

Last month's Club Night



Pete Leaver took us on a tour of the Tauranga Gliding Club hangars. Pictured are members inspecting the Pipistrel “Taurus”. This is a two seat high performance glider fitted with propulsion pack enabling ground take off. Uses carbon fibre composite technology and very high quality of workmanship. Pete demonstrated the power pack deployment and retract system. The machine is also fitted with a rocket parachute emergency system (which we had to take Pete’s word for. He was reluctant to demonstrate this bit.)

Pete also spoke about his company Hangar One, which is a locally based model aircraft internet business, and demonstrated his latest range of short form laser cut kits. Many of these are time tested classic models which are no longer in production. These work out no more expensive than buying the wood yourself and the quality of the laser cut fit is outstanding.

For more information check out <http://www.hangarone.co.nz/>

TMAC Open Day

Lousy weather largely curtailed this event. A few stalwarts turned up and huddled together in the day shelter solving the world’s problems between showers.

Rotorua open day

Four TMAC members attended the Rotorua club open day. Some very impressive flying including jets, aerobatic scale and disco launched gliders, but some reluctance to deal with gusty and turbulent conditions. Our Rob Morgan gave an impressive display of control line (slow) combat – until he clipped the grass.

Coming Events

- **TMAC AGM** – this will be on April 5th in place of the normal club night. If you can’t attend, please provide a proxy vote
- **Auckland Soar Radian Challenge** – potentially April 7th/8th - talk to Bill de Renzy if interested.
- **TMAC Auction** – June 18th. Its time to start sorting out all those surplus planes for sale, and to start loading up the piggybank for purchases

Committee Nominees and Summary CVs

Please come to the Club AGM this Wednesday and have your say.

Its your best opportunity to raise any issues on how the club is run and to propose new projects for the incoming committee to consider.



"Whew! That was close!
We almost decided something!"

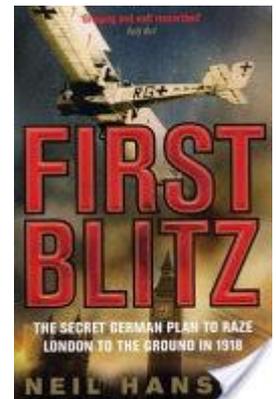
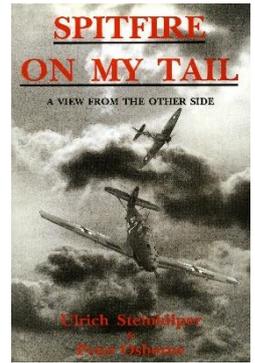
Who are those guys ?

Candidate	Standing for	Summary
Tony Christiansen	Returning past president Standing for election as President	Tony is a long time petrolhead and drives anything that makes smoke fire and noise – drag cars, off roaders, motorcycles etc. He has recently rekindled his interests in model aircraft especially gliders, where you may have met him organising Radian events. He is a past president of TMAC and a former TCC Councillor. Tony travels widely and is well known internationally as a motivational speaker.
Mark Sibley	Vice President Retiring by rotation standing for re-election as Vice President	Mark has been a member of TMAC for 5 years and has spent 3 on the committee. His aeromodelling interests are in large sports scale – 50cc and upwards. Also a keen Radian flyer. Mark's background is in civil engineering project management. Marks says that his experience on the committee gives him a great sense of achievement.
Roger Peddle	Treasurer Standing for re-election	Roger has been with TMAC for 3 years and has held the role of Treasurer almost since that date. He flies a wide range of models – Power IC, helicopters, a quadcopter and more recently the gentlemanly art of Radian flying. In his previous life Roger has been a farmer – livestock and kiwifruit, and a financial advisor. He is currently building a 55cc 25% Pawnee. In addition to his role as Treasurer, Roger also looks after the mowing roster.
Gary Powell	General committee Coopted 2016/7 – standing for election	Gary is an ex Policeman, now turned kiwifruit farmer. He has a range of practical skills from wielding large hammers to the intricacies of microelectronics. In addition to his interests in model aviation, he is an avid amateur radio enthusiast. Also on the mowing roster
Warren King	General Committee New nomination	Career in wholesale fabric industry, In early years flew many categories of model aircraft including RC aerobatics, pylon and slope soaring. Now getting back into modelling with a Radian glider. Other interests include restoring antique motorcycles and building a flight simulator using 4 linked computers. Another member of the mowing roster
Bill de Renzy	President Retiring by rotation Standing for re-election to General Committee	Bill has been a member of TMAC for 26 years, a committee member for 20 years, and has served 4 terms as President. His career background is airforce and private sector engineering experience backed by a post graduate diploma in business management. Bill started the NZ Aero Tow group in 2005, and has several 6m span gliders. He is currently building a 3.3m span 30% Pawnee tow plane.
Dave Marriott	Secretary Coopted 2016/7 – standing for election	Has built model aircraft since 1960's. Previous member of Gisborne, Levin and Kapiti Clubs. Has returned to the hobby in the last 10 years and now at a learner RC stage. Builds all aircraft from scratch with a particular interest in motors. Now semi retired, working 2+ days a week in a consulting engineering practice. Career includes extensive board and governance roles. Current interests also include waveski surfing, assisting at Classic Flyers, and home projects. In addition to general secretarial duties Dave looks after the club's website, fundraising and newsletter and is on the mowing crew.
This space reserved for YOU	Room for 2 more committee members	What can you do for your club ??

