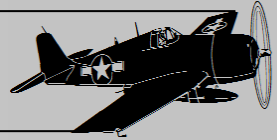


December
2017

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MERRY CHRISTMAS

Cover: Pretty Piper Super Cub – Grant wears out tyres one at a time!

FLIGHT LINES

HAMILTON MODEL AERO CLUB INC.

DECEMBER 2017

www.hamiltonmac.org.nz

PATRON

Graeme Bradley

PRESIDENT	Grant Finlay	027-273-7461
VICE PRESIDENT	Gordon Meads	021-125-2911
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COMMITTEE:

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Lyndon Perry	021-2588506
Sel Melville	027-4823459

WEB SITE	Grant Finlay
CATERER	Collen Tynan

CLUB NIGHT	Wednesday 13 Dec	7.30 pm
VENUE	Beerescourt Bowling Club	
	68a Maeroa Road - Hamilton	

Theme: HMAc Xmas Club Night Meeting - Awards and fun stuff

Club flying day: Xmas BBQ and Funfly - December 10

Bulletin Printing *Compliments of Gallagher*

Presidents Report

Grant

It's official, silly season has begun and none of us are immune to it. But wait I'm not actually talking about Christmas as most of you might think... I'm actually talking about this crazy Thunderstruck weather that we've had over this last week.

On Wednesday night I went flying with the boys, but after two circuits and fearing I might be struck down by lightning, it was a mad dash to throw the model back in the car whilst Gordon attended to the fence. Phew, safe in the car, roll on the show! Nonetheless the 'real' silly season is now upon us, so take care whether you're out flying or heading off to a Xmas party or three.



It's been a busy month all round with a number of events held around our area. Hopefully everybody's had a good fill of flying when the weather's played the game, I know, mostly it hasn't, but at least we gave it a try. I

got to the Armistice Airshow at Ardmore, Float planes at Lake D, Aerotow at galatea, a glider competition and the Christmas BBQ at Cambridge Club, so my month was pretty full.

November's Club night saw an all singing, all dancing, story telling poet & orator presentation from the one and only Malcolm Foster. Malcolm managed to keep us entertained for the best part of the night with a couple of aeroplane shanty's, photo's and video. I must say we really appreciated Malcolms presentations, it's a real shame he no longer flies at our club, but he's always welcome to come back anytime. Novembers club night will be hard one to beat!



December's Club night will be our final evening get together for the year. Everyone is welcome to come along and join in with an evening where I hope you will be suitably entertained with a light hearted wrap up of the year that's been, some awards and more. As in the past, we intend to wind up the last part of the evening with an extended supper, so if you care to bring a plate along to share, then that would be awesome.



November's Club flying event was out at Lake Kainui where the weather didn't really play the game, but we still flew despite the strong tailwinds coming from our backs. A report is included elsewhere. However I feel the highlight of the event was helping Mike O'Grady, one of our many past club presidents celebrate his 80th birthday amongst all those present. It goes to show that the club is more than just about the flying and the friendships we create are just as important over the years. Thanks to all those that contributed to Mikes celebrations and made it a special day for Mike & wife Ann. Mike asked

that I on pass on his sincerest thanks to all.

Our final flying event for the year will be our Christmas BBQ Lunch out at our Reekers flying field. As in past years, the club will be putting on a BBQ for members and supplying meats and soft drinks, tea and coffee. For all those coming out for lunch, we would invite you to bring a plate of salad or dessert to share for this potluck lunch. And don't forget, wives and partners are more than welcome to come along and share in the days events. We will organise some low stress flying events to keep Pilots and guests amused as well. If you have a fold up chair, table, spare chilly bin, Gazebo for shade or other useful item, then please bring them out with you if possible to help us through the day.

Next year the committee hope to increase the number of club events held at our field, all pretty much low key, but looking to promote getting out there and simply having a go, even if the weather is a bit off colour! If you have any ideas for an event let one of the committee know what it is.

