, F1B, F1C, F1P, F1G, F1H. World Cup event. Entry fee: Senior €25 / Junior €15. Contact: Dzhamel Bekeyev, Airport Smishlayevka 4-12, Samara 443046, Russia, tel: +7 927 702 2071, fax: +7 846 299 28 74, email: bekeeva54@mail.ru web: www.aviasamara.ru
September 12-13 Berehove near Feodosia, Ukraine	Victor Stamov Cup. F1A, F1B, F1C. World Cup event. Entry fee: €25. Contact: Liudmila Stamova, Simirenko str 34-127, 03134 Kyiv, Ukraine, tel: +380 44 402 79 32 / +380 96 441 36 03 / +380 50 022 25 53, email: stamov@hotmail.com web: www.F1U.org
September 12-14 Levski, Bulgaria	Bulgaria cup. F1A, F1A, F1B, F1B, F1C, F1P. World Cup event. Entry fee: €30. Contact: Valentin Savov, Bratia Benderevi str 5, 5100 Gorna Oriahovitsa, Bulgaria, tel: +35 98 884 089 40, fax: +35 961 860 772, email: valio@dir.bg web: www.f1abc.com
September 13 Tourtenay, France	10th Poitou Charentes. F1E World Cup event. Entry fee: Junior €5 / Senior €20. Contact: André Trachez, 11 rte de la Balderie, 79370 Aigonnay, France, tel: +33 6 08 57 35 50, email: andre.trachez@laposte.net
September 14 St Jean de Sauves, France	Poitou Moncontour F1E World Cup event. Entry fee: €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 web: www.vol-libre-moncontourois.fr
September 20 Toszek, Poland	Toszek Cup. F1E. World Cup event. Entry fee: Senior €30 / Junior €15. Contact: Stanislaw Kubit, ul. Rybnicka 84, 44-100 Gliwice, Poland, tel: +48 601 420 383, fax: +48 32 232 18 22, email: qbit@digi.pl
September 20 Zabokreky nad Nitrou, Slovakia	Hogo Cup. F1A, F1B, F1C. World Cup event. Entry fee: €30. Contact: Ivan Bezak, Zelezniciarska 249, 958 052 Zabokreky nad Nitrou, Slovakia, tel: +421 907 480 222, fax: +421 385 421 360, email: ivanbezak@hotmail.com web: www.hogocup.sk
September 21 Gliwice, Poland	Friendship Cup. F1E World Cup event. Entry fee: €30. Contact: Jan Wojtak - Sergey Samokish, Starommieskd 65D, 44-109 Gliwice, Poland, tel: +48 32 300 40 74, email: jan.wojtak@interia.pl or samokish-sergey@mail.ru
September 27-28 Andover, United Kingdom	Equinox Cup. F1A, F1B, F1C, F1P, F1Q. World Cup event. Entry fee: £10. Contact: M J Woodhouse, 12 Marston Lane, Eaton, Norwich, Norfolk, NR4 6LZ, United Kingdom, tel: +44 1603 457 754, fax: +44 1603 457 754, email: mike@freeflightsupplies.co.uk web: www.freeflightuk.org
September 27 Prilep, Former Yugoslav Rep. of Macedonia	Prilep cup - trophy of Prilep. F1A, F1B, F1C, F1P, F1Q, F1H. World Cup event. Entry fee: Senior €25 / Junior €15. Contact: Zdravko Todoroski, Kej 4th July 1/5, Prilep, Former Yugoslav Rep. of Macedonia, tel: +389 75 444 157 / 72 247 606, fax: +389 48 411 770, email: zdravkot@t-home.mk web: www.prilepcup.info
September 27 Salonta, Romania	Arva Janos Memorial Contest. F1A, F1B, F1C, F1Q. Entry fee: €20. Contact: Jozsef Guti, Arany J u 47, 5700 Gyula, Hungary, tel: +36 20 363 55 73, email: gutijozsef74@gmail.com web: http://dobosistvanmk.lapunk.hu

