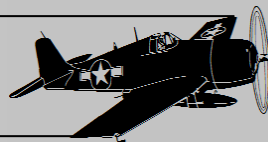


Feb  
2017

# *Flight Lines*



# NEW FROM **E-flite**

Arriving July

## RADIAN® XL 2.6M



### Complete with Air Brakes & fully flying Elevator

Ask any of the thousands of pilots who have flown one. Radian® motor gliders are the sailplanes of choice if you want a quick and easy way to experience the thrill of RC soaring or relax with a quick flight. They are so easy to fly, even pilots with no soaring experience have been able to master the art of riding thermals after just a few flights.

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Arriving July

## TIMBER™ 1.5M STOL



### Complete with Floats, Flaps and Lights, Slats sold seperatley

Make the world your runway with the amazing Timber™ 1.5m BNF® Basic or Plug'n'Play park flyer. It comes equipped with an unbeatable combination of features that let everyone from newer pilots to expert sticks enjoy a versatile, sport-flying experience unlike any other.

STOL, Sport Aerobatics, Off-Field Adventure, Float Planing, Fun-Fly, it does it all

If you've been looking for a great, all-around park flyer that's up for anything, and can be flown almost anywhere, this is it. Its innovative design combines the spirited performance of a sport plane with the versatility of a bush plane so you really can have it all.

**Tundra-Style Landing Gear or EDO-Style Floats-Both are included!**

Available from your local specialist RC Store or phone 0800 62 82 63 for your nearest dealer  
Distributed by H.O.T. LTD, Hamilton, New Zealand. [www.hotrc.co.nz](http://www.hotrc.co.nz), proud sponsors of many RC events

## Cover: Scale Aerobatics @ the 69<sup>th</sup> MFNZ Nationals

# ***FLIGHT LINES***

HAMILTON MODEL AERO CLUB INC.

February 2017

[www.hamiltonmac.org.nz](http://www.hamiltonmac.org.nz)

## **PATRON**

Graeme Bradley

PRESIDENT	Grant Finlay	027-273-7461
VICE PRESIDENT	Gordon Meads	021-125-2911
SECRETARY	Alan Rowson	07-843-3889
TREASURER	Alan Rowson	021-025-93002
CLUB CAPTAIN	Chris Tynan	022-353-9231
BULLETIN Ed.	Andrew Ferry	<a href="mailto:andrewjamez@yahoo.co.nz">andrewjamez@yahoo.co.nz</a>

## **COMMITTEE:**

James Danby	021-0444783
Mike Sutton	
Lyndon Perry	021-2588506
Sel Melville	027-4823459
Andrew Ferry	022-6177080

WEB SITE	Mikey Wilson	<a href="mailto:mikeywilson@gmail.com">mikeywilson@gmail.com</a>
CATERER	James Danby	

<b>CLUB NIGHT</b>	Wednesday 8 <sup>th</sup> February	7.30 pm
<b>VENUE</b>	Beerescourt Bowling Club	
	68a Maeroa Road - Hamilton	

THEME: AGM & after, Alwyn Graves talks about early Radio Control

**Bulletin Printing**    *Compliments of Gallagher*

# *Presidents Report*

We are the Champions. Yes you read that right, Hamilton MAC took out the Club Points Championship trophy at the 69<sup>th</sup> Model Flying NZ National Championships over New Year. This follows on from our win at last years Nats, so it's something that our club members can rightly be proud of. Well done to all those that took part across the duration of the Nats and represented the Sport/Competition side of our hobby. It's regularly observed that competition fuels the development of our hobby and much of the innovation we witness is as a direct result of the efforts towards bettering performance. So well done all and I hope you all enjoyed the Nationals experience.



So as we roll towards the second month of 2017 through a summer that's acting more like Spring, I'm beginning to wonder if we'll get any decent flying weather at all. The winds have been strong and the temperatures low, so the activity at the field has definitely suffered. It's probably an apt time to suggest that persuading yourself to fly in the wind will increase the amount of flying you do and very likely improve your piloting skills too. So next time it's a little windy, just bite the bullet and give it a go, you might be pleasantly surprised at the result.

