



RNZAF showing off their new Texan 2 turboprop trainers at the Classic Flyers Airshow, Tauranga 20 January. These would make a great semi scale aerobatic model.

Reminder – AGM on 4th April

Our 72nd AGM will be held in place of the normal club night. Did you know that we are one of the oldest clubs in Tauranga, being formed back in 1946? By now you should all have received papers and proxy voting forms. There are no contentious remits and the current committee have all ‘volunteered’ to continue their roles for the 2018/19 year.

The last 24 months have been very busy for the committee and serious improvements have been made to club facilities through the following projects:

- Fundraising of \$23,000 from various pub charities. (Yep – just keep shovelling cash into those pokies folks).
- Purchase of new mower
- Outfitting and installation of amenities container – complete with toilet facilities
- Regrading and reseeding the runways
- Construction of a roller
- Mulching of the outfield
- Gateway drainage project



Projects currently in hand are to disc and seed the newly mulched outfield area, and to dispose of surplus assets.

The AGM is a good opportunity to voice your ideas for priorities for the incoming committee. Please attend, meet your fellow flyers and have your say.

Club and MFNZ Fees

These were due by 31st March. **If you have not yet paid you are not insured.** Those unpaid will be sent a reminder email and must not fly until their fees are paid. Unfortunately, there is no leeway in this. If the club condones your continuing to fly, the risks will fall on the club. If you continue to fly despite having been advised by the club, any risks will fall on the individual. No one wants a claim for a \$2 million forest fire event. If you haven't paid your sub you will not be able to vote at the AGM.

Coming Events

- Tauranga Model Aircraft Club AGM – Wednesday 4 April
- Visit by Gyro Club - Saturday April 7th. We expect 3-6 machines to come. Free rides on a ballot basis, BBQ.
- TMAC Auction – Sunday 17th June. Time to clear out the spare room.
- MFNZ AGM 21st July, Wellington. Who will be the new President ?



Loop and Roll competition

Anyone can do this – get your photo on the Aerobatics SIG website and possibly win a 62" span (that's 1.5m to the dimensionally enlightened) Acuity model from AJ Aircraft.



LOOP ROLL WIN COMPETITION

WE WANT YOU!! WE'LL A PHOTO OF YOU AND YOUR MODEL AT LEAST

This could not be easier! Take your model, do a loop and a roll (in any order!) and after you land send us a selfie of you and your model together with your name and contact details. Your picture will be posted on the Aerobatics SIG website and each accepted picture will put you in the draw for a chance to win the awesome prize of an AJ Aircraft 62" Acuity, Castle Creations Talon ESC and 4x Savox 1251mg servos!





The prizes have been kindly donated to assist the Aerobatic SIG in promoting and developing RC aerobatic flying in New Zealand. Our sponsors are: Andrew Jesky Aircraft, HOT Ltd and Galloway Enterprises.

Please email your photos to looprollwin@nzrcaa.co.nz
The competition winner will be drawn at the next Nationals Aerobatic AGM.

- One complying entry = 1 chance to win.
- Be sure to have completed at least a loop and roll before emailing in the picture of you and your model.
- One model can be used by multiple pilots
- One pilot can send in multiple entries with different models
- The Aerobatics SIG may use the photos to promote aerobatics in NZ
- The winner need not attend the 2019 AGM, but would be great if they did!
- The winner will be notified by return email.





Poooooh

Thanks to Gary Powell for cleaning up the toilet in the amenities container. He has provided a supply of toilet rolls, a loo brush, cleaner and a towel. Please look after this facility and clean up after you have used it. Everyone poos but nobody wants to clean up someone else's mess. Now that you have the tools to keep it tidy, clean, and hygienic please use them.

Also – if you are using the toilet, please check that the switch for the water pump is turned on, otherwise the tank will not refill. The switch is located in front of the sink unit in the kitchen area. Thanks again to Gary who repaired a leak in our pressure plumbing. No thanks to the member who ignored a 'don't use' sign and left a big present for Gary when he did the repair.



Links of a general Aviation nature

- How many modellers get a chance to build and fly a Bill Hempell 60% scale super cub, fitted with a turboprop motor and with a mission to “simulating autonomous collision avoidance and towing a mobile rocket launch platform”. I wonder who wrote that business case?
https://www.nasa.gov/centers/armstrong/features/microcub_first_flight.html
- Life as a bush pilot <https://www.facebook.com/matadornetwork/videos/10155940419409394/>
- Model plane flies the Atlantic (2003) : <https://www.sciencenewsforstudents.org/article/model-plane-flies-atlantic>

Preflight checklist.

