



Christmas edition

Well , it's that time of the year already. With a bit of luck there will be some "flying" items under the tree, even if you had to buy them yourself. (that reminds me , I have ordered a couple of models) should be due early January. Watch this space ...

It has been a busy year, and one that, if you are a weekend flyer, will be remembered as being very windy, especially during the latter part .

Your committee has been busy as well and I'd like to thank all of the committee for the effort that they have put in during the year, especially our President Steve. Our licence application has been a marathon struggle but Steve has managed it like a true athlete.

I'd also like to thank the maintenance crew that keep the facilities as you find them. These guys put in plenty of hours, often sacrificing flying time to ensure that the strip is in good condition.

Club nights have generally been well attended, it would be good to see a few more faces, so think about it in the new year. The next club night will be in February 2019. Thanks to those that have done presentations or brought along a model to show members what they have been up to, it all adds up to a great evening. The Kotare room is a great venue, and a lot more comfortable than the previous premises.

Just noted when I was last at the strip... my glove featured in last month's newsletter and I still haven't got there to collect it yet. Better get onto that before I get charged a storage fee!.

From the desk of the Prez.

Well it's the last newsletter for the year and quite a successful one it has been too. Our final Club Night of the year was different and I certainly have to thank John Miller for sharing his collection of very old tradesmen's tools. Some of them were quite special. It's always good to be able to look at different things. I would like to say thanks for those that came early to the November Silver Fox BBQ and helped us clean up underneath the club house. We only did this about 3 years ago, but it's amazing how quickly odds and sods get 'stored' there again. It certainly looks much tidier now.

Thanks to those who were able to attend the Xmas dinner.
Best turnout ever I believe for such an event.

I would like to take this opportunity to thank members for their contributions throughout the year. I would also like to give a firm nudge to those that keep saying they'll come down 'one day'.
Make that day soon.
With some of you, I've been having that conversation for some years.

Hopefully, the summer season will see some good flying weather.

Enjoy Xmas and New Year.
I'll see you at the strip.

Rally.

The rally is locked in and organised.
I will be looking, though, for somebody to take on the job of publicity.
We will have all the posters, it's just getting things to the local newspapers, notice boards, radio station etc.

Pilot Pete will again be on site – this time with his new mobile shop - but at this time, only for the Saturday.

LMANZ Rally.

A few years ago we hosted a Large Model rally at the end of January.
We will be doing so again at the end of January 2019. Jan 26th and 27th.
We will be providing a BBQ and a few things and will need some help over the weekend.
For this rally, the Sunday will be open to all club members to have a normal club day and mix in with our guests.
If the weather is kind, should be a great weekend.
More info closer to the time.

Video for QEP.

As mentioned in club notices a week or so back, we participated in the filming of activities across the park for the making by GWRC of a promotional video for their summer programme.

Our rally always features as part of that. I believe the days filming was very successful.
A few photos forwarded to me from our segment below.

Steve



Novembers Club Night... by John Miller

The evening opened with President Steve updating members on items of interest, including recent discussions and information regarding QE park, from the GWRC.

The floor was then handed over to John M. who brought to the meeting a heavy box containing craftsman woodworking tools relating to the Carpentry / Joinery trade . This box and most of its contents had been handed down thru several generations of his family and travelled with them when they sailed to N.Z .from England in 1957. The range of tools explained and displayed include :- Bow saw, marking gauges, mortice chisels, many moulding planes, various ploughs , rabbitt and shoulder planes , and various other hand tools. Club members were impressed with the craftsmanship that had gone into making some of the planes. Trades people in the modern era use routers, spindle moulders, electric planers etc to create various timber profiles and timber jointing.

This was our clubs final meeting for 2018 , and Steve formatted together with music a slide / video show of photos contributed by members depicting our year in aviation at our amazing flying field.
The evening concluded with a cup of beverage and Xmas cake kindly made by Our Presidents wife Cath.

Merry Xmas to you all .
John

The Kapiti Vintagents... by Warner Summerton.

This month our vintage flying day was postponed due to weather but we succeeded the following week with a suitable day. The events were slated for late afternoon to allow the forecast breezes to abate however pressure was applied to begin a little earlier which lead to some incidents with planes being difficult to control on takeoff in the prevailing Westerly crosswind. The fence along the Eastern runway also came into play. We also witnessed a spectacular wall-of-death performance as a certain gent flew past the flight box fence wingtip scraping the ground at 90 degrees instantly attracting the attention of those participants occupying said flight box. Advice was freely given as to acceptable etiquette to be observed in the pursuit of personal safety. However the conditions improved steadily as the evening approached at which John Miller launched his Buzzard Bombshell in Ideal conditions to record the winning score for the day. Unfortunately Bob McGrath had to leave as it was getting a bit late for him but he informs me he is girding his loins in preparation for the December event which is scheduled for Thursday 6th. Let's hope the weather cooperates.

Results of November Vintagents meet 13th Nov.18

Ed's note: This is the Christmas puzzle!. Warner sent these results and I can't work out the formatting for them, and as I usually leave everything to the last minute , I have inserted as received. What I did work out is that John Miller looks like the Champion of the month...

RND 1	time	ldg	RND
2	RND 3		
SCORE		AIRCRAFT	

Warner Summerton	2;59	0	3;09 0	2;57
20	547	2ND	Playboy Senior	

Terry Beaumont	3;01	0	3;29 0
3;02	0 508	4TH	Mercury

Ian Crosland	3;09	2 0	2;37 0
3;19	0 539	3RD.	Cross Word [modified Simplex]

John Miller	2;59	0 3:03	20
3;12	20 564	1ST	Buzzard Bombshell.

So this month's gent of the month is That dashing & debonair Buzzard of the airways John Miller.