September 28 Prilep, Former Yugoslav Rep. of Macedonia	World Cup Macedonia. F1A, F1B, F1C, F1P, F1Q, F1H. World Cup event. Entry fee: Senior €25 / Junior €15. Contact: Zdravko Todoroski, Kej 4th July 1/5, Prilep, Former Yugoslav Rep. of Macedonia, tel: +389 75 444 157 / 72 247 606, fax: +389 48 411 770, email: zdravkot@t-home.mk web: www.prilepcup.info
October 4-5 Vsechov, Czech Rep.	30th Jihocesky Pohar. F1A, F1B, F1C. World Cup event. Entry fee: Senior €40 / Junior €20. Contact: Jan Cihak, Hajkova 295, 201 11 Plana n/L, Czech Rep., tel: +420 604 678 740, fax: +420 381 292 017, email: jan.cihak@seznam.cz web: www.mksu.cesko.net
October 11-12 Capannori (Lucca, Italy	8th Trofeo Cittta di Capannori. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: . Contact: F. Ceccarini, via Legnano 3, 10128 Torino, Italy, tel: +39 347 430 88 40, email: f_ceccarini@tin.it web: www.asdvoli.it
October 11-12 Lost Hills, California, USA	Canada Cup. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: CAN$30. Contact: Leslie Farkas, 21 Misty Moor Drive, Richmond Hill, Ontario L4C 6P9, Canada, tel: 905 886 69 59, fax: 905 886 3025, email: aljolie@sympatico.ca web: www.torontofreeflight.org
October 12-14 Lost Hills, California, USA	Sierra Cup. F1A, F1B, F1C, F1P, F1Q. World Cup event. Entry fee: US $45. Contact: Mike McKeever, 4252 Mockingbird st, Fair Oaks, California 95628, USA, tel: +1 916 967 8475, email: vamckeever@aol.com
October 18 Zagreb, Croatia	CRO Cup Siscia. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: €30 / additional €15. Contact: Zoran Zechner, S. i A. Radica 3, 44000 Sisak, Croatia, tel: +385 95 914 7675, fax: +385 44 523 179, email: zoran.zechner@sk.t-com.hr web: www.aeromodelarstvo.hr
October 18 Aradac - Zrenjanin, Serbia	47th Memorial "Djordje Zigic". F1A, F1B, F1C. World Cup event. Entry fee: €30. Contact: Nikola Borovac, Cara Dusana 57, 11000 Belgrade, Serbia, tel: +381 632 70 639, email: nborovac@eunet.rs
October 19 Zagreb, Yugoslavia	CRO Cup Zapresic. F1A, F1B, F1C, F1Q. World Cup event. Entry fee: €30. Contact: Igor Bombek, Matije Gupca 4, 10290 Zapresic, Croatia, tel: +385 915 15 11 50, email: bombek.igor@gmail.com web: www.aeromodelarstvo.net
October 25-26 Tapolca, Hungary	Herend Cup. F1A, F1B, F1C, F1H, F1P, F1Q. Entry fee: €30. Contact: Ferenc Kerner, Táncsics u. 67, 8440 Herend, Hungary, tel: +36 20 581 53 49, email: ferenc.kerner@herend.com web: www.herendimodellezose.hu
October 25-26 Arzay - Bossieu, France	Vol Libre Rhône Alpes - 10th Philippe Lepage. F1A, F1B, F1C, F1Q, F1G, F1H. World Cup event. Entry fee: ABCQ €30, G,H Junior €15. Contact: Jean-Pierre Challine, 13, ch des chêneaux, 91220 Bretigny / Orge, France, tel: +33 1 69 88 89 12, email: mjp.challine@sfr.fr
November 22 Belisce, Croatia	Indoor Open Belisce. F1N. Entry fee: €8. Contact: Antun Sikic, Krizanicev trg 1, 31000 Osijek, Croatia, tel: +385 31 208 262, fax: +385 31 208 262, email: asikic@gmail.com web: www.ak-osijek.hr
November 25 Berehove near Feodosia, Ukraine	Cup of Moldovia. F1A, F1B, F1C. World Cup event. Entry fee: €25. Contact: Artem Babenko, Komarova lane 1B, Beregove, 98179 Feodosia, Ukraine, tel: +373 691 50 921 or +380 676 382 535, email: artemclub@gmail.com web www.F1U.org
November 26 Berehove near Feodosia, Ukraine	Golden Autumn Cup of Moldovia. F1A, F1B, F1C. World Cup event. Entry fee: €25. Contact: Artem Babenko, Komarova lane 1B, Beregove, 98179 Feodosia, Ukraine, tel: +373 691 50 921 or +380 676 382 535, email: artemclub@gmail.com web: www.F1U.org
December 19-20 Orim, Israel	Hanukkah Open. F1A, F1B, F1C. World Cup event. Entry fee: €20. Contact: Aviad Levy, Aero Club of Israel, POB 26261, 61263 Tel-Aviv, Israel, tel: +972 3 517 50 38, fax: +972 3 517 72 80, email: office@aeroclub.org.il web: www.aeroclub.org.il

FREE FLIGHT FORUM

Report by Ian Kaynes and Michael Warren.

This year the Forum was held on December 1st at Hinkley Island, on the day following the BMFA AGM and dinner.

There was an encouraging start when the chairman, Mike Evatt, announced that questions would be taken only at the end of each presentation and there would be no passing things round during talks. These were among the suggestions which we have made repeatedly in FFn. Another welcome feature was a list giving order and summaries of the papers, now we just need to add a timetable to this list and to adhere to it.

