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Flight Lines





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THE NEW
SPEKTRUM™
DX9
NOW PRECISION
HAS A VOICE



From its beginnings, the people behind Spektrum technology have constantly sought new ways to make the RC experience simpler, safer and, most of all, more fun. The new DX9 transmitter is proof positive that this relentless spirit of innovation lives on.

Precision Now has a Voice. While the DX9 brings several new features to the Spektrum customer experience, the centerpiece is its incredibly advanced voice alert system. In fact, with its lexicon of over 300 words, numbers and phrases, it's quite possibly the most advanced system of its kind ever seen (or heard) in a handheld transmitter.

Using this system, DX9 pilots will be able to maintain complete awareness of critical telemetry data and transmitter functions without ever having to take their eyes off what they're flying. For instance, pilots can program the DX9 to call out what flight mode has been chosen when switching from one to another. It can also be programmed to call out specific values for voltage, temps, or any other telemetry info, on demand. If an alarm goes off, the pilot won't have to look at the display to see what's happening. The DX9 can tell them.

Wireless Trainer Link. While the DX9 does have a trainer cord jack, instructors will have the option to wirelessly "buddy box" with another DSM2®/DSMX® transmitter. Once bound to another transmitter, ModelMatch™ technology will allow the DX9 to rc-link without having to go through the bind process again.

250 Model Memory



Voice Alerts



New Wireless Trainer



Available from your local specialist RC Store or phone 0800 62 82 63 for your nearest dealer.

Cover; Malcolm's Japanese Hein at Lake D

FLIGHT LINES

HAMILTON MODEL AERO CLUB INC.

December 2013

www.hamiltonmac.org.nz

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WEB SITE Mikey Wilson
CATERER James Danby

CLUB NIGHT Wednesday 11th December 7.30 pm
VENUE Beerescourt Bowling Club
68 Maeroa Road - Hamilton

THEME: HMAC Annual Xmas Club night.

Bulletin Printing *Compliments of Racing Type. Ian Innes, Hamilton.*

President's Report

It's here...that's right, Xmas is upon us. I hope you have been dropping hints around the present buyers in the house for all those nice modelling toys plus bits and pieces that you've been wanting to purchase all year. Make sure you drop even bigger hints for the pressies they missed out on buying you last year. Who knows, you can only hope that Santa might actually be listening this year!! And whilst you're at it, try leaving a few model catalogues and magazines lying around the house....you could be pleasantly surprised.

This month has seen another busy few weeks for me. I attended the Maurice Astill memorial flyin at the beginning of the month, the Armistice Day celebrations at Karapiro, our club fun Aerobatics day, the Glider day and Float plane day at Lake D last Sunday. All in all a pretty fun filled month, which still leaves me with a couple more events to attend before Xmas.

Our November monthly fun fly event was a fun aerobatics competition. Around ten members or so took part at being judged on their takeoff and landing, plus three aerobatic manoeuvres of their own choice. This was all a pretty light hearted affair with some pilots trying things like rolling circles whilst others simply impressed with a single loop. At the end of the day a very subjective result was announced by judges Gordon and I with chocolate prizes awarded to pretty much everyone for one thing or another. Overall winner for the event went to Wayne Cartwright, well done Wayne and everyone else who came out and gave it a go. We also had a very successful glider day this month with some nice weather and a good number of models. The thermals were pumping well into the afternoon with some long flight times being recorded from just about everyone.



This month's club event was the Float plane day at Lake D last weekend. A pretty good turnout from members saw a fair bit of flying before the wind got a bit strong for most. There were a couple of unexplained crashes with radio failures the likely blame, maybe the radio gear had seen a bit too much water in the past. Nonetheless it was still a good day for most. Our other major club event this month is our Xmas Fun Fly Bbq & Picnic at the club field on Sunday 15th Dec. The club will be providing meats and soft drinks and if members could please bring a plate of salad and/or desert for a shared lunch, that would be appreciated. See the advert elsewhere in the magazine.

Dont forget the invite to the Cambridge Model Clubs Xmas BBQ Flyin this weekend. Take a few gold coins to support the guys and make a day of it. Last year's event was grand, so don't miss this one. See advert elsewhere.

