TRAINS AND BOATS AND PLANES

High Street, Bognor Regis

Offer a 10% discount to CADMAC Members on all new aero modelling items. A current membership card must be shown.

Contact: Rupert Harper on 01243 864727

SUSSEX MODEL CENTRE

57 - 59 Broadwater Road, Worthing Offer a 5% discount to CADMAC Members on some items. A current membership card must be shown. Tel: 01903 207525 smc@sussex-model-centre.co.uk

FLITEHOOK

We are now official stockists for the

JP

Range of models and equipment

Contact Pauline or John on: Tel: 0238 0861541. Email:pauline@flighthook.freeserve.co.uk

The articles and views expressed by our members, are not necessarily the views of the editor or committee and therefore we reserve the right to modify and or refuse an article if it is considered in the best interest of the club.



Chichester and District Model Aero Club Website - cadmac.co.uk

Committee 2007

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Thorney Rep.	Harry Walton	01243 375156
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Junior wembers Pro	tection Co-ordinator	
	Bruce Smith	01243 531602

MEMBERSHIP CONTACT

Please note that John Fowler will be acting as Treasurer and Membership Secretary during March to June this year. Any membership issues or new applications should be referred to him during this period. John may be contacted on:

01903 814820 or at johnefowl@aol.com

Cover photo:

Going up in the world. CADMAC Safety Officer, Morris Campbell about to fly R/C from the top of an office block in China during the recent Plane Nutz visit. And all done without a hard hat or a safety net!

CADMAC 2007 GALA.

The club will be holding a GALA at Porthole Farm Monday the 28th May (Bank Holiday). Starting at 12.00 noon

There will be a Barbeque and refreshments, with an area for viewing the flying and demonstrations which will include Control line, Helicopters and fixed wing both I/C and Electric.

The Plane Nutz Marquee will display their products and accessories while some will be flown in the demonstration.

Trains, Boats and Planes from Bognor will be in attendance.

There will be a transmitter control so you can fly on the field before or after the demonstrations.

You can also enter the Electric All Up Last Down Comp or the open Balloon Burst Comp.



We hope to see you there on the day



DIARY OF COMING EVENTS

The following is a list of proposed CADMAC Club events for your information. Some dates, particularly visits, may be subject to change.

Legend: Club-nights Outings Competitions Others				
March	10	Climb & Glide	Thorney	12 noon
March	08	Club Auction	Fishbourne	8.00 pm
March	24	Indoor Flying	Seaford Col.	2 - 5pm
April	12	Indoor Flying Comp	Fishbourne	8.00 pm
April	14	Bomb Drop Comp	Thorney	12 noon
April	15	Fosseway Show?	Romsey	
April	22	Ascot Show?		
April	28	Indoor Flying	Seaford Col.	2 - 5pm
May	10	Skittles and Buffet	Fishbourne	8.00 pm
May	12	Open Glider Comp	Thorney	12 noon
May	19	Open Glider Comp	Thorney	12 noon
May	26	Open Glider Comp	Thorney	12 noon
May	28 (Mon)	Club Gala Day	Porthole	12 noon
June	02	Open Glider Comp	Thorney	12 noon
June	14	c/l,f/f.p/f and BBQ	Fishbourne	7.00 pm
June	16	Scale Comp	Thorney	12 noon
June	23/24	Wings and Wheels	North Weald	
July	12	c/l,f/f.p/f and BBQ	Fishbourne	7.00 pm
July	14	Electric Glider	Porthole Farm	12 noon
August	09	c/l,f/f.p/f and BBQ	Fishbourne	7.00 pm
August	11	Scramble/A Test	Thorney	12 noon
August	18	Indoor Flying	Seaford Col.	2 - 5pm
August	25/27	Brit Nat Champs	Barkstone Heath	
Sept	13	Club Auction	Fishbourne	8.00 pm
Sept	15	Slope Comp	Detail on the day	Y
Sept	15/16	Hop Farm Show		
Sept	28/29	Hastings Show		
Oct	11	ТВА		
Oct	13	Loops, Rolls, Spins	Thorney	12 noon
Oct	27	Indoor Flying	Seaford Col.	2 - 5pm
Nov	08	TBA		
Dec	13	Annual General Meet	Fishbourne	8.00 pm

Editorial

This month's edition kicks off on a sad note with a tribute to the late **Ron Smith**, from fellow control line aficionado Dick Stepney.