That goes equally as well for ideas for Club night too and of course Bulletin articles are always welcome.



Phil Halls alternative aircraft carrier

At this point I would like to take the opportunity to thank Mikey Wilson for his contribution to the Club and Committee and for taking over the role of Bulletin editor for the past year or so. Mikey is leaving us for the fare weather of the Bay of Plenty, but I'm sure he will miss us all. Never fear though, Mikey has promised to return as Quiz Master for our annual quiz night in the middle of next year, so not all is lost to Tauranga. Thanks Mikey, good luck with the new directions. **This of course leaves the bulletin editors job open for the coming year at the AGM.**

Well that's pretty much all I have for this month. I'd like to take this opportunity to wish you all a very Merry and safe Christmas shared with friends and family. At this time I'd like to give a special mention to Jan Reekers and family for their continued support of our club and its activities, a very Merry Xmas to you from us all. Likewise I would like to acknowledge the support from the Farm management of Penxing

farms for helping us get through the winter access issues. We simply couldn't have better people supporting us, so thank you all.

Merry Xmas one and all
Grant

HMAC XMAS BBQ LUNCH

Reekers Flying Field
12pm Sunday December 10th
All members and partners welcome
Meats and Soft Drinks provided

Help share in this potluck lunch with a plate of salad or dessert or other yummy item.

If you have a fold up chair, table, spare chilly bin, gazebo for shade or other useful item, please bring them out with you if possible.

Christmas Club Night

Beerescourt Bowling Club Club Rooms
Wednesday 13th December
7.30pm-10pm
Supper: Please bring a plate if possible

Annual General Meeting

of the Hamilton Model Aero Club Inc.
8pm
Wednesday February 14th 2018
Beerescourt Bowling Club Club Rooms
68A Maeroa Road (behind the tennis pavilion)

Captains Report

Chris

We are finally getting a few events run because the weather is starting to play nice. Not quite the sunny days enjoyed during the week but none the less calm and very flyable. Float plane weekend was very windy as will be reported elsewhere in the newsletter but fingers crossed more calm days to come.



On Saturday I had a few things to get out of the way and could not make the glider meet but got out to the field to test fly the Mustang after adding some nose weight some months back (taken that long to get a nice weekend), Very happy with the result so hoping to take it to Waharoa next weekend (2nd Dec). Also test flew the Spitfire with a new ignition and it too flew well although I have fitted a larger fuel tank and you can guess how I found I needed a bigger tank! Sunday looked to be a similar day to Saturday and after a later than usual start we headed to Cambridge for their Christmas invite fly in. Being late everyone was already well set up and most had flights under their belts already.

Gordon had his Tiger moth, Cosmic wind and Fletcher, Alan had his Fokker and Piper Pawnee, Brad his Fokker and his Acer stick on wheels, Grant his new Cub which has been really clocking up the air time since

he acquired it and even in the wind! He also had his fun flyer and the compulsory Radian. Lyndon had his big red/ yellow Yak and Sel took his 50 size aerobatic model. Phil had his Pawnee I think and Rex his Piper Cub and also a couple of gliders. Warren and Brian Setters had another Cub, (sounds like we should be the Hamilton Cub Club)! From Cambridge Stan had his Cub a Tiger Moth and one of his other Spitfires which was speed clocked at 160 plus, Brendon had a Top Flight 60 size Mustang and an electric Edge (or similar). There were bound to be other flyers I have missed but as you can tell HMAc made up the majority of participants so good work guys.



Cambridge Xmas BBQ

I had decided to take my 32cc Aeroworks Edge (my new – old go to plane) and also my old Bobcat as it had been a while since it had been out. (Also clocked around 140km).

The day was overcast but quite humid and not a lot of wind so good flying was had by all. A couple of dead sticks by Rex and one for Auntie but no other mishaps and we all went home happy to have a day of flying.