Last month's club night was a very interesting presentation from Ross and Noeline Craighead from Auckland on their recent trip to South Africa to compete in the World F3A R/C Aerobatic championships. Accompanied with photos and tales of the event, their presentation gave us a fascinating insight into world class competition aerobatics. Thanks Ross and Noeline for making the trip down to talk to us.

December & our final club night will be our annual wrap up of the year gone by. With video's, awards and maybe a tall story or two this should be a great evening to finish off the year with. Members are asked to bring a small plate of something edible for supper if possible. Don't forget to bring along models for show and tell plus anything else that may be of interest. Here's hoping to see as many of you there as possible.

Out at the field the grass has been growing madly, but with summer coming on we expect that it will slow down a bit as the



ground dries out. People have been doing a good job lately putting the electric fence up, so that's very pleasing, keep up the good work guys. Remember to talk to others out there before leaving and remind them what's required. Just a quick note though, make sure you disconnect the fence sufficiently that it doesn't leave one end arcing onto the ground whilst you are flying. This usually means disconnecting at least two handles in the fence circuit. Arcing can cause further damage along the wiring, which we can do without!

Finally, the 66th Model Flying NZ National championships will be run over New Year down in Carterton. I'd just like to wish all of our club members that are taking part all the very best of luck and of course, bring home the Gold. If you are not competing, but are in the area, make time to stop by for a look, it's well worth the effort.

Well, that pretty much does it for 2013 from me and my writing pad. All that remains is for me to wish each and every one of you and your families a safe and enjoyable Xmas and a Happy New Year. A very special thanks once again to the Reekers family for yet another great year as your guests, and a final thanks and best wishes to the farm manager & staff for 2014.

Merry Christmas to all, Grant



Captains Ramblings

Another year almost gone, where has the time gone?? Probably like most you will look back and think of all those projects and dreams which were never quite realised. Ah well, there is always next year I suppose!

The November weather was quite stunning compared to most years so there was a huge amount of flying done around the Waikato. At last we got some decent days for our club events.

The November club fun fly event was "Fun/slow aerobatics. Congratulations to all those that took part! It was great to see a few step outside their comfort zone and have a go for a few laughs! The event was very loosely organized to have each pilot do 5 maneuvers, 2 of which were compulsory (Take off and landing!). The other three could be nominated by the pilot to suit his ability and aircraft. Some of the maneuvers were quite "new" to the judges! The "highly esteemed" judges were Grant and myself and despite our many pleas for bribery none seemed to be forthcoming! Golly modelers are a stingy lot! Choccy prizes of were given out on the day for all sorts of things so I hope everyone there was happy.

The following Sunday was a scheduled glider day and low and behold, the weather was finally fantastic! We resurrected the old winch and soon there were plenty of launches going on. In the morning thermals were easy to find resulting in some very long flight times. There was lots of DLG activity going on as well as the air suited them well.

A tentative start was made to the ALES (altitude limited electric soaring) competition. We tried for a 6 minute flight with spot landing to get things going and several found this very close to achievable, the closest being only 1 second out! Most pilots are just feeling their way at this stage so we will be introducing some other stuff in the future. Great fun.

We also should get some aero tow going on next year. Remember you can also fly any other thing you like on glider days

as most of the gliding takes place in the car park paddock so there is plenty of sky for all.

We have just had our last float plane day for the year. Unfortunately the weather for this one was less than ideal but the hardy ones still did plenty of flying under the very turbulent conditions. Phil's boat had plenty of work to do as the wind didn't seem to want to bring the planes back. Two "unfortunate" who shall remain nameless had the bad luck to destroy their models due to radio/equipment failure, it is always heart breaking to see planes falling out of the sky knowing there is nothing anyone can do to help! However, I am sure these hardy souls will be back with a vengeance...

We now have a few months break until the next float plane day so keep your eye on the calendar next year.

Our Christmas/end of year event at Collins rd. is on Sunday 15th. Dec. And will follow a similar format to previous years. There will be some novelty events to have a go at and of course the scrummy BBQ. The club will supply the meats, just bring some salads or similar to share.