Thorney Island Access

Please ensure you take you CAD-MAC Membership Card with you when you go to fly on Thorney Island. Defence Estates have been requested to admit only our current card carrying members.

Transmitter Data Sheet

A couple of months ago RCM&E featured a model Log Sheet where details of a plane's build, paint job, equipment, trim etc. etc. could be stored for instant future reference. Following up on this very good idea. Colin Stevens has evolved a Tx Log. Anyone with a computer set with several model memories will appreciate that there are just too many parameters to remember by the time you've finished setting up a model in the memory. Colin's sheet, although designed specifically for the Futaba Field Force 6 has all the hard work done and could easily be adapted for any other make or model. See page 9 or, if you talk very nicely to Mr. Stevens, he'll probably email you the file.

Plane Nutz in China (II)

Pete and Moley have been doing their diplomatic bit, again, to cement Anglo - Cyno relationships (Joke cement - cyno, get it?) and Pete Wills has provided a very interesting insight into the state of the industry over there (pp 12-15) following his second visit, accompanied this time by fellow PN director Morris Campbell.

The company is experiencing a high publicity profile at the moment -Pete's article was originally featured in the SA BMFA Newsletter under Ken Knox's editorship, The Plane Nutz Pitts 40 is fully featured in this month's RCM&E and next month's edition will highlight their Bobcat.

Coll's Col

Regular contributor, Colin Stevens has even more to offer us this month with a book review and a couple of gems from his web surfing exploits. Anyone using the Hitec servos with Karbonite gears would do well check out the various reports of gear failures on the site he details.

Gala Day and Scale Competition

Please make a note of these dates in your diary as we look forward to a couple of cracking events.

NB. There will be general flying as usual on the **Gala Day** for all members and a couple of competitions.

NB. Do not leave it 'till the last moment to inform me that you want to enter the **Scale Comp** as this will

cause problems with the organisation and spoil things for other competitors.

Many thanks





Minutes of the Committee Meeting Tuesday 6th February - from Toni Reynaud - Hon Secretary



Present: Tony Chant, Toni Reynaud, Ray Andrews, Ray Beadle, Bruce Smith, Harry Walton, Keith Wood, Mick Blundell, Ken Knox, Allen Miller.

Apologies: Gavin Bidwell.

Matters arising from previous minutes: Nil

Correspondence: Tony C – Numerous updates to membership cards – all are now as up-to-date as possible. Letter from the Fishbourne Social Club ref their Open Day – would we like to have a stall at the event to publicise the CADMAC activities. Toni R to reply that the Committee have the subject under consideration at this time, details to be worked out later. Email received – new Thorney Island signs in place.

Email from Southampton University requesting the use of a flying field and the services of a pilot to test a UAV which has been built as part of coursework. He has replied in favour, and has received a second email stating that a suitable date will be arranged as soon as possible. Keith W – Goodwood Estate has responded to the issue of whether VAT should be charged for the use of The Trundle site. The arrangement was set up in 1976 and was on the basis that VAT was payable. The Club is granted use of the land but not exclusive use as would be the case with say a tenant farmer. This is therefore categorised as supplying a service and not land and VAT is payable at the standard rate.

Bruce S - a letter from the FPFA containing a questionnaire ref improvements to be made at the Playing Field. The letter and questionnaire are dated 21st April 2006. so we assume that any reply we make would therefore be out of time.

Tony R sent a letter to the Fishbourne Social Club requesting use of the Playing Field for the summer evening fly-ins. No reply received as yet.

Club/Membership issues: Keith W stated that there were 3 applications this month. They were discussed and approved. The committee decided that in future, persons applying to become Club members would be encouraged to come to a Club social evening to find out more about the Club and meet members of the Committee before approval. Membership at the end of 2006 was 146. Members renewing for 2007 so far are approximately 90, with 5 not renewing. Keith also gave a review of the Club financial status.