First on was **Gavin Manion** on Simple Coupes. He said he had originally flown gliders and when he came back to FF the glider technology had changed so much he chose instead to start in Coupe. He started from Sean O'Connor's model, which had no moveable surfaces but wing shifted right of centre and right tip wash-in. Next he was persuaded to try VIT but did not like the increased weight and pattern, so went to a PGI style model following Jonathan Walker's 1980s layout and with a rear fin and low aspect ratio tailplane. Gavin likes Super Sport rubber, lubricates with silicone lubricant from Wickes, and a torque meter is essential. His Montreal stop style hub is based on Bryan Spooner's design. In question time John O'Donnell said that VIT aided trimming a model quickly, to which Gavin said that his models did not take too much time to trim with initial settings based on previous models.

The second speaker was **Ivan Taylor**, with some thoughts on the UK's BMFA Rubber class models which, as he put it, are '*not just over-powered Wakefields*'. (There are no limitations on models design for this class, but a 50grm maximum rubber weight). He likes the models not only because rubber is his specialisation overall, but because there are not enough Wakefield contests in the UK to fill the year. In particular he is not keen on the area events, especially F1B events with no FAI system and the unlimited flyoff, and the weather for the Stonehenge and Equinox Cups often is not good for flying on the Salisbury site.

Ivan's BMFA Rubber models are not dissimilar to his Wakefields but somewhat larger with, amongst other things, a bit more span, and a bigger fin slightly further forward. Like all his models they fly right/left with Mike Thomas's *Predator* being an early and long-term influence. The motor is 30 ins long and the rear boom 17 ins. The weight of the hub and blades is 27 grms but this is the heavy first model he's built. The equivalent on an earlier model is 20.1 grms. The current models have 1/32 in. balsa D-boxes, the brown paper alternative (see last year's Forum report, December 2012 FFn) having proved too heavy. Schwartzbach blades are preferred to the Andruikov alternatives simply because they seem more efficient with fixed-pitch props. Ivan also acknowledged that he needs to do more work on his rubber in future than he's tended to in the past. He has had a test system for rubber in place since before the Champs and, although an unusual way of testing – information of course will be in the full Forum report published next year – it seems to be giving a very good indication of quality, proved in flight.

There is, as Ivan also acknowledged, a great deal of further thought and development to come on both his BMFA and Wakefield class models. This includes work on a flapper for F1B. Current plans limit the wing section change to the main centre sections rather than the wings as a whole. This isn't seen as ideal by everyone but is defended by Ivan on the grounds that the thickness and camber of the tip sections are so limited that changes to them will have only minimal, if any, significant impact.

'What's all the flap about?' was the title **Alan Jack** gave to his talk on the development of flaps on F1C models. In his very professional presentation he described his 15 flapped models and the design features and developments. Torsion is one basic problem – instead of a wing with aspect ratio 19 you have a wing and a flap each with aspect ratio 38. Moulded torsion spars and stressed skin structures were described. Hinges and slot sealing were also important. The actuation and locating pins and levers or slotted systems were described. For operation Alan explained that having the front part pivot about the wing joiner and a location pin on the flap was better than fixing the front part and just operating the flap.

Next, **Chris Redrup** summarised his recent experience with P30s. One of the first influences on him was Bob White's Mini Twin Fin, though from the start he felt that two fins were an unnecessary complication and decided to opt for the more conventional single fin approach. Taking ideas from a range of designs he developed a first model that proved successful, including a win at the Nationals, though it was later lost from Beaulieu, almost certainly by being stolen.

So a relative newcomer had a pleasing start with the class though the model, he knew, was rather too heavy. A second model was made and Chris had a second Nats win, though he is still aiming for getting nearer the minimum weight. He now winds the motor outside the model for the obvious reason that there is much less stress involved.

Why have the models been successful? Firstly, Chris suggested, because they have low aspect ratio wings and a fast initial climb. They also have a relatively long motor run so less glide is needed, and a glide that is nevertheless good. And, importantly, they have consistent performance. For the future, amongst other things, a moving-wing DT is needed since models like these are reluctant to DT from significant thermals. And, of course, there must be a way to cut those last three grams of excess weight!

After lunch, in an unusual talk, **Simon Firth** summarised his experiences following what he described as a life-changing event which had made things very difficult for him. He'd been interested in free flight for a while before this and after the problem had emerged and had its impact, Mike Woodhouse and Spenser Willis would occasionally phone him, chat, gossip and encourage him to think about becoming more active… '*and they helped enormously for which I'll always be grateful'.*

Simon started going to contests: sometimes the weather was terrible but the flyers kept going and that in itself was a lesson to be learned. He asked questions and people helped, even replying to the silliest ones. He now flies a number of rubber classes and, increasingly, electric. One of those days he hopes to compete abroad and is working towards being a more successful flyer.

During this period he had also become aware of the background to competing and things that need to be considered. For example, Simon thought he had decent binoculars but comparing his equipment with others' he realised he didn't and had to replace them. Similarly, suitable clothing is needed for the range of weather we have, and what's the best type of food – and liquid – to sustain us through the day? We occasionally get injured or fall ill – do we have suitable equipment to deal with such problems and can people find us if we're downwind?

