



### Wigram RNZAF Museum – well worth a visit.

Most of the aircraft have been immaculately restored – an impressive display in an impressive building.

(This month's newsletter is a little shorter than normal as Andy and the entire editorial team have been down the South Island for a break).

### Tauranga Radian competition (contributed by Rob Morgan)

We had a short notice Radian comp Sunday 16th August .

4 hardy souls were there amid only 1 other sport flyer (everyone else must have worn themselves out on Saturday). It was decided to have 3x 7 minute rounds. Geoff deciding to brighten things up with a multi lit example in many neon colours !.

Others participating were Bruce Clarke , Richard Thompson and Rob Morgan .

R 1 - Richard led the way with a near perfect 7 min flight , Bruce close behind and Rob lagging a bit , Geoff miscalculating, and the extra weight of the lights ( and large battery ) took its toll .

R2 - Richard again just 2 seconds off having stolen Robs thermal, but Rob pipped him with a perfect 7 min dead and full landing score , Bruce again close and geoff lighting things up.

R3 - Richard again gaining good points Bruce second Rob 3rd and geoff close behind.

So Richard outclassed us all , Bruce 2nd , Rob 3rd , Geoff 4th .

It was decided that an all up / last down flyoff was to follow. Well that was a 1 trick pony ! Richard was still flying after 30 ++ minutes , the rest of us had stopped for afternoon tea !

A good afternoons flying in excellent 5kph breeze, Where were you all ?

### F5J Hawkes Bay champs and NZ Team trials (contributed by Rob Morgan)



TMAC club members Rob Morgan , Bruce Clarke and Tony Christensen, travelled down to Hawkes Bay for the event , to be greeted with great weather.

The event started well for Rob just finishing 2nd to Jo Wurtz in heat 1 (Slippery slope downhill from there!) .Bruce and Tony putting in solid scores. As the event moved on Bruce put in 3x 1000 point scores and was in the running for an excellent place,

At the end of day 1 Bruce was lying in 3 spot overall, only bettered by multiple world gliding champ Jo Wurtz and NZ team member Kevin Botherway. Rob and Tony were in 9th and 7th .

Day 2 and the weather was even better with low wind, sunny skies and a temp up to 22 degrees.

Bruce continued his good form putting in more top scores, but 1 dropper which proved crucial. Tony decided to fry his receiver and continued with his

back up Radian, putting in 1 x10 score and beating multi \$\$\$ models in the process .

So the end result was Bruce finishing in 4th overall Rob in 9th and Tony 10th .

An excellent event enjoyed by all .

## Clubnight September

September's meeting was held at Classic Flyers. Mike Briggs gave a presentation on his role in supporting Frazer through 7 USA aerobatics championships. Mike showed a film "Pretty Bloody Good" which documented the build of 3m wingspan model with 120-180cc twin cylinder 3W motors. The models were built with fibreglass skinned, foam core wings, and fibreglass fuselages. At the time, this construction technique was seen as innovative, resulting in a model which while extremely strong, was also lightweight. The video covered the making of a buck, mould, vacuum bagging and other processes, as well as video of Frazer flying..

## Club Stuff

**Rabbit Control** – TECT have engaged the services of Envirotech Initiatives to carry out a rabbit control programme on our site. They are planning to use bait mats. These are simply 1m<sup>2</sup> weed mats with a draw string so the baits can be removed when necessary. This technique has been proven successful as the rabbits are more comfortable eating off them. Please keep clear of the mats as your scent can make the rabbits lose interest.

**MFNZ Membership cards** – Most of you will have received your cards, but we still have a number to give out. If you are yet to receive your card, these are in individually named envelopes in the club house.

**Pig control** – with more human presence in the park following the lockdown, and with an active trapping programme, the frequency of pig damage has declined. If you see any pig rutting please replace the turf and roll down with your car tyres. The Committee has evaluated extending the electric fence to completely encircle our developed area, and this is an option should the pig problem re-occur.

**National elections** – these are only a few weeks away with major issues being COVID, the economy, and referenda on euthanasia and legalisation of cannabis usage. Your editor has received and rejected several approaches from various factions requesting that views be included in this newsletter. As editor I try to be neutral, and to focus on issues related to model aviation. This is not the forum for political debate. Please do your own research on these important issues and make your decision accordingly.

**Lowlife** – the Ranger has reported an increase in the number of people acting suspiciously in the park since the lockdown. Some are illegal hunters, while some are intent on theft and/or vandalism. If you see any activities which seem out of order, please give full details to the ranger,

## Prof Flapbracket



**Rebuilding a motor ?** looking for bearings? Finding freight costs from overseas prohibitive? Try NZ Miniature Bearings Ltd. <https://nzminiaturebearings.com/> User friendly website. Most common sizes in stock and with realistic prices.