Social Secretary's Report: Various letters and phone calls have been fielded and actioned as noted above. Dates for outside events have been identified and passed to Ray to avoid clashing with Club competitions. Nothing else of note has happened.

Monthly Meetings/Social Events Programme.

February – further membership collection and talk by Roger Blake.

March – Club Auction. Toni R to advertise via emails to local clubs, and to liaise with the Fishbourne Social Club to ensure the rooms are available for reception of items and to notify them

of the same in September. Keith W to contact Mike Burton.

April – Indoor club house flying. May - Skittles evening and buffet.

June/July/August C/L, Park Fly and Free Flight Flying & BBQ

September - Club Auction. October – TBA

November – TBA December – AGM

Outside events During the course of the year there will be Club Trips by Mini-bus to some of the following - the Fosseway show at Romsey on April 14th or 15th; possibly Ascot 22nd April;

Here is an amazingly comprehensive compendium of light and experimental aircraft pictures and data, ideally suited to the dreamers and scratch-builders amongst us -

http://www.pilotfriend.com/aircraft%20performance/acft_perf.htm

Members with larger models in mind ought to read the following -

http://www.rcuniverse.com/forum/m_2880669/ printable.htm

It relates to failures of the new-fangled Karbonite gears in Hitec servos.



Colín Stevens

SCALE COMP 2007

SATURDAY 16TH JUNE - THORNEY - 12 NOON Just like last year but slicker! 30 minutes practice and trimming time then straight into the comp with each entrant getting at least two flights.

Let me know ASAP if you'll be entering or hoping to, and I'll make sure you get the two mark sheets in good time. If you're not sure of what's expected PLEASE LET ME KNOW and I'll send details/ talk you through it/ arrange a demo.

Bruce 01243 531602 email aerobruce@aol.com

FOR SALE

6 gliders - average price £20 (four of them RTF) 10 servos @ £5 each 4 receivers at £20 each 4 batteries at £4 each 8 crystals at £3 each 4 switch, leads etc for £10

Contact Ron Hemblade on 01243 572819

Coll's Col



"The Air Racer" by Charles A Mendenhall (Specialty Press, ISBN: 0933424019) is a most absorbing book of 4 and 5 view drawings, sketches, details and specifications on more than 245 racing aeroplanes from 1909, right up to modern Reno racers. Fred Minay put me onto this. It cost me £9.86 from Amazon, and I'm delighted with it.

It's one of those books best settled down-to when one has given-up on the evening TV offerings. The views are sure to tug at the balsa-cutting muscles, and maybe stimulate the hormones a little. It stimulates mine - all three of them.

The Amazon link is http://www.amazon.co.uk/Air-Racer-Charles-Mendenhall/dp/0933424019

A typical page is shown at http://oldbeacon.com/plans/ r e s o u r c e 4 / i m a g e s / percival_mew_gull_3vie w.jpg.

The <u>oldbeacon.com</u> website is a real find. It's a wonderful compendium of pictures and information. You might need several evenings.







Wings and Wheels on June 23rd/24th; Hop Farm September 15th/16th; and Hastings Southern Model Show September 28th/29th. Dates will be confirmed later.

Competitions Programme: Ray B presented a list of Competition dates for the year. The first is the Climb and Glide using the Club Trainer on March 10th at Thorney Island. Ray also gave details of the organisation for the Gala Day at Porthole Farm on 28th May. The layout is set, ground cleared, demo flying and refreshments arranged. General flying will include an All Up Last Down event and/ or Balloon Bursting. Plenty of volunteers have appeared. Committee Members were impressed with the scope and depth of the arrangements and congratulated Ray on this. Rafe Shrubb is to be sent the Clear Dope to keep him informed of Club activities on his land. Tony C will arrange demos of the 'A' and 'B' schedules with a view to keeping members informed and possibly using the 'A' as a basis for competitions.

Ray B claimed £50 expenses to cover expenditure.