As you will be aware, at the December Club night we held a Special General Meeting (SGM). This was to set the Clubs Annual Subscription Fees for 2017 and to mandate the bringing forward of our AGM by a month into February of each year. At the SGM, both items were presented and passed and thus our February

Club Night Meeting will now be our AGM. Likewise the Club Subs were set and are now due for payment prior to 1<sup>st</sup> April 2017.

Our December club night meeting was also our Xmas fun awards and pictorial revue of the year that was. We had a great turnout of over thirty members present, along with Nancy Bradley and Colleen Tynan, which was really great to have them both attend. Colleen was presented with Flowers in recognition of all her work put into the Xmas BBQ preparation and also for her assistance in the kitchen at club nights and frequent visits with yummy scones at the field. As for the less serious awards, well this year they were definably themed as “Pants Awards”. There were the Windy Pants for Gordon, Chris and Sel, Thermal Pants for Dave Crook, Worker Pants for Warren & Brian Setters and Plastic Pants for Dennis Raynel amongst many others. Needless to say, I think everyone enjoyed the entertainment of the evening with a superb supper to round out the evening. Thank you everyone.

Now, as for the Feb meeting which is also the AGM, I will be away. Therefore I will be handing the reins over to our Vice President Gordon Meads to facilitate the formal proceedings on the night. Hopefully this will be a straight forward affair and if you have any items for general business it would be appreciated if you can let either Gordon or Secretary Alan know of these ahead of time please. Following the conclusion of the AGM, one of our long time members, Alwyn Graves will give you a presentation on the early days and development of Radio Control modelling, both within our own club and in NZ. This should be an interesting talk and will nicely round out the evening following the AGM.

December's club flying event was of course our XMAS BBQ and Fun Fly. The weather wasn't looking too promising on the day with strong windy conditions forecast. However the long range forecast

for the following weekends postponement date was even worse, so we just went for it regardless. Despite the wind, a number of guys flew and made pretty good jobs of it too....some may have even attained there “Windy Pants” awards there. At lunch time we had a great BBQ lunch organised/supervised by Colleen and no one left hungry that’s for sure! So all in all a very enjoyable and sociable day.

This months club flying event is a two day Heli Rally on the 11<sup>th</sup> & 12<sup>th</sup> Feb. Kevin Foote will be running this event in conjunction with Hobby Hangar, so we expect a number of visiting heli pilots from around the area to be coming to the event. The Saturday has been set aside exclusively for Heli flying (no fixed wing), however Sunday will be for mixed activities. For fixed wing pilots, please work with Kevin on the Sunday and be prepared to wait your turn if the field is busy with Heli operations. Above all else, please fly safely and responsibly... which I know you will.

There are a number of events coming up this month on the Calendar which I know many are planning to attend. Keep an eye on the HMAC Web Calendar as we often add related aviation events going on in the area. For instance there is an Airfield open day and Community Market on at the Te Kowhai Airfield on Sat Feb 11<sup>th</sup> (which may be of interest to wives as well). This is the same day as the Heli Rally, so could be an interesting alternative to flying, similarly the Jet Rally is on at Tokoroa that weekend also.

A shout out to Gordon and Sel for doing some much needed maintenance and upgrade on the Flying Field Workbench tables. A few hundred screws later and some cross bracing added, these should now be good for a number of years ahead. Also, you will now see a new sign on the Notice board behind the tables which

is also a bit of Gordon's handy work. Sel also evicted a nest of birds from the out buildings which were smelling quite fowl! Awesome job guys, thank you.

Well, as we head to the AGM, that's officially my last bulletin report for the Club Year. I hope you have enjoyed my ramblings over the last 12 months and that there's been something of interest or of information in what I've written. Thanks to all those that have contributed to the bulletins and also the wider club activities. Without other people working behind the scenes and doing stuff, we wouldn't be able to enjoy the hobby and facility's we have. A special thanks to John Reekers and family for the continued support, it's greatly appreciated.

So as always, you know it, the last words will be nothing more than....

"Safe flying is No Accident"

Cheers Grant.



# *Captains Report*

Hope you have all had a great Christmas with family and friends and your New Year has started on a good path.