Model flyers – that's all of us – are, he suggested, an unusual bunch of people, mad as a box of frogs, but wonderful!

There can't be many people in the UK, and not that many anywhere, who have devoted so much time and effort to a single class in a few years as **John Carter** has recently to F1A. He outlined his aims and techniques in a detailed paper starting with his goal which is, simply, winning. John acknowledged that this might seem an extreme approach but *'for me it isn't'.* A few of his other thoughts…

He currently has 20+ models of various types and sizes, some bought ready to fly, some kits and some where the construction was sub-contracted but to his design specifications. He doesn't believe in still air performance data – there are too many variables and unknowns – but he does believe in what can be expected from a given model in given conditions: what is the typical late evening flight in winter, or a pre-sunrise flight on a summer morning, and are they being achieved?

The jury, John thinks, is still out on LDA-equipped gliders. Overall they are more difficult to fly, relatively easy in gentle conditions but far trickier in more typical thermally weather. On the other hand he has had many 7-minute+ flights which none of his other models would do in the conditions. And on an associated point John thinks that flapper F1As may now be going out of fashion, being more awkward to fly and which cannot bunt as high as the alternatives.

He sets up his models in the workshop and does no hand-glide tests (they're too near the ground and we can't get them at the right speed), going straight to flights and bunts. John treats practice flights as contest flights and will fly when it's windy and/or turbulent, indeed will practice in any wind speed up to the FAI limit. And will record details of all the flights.

Finally he discussed the contests – being fully prepared, the flyer and the models, in advance of the start, and noting what other competitors are doing, and why. Also, get used to towing your gliders in a crowd, which can be difficult and has a competitive element all of its own. And, as we know John does, glider flyers should keep fit…

Alan Jack returned with a plea for simplicity in the FAI classes. The aim of a contest should be to reward the flyer and not be unduly influenced by the manufacturer of the model. Models should be hard to fly, trim and operate. The manufacturers, which are an inherent part of the activity, need the financial stability of continued sales and are not in an expanding market and so follow the route of obsolescence due

to technical advances. Is this technology good for the buying flyer? It results in more complex equipment, longer flights needing bigger fields, unsatisfactory contests from flights out of sight, etc. If we all have geared engines, VP props and folding flappers are we better off?

Alan proposed that the solution is to ban any change of surface except for DT and folding props on F1B. This would remove VIT, autorudder, VP props, folders and flappers, and it would also be desirable to remove gears. DT is a single switch action so reduces the possibility of covert radio control. The opposition will say that all models will be made obsolete so many people will give up (but vendors already try to force obsolescence on existing models), it will stifle development, inventors loose benefit (reward should go to the flyer not the inventor), models will be pathetic. In F1A there would be circle tow, LDA harder, models close to current practice. F1B current models would be harder to fly, timers need only DT so cheaper and simpler, it requires real skill to get a good pattern. F1C could be hardest to swallow – a Dixielander style model would be required, and performance would be more manageable than the current 10 or 11 minutes. Alan closed by saying that simple steps towards these changes would be to ban variable pitch props and geared motors in F1C, or give longer runs for fixed or simpler models

Ian Kaynes described his use of the GPS tracking system sold by Frederic Aberlenc. The big advantage of this system compared to radio tracking is that it tells you exactly where the model is located and this is stored for use even when the transmitter battery has run down. The disadvantage for most models is that the airborne unit weighs 34g including an integral battery. Frederic is promising a lighter unit next year, smaller and weighing just 4g but needing an external battery.

Finally, **Mike Woodhouse** described the work of the BMFA FF Technical Committee. The competition calendar and rules have been adjusted slightly within a generally popular established form. The training and excellence budget has provided a number of functions to further free flight, such as the meetings at Husbands Bosworth. This year there were two members continuing from election last year and three existing members were re-elected unopposed this year for a further two years. There is space for one co-option for this year, Mike considered it important to share the organisation across the community and would welcome new participants.

EUROFLY, MÜHLENTHURNEN, Switzerland, October 26-27

F1A and F1Q were terminated after round 4 because of strong winds. Although it did not affect the World Cup results the F1Q flyers held a flyoff later, but F1A was left with a multiple tie.