Safety Officer's report: Nothing to report.

Junior Members representative report: Nothing to report.

Editor's progress on production of February's Clear Dope: Printing will start tomorrow. Web Site Update - Progress report: Bruce S is to obtain and send photos of the new Committee members to Lee for inclusion on the website. Keith W will generate an up-to-date membership application form with latest fees for inclusion on the site. Ray B will provide the up-to-date Competition Calendar. Ray A suggested obtaining all the necessary access codes and passwords from Lee as a precaution. He also volunteered to take over maintenance of the website should it ever become necessary.

Thorney Island representative report: We are informed that CADMAC is the best organised Club using Thorney Island as far as access control is concerned. Congratulations to Tony C and Harry W for getting us to this state. The new bin has been broken, probably due to wind getting under the lid and insufficiently strong restraining straps. The repair is in hand. Hi-Vis vests and the windsock have been passed to the Safety Officer. The No Access signs and pegboard are to have maintenance carried out to improve their condition, show up-to-date information and comply with BMFA recommendations on wording. The lines for the Pilots boxes are to be repainted, and the new South-West box to be laid out.

Trundle hill representative report: The wind has not been favourable recently. The sign is to be updated to include correct phone numbers and the recommended BMFA wording. Action Ray A. **Porthole Farm representative report:** The sign at the entrance is to be updated to include the recommended BMFA wording. An additional sign with the BMFA wording is to placed at the footpath entrance at the far end of the site. Ray B asked for Club members to donate shale or rubble to fill the potholes on the access road. Ray A was asked to investigate obtaining scalpings for this purpose. Cost per load was suggested to be about £60

Indoor Flying representative report: The meeting at Seaford on 28th January broke even. The next meetings will be on 17th Feb and 24th March, the first date to go onto the website and be advertised at the Club social meeting. There are doubts as to whether we should hold a meeting in March. The dates for autumn and winter 2007 are to be booked as soon as possible. Toni R is to advertise the events to other clubs and the BMFA. It was agreed that in future spectators should pay £2 and flyers £5. Westergate meetings will be on 8th April and 4th May. A bill for £72 has been received from Westergate and is being queried.

BMFA representative report: Ken gave a brief summary of his activities as BMFA Southern Area PR rep, including how the newsletter is progressing. He also showed an example of the Salisbury Club newsletter.

AOB: None

Date of Next Meeting 6/03/07.

Im

RON SMITH 1926 - 2007

from dick stepney

Ron, who died on the 11th January this year was a dear friend and fellow aeromodeller. He was one of the founding members of Horsham Flying the Club where he was the secretary and a major driving force.

Amongst his voluntary duties he drove 'Flossie' the blue 'K' series Austin club van and he maintained the Club Hut at Horsham, which was



an old granary until 1972. The Horsham Club was mainly control line with some free flight.

In 1972, when the club lease ran out he became a Chichester Club member and started flying Radio Control at Thorney Island with a fair bit of success. Here he held the Safety Officer's position for some time which seemed quite strange as on the surface he always seemed carefree. Safety was a serious issue with him though, as he'd had guite a few accidents of his own when young: trying to fly from a bedroom window; and carving up his wrist with a

produce any model we like from supplied plans (100 kits minimum); something we are currently considering. But it was the manufacturing area that was so interestina.

Many of the planes were recognisable as being currently supplied to very well known UK companies. I will not betray the manufacturers trust by divulging their names here, but suffice to say their quality record is excellent.

Sweat Shops – not a chance

Many of you may be under the impression that these models are all made in "sweat shops" with the workers being poorly paid and working in intolerable conditions. In all the factories I visited, this is just not the case. I have seen far worse in many modern UK factories. The workers making the aircraft all seemed happy and under no obvious pressure and the working conditions were clean and comfortable.

Planes Galore

After a few days of visiting local companies around Shenzhen, it was time to travel 1,000 miles north to one more of our current suppliers.

