



### Its Auction time again

Our annual auction has been deferred from its usual June slot, but now that COVID response levels have been reduced to level 1, we are back in action. The auction will be held on Sunday October 4<sup>th</sup>, at Classic Flyers Aviation Museum, Jean Batton Drive, Tauranga. Registration starts 8.30 and the auction should get underway at around 10am.

This is probably NZ's largest auction of model aircraft stuff and attracts attendees from all over the country. The auction is hosted by Classic Flyers in their large hangar, and provides a dual opportunity to look at some of the

museum displays. Food and refreshments will be provided by the Classic flyers Avgas Restaurant. There is a play area for the little ones.

It's a fun day for model flyers and a chance to catch a bargain and to catch up with like-minded people from other clubs.

Our auctioneer for the day is Tony Christiansen, well known as an international motivational speaker and an ardent model flyer.

In addition to the model aircraft auction, we will also be auctioning a flight in Classic Flyers aircraft. (Choose from Harvard, Stearman or Yak).

This could be a once in a lifetime experience for the successful bidder.

Registration forms can be downloaded from our web site. If these can be filled in, in advance, it will speed up the registration process.



### Club Stuff

#### Grounds maintenance

Its been a busy month for maintenance of our flying site. During the month work has been done to prepare the field for the summer season. The field has been rolled, weedsprayed, fertilised, and the edge lines marked out.

Our Ferris mower has proven to be very versatile, matched with a powered spray unit and a fertiliser spreader unit.



We have had a little more pig damage, this time at the intersection of the two runways and generally un-noticed unless you are mowing or go for a stroll. If you do see pig damage, please replace the turf immediately. If this is done it will generally survive and we can then roll to restore the surface.

TECT management have also engaged a pest controller who has laid baits to combat the ever-annoying rabbit population.

### Clubnight September

The September clubnight was well attended as members enthusiastically gathered to volunteer their services for the forthcoming auction.

Three new models of different types were presented. These are:

- Clarke Houltram's Boulton Paul Defiant, ("Daffy"). This is a scale model of the night fighter used by the RAF in the early stages of WWII. The turret will be servo actuated in both pan and tilt. The model is powered by a JBA 1.08 (17.5cc) motor with custom built internal silencer system. Retracts and flaps – lots of switches to master.
- Jon Blunn showed his "Acrowot" This is a traditional style aerobatic machine fitted with Laser 155 motor (25cc). The model is impressive with carbon fibre being used for U/C, cowling and canopy.



- Richard Thompson brought his new F3B glider. This is a highly specced commercially available model made in the Czech Republic. Approx 3m span, with fully internal control linkages – very clean aerodynamics. The model weighs 2Kg and has provision for up to 2Kg of ballast. The F3B competition round includes elements of duration, spot landing, distance and speed.



A highlight of the evening was a presentation by Mike Briggs, on behalf of Aerobatics NZ, to our junior member Dominique Clarke, for most improved flyer. Pictured is Dom receiving the trophy from Mike. (Mike clearly doesn't want to let go)



## 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. Its looking like being very busy. Everyone has cleared out their workshops during the COVID shutdown and there should be plenty on offer..
- **Lecture by Graeme Frew**, owner of Reno racer “Full noise”. – 15 October. We have been invited by Engineering NZ and numbers are limited. Cost is \$25 each and funds will go towards Graeme’s next Reno challenge. Registration details will be emailed to members.
- **TECT Park 10<sup>th</sup> anniversary birthday party** – November 28<sup>th</sup>. This is a general open day for members of the public so we can expect some visitors. Bring your biggest and best to show off.
- **Hamilton MAC floatplane day.** This will be held at Lake Kainui on 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.



## Interesting links

- Homemade variable nozzle for model jet engine – <https://youtu.be/1BYXFobpBgc>
- Aviation developments which never progressed into mainstream – a fascinating series looking at Allied, German, Japanese and Russian developments during and subsequent to WWII:-  
<https://www.youtube.com/watch?v=6b0yaWrr6YU&feature=youtu.be&fbclid=IwAR1csWdrynEijrjsM02HA7wrn8sdsfMOBXE7mTrvNHPDZYThEfMDJK1Y3M>
- First flight of replica Fw190 “Butcher Bird” - <https://youtu.be/zcVvs3RiBsk>
- Transparent model jet engine - [https://youtu.be/frXUPn\\_OLXU](https://youtu.be/frXUPn_OLXU)
- Dynamic soaring – scary stuff. <https://hackaday.com/2020/09/24/dynamic-soaring-545-mph-rc-planes-have-no-motor/>
- Another see through engine – this time a Wankel -  
[https://www.youtube.com/watch?v=pCteBhr4dGY&feature=youtu.be&fbclid=IwAR2hQAHSgGxGM\\_lxwyeo6VLcbuCj3BmmsS75tIAVF2Xy2dsOTFPOyH2n8IEM](https://www.youtube.com/watch?v=pCteBhr4dGY&feature=youtu.be&fbclid=IwAR2hQAHSgGxGM_lxwyeo6VLcbuCj3BmmsS75tIAVF2Xy2dsOTFPOyH2n8IEM)
- Control line Lancaster. Scary starting procedure, Third line throttle control: -  
<https://www.youtube.com/watch?v=kQjYVXCwvic&feature=youtu.be>

## TECT Park Update

Lots of happenings in the Park

- Forestry harvesting along Ngawaro road is almost complete and the land will be handed back close to the clay target area and the proposed 900m rifle range.
- There is a large scale multisport event planned for 14<sup>th</sup> November. This could bring 400 competitors plus an equal number of supporters. This will entail some traffic management on Whataroa Road.
- Filming commences next week for a new TV2 drama. This will continue sporadically until Christmas. Most of the filming will be out of the way but there will be some stunt sequences on Weld road and Te Ara O Raho, which may entail some traffic management.
- Kiwicamp will be craned into position next week and will be operational before the 10<sup>th</sup> anniversary celebrations.
- Discussions are underway around security such as improving camera coverage and automating the main gates, for after hours access..
- TECT are about to appoint an additional Ranger to supplement Bill and Daryll.



## COVID Comments

So far 2020 is like looking both ways before crossing the street and then getting hit by an airplane.



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



Dave Marriott  
Editor

**Quote for the month -**  
'An airplane is built to inherently want to fly. A helicopter is a compromised design that inherently wants to thrash itself apart.'  
- 939 Rescue Wing Squadron lounge sign for HC-130 and HH-60 pilots