Finally, on a more serious note, when flying your models please stand in the pilot box (on the flagstones) and communicate your intentions clearly to any other pilots flying at the same time (eg. OK to take off?, landing, deadstick, Etc.) In recent times too many pilots have been flying while standing all over the place with some resultant near misses. Tidy your act up guys, I don't want to be forever "telling you off".....it ruins my day as well as yours!

Well, that's my lot for this year, I will be glad to have a month off writing this stuff!

I wish you all a merry Xmas and prosperous New Year, and hope to see you all out flying over the holiday period.

Have fun

Gordon.

RC Vintage Contest Reports – October and November by Wayne Cartwright

JR Airsail Pukekawa, 19 -20 October 2013

This was a good start to the NNI vintage and classical season for 2013/14. Wind gusting over 30 kph on Saturday was a bit unpleasant and several people elected to wait until the next day. Conditions were much better on Sunday – just a stiff breeze and the interesting thermal activity that is expected at this site. Overall there were 19 flyers, 36 models flown in the contests and 100 timed flights. Multiple entries (with separate models) were allowed for the first time, and this will be continued.

The club was well represented by five people: Rex Anderson, Phil Hall, Gordon Meads, Graeme Bradley, and the writer. Rex took first in Precision with three maxes and just one point off a perfect fly-off, flying his Trenton Terror. Brad was a strong fifth with his re-covered Miss Philly. Phil damaged his Buzzard Bombshell when his radio closed down on his first landing approach.

The writer won Vintage IC Duration (Lanzo Bomber), just ahead of Gordon (Lanzo RC1) with Rex fourth. The writer also took out E Texaco (Cruiser) and 1/2E Texaco (Strato Streak), in which Rex was third with his Kerswap.

A highlight for the writer was the successful testing of a dolly to launch the Classical IC Duration Amazoom.

John and Sharon Danks were excellent hosts - a really convenient field, cream scones and sausages, and a model shop that had people reaching for their bits of plastic. What more could we want?

Thames Blackfeet Ngatea, 9-10 November 2013

This was a great weekend of enjoyable flying. The weather was good both days, with a moderate westerly breeze and generally good air. We had the largest entry yet, with 27 flyers making 71 entries and recording 205 flights – as well as several other models being sport flown. The general atmosphere was excellent –

people doing their best in the contests, but also relaxed and having fun. At times, at least six models could be seen circling in the same good air.

The club was very well represented by eight people. Bernard Scott and Laurie Chrystall returned to vintage flying after several years away from vintage. The others were Rex Anderson, Rex Bain, Jack Godfrey, Graeme Bradley, Gordon Meads and the writer.

Rex Anderson and Gordon again flew well in Precision, taking second and fifth, but it was not Graeme' day. Rex and Gordon were second and fourth in Vintage IC Duration, Bernard won A Texaco, and the writer won E Texaco and was second in Classical E Duration. Bothe Rexes did well in Tomboy, and Jack was consistent in E Rubber Texaco.

The Thames Blackfeet site was again excellently prepared – an excellent field for vintage/classical flying. Thanks to club folk Brian, Lindsay, Martin and Paul, for their efforts in preparing the field and making us welcome.

The next Vintage event is at JR Airsail Pukekawa on 18-19 January.

***Cambridge Model Aero
Club Xmas FunFly invite
to all HMAC Members!!!***

Come along and enjoy flying from a great location with a BBQ lunch.

Dec 8th, Maungakawa Rd

(Please bring some gold coin towards BBQ)

***HMAC Annual Xmas
FunFly & Lunch***

Please mark this on your calender before your wives fill it up with boring family engagements and remember to bring a salad or dessert to contribute.

December 15th!!!