What I've been reading

Do you enjoy true stories of aviation figureheads and milestones? The following from my bookshelf:-

- **"A Spitfire on my tail"** by [Ulrich Steinhilper](#). (2004 Crecy Publishing). Steinhilper flew 150 missions in a Me/Bf 109, before finally baling out over Britain following an engine failure. Very interesting descriptions of techniques used to gain maximum height without a constant speed propeller.
- **"The Big Show"** by **Pierre Clostermann**. (1951 Chatto and Windus, London). Clostermann was a pilot for the Free French Air Force between 1942 and 1945. He initially flew Spitfires and later Typhoons and Tempests. This book is taken directly from his diary and describes in scary detail the endless missions, combat fatigue, and close encounters.
- **"Failure is not an Option"** by **Gene Kranz**. (2000 Simon and Schuster, New York). Kranz was the NASA mission controller for the ill-fated Apollo 13 mission.
- **"The First and the Last"** by **Adolf Galland**. (1954 Henry Holt and Co, Buchaneer Books, New York). Galland was in charge of German fighter forces in the European theatre and achieved notoriety when he asked Goering for "a squadron of Spitfires". Following his demotion he led the Me 262 fighter effort.
- **"Fighter General"** by **Toliver Constable**. (1990 Ampress Publishing, Berryville). This is a biography of Adolph Galland including his experiences after the war in advising the Argentinian airforce.
- **"Wings on my Sleeve"** by **Eric 'Winkle' Brown**. (2006 Phoenix paperback). Winkle has the distinction of having flown more aircraft types (457) than any other pilot. He started as a fleet air arm pilot, but towards the end of the war was assigned as test pilot for captured Axis aircraft including Dornier 335, Me 262, and Me 163 (Komet).
- **"Charles Kingsford Smith"** by **Peter Fitzsimmons**. This traces the life of the Australian pioneer including his flight from USA to Australia in 1919 and the formation of Qantas in 1921.
- **"First Blitz"** by **Neil Hanson**. (Doubleday Transworld 2008). This tells the story of raids by German Gotha bombers in the first world war. The Gotha was a huge 4 engine biplane capable of carrying 2000Kg of "Elektron" incendiaries. The aircraft had a walkway across the wing between the fuselage and engine nacelle so that the engineer could service the engines in mid flight !



Look after your hearing

A few years ago I was in a noisy bar in Victoria, Vancouver Island, and I couldn't understand a word that was being said across the table. I could see their lips moving but had no idea what they were saying. I subsequently had my ears tested and all was OK. However, I have often noticed difficulty in understanding speech in noisy environments.

Just recently I read a medical paper which described increasing evidence that high noise environments can damage the ear such that while you can make out individual tones (and hence pass a hearing test), the ability to pass complex information to the brain can be compromised. One effect being a difficulty in understanding speech in noisy environments.