F1A 56 flew

1	E Godet (J)	FRA	750
1	F Hofmann	GER	750
1	C Thom	GER	750
1	R Schuster	SUI	750
1	M Kosonoshkin	RUS	750
1	V Papez (J)	CZE	750
1	D Trumpf	SUI	750
1	P Findahl	SWE	750
1	C Kargin	TUR	750
1	D Jama	CAN	750
1	S Makarov	RUS	750
12	I Kreetz	NED	746
13	B Bernard	FRA	737
14	D Seren	GER	736
15	C Bachmann	SUI	735
16	F Moreau	FRA	733
17	E Ragot	FRA	730
17	N Shitrit	ISR	730

F1A-Junior 7 flew

1	E Godet	FRA	750
1	V Papez	CZE	750
3	P Meglaj	CRO	674

F1B 85 flew 34 full scores

1	M Kusterle	ITA	1080	+420	+439
2	G Hagay	ISR	1080	+420	+402
3	V Rosonoks	LAT	1080	+420	+396
4	S Stepanchuck	UKR	1080	+420	+393
5	A Burdorv	RUS	1080	+420	+364
6	A Kulakovskyy	UKR	1080	+420	+357
7	A Gey	GER	1080	+420	+336
8	O Shabat	ISR	1080	+420	+330
9	B Marquois	FRA	1080	+420	+304
10	H Meusburger	AUT	1080	+420	+290
11	B Silz	GER	1080	+411	
12	E Kraus	ISR	1080	+392	
13	R Seifert	GER	1080	+389	
14	I Yurtseven	TUR	1080	+380	
15	J Laty (J)	FRA	1080	+352	
16	E Gorban	UKR	1080	+346	
17	N Milan	CZE	1080	+338	
18	J Isatalo	FIN	1080	+330	
19	A Andruikov	USA	1080	+327	
20	Y Beletskiy	RUS	1080	+322	

F1B-Junior 6 flew

1	J Laty	FRA	1080	+352
2	M Meissnest	GER	1075	
3	M Morandini	FRA	1068	

F1C 23 flew 15 full scores

1	C Wachtler	GER	1080	+420	+540
2	V Aleksandrov	UKR	1080	+420	+463
3	R Truppe	AUT	1080	+420	+436
4	P Marrot	FRA	1080	+413	
5	A Babenko	UKR	1080	+405	
6	D Stakhanov	UKR	1080	+394	
7	S Seydel	GER	1080	+374	
8	P De Boer	FRA	1080	+370	
9	M Nogga	GER	1080	+365	

F1Q 9 flew

1	H Salminen	FIN	780	+270
2	R Assmuss	GER	780	+144
3	D Sauter	GER	748	
4	M Richter (J)	GER	728	

BMFA TEAM SELECTION

		meeting 1	meeting 2	total	flyoff
F1A 11 flew		Aug 31-Sep1	Sep 21-22		
1	J Carter	1290	1080	2370	
2	B Baines	1196	1080	2276	
3	P Williams	1115	1080	2195	
4	R Jack	1091	1042	2133	
5	J Williams	1053	1021	2074	
6	K Best	977	438	1415	
7	M Dilly	713	605	1318	
8	S Darmon	698	507	1205	
F1B 6 flew					
1	M Woolner	1269	1080	2349	
2	P Martin	1243	1019	2262	367
3	R Peers	1182	1080	2262	249
4	M Woodhouse	1158	984	2142	
5	P Brown	1221	0	1221	
6	I Taylor	1174	0	1174	
F1C 5 flew					
1	A Jack	1320	1080	2400	104
2	K Faux	1320	1080	2400	92
3	N Allen	1249	1080	2329	
4	M Lester	1065	900	1965	
5	J Cuthbert	121	0	121	

BMFA 8TH AREA MEETING, OCTOBER 6

Correction to F1G results in FFn last month.

F1G 10 flew

1	A Brocklehurst	Bristol & West	9.58
2	G Ferer	Timperley	9.54
3	M Richardson	East Grinstead	9.39
4	M Stagg	Bristol & West	9.24
5	D Thompson	Croydon	9.17
6	G Stringer	East Grinstead	9.04
7	J White	Croydon	5.43

MIDLAND GALA, NORTH LUFFENHAM, OCTOBER 20

Wind 10 to 15 mph plus gusts and turbulence

Mini Vintage 7 flew

1	J Foster	Morley	6.00	5.40
2	F Rushby	CLEEMAC	6.00	3.20
3	D Taylor	Grantham	6.00	2.49
4	P Ball	Grantham	6.00	

F1J/1/2A 6 flew

1	M Lester	Birmingham	9.59
2	S Dixon	Birmingham	9.23
3	P Watson	Birmingham	8.00
4	T Payne	Biggles	7.16

HLG/CAT 6 flew

1	P Ball	Grantham	5.58
2	M Page	Peterborough	5.39
3	P Cowley	Grantham	5.26
4	S Brewer	Biggles	3.22

F1H 6 flew

1	D Cox	Crookham	8.32
2	B Lavis	Biggles	7.57
3	R Heap	Biggles	7.07
4	J Cooper	Biggles	6.56

SLOP 4 flew

1	S Barnes	Morley	7.30
2	D Cox	Crookham	7.22
3	C Foster	Morley	3.36

E30 4 flew, 2 full scores

1	P Tolhurst	Crookham	6.00	2.07
2	R Brigginshaw	Peterborough	6.00	1.52

P30 4 flew

1	C Redrup	Crookham	5.41
2	S Willis	Croydon	4.46

F1G 1 flew

1	S Willis	Croydon	6.07

JACK ALLEN

News that was unfortunately missed from FFn in the summer:

It is with deep regret I report the passing of Jack. He joined the Royal Navy in 1941, transferred to the Fleet Air Ann and spent most of the war years in Ceylon servicing Swordfish and Corsair before returning home safely Petty Officer AlIen.