**Do a range test** – one of our flyers recently had a problem with a Radian glider, where he lost control at height. The model shut down and glided in circles. The pilot was able to regain control when it got close to Terra Firma and landed successfully. A close call as if it had drifted away from the pilot, it could have been lost in the jungle. A subsequent range test showed that reliable control could only be made at a range of a few paces, and there was an absolute loss of control at a specific range. This is indicative of a transmitter failure – perhaps a broken aerial lead. A very good demonstration of the need to do a range check before launching, and to set up your failsafes correctly.

## Coming events

- **Australian International Airshow and Aerospace & Defence Exposition (AIRSHOW 2021).** This has now been deferred to 26-28 November 2021. This is the 100<sup>th</sup> anniversary of the Aussie airforce and is bound to attract some heavy machinery. Put a note in your diary and trust that the world comes back into balance before then. If you are interested contact Dave Marriott and we'll see if we can arrange a group.
- **TMAC Auction** – now scheduled for 4<sup>th</sup> October. Stuff is starting to arrive. Sort out your workshop now.
- **Lecture by Graeme Frew**, owner of Reno racer "Full noise". – 15 October. Details in last newsletter.
- **TECT Park 10<sup>th</sup> anniversary birthday party** – November 28<sup>th</sup>. Please send your photos to me.
- **Hamilton MAC floatplane days.** These will be held at Lake Kainui on, 27<sup>th</sup> September and 22<sup>nd</sup> November. 9am to 4pm. (subject to gaining consent)
- **Control Line combat day.** TECT Park 15 November. Fast, noisy and scary! See Rob Morgan for details.
- **Aerobatics days** – a series of aerobatics days are being organised by Frazer Briggs. Oct 31<sup>st</sup> and 23<sup>rd</sup> Jan.
- **Aerotow Weekend** -28-29 November. This coincides with the TECT Park anniversary.

## TECT Park 10<sup>th</sup> Anniversary Open Day

Planning for this is slowly coming together. There will be a range of food, music and other public activities close to the event centre. We can expect a large number of visitors to the various clubs, many of which are planning their own activities to promote themselves. We are hosting an aerotow meeting that weekend which will attract fliers from other clubs. Between aerotow activities, members are encouraged to fly other models. Please use this weekend as an opportunity to showcase our hobby. Bring your biggest and best and talk to visitors about your models.

Members have been requested to send photos of models and events since TECT was established. There is still some time to get these to me, so please forward them as soon as you can.

## Auction

At this stage we are still planning to hold our annual auction. This is only possible if the COVID response level is down to level 1. Under level 2 we are limited to gatherings of under 100 which would prevent the auction from happening. We will update all members and all North Island club secretaries closer to the event and will keep our website updated.

In the meantime, please volunteer your services to the following team leaders:--

- Setup – Bill de Renzy
- Gate Control – Richard Thompson
- Registration – Roger Peddle
- Fixed Price Table – Dave Marriott
- Security – Fraser Brodie
- General – Dave M.



## Andy's Column



Andy had a unusual landing experience. After doing a stall turn at the far end of the runway, and turning to come back towards the pilot, the plane started a low-level slow roll. Spectators thought Andy had developed some new flying skills but the reality was that all control was lost. Andy felt like a possum in the headlights not knowing whether to jump left, right, duck, or even jump. He threw himself to one side and the plane buried itself in the ground, in the pilot's box, about a meter behind where he had been standing. Accident investigation indicates a defective battery plug with intermittent contact. This is a reminder that despite every attention being made to model safety, our hobby does have hazards and caution is required at all times.

## Interesting links

- CG location may be an issue ? - [https://www.youtube.com/watch?v=WQzLrvz4DKQ&feature=emb\\_rel\\_end](https://www.youtube.com/watch?v=WQzLrvz4DKQ&feature=emb_rel_end)
- Total laminar flow aircraft design – significant potential reduction in drag and improvements in range. [https://www.ottoaviation.com/?fbclid=IwAR0qVBSqqeNIMNv\\_OPmmTOto\\_ZFmEPAPDZ2TWgefQI6Jl8BXmsYK0Qkmv1g](https://www.ottoaviation.com/?fbclid=IwAR0qVBSqqeNIMNv_OPmmTOto_ZFmEPAPDZ2TWgefQI6Jl8BXmsYK0Qkmv1g). And it looks cool!

## Covid-19 Comments



With the COVID scale being lifted to level 2, flying may continue subject to the rules on social distancing and basic hygiene. If you are using the app, a QR code has been placed on the clubhouse. Otherwise please make sure you keep your own contact tracing records. In any event, please sign the attendance log in the clubhouse as this is needed for reporting usage statistics to the Council.

How effective are masks in reducing transmission?  
Check out this site for a practical and amusing demonstration .

(Caution – do not do this at home!)

<https://m.facebook.com/therealunclerob/vid/eos/771971676906350/>

### Remember

- # frequent sanitisation – best with soap and water
- # maintain separation distances
- # keep a contact log
- # wear a mask in public places

That's all for this month – lets go flying!

Dave Marriott  
Editor



(Dave preparing for take-off in the Shotover River in an 1870 prototype Spitfire)