

August
2015

Flight Lines



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FRONT COVER: Touch down, or should I say splash down...

FLIGHT LINES

HAMILTON MODEL AERO CLUB INC.

August 2015

www.hamiltonmac.org.nz

PATRON	Stu Rogerson	
PRESIDENT	Grant Finlay	027-273-7461
VICE PRESIDENT	Gordon Meads	021-1252-911
SECRETARY	Alan Rowson	843 3889
TREASURER	Alan Rowson	843 3889
CLUB CAPTAIN	Mikey Wilson	021 168 9243
BULLETIN Ed.	Andrew Ferry,	<u>andrewjamez@yahoo.co.nz</u>

COMMITTEE:

James Danby	0210444783
Mike Sutton	
Lyndon Perry	0212588506
Julian Thornton	0212267251
Sell Melville	0274823459

WEB SITE	Mikey Wilson	mikeywilson@gmail.com
CATERER	James Danby	

CLUB NIGHT	Wednesday 12 th August	7.30 pm
VENUE	Beerescourt Bowling Club 68 Maeroa Road - Hamilton	

THEME: Aerial Photography from Models & Fullsize aircraft

Bulletin Printing *Compliments of Gallagher*

Presidents Report

Not a lot's been happening in my workshop this last month, as a warm spot in front of the fireplace and a few tv doco's have been far more inviting. However there have been others beavering away in their warmer man caves and I'm expecting some surprises to come out of some of them. Gordon for one will be making the big reveal of his latest top secret project this coming club night, so if you want to find out early what it is, you'll need to be there.

Last month's club night I covered the subject of preparing for a test flight and some key points to consider. At some point I intend to put these into an article and include them in the bulletin. Thanks for the feedback. I'm glad there was some info in there that people found useful.

This month's club night will be a talk from Peter Kirby. Peter has been involved with photography and aerial photography from model helicopters and similar for a very long time. More recently he has been contracted to photograph the Tamahere-Cambridge expressway on a monthly basis to record and capture the work as it progresses for both the construction company and for public relation requirements. This has been achieved through the use of full size aircraft hired from the Waikato Aero Club and hanging out the windows. Peter also recently visited Bangalore in India and has some photo's direct from the Hindustan Aeronautics Ltd museum. This should prove to be a very interesting evening.

This month, we were to have hosted the RotorRace FPV Quad racing guys at our field, unfortunately the weather put that out of the question. Next year we will look at hosting a couple of events in the drier months instead, so fingers crossed for a bit better luck with the weather then.

Our monthly club themed flying day is coming up on the 16th and this time around we are looking for Scale Models. Don't be shy, we want to see you flying. It doesn't matter if it's something that

we have to stand ten paces away, shut one eye and look at it in a mirror, if it's meant to represent a real aircraft then that's good enough for us. Mind you, if it's really awesome then you better bet we will want to see it fly regardless. As always, any other aircraft can be flown too, you just won't win the chocolate fish prize for best model!!

Another event coming up on the calendar is a Glider day at Cambridge MAC on the 6th September. Together we have organised this as a joint club event, being that Cambridge have the extra height clearance needed for good gliding. A tow plane will be available for aero towing as well. The Cambridge boys will also be cooking up a storm on the BBQ, so make sure you don't miss this combined club event.

Elsewhere in the bulletin you will see the HMAC Reekers Field will be closed to all flying activity on Sunday 30th August. This is due to a fund raising event taking place on the farm. Helpers are needed on the day, so if you would like to volunteer and support a good cause, just let me know.

You may be aware already, but CAA who governs the rules and regulations around airspace and airspace users have just brought in a new set of Rules on the 1st August. The changes affect all of us in one way or another, but on the whole flying at an approved Club field remains unchanged. CAA Rule Part 101 applies directly to us and a new Rule Part 102 in a nutshell is aimed at commercial operations. You should make yourself aware of the contents of Part 101 and they can be viewed by starting here: <https://www.caa.govt.nz/rpas/index.html>

Update on the flying field. You may have noticed we recently replaced all of the handles and electric tape around the flying field. This has given the fence a bit of extra punch, so be careful. Also, please don't leave the fence partially down and still connected. Leaving the tape lying on the ground shorting can damage it, causing the wires to burn out over time. If you are not sure how it all works, ask a committee member.

Now finally, I must close with the passing of yet another former Hamilton Model Aero Club member. Grenville (Gren) Thompson

passed away last week aged 77 and although not a member recently, he was certainly a keen modeller and supporter of our club. Grenville was active in the 60's and 70's following mostly free flight, but was regularly seen around the R/C field from time to time as well.. His son Richard has followed in his footsteps and is still actively following R/C Gliding competition. Our condolences go out to the family.