As you no doubt already know the weather has not exactly given us the summer we had hoped for as most days are plagued with wind not conducive to enjoyable flying. This is not to say we have not been out flying just the good days are not that common for “summer” flying.

The Nationals were well attended by HMAAC members again this year and when I last looked made us favourites to take out the club trophy once again, so thanks all the members that attended and congratulations to the club members that placed in the many classes entered.... so well done guys.

Grant, Gordon and myself entered Novice Scale and although I had originally intended to fly the Fokker tri plane lack of wind permitting there was unfortunately plenty of wind so I thought the P51 might be a better choice, unfortunately the Mustangs engine had other ideas and with no time to pull the engine and get it sorted it was the tri plane or nothing. Flying the three winged wonder into wind was not much faster than walking pace even with the engine at full throttle, and for down wind runs we could have entered pylon, so you can imagine what it was like trying to fly the compulsory figure 8. Despite these little issues I felt the Fokker handled the wind quite well, provided no gusts came from differing angles when you where trying to do a touch and go or similar. All in all, a pretty good outcome for the club with a first, second and third respectively by the above HMAAC entrants.

I have just come back from the air show held in Tauranga this weekend, a little light on aircraft, but a good display by those attending, I was especially impressed by the display put on by Dave Phillips in the de Havilland Tiger Moth and the model fraternity was well represented by Colin Austin with his Panther



and Peter Brown with his Vampire version. Both impressed the many spectators I was standing around, so a good job done by them.

The next big event for us radio guys is Awatoto Warbirds, so I hope many of you make the effort to get down to Hastings, as it is a great event for military scale aircraft.

Don't forget our next club meeting is the AGM, so please make a point of attending and having a say in your club.

Till then.

CT (Chris Tynan)

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Gordon & Sel  
performing their magic  
with some corrective  
maintenance on the Club  
Field Work Benches....  
awesome work guys



# ***FEES FOR 2017/2018 YEAR***

PLEASE NOTE THAT THE FOLLOWING FEES ARE DUE TO BE  
**PAID BY 31ST MARCH 2017.**

Under the revised rules set by Model Flying New Zealand, you will not be able to Fly from any registered MFNZ club flying field from 1st April 2017 if your renewal fees have **Not** been paid. Subsequently, you will not be covered by the MFNZ flying insurance after that date. Hamilton Model Aero Club will need to enforce this requirement.

**The 2017-18 HMAc/MFNz combined subscription fees are as follows;**

SENIOR	\$165.00
RETIRED R/C	\$145.00 (70-Yrs and over)
FAMILY	\$175.00
JUNIOR	\$ 55.00
(if over 18 years from 1 April 2017 you become a senior)	
CONTROL LINE ONLY	\$105.00
FREE FLIGHT ONLY	\$105.00
ASSOCIATE	\$75.00

Note, MFNZ fees have been increased by \$5.00, but our club fees have remained the same as last year, which gives us the values above.

Your club fees can be paid by internet banking to the  
Hamilton Model Aero Club Account: 03 0314 0215645 00

Please ensure you put your full name on the payment and subscription type. Where practical please email the secretary that you have done so.

Alternatively, you can send a cheque to Alan Rowson, 18a Mahoe Street Melville, Hamilton 3206

Or post to the: Hamilton Model Aero Club Inc,  
PO Box 1333, Hamilton 3240.

Thank you for your co operation.  
Alan Rowson  
Secretary/ Treasurer  
Email: [alan48linda47@gmail.com](mailto:alan48linda47@gmail.com)

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## HMACHMAS BBQ & Fun Fly



Dinner is Served....enough food to feed an Army of Hungry Pilots and more!

Linda Rowson cuts the Xmas Cake

## ***NZMAA 69th. NATIONALS PYLON REPORT***

Another successful Waharoa Pylon Nationals has come and gone in perfect conditions at a perfect flying site. A big thank you goes out to the Briggs family and their team for organising the site and putting it all together.

A record entry this time with over 40 entries equaling over 200 individual race scores and 70+ races. The team of helpers we had resulted in a very smooth flowing event, this was easily achieved in the well supported classes but came a bit unstuck with the low entry classes, a slight change of direction in this area should see a better event next time. All in all it was a very satisfying event for me as CD.