The message is to look after your ears – wear hearing protection if you are operating noisy machinery (workshop tools or IC engines) .



TECT Park Users Group Meeting

Your V.P. and Secretary attended a meeting in the WBOPDC Council chambers. This was convened by WBOPDC and TECT Park administration and is a regular forum to discuss new initiatives in the park and to keep an update on what other groups are doing.

Some key takeaways:-

- Signage is still an issue. This has been brought to the Ranger's attention
- The road to the shooting ranges is to be sealed

- We have a new neighbour. The BOP Paintball club will be establishing on the corner site at the Northern end of our runway. This is not guys in camo creeping through the jungle. This is a formal international standard game on a mown soccer pitch size ground, with inflatable obstacles - pyramids, cubes etc.
- Some of the Park's groups operate at night. While CAA forbid night flying, this does mean we will have access at least until dusk.
- There was a substantial discussion on fire response. There are no fire fighting facilities at TECT Park, other than stashes of 1 cubic meter cubes around the park. The general rule is that if you cannot contain a fire, dial 111.

TECT funds recipients' presentation



During the month your Secretary attended a function held by TECT, who have given us funding towards outfitting the container. Chairman Bill Holland talked about the origins of TECT and described how it exists to benefit the community of Tauranga. This round TECT distributed \$1.1 million, the majority of which went to schools, social and welfare services. The largest grant was in excess of \$250,000 and the smallest

around \$2000. Various recipients of funds were invited to talk about their organisation and what the funds would be used for. It was quite moving and inspirational to hear these highly motivated and passionate people talk about what they do.

After the function I had a long chat to various members of the TECT team and was welcomed as being a member of the TECT family. We are seen as a well-run and worthy organisation and will be able to submit applications for further funding at annual intervals.

If you are not already a Trustpower customer, then it is suggested that you switch over to enable the benefits of your power bill to flow back into our local community. Thanks TECT.

Cellphone interfering with 2.4GHz systems ?

Last month we discussed the possibility of mobile phones interfering with 2.4GHz systems. While of concern there was no direct evidence of a problem. The following response from Scott Spooner may help advance the discussion. (Scott is our local regional delegate and is involved in a commercial venture producing RPVs or "drones".)

" When I was in America flying at Weldon I spoke with Alan Carconie (an RF guy) and he would always bring his spectrum analyzer to the field and go around checking peoples cellphones were set to flight mode. the main problem is not the "cell phone" itself as it broadcasts on frequencies well away from 2.4ghz. but most cellphones these days have WIFI routers built into them and these are on 2.4ghz and continually poll the surrounding, our radios are very unlikely to be effected by this, but a cheap Rx could have a few packet losses, esp in the pitts, this could be an issue if failsafe's aren't correctly set when a cellphone is close... still pretty unlikely but possible. I know higher power wifi routers (like the type for your home or work wifi) can certainly cause issues even with frequency hopping radios, as i've tested this at work. "

So the best advice still seems to be – leave your phone in the car, turn it off or set to flight mode.

Model SE5A aircraft needed

Classic Flyers has a working miniature Wolseley Aero Engine on display from the Bill Janes collection. This type of engine was fitted into the Royal Aircraft Factory SE5a fighter used by the Royal Flying Corps during World War 1. They would like to be able to display a model of the Royal Aircraft Factory SE5a Fighter alongside the engine but have hunted high and low through their collection and cannot find an example of this aircraft that they could display.



Does anyone have a model of the Royal Aircraft Factory SE5a that they would like to donate to Classic Flyers so that it would complement the Wolseley aero engine model and help bring the story to life? If you can help please contact Garry or Sandra ph 07-5724000

Links about Things with Wings

- Transpower using a drone for out of visual range activities. It's a big machine.
<https://www.suasnews.com/2017/02/transpower-conduct-new-zealands-first-beyond-line-sight-drone-flight/>.
- Indoor flying with a difference ?
https://www.youtube.com/embed/ru_kwBi5CFQ?feature=player_detailpage

Sorry if this month's edition sounds like an extract from Marriott's diary - This is easily fixed - please send me some contributions.

Dave Marriott - Editor