Cambridge Soaring Series

Wayne Cartwright and Dave Crook

25 November 2017

This event got Cambridge Soaring off to a good start, with a lot of low-key enjoyable competition flying. There were 13 contestants, including 7 visitors – 4 from Tauranga and 3 from Auckland.

Flying conditions were unusual – a high but dense cloud cover with very little breeze. The air was flat most of the time, with patches of light buoyancy. Stronger lift developed in the afternoon as some of the cloud lifted.



There was insufficient breeze for the bungee launching, so only the ALES classes were flown. There were 12 entries in ALES Radian, 8 in ALES 2M, and 9 in ALES Open. Radars performed well in all three events, but more specialised designs are expected to appear in 2M and Open as the series progresses. Thanks to Cambridge MAC for use of its site.



Dave Crook launching

The next event in the series is on 20 January, with others following on 3 March and 5 May. Be sure to mark those dates on your calendars.

Results	Model	F1	F2	F2	Total
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ALES Radian

1	Grant Finlay	408	402	409	1219
2	Ted Bealing	404	371	404	1179
3	Gordon Meads	355	409	354	1118

ALES 2M

1=	Dave Ackery	OD	407	382	402	1191
1=	Ted Bealing	Radian	382	401	408	1191
3	Aneil Patel	Radian	376	296	407	1079

ALES Open

1	Ted Bealing	Radian	577	622	646	1845
2	Kim Clarke	Radian	580	580	650	1810
3	Rob Morgan	Marabu	574	530	618	1722

Edgar Percival's EP9

Bruce Pickering

Edgar Percival gained his reputation as an aircraft designer after forming the Percival Aircraft Company in 1933. In 1944 he sold the company to the Hunting Group and joined the RAF reserve. Then, in 1954, after spending four months visiting crop-spraying operators in Australia and NZ, Percival designed a general purpose agricultural/utility aircraft, which he believed would have a strong market in Australasia and South Africa.

The roomy cabin behind and below the pilot could be fitted with an agricultural hopper plus seat for the loader-driver, while a utility version offered passenger seating, freight or a patient stretcher, with access via cabin side doors and a large rear door. The rear clam-shell doors were designed to be large enough to load standard wool or hay bales.



According to Percival, bales of hay could be dropped from the rear without impairing handling characteristics.



The prototype made its maiden flight on 21 December 1955. Sales of the E.P.9 did not live up to expectations, with engine overheating problems being experienced in Australia and competition from the Fu-24 and Cessna 180 in New Zealand. Only 21 aircraft were completed before Edgar Percival sold the enterprise to another company.

The second EP9 to fly, ZK-BDP, was obtained in November 1956 by Manawatu Aerial Topdressing Co Ltd in Fielding. Fourteen months later it crashed and was destroyed during an early morning positioning flight when it hit a ridge at Rangiwhia near Palmerston North.

ZK-PWZ, owned by Griffin Ag Air in Palmerston North, operated in England and North Africa, before coming to New Zealand. Today it is flown for display at air shows. Although I got much information from measuring and photographing PWZ, I painted my model in the colours of Manawatu Aerial Topdressing's BDP.



It was not a difficult model to build—I used oregon for the longerons and highly stressed framing around the undercarriage and wing strut connections (this is very tough timber that once provided the material for wooden ladders, so if you can get hold of an old fireman's ladder you can get plenty of strip wood—because it's relatively heavy the cross section dimensions can be reduced while still retaining plenty of strength). The wings are foam skinned with veneer and light weight fibreglass. The cowl and rear clamshell are fibreglass.

Undercarriage legs are spring steel wire; the oleos are aluminium tubing, one inside the other, with a fairly heavy spring to take the load. This result in a fairly soft ride, but it seems to work all right. Wing struts are also aluminium tubing with securely fastened steel end fittings since they are working struts, the wing joining tube being too light to carry the full load. The windscreen was easy, just flat PETG sheet wrapped around, and the side windows are all flat sheet.

How does it fly? Pretty good, actually; ground handling is good and it “sits” right in the air. It doesn’t seem to have any vices—in many ways it feels just like the Fletcher. It certainly is unusual.