RC Pattern @ Airsail

Unfortunately there's not much to report for the Pattern comp held last weekend at the JR Airsail field. Advanced had a good entry and was the only class to get any flying in before the WIND!! was triumphant. When the gusts got up to 70+ kph, there was a unanimous decision from the F3A guys not to fly. A wise decision as John D later reported " *peak gust at 4pm., 90.6 kph. John D !!*"

The two rounds of Advanced that were flown saw John Danks and Jarrod Briggs fighting not only the conditions but the top placing also. With an almost direct cross-wind from behind, the pilots worked hard to keep the model from becoming a 'speck' in the distance. They did well in that respect. An engine problem for Roger Gibbs and a 'windy' landing for Gwyn Avenell meant they were unable to get a 2nd round flown and the WIND won the 2nd round over Paul Tomlinson. Good on you guys for getting the flights in that you did. They were 'difficult' conditions.

Thank you to Ross & John Rogers for judging.

Final results for the two rounds left both John and Jarrod with a 1000 round each. Congratulations.

The only other flying was James Danby who had a couple of flights with his new BJ Craft NUANCE powered with a Contra Drive.

Thanks to Sharon for the scones for morning tea and John for the BBQ sausages for lunch.

Shame about the wind but we all know that's one thing we cannot organise.

The next competition will be the Nationals. Precision Aerobatics will be flown on Jan 3.

Look forward to seeing you there.

MERRY CHRISTMAS Everyone

Best Wishes, Ross & Noeline

R/C Pylon by Marcel LaGrand

Yet another great day RC Pylon Racing flying at John Danks JR Airsail Airfield up at Pukekawa. With a 10 knot cross wind, this saw some interesting landings .

John D managed a 103.56 seconds on course with his new Electric Big Bruce model . That's pretty quick.

I won the first 3 races but due to a bad engine run was lapped twice by John D in the fourth race.

Then the wind picked up and made things really interesting . I blew a servo and ended up flying my fuel soaked sniper which was slowly coming apart, as nothing would stick to the walls. This caused my battery to move around and change my CG all the time, flying it was interesting . I managed to fly it long enough to get a time in and complete 5 races, so I was happy . I got 3rd place yet again . Flying a fuel soaked, uncontrollable model around pylons in 15 knots wind, and only getting three cuts was not a bad effort.

Paul Clausen won overall doing a total 416 seconds for the day , his plane was honking .

At least Paul Clausen is back to his normal self and winning again. Look out Nats, here we come...



Painting Tips with Bogan

I am using a paint called DeBeer ... LinkUp Paint Supplies have it at No. 6 Kilarney Lane, in Frankton (<http://www.linkuppaints.co.nz>) You can get 2K stuff (two pot mix)... thats called DeBeer 400 (I think?). Eg mix it with their hardener, and just spray it on.

Or you can get a base coat, clear coat, which I use, its called DeBeer 600. (Berobase). You just add thinners and paint it on, dries really fast, and when you're done you clear coat over the whole thing. (until you clear coat the colours look pretty dull)

If you just need to spray some trim colours on a white base, then perhaps just go for the 2k stuff, because no clear coat is needed, and it will be glossy right off the gun. Go for the fast hardener so there's less chance of bugs landing in it, especially if you're outside !

I like the base coat clear coat system over the 2k, because it dries fast enough that you can mask and paint so much faster. Plus you can fix up any little problems just by painting a bit more on, even touching things up with a brush. When you are done you give it a light sand with 1500 grit sandpaper wet, then clear coat the whole job to make it come up mint.

The guys at LinkUp are good, and I've had them mix paint up to match oracover too. They always say it won't quite look as good as the oracover, but I reckon they do an awesome job eye matching the colours. I think I spent \$500 down there on paint, and I've got not much left over. Paint is bloody expensive !

If you need to fill any holes in fibreglass, try their "Dolphin Glaze". It's cheap and works well. I think its by UPOL. I got some in their bargain bin.

Cheers, Bogan

R/C Pylon by John Danks

Another great Pylon day here last Sunday with fine weather along with a gusting SW wind. Not a large number of entrants this time, with the start of the Silly Season and other commitments, that was to be expected. Some great racing between Paul and Dave in Q500 sport, fighting for first place, with Ron and Marcel having their own battles. Not enough entries for Q500 Expert meant that the only other class flown was Electric Sport.

The other highlight for me was running my new F5D model on the course with a 10 lap race time of 1.06. This class is set to take off next year (no pun intended) with the availability of cheap motors and a selection of airframes available to suit most pockets. My choice is a BBR Summit 1 running direct drive 2200kv motors. There are plenty of other combinations being used with similar performance.