A well known modeller for many years flying with Brighton and Chichester clubs before joining Crookham Contest Modellers, he travelled to world events as a supporter and helper. He sadly just missed out at the trials having tried a number of times for a place in the team. He flew a number of times in French Internationals travelling in his VW camper. He flew F1B but mainly F1C with a strange left handed flicking motion (that's before we had starters). He stopped competition flying on a high, winning Crookham combined power contest flying a Dixielander with an OS Max 15 at the age of 82.

His wife Kath flew many times in the Ladies cup with great success and was always with Jack on the flying field. Our thoughts are with Kath and family.

F1H EURO CHALLENGE

By Gary Madelin.

This short report must start by thanking those keen flyers in Germany, Hungary and Slovenia who had the vision to promote this fascinating F1H free flight glider class across Europe, and follows the example set by the Euro F1G League.

2013 is the third year that this league has run. From beginning in 2011 with 14 participating events in nine countries, to this year's 30 contests that were successfully hosted across 14 European nations. A total of 186 competitors had a go at one or more of these, the keen and competitive amongst us attending upwards of six events.

The 2013 Rules were revised following experiences from the two previous years, and there is a big emphasis on the juniors and also for those who fly the "Easy" class, that is to say "no bunters". This year saw 146 entrants flying the "E" class, including the majority of the 73 juniors, with the notable exception of Luka Biteznik from Slovenia, who flew a beautiful carbon bunt model to a well deserved 5th place in the overall ranking.

Each European country is invited to nominate up to three of their domestic events, and whilst some hosted only one, many, including us here in the UK hosted three. The series started in the cold late winter months on the ice in Norway and Finland, and culminated in a "tandem" finale event, for F1H in Berne at Eurofly and for the F1H-E class and the juniors in Slovenia. Weather for these last events were simply wonderful, and whilst some events during the year met with mixed weather, the majority were good.

Space does not permit the full scores, but the top six in each of the three classes' follows. Full overall results, plus those for each of the 30 events can be found on the web site at www.creasus.com/ikarus . There are also full statistics, detailed Rules and comment, a breakdown of entries per country, and trends from previous years.

From a GBR perspective it was good to see Peter Tribe and Brian Lavis both in the overall top 20 ranking at 17th and 19th respectively, whilst Chris Parry at 41st was hampered by the rules which allow scores from only two events in the home country. However, when we turn to the F1H-E class, we see Chris moving up to 9th and Brian 10th due to best three scores irrespective of venue.

Of the Juniors, we had both Sam Heap at 39th and Joseph Gibbs at 53rd, and again the rules for next year will be amended to encourage more junior participation, which in countries like Bosnia, Germany and Slovenia is extensive.

A word about the 2013 Rules. These were changed from "points per placing" to a "percentage score" where a full max-out equals 100%. The rule change gets over the unfair position, should a competitor winning an event with low entries only achieving a few points, whereas a well supported event gave a better chance of gaining more points, even if not winning. Consensus was that the new percentage points scoring worked well and will be retained for 2014. Should a number of competitors score 100% in three events, then further events will be counted until a winner is decided. This year only three made the full 300%, but once again, Thomas Weimar was so far ahead, he could not be beaten!

From my own perspective, I really enjoyed participating in the League, and visited countries and flying sites that I had not been to before. Whilst I had planned to compete in 2012, a broken foot and leg in plaster prevented more than a token effort, but this year made up for it and I am certainly going to

give it plenty of support next year. The first event is already on the calendar hosted by France in the hands of Didier Chevenard and his friends on 8th March, with the F1H Finale set for Tapolca, Hungary on the 25th October.

F1H Final result

			comp 1	comp2	comp3	**Best3**	comp4	comp5	comp6
1	T Weimer	GER	100.0	100.0	100.0	**300.0**	100.0	100.0	100.0
2	G Madelin	GBR	100.0	100.0	100.0	**300.0**	100.0	95.8	95.0
3	A Nuggens	GER	100.0	100.0	100.0	**300.0**	94.5	94.0	20.0
4	E Richter	GER	100.0	100.0	98.8	**298.8**	97.0	92.7	50.3
5	L Biteznik*	SLO	100.0	97.5	97.3	**294.8**	93.0	0.0	0.0
6	P Findahl	SWE	100.0	100.0	94.2	**294.2**	93.8	0.0	0.0