Well that's my lot for another month. Hope to see you at one of the upcoming events or maybe even helping out at the Fundraiser.

Grant.



Grants Thunder Tiger "Ready"

Captains Ramblings

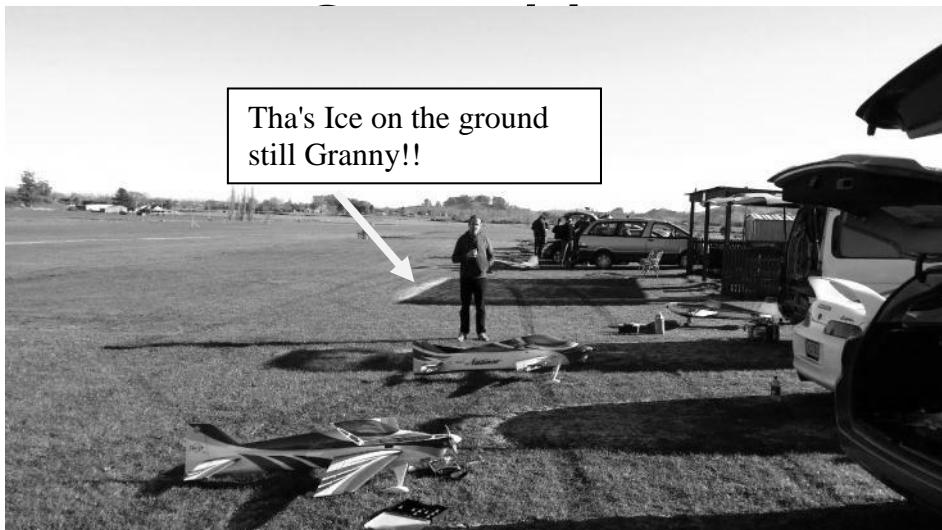
Now into the depths of winter we are into the cycle of some nice winter days during the week followed with rain that seems to randomly hit the weekends. Even with this we have had some stunners recently where it has been good to see the club field being used in higher numbers. Some of you would have noticed the shiny new electric fence tape and thanks for those who had a part in organizing its replacement. It does work and if you have a pacemaker I would recommend in having someone else test if it is working as it bites! Recently I competed at the Cambridge aerobatics which was well attended by both Hamilton and Cambridge members and it was a good, low stress event so well done James. I am sure there will be another so make sure you support the events of our “sister” club as it is an excellent venue and the sausages are not too bad either.

On a completely different note I have noticed quite an increase in large scale activity in our area of the woods and it has been fantastic to see the clubs procedures and letterbox working well. Please also remember to communicate to each other and when you hear/ see large scale activity to either drop low or land (I have seen this being followed well). It is important that we maintain the field and if it means we do a smaller loop or shorter up line then we will. Many would have been following the media’s coverage of the 101 and 102. For us it is business as usual but if you would like to read about this more please type the following into your browser: http://www.caa.govt.nz/Advisory_Circulars/AC101-1.pdf

As usual, happy flying and keep your fingers away from those spinning props.

Mikey
Club Captain

Mid-winter Pattern Cambridge



It's always a case of select a date and hope the weather will play ball when holding a comp in the middle of winter. The weather for the previous two weeks had been average at best and solid rain at worst. As it turned out it was the best day for flying since the Trans Tasman competition in Oz!

Arriving at the field it was white with a blanket of frost, not surprising given it had dropped to -2 degrees over-night and it was dead calm with no wind, a perfect day for flying. Steve and Lyndon had arrived early and were off for practice flights. There had been a large pre-entry in F3A but due to in-law visits it was culled down to just myself so not as much pressure to get underway by 9am. This was a good thing as Aunty who had appointed himself as Sportsman coach and caller wouldn't arrive until closer to 10...

With the entrants set up, judges in place and Aunty finally on site we were underway. Lyndon cracked off first followed by Chris, Steve, Mark, Frank and Foster (who made a great effort by coming down from North Shore to fly). The Flying was close at the top and down the pack. With everybody been new to disciplined flying it was interesting to watch how each of the pilots handled having to “place” their model relative to the centre pole. The outside loop and three horizontal rolls would be the two maneuvers that the pilots struggled with the most. Normally the double stall turn would top the list but all pilots seemed comfortable with it and flew some that were nicely proportioned and executed. With three rounds of Sportsman done it was into 2 rounds of Advanced.

Aunty due to his late arrival and the fact the 140RX hadn't seen fuel in 4 years was given a test fly, it was quite different seeing somebody fly holding a fishing rod...eh...using a long wire transmitter! Graeme was first up and had an engine fail not long after take-off, Mikey was second up and flew some nice maneuvers however rolls in the wrong direction would cost valuable points. Aunty kept the RX at full throttle and bored through the schedule in about three minutes flat but making a nice job of it. Graeme was allowed a second go at his first round and then it was into the second round.