On entering the factory, I was surprised to see a photo of myself on the wall, taken during my last visit there! (I must have made an impression). We were immediately struck by the number of models hanging on the walls and displayed on the floor of the assembly area, many of which we had not seen before. The brand new Pitts 50 is gorgeous and is all built up construction with a wing-

span of 42". It will fly on a .40 2c or a .52 4c engine. It has 4 ailerons for really crisp aerobatic performance. (See our website for details).

Then there is the stunning Bobcat of which we have sold over 200 in the UK and Europe. (See the review in RCM&E coming soon). This model is based on the

Kingcat jet but uses a standard IC engine with a pusher prop. Performance is fantastic with a JEN .56 2c engine and an 11 x 7 APC pusher, although some of our customers have fitted small Wren turbines for that added fun factor (not really what is was designed for, but it seems to hold up just fine).

Needless to say Plane Nutz will be back to China again this year to seek out even more superb value planes and accessories for you (as well as trying even more of the local food on offer of course).

Pete

twelve years old but were probably in their 20's. These guys were flying and trimming every helicopter before packing them in the box, so that you know when you take it out, it is going to fly ok.

So after Morris blagged a couple of free samples (purely for demonstration purposes you understand) we subsequently ordered a batch, details of which are now on our website. This company also manufacture a couple of lightweight foam 4-ch RC planes, one of which Morris flew successfully from the roof of their factory.

Balsa Bashing at last

Our next visit was to an airplane manufacturer. This company was obviously very big and professional, having been appointed as sole manufacturer for some very well-known companies who distribute in the UK. Here we were offered some very new planes, unseen in the UK at this time (watch our website for details of these coming soon). The balsa machining area was a revelation too with large boxes of balsa wood piled high (enough to last you balsa bashers many lifetimes). There were many machines for slitting and sanding the balsa to the required thickness and three CNC Laser cutting machines for producing the required components for all the planes in production. This company has agreed to





bottle having run and fallen on it. He was always keen to ensure others didn't get hurt - as any junior Horsham members, acting foolishly, would find out!

Ron left three daughters, two granddaughters and great grandchil-

dren. He will be missed by the many of us who he told, 'he was immortal' - but that's only the memory of him. And as he'd always say when parting.. KEEP 'EM OPEN.



BLAKE'S HEAVEN



Roger was passing round models and repair example all through his talk.

Those of us who've ever binned a crunched model were feeling pretty shame faced as we listened to the fascinating illustrated talk by Roger Blake at the February Club Meeting.

Roger, the self professed 'flying farm-worker' displayed literally thousands of pounds worth of very high-tech gliders and Power Slope Soarers as he explained and demonstrated the techniques he uses to produce his beautiful 'invisible repairs.' From home and abroad he gets calls to breath life back into anything from sports models to world class competitive sailplanes. Fibre glass, Kevlar or triple carbon construction hold no fear for 'Der Zap Meister' and although he makes light of his work during his humorous delivery we were left in no doubt that we were treated to insights from a real craftsman for whom the only possibly acceptable standard is pure excellence. BS

100 percent Testing

Our first visit to one of our existing suppliers (Dynam) was a real eye opener. This company currently supplies our superb LiPo batteries and Micro Servos and I for one had the impression that they were a relatively small company of maybe 50 people as they were only 18 months old. However, when we arrived there we were shown a 3-story factory building with 160 employees.

We saw our 8.4g Micro Servos being assembled and 100% tested, which was very reassuring.



We also saw transmitters and receivers being assembled too. And on the next floor we saw some very interesting indoor helicopters being made on two production lines. They make two types of helicopters, the standard electric heli with motorised tail rotor, but the one that caught my eye was the co-axial rotor type for beginners. These were being made for an OEM, but they said that they could also manufacture for us too. The thing that we were both mesmerised by was the 100% testing and setting up of the helicopters by 5 lads who looked about

PLANE NUTZ GOES CHINEESE CRACKERS

from pete wills

Ni hao, ni zen me yang.

We at Plane Nutz are nothing if not adventurous (just ask anyone who has seen us flying at Thorney Island on Hampshire's south coast). So it was decided at an earlier Board meeting at the highest Executive level that rather than just buy the planes from a faceless supplier, we should go and see just how these planes we all fly are made.