* best junior with bunt

F1H-E Final result

1	B Selmeci	HUN	99.5	98.2	92.3	**290.0**	89.5	80.7	0.0
2	S Horvaith	HUN	100.0	96.7	88.2	**284.8**	0.0	0.0	0.0
3	D Rossler	CZE	100.0	99.0	83.3	**282.3**	0.0	0.0	0.0
4	D Martin	HUN	100.0	88.2	87.0	**275.2**	0.0	0.0	0.0
5	M Remai	HUN	100.0	88.3	80.0	**268.3**	79.2	53.3	0.0
6	F Dombai	HUN	93.0	88.5	84.8	**266.3**	23.3	20.0	0.0

F1H-J Final result

			comp 1	comp2	**Best2**	comp3	comp4	comp5	comp6
1	M Remai	HUN	100.0	88.3	**188.3**	80.0	79.2	53.3	
2	D Martin	HUN	100.0	88.2	**188.2**	87.0			
3	U Terlep	SLO	95.0	93.2	**188.2**				
4	S Jackel	GER	96.8	87.5	**184.3**	48.5			
5	T Klinger	HUN	93.0	88.7	**181.7**	84.5	80.8	75.0	39.6
6	N Stosic	MKD	96.8	83.7	**180.5**	3.7			

Worth noting finally, that an explanation of the rules and differing classes was explained in the interim results and brief report in the July edition of FFn.

F1J EURO CHALLENGE

The opening year of the F1J Euro Challenge was a close run thing, Mick Lester being the outright winner just ahead of Peter Watson in 2nd place and Simon Dixon in 3rd place with 9 flyers scoring points in total. The last scoring event was the UK Midland Gala in October as disappointingly there were no entries at the Swiss Eurofly event 2 weeks afterwards. For 2014 BMFA 1/2a power will not be included as it will be flown to only 3 flights as opposed to 5. As a result of this I expect there will be less entries in F1J and 1/2a events run in their own right effectively devaluing both classes, but lets see. Anyone in Europe who would like their F1J event included should contact Simon Dixon at dixonfamily100@yahoo.co.uk before 15.01.14 - there is no charge to do this. Full results and details can be found on the website http://f1jeurochallenge.jimdo.com/

		Event	1	2	3	4	5	total
1	M Lester	GBR	(7)	10	7	10	10	37
2	P Watson	GBR	9	9	9	8	(8)	35
3	S Dixon	GBR	(8)	8	8	9	9	34
4	B Aslett	GBR	10	7	-	7	(6)	24
5	M Wills	GBR	-	6	-	6	-	12
6	T Payne	GBR	-	4	-	-	7	11
7	T Oxager	DEN	-	-	10	-	-	10
8	F Chilton	GBR	-	5	-	-	-	5
9	D Ginns	GBR	-	-	-	-	5	5

BMFA INDOOR

35cm Challenge Trophy 2013 and 2014.

Thanks to a sterling performance at the Nationals **Clive King** is this year's winner – well done Clive – we'll let you have the trophy just as soon as we've located Ken and retrieved it! In 2nd place was Merv Harris and 3rd John Andrews.

The new Challenge year has started, exactly the same model/competition specification as for this year with one exception – the competition will culminate at the 2014 Nationals. We had some good flights submitted this year, Clive's win was by no means a walk over. So build a model and get some good flights going then come to the Nationals and go for it!!

Committee

The ITC takes the opportunity of the BMFA AGM to kick off the new year and re-elect committee officers. So for 2014 we now have:-

Chairman	Mike Colling
Secretary	Allan Weighell
Treasurer/Rules	Bob Bailey
PRO/Results	Tony Hebb
Safety	Mark Benns
Co-opted member	Dave Whitehouse

Events

February 22	Manchester Velodrome
March/April	World F1D Champs Slanic, Romania. team: Mark Benns, Derek Richards, Tony Hebb.
June 20-22	Indoor Nationals, Boulby
Autumn	F1D Team Trials for 2015 Euro Champs, location TBA.

Gymminnie Cricket Clubman event

In recognition that this little model is flown by more people at a Club entry level than perhaps any other the ITC has decided to run a postal competition. This will be for the current GC specification – 3gm. minimum weight, full motor - unlimited rubber, layout as per the original plan but an own made prop. is permitted. The competition will again culminate at the Nationals 2014. Your best 2 flights over the competition period will count and height adjustment will be the usual formula. I'll need flight times countersigned and ceiling height of your venue.

Important Nationals announcement

In recognition that the 35cm Challenge and Gymminnie Cricket classes are aimed at beginners they will no longer be included in the results for the National Overall Champion (NOC) – however this does not preclude anyone from entering the actual Nationals event.

Indoor Hand Launched Glider worldwide postal event

Mark Benns:- We wish to announce a new worldwide postal event for Indoor hand launched gliders (F1N). The event will run from January 2013 through to June 13 2014 and anyone is invited to participate. Any model can be flown and in any site, indexing will be applied to the submitted times to reflect the category of ceiling.