While this was taking place Chris and the Cambridge Club lads had fired up the BBQ, the hot food was gratefully received as while it was fine it was still about 3 degrees and a slight wind had picked up. While scoffing back sausages Aunty held a training/Q&A session with the Sportsman entries which all the pilots found useful.

With lunch done it was back out for a round of Advanced followed by myself putting in two rounds of F3A.

The Sportsman pilots were again back up for a fourth round. Mark had suffered engine issues in the first two rounds so was a DNS. Frank had really taken on board what Aunty had said during the coaching session and his score reflected it. Steve was still struggling with getting the plane to spin but was less hesitant when it came to the three rolls. Foster had had a great start to the day but needed to position a little further out in the last round. Chris had dropped off the pace slightly and Lyndon was still putting in a solid flight.

A big thanks to the Cambridge Club for allowing the Competition to go ahead, due to Hamilton Clubs height restriction it's been a few years since a Pattern competition has been held in the Hamilton area. A big thanks to all those pilots who came out to give it a go (mostly for the first time) in both the Sportsman and Advanced classes, I hope to see you all giving it another go at Pattern comps in the future.



Float planes July

There was much eager anticipation leading up to the day, planes were fettled, batteries charged, fuel mixed & thumbs flexed! The great day finally dawned and Woo Hoo!, brilliantly fine, not a breath of wind....perfect! The “players” soon rolled up and were quickly in the air. Bit of an unforeseen problem with the weather, an evil frost which meant all that thumb flexing was a waste of time because you could not feel them! However things soon warmed up as there was plenty of hot air being given off by some of the pilots...



We were very pleased to see a strong contingent of people from New Plymouth come up for the day. This was a welcome addition

to our numbers and what a fine bunch of blokes, they seemed to be having a great time. Thanks for making the effort guys! They were flying a wide variety of models. A couple being very impressive. One very nice warbird didn't make it off the water but was still great to see something different.



Most of the usual suspects were up to their tricks and the boat was getting a fair old workout with the calm conditions meaning that any stopped models did just that... stopped in the middle of the lake with no wind to bring them to shore.

As always, many thanks to Phil Hall for the fantastic rescue boat service. We cannot do without it! There were a couple of weird crashes meaning some models may never see the air again but overall most got away with a good day. One particular model was seen taxi-ing calmly back to shore minus it's wing, hmm, wonder what went wrong there?

Electric models are also popular but they most certainly do not like getting wet, electrons and water do not make a happy marriage! However at least there is less chance of getting stranded out in the middle because of a temperamental i.c. engine. Overall, it was a fantastic day, when you complain about the sun in your eyes in July things are not too bad are they?

Lots of flying miles done on the day, I burnt nearly 3 litres of fuel through a couple of 40 engines so I must have done a few laps of the lake! Others did the same. Next float plane event is on Sept. 13th. at Lake Kainui (lake D) again, so get those planes prepared and we will do it all again!

Gordon



HMAC Reekers Field

CLOSED

Sunday 30th August

HMAC's Reekers Field will be closed to all model flying activity on Sunday 30th August 2015. This is due to the **fund raising** event below being held on Reekers Farm.

Hence: No vehicle access will be available to our flying site.

Fund Raising Event

Reekers farm is to be used for a *Dirt Drag Motor Sport meeting*. Funds are being raised to support a young neighbour of our club requiring costly Medical Treatment.

Volunteers are being sought from our **HMAC** membership on the day to help with marshalling, spectator parking and spectator control. This is likely to be a sizable event, so anyone who can lend a hand on the day would be greatly appreciated. Plus you will also get to see some pretty crazy exciting motorsport action as well.

Please contact Grant (Hmac Pres) if you are available to help out email auntygrantie@gmail.com or Text 027-2737461

Coming Events

Aug 12th	HMAC Club Night: Aerial Photography from models & Fullsize aircraft plus Hindustan Aeronautics Ltd Museum
Aug 16th	HMAC Club Day – Scale Rally
Aug 29th	MANZ Large Model Rally - Taupo
Aug 30th	Reekers Field Closed!! See bulletin for further details.
Sept 6th	Cambridge MAC & HMAC Combined glider day at CMAC. Gold coin entry & BBQ
Sept 9th	HMAC Club Night. Jeff Hunter talks about the NZ Warbirds Association and Flying Warbirds
Sept 13th	HMAC Float Planes @ Lake D 9am start.

Flight Lines Deadlines 2015

Sept Bulletin – 28 August

Oct Bulletin – 28 Sept

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

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Website: www.hamiltonmac.org.nz