All in all, a great days racing with plenty of smiles all around.

Results;

Q500 Sport;

1st. Paul Clausen 416

2nd Dave Wilkins 429

3rd Marcel Lagrand 542

4th Ron Stone 591

E Sport;

1st Brian Harris 474

2nd John Danks 476

Remember to get your Nationals entries in early,

See you at the NATS.

Cheers John

Vintage SIG/JR Airsail Pukekawa RC

Vintage and Classical Event January 2014

Dates: January 18-19 2014
Times: 9.30am– 5pm Saturday and 9am – 3.30pm Sunday
Venue: 299 Native Rd, Pukekawa (exit SH1 at Mercer, travel along Mercer Rd, then Ferry Rd toward Pukekawa, take first left into Morrison Rd, then straight ahead onto Native Rd)

Host: John Danks, 09 233 4014, westech@xtra.co.nz
CD: Wayne Cartwright, 07 210 0298, wcartwright@vodafone.co.nz

This is a combined contest and rally. All contest classes flown both days – contestants fly the classes they wish at any time they choose – and rally flying throughout the weekend, subject to the contest landing circle remaining free. Classes flown to the rules published in the Vintage page of the MFNZ website:

Vintage: Precision, IC Duration, Open Texaco, A Texaco, 1/2A Texaco E Duration, 1/2E Texaco, E Texaco, E Rubber Texaco

Classical: IC Duration, E Duration

Tomboy: IC and Electric – best flight of three attempts, with model specifications as published in AVANZ News.

Each contestant may make **multiple entries in each class**, subject to different model(s) being used for each entry.

The Vintage SIG gratefully acknowledges John Danks and JR Airsail for the use of their field.

Future Events in NNI Vintage SIG Events 2014 (same format):

February 22-23	JR Airsail, Pukekawa
March 22-23	Tuakau
April 12-13	Thames Blackfeet, Ngatea
May 10-11	JR Airsail, Pukekawa

Note that the April event at Ngatea is now a week earlier than announced previously, to avoid clashes with Easter and the ANZAC Day weekend.

Upcoming Control Line Events

Waikato Control Line Grass Champs 1st and 2nd February to be held on the football field at Horotiu, corner of Great South road and Horotiu road, Hamilton, Saturday 1st February, practice from 8.30, competition starting at 10 o'clock.

F2B aerobatics.

Sportsman aerobatics.

Sunday 2nd February, practice from 8.30 competition starting at 10 o'clock.

Slow Combat.

Slow Goodyear.

Classic A & B team race.

Contact Brian Howser 07 8543634.

Waikato Control Line Tarmac Champs 2014.

To be held at the New Plymouth control line site behind the Water Treatment station
on the road to Stratford.

Friday 14th Feb, 2014, practice day, 8am to 7pm.

Saturday 15th Feb 2014, 9 o'clock start.

1/2 A team race,

F2C and/or F2F team race,

Class B team race,

Classic A/FAI team race,

NASS sport Jet.

Sunday 16th Feb 2014, 9 o'clock start.

Slow Goodyear,

Fast Goodyear,

% Speed,

F2A speed.

Contact Brian Howser 07 8543634.

HMAC Action Dec2013



Coming Events

Dec 8th Cambridge X-mas Fun Fly. All HMAC members welcome
Please bring a gold coin towards the BBQ

Dec 11th HMAC Xmas Club Night - please bring a plate for supper

Dec 15th HMAC Xmas Funfly and BBQ. Please Bring a Salad or dessert
for the shared BBQ

Dec 14-15th NZJMA Jet meet, Tokoroa

Jan 2-4th NZ Nationals Rally, Clareville Showground, Carterton

Jan 18-19th NZJMA Jet meet, Tokoroa

Feb 22-23rd Warbirds over Awatoto

Flight Lines Deadlines 2013

Feb Bulletin – 28 Jan
March Bulletin – 28 Feb
April Bulletin – 28 March

For further up to date event info please visit:
http://nzmaa.org.nz/apps/event_list.as

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