The winner will be announced at the British Indoor Nationals in June 2014

The rules will be uncomplicated following the FAI F1N rule book.

All of the times, photographs, models and plans received from the entrants will be publicised on the Indoor Technical Committees website at www.indoorduration-gbr.co.uk

Details, applications, score cards, prizes etc. will be announced in the next few weeks, in the meantime if you wish to participate please do contact me mark.benns@ntlworld.com

The late Laurie Barr - Indoor Duration Trophy

Following discussion with Laurie's family the design for this trophy is being finalised, it will be awarded for the longest UK F1R flight of the year, again culminating at the Indoor Nationals.

UK COMPETITION NEWS

OXFORD MFC FREE FLIGHT RALLY will be at Port Meadow, Wolvercote, Oxford on June 7 and 8. 'Champagne flyoffs' for F1G, F1H, and HLG/Catapult will start at 6.30pm on the Saturday. Flying on Sunday starts at 10am with the following events:

Flown to 5 flights in rounds from a line: F1G, F1H, E30/P30/CO2 combined.

Flown with 3 flights from line with no rounds will be: vintage rubber (34" max span), vintage glider (A/2 or 72" max span), classic glider 1951-1960 inclusive, tailless rubber/glider combined, and HLG/Catapult combined which will be flown from a box.

All gliders will use 50m towlines. No thermistors, streamers on poles, bubbles, etc. No i/c power models to be flown. All flyers must be insured. Contact: Andrew Crisp, 4 Grove Street, Oxford OX2 7JT tel 01865 553800

AUSTRALIAN FF FIELD

The New South Wales Free Flight Society are making an offer for a 1000 acre site at West Wyalong. The asking price is AUS $575,000 and MAAA, the Australian national aeromodelling body,agreed to make a loan to cover it – from their reserves that run to well over that amount – and charging a low interest rate.

BMFA FREE FLIGHT CHAMPIONSHIP

Phil Ball has retained his Free Flight Champion from last year. Most of the others in the top ten were consistently well placed last year, their movement from last year is shown beside their name, for example Colin Foster has moved up 5 places from 7th last year to 2nd this year.

		1st Area	2nd Area	Northern G	3rd Area	London G D1	London G D2	Nationals D1	Nationals D2	Nationals D3	F1E	4th Area	East Anglia D1	East Anglia D2	5th A	6th Area	Southern G	7th Area	8thArea	Midland d	Total
1	P Ball	12	9	5	9	7	15	18	3	9		9	12	12	2.5	13	11	3	6	12	167.5
2	C Foster +5	7	12	10	4	6	10	6	6	9		6	13	6	10	4		5		2	116
3	D Cox +6				15	3	3	8		7			11	6	2	14	8	2	3	12	94
4	C Strachan -2		15	3	2	4	5	9	1	3		10	10	2	9	4	2		4	3	86
5	S Willis +7	4	7		9	7		9	4				15		2	12	6		4	4	83
6	C Parry +15			12	3	9	9	9		6					1	9	10	4		3	75
6	C Redrup 0		1			4	2	1	9	1		2		18	6	18	5		2	6	75
8	A Shepherd -3		3		3		3	6	4	9		3		3	3	4	8	9	9		67
9	T Grey -2	2	6	5	1	3	2	4	3	6				1		6	4	6	9	3	61
10	P Watson 0		6			3	3	4	4	6		4					3		9	4	46
11	M Lester +7						1	6	4	9		9					6			9	44
12	F Rushby -9		4	5					6	6		9	1.33	1					3	6	41.33
13	M Quinn		9	6					18	4											37
14	S Brewer			4			9	6	6	1						2	5			3	36
15	T Payne	3		6		2		9				1		2	6		3			3	35
16	C Chapman	1	1				6	4	3	6		2					4		4		31
17	D Davitt	4		2					6			6	3			6		3			30
18	R Heap		4		1	1	5						5		4	5				4	29
18	J Patton		2				1	3								9	10	1	3		29
18	P Tolhurst	3	4			3	7			5							1	2		4	29
21	M Marshall	1	2		0.33			3		9					12						27.33
22	S Barnes		15	6															2	4	27
22	P Woodhouse	4		7	3							3	10								27
24	J Cooper		1			6				4							12			3	26
25	A Brocklehurst		6				3									6	1		9		25
25	P Williams							4	3			6					3		9		25
27	N Allen				2.33			3	3	3						6			7		24.33
27	G Madelin			6			6									3	9				24
29	S Dixon						2		2	4						1.5	4		2	6	21.5
30	A Moorhouse		9		0.33		2			2		3			4						20.33
31	B Aslett				2		4			3							2	6		2	19
31	J Carter		9					1				9									19
31	A Gibbs									9							1	9			19
31	G Hart	3											5	4		6		1			19