Float flying

Gordon

The last float plane day for the year and most were in a state of eager anticipation! However when the day dawned and I shot a look out the window the enthusiasm took a bit of a blow...talking about blowing, well, it sure was.

After the usual “will we, won’t we” phone calls it was off to the lake to test the waters so to speak. Yep, the lake was quite calm but there was a foul offshore wind blowing. Hmm, strange the water is so calm until looking across to the other side of the lake where the wind was hitting it



John Dawkins Calmato

revealed some whitecaps! People started turning up and as we are never ones to shirk a challenge flying commenced.

Having to take off and land coming straight towards you was a new experience for some and once in the air the turbulence off the trees and hill was epic with normally stable aircraft being tossed around willy nilly without any respect for either pilot or plane! It was a bit of a lottery to be able to fly a straight and level path.

However fly we did with Phil's rescue boat getting plenty of business. There were a couple of amazing downwind takeoffs where the planes had no right to ever get into the air but somehow or other they did much to the entertainment and amusement of the spectators! Most of lighter electric aircraft wisely stayed in the back of the car. So, those of us bold or silly enough to have a go in what were frankly atrocious conditions got in a bit of flying which certainly concentrated the mind on the job at hand!



Graeme Bradleys Aces Stik

A highlight was Brad, who was flying an Ace of Sticks which taxied out into the middle and then the motor stopped. The intrepid boatmen then went out with glow starter in hand, restarted the motor and promptly chucked the aircraft back into the water to take off for flight. Great service that!!

So yes, there was some flying done and surprisingly enough there was very little kindling to take home from anyone.

Former club member and friend to all of us, Mike O'Grady had come down for the day and as it was very close to his 80th. Birthday we had a delightful birthday cake and shared lunch for him to mark the occasion. This was very well received by all and many thanks to Colleen for making such a superb cake and all others for all the yummy food. This was really enjoyed on such a cold day when flying was only undertaken when feeling particularly bold or stupid!

Many thanks again to "Phil's rescue boat" service which was invaluable with those conditions.

Now we have a bit of a wait until next year when the madness will recommence.

For Sale:

- Pinocchio Vintage Model, 58 inch Span, ASP 56 Four Stroke Motor, brand new, ready to test fly
- Lake Amphibian Float Plane, 58 inch Span, needs covering and canopy
- Bughl Pup Sesqui Plane, 58 inch Span, needs covering and windscreen & Cowl

Open to reasonable offers

Contact Brad at 07-8467787 or Jack at 078544081



Coming Events

December 2017

- [HMAC Xmas BBQ & Funfly](#)
December 10, 2017 8:00 am - @ HMAC Reekers Field, 231 Collins Road Hamilton
- [HMAC Xmas Club Night Meeting - Awards and fun stuff](#)
December 13, 2017 7:30 pm - @ Beerescourt Bowling Club Club Rooms, 68A Maeroa Road (behind the tennis pavilion)
- [Pattern Aerobatics Competition](#)
December 16, 2017 - @ JR Airsail Airfield, 299 Native Rd, Pukekawa
- [RC Pylon Racing Series - Xmas BBQ & Team Trial](#)
December 17, 2017 - @ JR Airsail Airfield, 299 Native Rd, Pukekawa

January 2018

[Model Flying NZ National Championships](#)

January 2, 2018 - January 7, 2018 @ Claireville showgrounds, Carterton, Wairarapa.

- [Cambridge Soaring Series: ALES and Bungee/Winch Competitions, with Sport Flying](#)
January 20, 2018 10:00 am - @ Cambridge MAC, 191 Maungakawa Road (Opposite letter box 188)

Flight Lines Deadlines 2018

February Bulletin – 1 st Feb 2018

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

Official newsletter of the
Hamilton Model Aero Club Inc.
P.O. Box 1333, Hamilton

Website: www.hamiltonmac.org.nz