WGS.

How to find motor kV value... by Bob McGrath

Having recently acquired a few second-hand, pre-loved or just plain unwanted electric motors I have been trying to use them in various models. As early attempts to use these motors led to some spectacularly over, or under, powered models I thought it wise to at least attempt to do things properly. This led to the problem of which prop to select for the particular airframe and hence the need to find the kV value for the motors, many of which were missing the data sheets or had not identifiable markings on them.

After delving into the matter with those who are more expert than I am it was determined that I should buy a kV meter, or an oscilloscope or some other complicated gizmo. Unnecessary expense just annoys me so I set out to find a cheap alternative ... here it is!

Grab your battery-powered electric drill and connect it to the motor shaft. Connect a multi-meter to any 2 of the motor leads ensuring that the meter is set to AC voltage. Spin the motor and measure the output voltage as accurately as possible (the motor is acting as a generator) and the r.p.m. using a standard rev counter.

Put the numbers you measured into the formula below and bingo! You have the kV for the motor. This is a little approximate but is a cheap and quick way of finding kV that is good enough for most purpose.

$$kV = \frac{rpm}{voltage \times 1.41 \times 0.95}$$

In case you are wondering about the constants, 1.41 compensates for the fact that the measured voltage is the rms (root mean square) value and the 0.95 is a fiddle factor that converts theoretical motor performance to actual performance, a proxy for efficiency if you like.

So!! What's going on in your shed? ... Words by Ian Crosland, Photos by Alastair Rivers

Two workshop visits this month for Alastair and Ian:- First to John Miller and the second to Steve Hutchison.

John Miller's garage and work shop.

John started building and flying control line and free flight in his teens at Tauranga until other life priorities took over. Some 35 years ago along with his son he got back into it joining the Tauranga club and it was Mike Briggs who encouraged him to fly radio. John and Noelene moved to Paraparaumu five years ago and he joined our club. John has done a lot for the club with working bees, teaching new members to fly and a great promoter to the hobby [and he didn't want me to mention that, but I have]. Half of his double garage is his workshop and hanger housing a broad selection of models from little foamies to a large Greenly glider tug. As well as the 44" Tomboy, some of us have built or are building the larger competition vintage models. As a photo shows, John has almost completed the frame of a 88" Tomboy which along with two others in the club, will be electric. He recently completed a Buzzard Bomb Shell powered with an OS 52 which has done well in competitions so the new Tomboy will give him the choice of IC or electric.





Steve Hutchison's Garage and work shop.

Steve started with the hobby in 1959 flying control line at Victory park in Island Bay and later at Wakefield and Martin Luckie parks. His first motor was a 1.5cc DC Sabre and he thinks his first plane was a Bouncer. In the early 1970s along with his planes he moved to Hamilton then back to Wellington and later Auckland. In 2011 he started flying radio with a PT 40 which he still has. He joined the Auckland Roskill Aeromodellers which is now known as Highbrook and he also raced cars, [full size not models] and still had one when he a Cath moved to Paraparaumu 4 1/2 years ago. His enthusiasm preceded him from Auckland and it wasn't long before he was elected president of our club. Steve's double garage can fit two cars as well as his work bench and range of modes from the smaller tomboy to a large Smith Mini Plane purchased half completed from John Ellison. Steve's workmanship is of a high standard and noted some boxed kits on a shelf ready to be made up.



Club Xmas dinner.

The club Xmas dinner was held on Sat night 24th at the 180 deg Café and Bistro in Paraparaumu. This was the venue for our rally dinner earlier in the year. It turned out to be a great venue then and again, for Saturday night, worked well.

We initially had some 38 on the list of attendees, but with a few late withdrawals, 34 members, wives and partners enjoyed a very convivial evening out.

Food was great as was the service, and by everybody paying as we went, we avoided the issues that have occurred in the past of the last one out picks up the tab for things not paid by others.

The size of the place works well for a group around this size and a bit more, and we basically had the place to ourselves.

Best of all, the 'band' didn't start up to interrupt conversation.

Everybody was asked to write their name against a luck dip raffle sheet and 5 numbers were drawn.

Each winner was able to take a lucky dip. There were 5 prize draws ranging from a Harry Potter wand to a Aircraft magazine.

All numbers then went back in the hat for the 'Presidents' prize which was a bottle of red wine. This was one by Colin Taylor who immediately donated it back.

A great night enjoyed by all.

Hope to see more at our next dinner.

Steve

Club Rally :

Seeing that this is such a great ad , thought I'd feature it again. Had it last month's edition , but for those that hit "delete" , either before , or after reading the newsletter and then forget what weekend it is ... here is another reminder.



Kapiti Aeromodellers' Club
ANNUAL RALLY
SAT 9TH & SUN 10TH MARCH 2019

All aircraft and pilots welcome
MFNZ wings badge required
\$10 landing fee.

COME & FLY WITH US!

- Glider tows - Aerobatics
- Scale - Helicopters - Jets

Prizes, Barbecue,
Family Picnic opportunity,
Free entry for spectators

Queen Elizabeth Park - MacKay's Crossing
For details contact Steve Hutchison 021 644 595 or Don Lynn 021 366 393
or check our website www.kapitiaeromodellersclub.org.nz

Pilot Pete will again be on site – this time with his new mobile shop - looks like only for the Saturday. So raid the piggy bank and stock up with items for the new year.

And ... that pretty much wraps up the year. Thanks to everyone that has sent me articles and photos throughout the year it all helps.

Wishing you all a very blessed Christmas and prosperous New Year. If you are travelling please take care, take breaks and stay alert.

And let's hope for some good flying weather .

Till next time.

Fly hard... land soft.

Cheers
Don