With the new F3T class introduced to replace the old Intermediate class we had once again some very good support for a high speed, high action class, we will definitely be supporting this class going into the future. The Q500 Sport class was once again the most popular with 12 entries followed by Q500 Expert with 9. Both Q500 classes produced some excellent racing with the New Zealand record being broken in the Expert class twice, eventually going to Frazer Briggs once again at 1min 13.19sec. (73.19). Stephen Collins also broke the record in his last round with a

73.31, unfortunately for Stephen this only lasted for about 10 minutes as Frazer's record time was in the next race.

Another NZ record in the F3D FAI class for Tom Wetherill and the first ever sub 1 minute time in NZ of 59.50 seconds. Tom and his caller Bruce DeChastel will be representing NZ at the next F3D World Champs in Sweden in June this year, we are sure they will do well with some encouraging speed witnessed here at our Nationals.

Both electric classes were flown this year due to having enough entries to support an official result, resulting in the full six classes supported.

It was great to see Tom Wetherill over from Melbourne once again along with Bruce and Linda DeChastel from Queensland, Linda with her first ever trip to NZ and Bruce the first time since 1986. It was great to catch up with you all along with an excellent social occasion. Also not to mention Les King from Christchurch making the 2 day trip and very busy flying every class except F3T, his pit area looked like the NZ history of pylon!!

Preliminary reports are that the next Nationals will be held at Carterton in January 2018 so we should all be looking forward to that event now and getting some racing in over the next few months before winter.

So if you missed this year's Nats., you missed a great event. Our next meeting is at the JR Airsail site on February 26th. Until then, take care, and practice "Turning LEFT"

Cheers John Danks

Frazer Briggs  
starts another Pylon Race





# *IMAC @ Waharoa 69<sup>th</sup> Nats.*



Day 1 ... Raining. We got started at 2pm and managed a round each. 6pm more rain stopped the flying. Lucky to get in what we did that day, with light wind and grey skies. Day 2 ... no Rain, even some sunshine, or was it the moon on fire ? Wind got up as the day went on and we've just finished at 6pm in strong winds, but nice and sunny.

Sportsman was taken out by Mike "Baldrick" Briggs yet again. Ross Heald in second and young James Farrow slid into 3<sup>rd</sup> after Rayna Groves was unable to fly the unknown round due to motor problems. "Smokey Oakley" being the only guy to enter Basic made the move up to Sportsman and provided plenty of entertainment for the judges.

Intermediate was a one horse race, Adam Butler being the only contestant.

Advanced was won by John Knox, with John Rodgers not far behind. Mikey Wilson in 3<sup>rd</sup> won the final unknown round.

Unlimited was won by Frazer Briggs with Stephen Greig not far behind. Jarrod Briggs in 3<sup>rd</sup> ahead of Andrew Palmer. All four in Unlimited flying DA 200cc.

Great to have a few spectators coming for a look during the day. We had 14 pilots with a total of 210 flights. Thanks to all the

Judges and helpers, especially Max Briggs who punched in all the scores !!!



Aerobatics started on Day 4 in stunning weather. 4 pilots in Sportsman. 5 in Advanced. 6 in F3A. The F3A event doubled as the NZ Team Ranking for the coming Trans Tasman and World Champs events later this year. We flew right through till 7pm on Day 4 in pretty good weather all day. Sportsman was won by Frank Winnips, followed by Chris Wong and Foster Watkins. In Advanced Stephen Greig took the charge with Paul Tomlinson and Adam Butler in 2<sup>nd</sup> and 3<sup>rd</sup>. F3A was a pretty close battle across the 4 rounds, with final results being Frazer Briggs, followed by Hamish Galloway and Andrew Palmer.

Once again a fantastic end to a long week of flying on a magic site. From our end of the runway during IMAC and Pattern, we have seen Scale, Control Line, Heli, Pylon, Rotor Cross and DLG Glider all in action !!!