I made an initial visit to our main supplier in May this year, which was a real eye opener.

The town I visited is in an industrial area surrounded by mountains, all very scenic, but judging by the looks I was getting, I think I was one of the first westerners they had ever seen and almost certainly the only one in town that week. English is hardly spoken at all, although all the factories had at least one person (usually a very pretty young lady) who could speak English reasonably well.

From this trip, it was decided that both myself and my business partner (Morris) would visit China again, but this time to look for additional suppliers and just to see what else is available out there.

So 28 or so hours after leaving home, we arrived at the stunning 4-star Vienna Hotel in the beautiful city of Shenzhen (just north of Hong Kong), having survived the journey from the Hong Kong border to Shenzhen in what is best described as an MOT failure of a taxi (and I'm being kind here).

Shenzhen is described as the electronics capital of China, which was borne out by the incredible number of shops and even department stores selling PC components, MP3 players and mobile phones. But it was electronics of a different sort that we were looking for.

I had already made contact with several potential and existing suppliers in the Shenzhen area before we arrived and had arranged visits for nearly every day of our trip.

© C.L.Stevens 29/01/07	MODEL		MEMORY No.	RY No. 1	2 3 4	5 6
PARA - DRSW	1 2	NOTES:				
- TYPE	ACRO HELI					
- MOD	0 4					
FLPR	On Inh	•	%			
FLTR	on In	•	%			
ABRK	į –	Ch.2	%. Ch.6	%		
VTAL	On Inh	Ch.2 + -	%. Ch.6 + -	%		
ELVN	On Inh	Ch.1	%. Ch.2	%		
1 ↓ 4	On Inh	•	%			
6 → 2	On Inh	•	% Offset	%		
2 → 6	On Inh	•	%			
PMX1	On Inh	Master Ch.	Slave Ch. R	R/U + - %.	- + 0/1	
PMX2	On Inh	Master Ch.	Slave Ch. R	R/U + - %.	r/D + - %	
			CHAN	CHANNELS		
1	1 - R. Ail. / Both	2 - Elev.	3 - Throttle	4 - Rudder	5 - Retract	6 - Flap / L. Ail
REV	N R	-	r R	N R	х Я	z
STRM	% • +	% - +	% - +	% - +	% +	% +
TMEM	L Nil R	D III D		L Nil R		
ATV R/U	%	%	- %	%	%	%
5	%	%	%	%	%	%
D/R - Rate 1	%	%	ı	%	▲ D/R Mode 2	
- Rate 2	%	%	•	%	▲ D/R Mode 2	
EXP - Rate 1	% - +	% - +	% - +	% - +	▲ D/R Mode 2	
- Rate 2	% - +	% +	% +	- +	▲ D/R Mode 2	
F/S (PCM)	LL Z	L Z	Z	R	L Z	z
ViCd	NIMH Capacity	Last Checked	ecked	Aerial Tight?	Crystal OK?	Pennant OK?



It may have been cold last month on Thorney but spirits were high as our size '0' cat-walk models posed for the newly created Prat-Hat title. Competition was fierce and there was much bitching and back-biting before the final decision was reached. Highly commended were 'Hoodie' Roberts and 'Deputy Dog' Campbell but the outright winner just had to be 'Cosmo' Doe - (centre left) - it was the festooning of his chapeaux with 'Train Spotter' badges which swung the judges' final decision. The official 'Tarring and Feathering' ceremony will take place on the Club Gala Day!



Gibbs Guides		
User friendly guides by Andrew	w Gibbs	
Lithium batteries Nicad and Hydride batteries Mercury EX Super Nova	£7.75 £6.75 £6.25 £6.00	A user-friendly guide to the Mercury EX
Cadmac members may enjoy discount on above prices when at a club meeting.		An easy to understand auide for Mercury EX owners
Latest Release Gibbs Guide to Lead acid ba	atteries	Includes Flow chart, hints and tips and much more. Andrew Gibbs
Telephone: 01243 861 804 Email: mrandrewgibbs@yahoo.com www.gibbsguides.com		