Over the time I have been with the club I have observed several incidents (including my own) where a model has crashed as a result of a simple problem that ~~could~~ should have been identified prior to take off. Some examples include :

- Rearward CG – the plane was barely controllable and required considerable stick fighting to get it back over the airstrip followed by a crash landing.
- Wings coming apart in mid flight.
- Canopies disappearing in flight
- Mufflers falling off in flight causing a deadstick.
- Wheel falling off in flight resulting in a damage on landing.
- Engine not being able to be shut off in pits. It was final stopped with a rag in the prop – a dangerous practice.
- Engines backfiring and shedding the prop.
- Servos becoming unplugged in flight.
- Flyaways from loss of radio after takeoff.
- Servos reversed
- Radio dropout through flat batteries.
- Problem engines that will not start, idle, or go to full power.

We've all done it, so no need to name names, and have gone home feeling a little sheepish..

To give you some chance of preventing similar occurrences a pre-flight check list has been put on the website. This is not necessarily a complete list and some models may have specific complications to be checked out before take-off. Download the checklist and inspect your plane before you leave for flying.

More tractors

The contractors are back again. This time they are root raking the outfield area, followed by disking and seed sowing. The intention is that the outfield area will grow a crop of grass which can be harvested once or twice a year and sold as balage. While we do not expect to make huge amounts of money through this, it will enable the club to avoid the costs of maintaining the outfield.



New Members

We have two new members this month – Bruce Liddle and Moe de Rosemont.

Bruce has been flying RC since 1979, gave up for a while when house and kids came along but started again in 2003 when he joined North Shore Model Aero Club. He is very interested in aerodynamics, and has read many

books and done much research on the subject...” it’s just fascinating stuff.”. Bruce likes to design and build his own aircraft, version 3 of his pattern ship is currently in service, “version 4 still building in my head” and will hit the bench very soon. A “Members Profile” on Bruce was published in the June 2016 Model Flying World, where he talked about his work on boundary layer control to prevent stalling, and his use of Paulonia wood in construction.

Moe is a multirotor flyer and is yet to get his wings. All you multirotor flyers please take note and give Moe support on his journey.

Fire Risk Information

We have recently updated our site flying rules and included a provision that jets can only fly when the fire risk is low or moderate. Our jet flyer members have asked if the status of TECT Park fire risk could be made available on line. This was discussed at the recent TECT Users Group meeting and we were advised that this information is available on the weather station site. It’s a little obscure but if you go to “Daily FWI”, the ratings for TECT Park are given in the Central North Island list. The codes are:-

L = Low M = Medium H = High V = Very High E = Extreme



Support your Councils



Both Tauranga City and Western Bay of Plenty Council have recently released their long term plans. Built into these are plans to install a cell phone tower at TECT Park. The plan is that each of TCC and WBOPDC will contribute \$125,000, and with a further \$250,000 coming from the national communications development budget. The tower will provide open access to all of the cellular network providers. This could be a hotly debated issue with ratepayers lobbying for the money to be spent elsewhere. Have your say and make a submission in support of this project. You can see the plans at:-

1. TCC – Submissions Close 16/04/18

https://www.tauranga.govt.nz/Portals/0/data/council/long_term_plans/2018_2028/files/groups.pdf - Page 131

This is the link to the online Submission Form:

<https://www.tauranga.govt.nz/council/council-documents/long-term-plans/long-term-plan-2018-2028/long-term-plan-submission-form>

2. WBOPDC – Submissions Close 04/05/18

<http://www.westernbay.govt.nz/our-council/council-publications/LongTermPlan2018-2028/Pages/default.aspx> - Building Communities/Recreation and Leisure – Page 11

To have your say/make a submission for WBOPDC, you need to scroll to the bottom and select “*have your say*”, then scroll down to the green/blue box “Mayor’s Message/4 Ticks for the Future of Western Bay”. You will need to register and complete the Feedback Form/Submission.

That’s all for this month folks. This edition is somewhat thin as I have been away and there has been a dearth of contributions. Please send me photos and gossip of what you have been up to. Fly safe and may your landings be gentle.

Dave Marriott - editor