Thanks everyone  
Frazer Briggs



## Te Kowhai Country Market And Community Event

**11 February 2017**

**Country Market**

**10am to 3pm**

*Followed by*

**Static Aircraft,  
Motorcycles and  
Classic Car  
displays from  
Noon to 8pm**



**Catering by Madeline's Retro Kitchen | Onsite Beer tasting by Pilot Brewery**  
**Local Aircraft on Display**  
**Ulysses Motorcycle Display | Huntly Hotrod Club Display**



**172 Limmer Road, Te Kowhai | [www.nzte.net.nz](http://www.nzte.net.nz)**



# ***Alan's SE5A Build***

I am starting to build another WW1 model..I do not know why I choose these particular aircraft due to the majority having double wings to build. I was going to purchase another Balsa USA kit but with the exchange rate low and the postage double the kit. Graeme Bradley managed to get a plan of a Balsa USA SE5a 1/4 scale.



I was lucky, Brian and Warren setters said that they would cut all the wing ribs and fuselage formers. That saved a lot of work. I have now made a start on the fuselage. I had some sheets of balsa and Jack Godfrey sliced it up into 1/4 sq and 3/16 x 1/4 strips. These were used for the fuselage sides, frame work and also the stabiliser and fin. This model has an 80in wingspan and will be powered by a Zenoah 26cc pull start engine. The next job will be the wings, but before that I will try and get as much of the fuselage finished first.

# *Be Aware!*

By Bruce Pickering

Over half a lifetime ago, while working in the bush, I twice had unpleasant experiences with heavy falling objects (trees and tree limbs)—one event being very nearly fatal. This, and a life of working in the construction industry, has given me a very healthy respect for anything above me that may fall.

Perhaps I am slightly paranoid, but I carry that concern with me when I go flying. If I happen to land—or crash—off the runway, as I proceed to the crash site I always make sure I know where all airborne models are and will even pause to watch when one passes overhead. You never know what might happen.

Well, my paranoia was reinforced recently while flying my Mustang. I was downwind for a landing, about 40 metres high. Another pilot had landed in the paddock south of the runway and was walking over to retrieve his aeroplane. Everything was fine, the entire flight had been uneventful, and I was tracking to the south of him, a safe distance away. A few seconds after I selected down undercarriage the model went into a violent spiral roll, veering towards the unsuspecting pilot on the ground. There was nothing I could do—I had no control response whatsoever. It plunged vertically (deeply) into the ground just a few metres from him.

Of course, he got a tremendous fright; he said that although he was aware my model was flying the downwind track he didn't realise what was happening until it dug its grave next to him. His fright was a mere reflection of the terror I felt at seeing my model heading at speed in his direction!

Upon retrieval the receiver was not working—but did it cause the crash, or did it die in the crash? The battery was good and I could find nothing else that may have been the cause. Whatever the cause, the moral of the story is: ***it pays to be aware of everything around you.*** Like a defensive driver, never complacently assume that all is well. It is easy to get caught out.

# *Coming Events*

<b>Jan 29<sup>th</sup></b>	NSMAC Scale Day – Green Rd, Dairy Flat
<b>Feb 4-5<sup>th</sup></b>	Warbirds over Awatoto @ Waitangi Rd, Awatoto
<b>Feb 10-12<sup>th</sup></b>	NZ Int Jet Spectacular – Tokoroa Airfield
<b>Feb 11<sup>th</sup></b>	Te Kowhai Airfield Country Market Community Event
<b>Feb 11-12<sup>th</sup></b>	Heli Fun Fly Event @ HMAC airfield
<b>Feb 24-26<sup>th</sup></b>	Galatea IMAC Scale Aerobatics “Rumble”
<b>Feb 26<sup>th</sup></b>	RC Pylon Racing Series @ JR Airsail Airfield
<b>March 22<sup>nd</sup></b>	Balloons over Waikato 22 <sup>nd</sup> to 26 <sup>th</sup> March
<b>March ??</b>	Float Plane day at Huntly’s Lake Puketirini (date to be confirmed)
<b>March 31<sup>st</sup></b>	HMAC Subs Due!!! No pay, no fly

## **Flight Lines Deadlines 2017**

March Bulletin – 24 Feb

April Bulletin – 31 March

**For further up to date event info please visit:  
<http://www.hamiltonmac.org.nz/>**

Official newsletter of the  
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P.O. Box 1333, Hamilton

Website: [www.hamiltonmac.org.nz](http://www.hamiltonmac.org.nz)