

ROTORUA MODEL AIRCRAFT CLUB (INC)

NOVEMBER 2020 NEWSLETTER

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Sub for the 2020 - 2021 year are	RMAC	MFNZ	TOTAL
Family	\$120	\$100	\$220
Senior	\$115	\$95	\$210
Junior	\$45	\$30	\$75
Associate	\$50	-	\$50

Payment can be made to ANZ account # 116102_ 0913131_ 11 Include your name in the details

Welcome to the November 2020 newsletter.

Spring conditions have restricted flying somewhat this month. A couple of good days saw some excellent flying.

Mike Mc has ended up in hospital and we wish him a speedy recovery. We hope you are back at the field again soon Mike.

Dave L and John R competed at the recent Tuakau vintage meeting. A busy day with a total of nine flights each over three separate events. Lift was almost non existent before lunch with some low scores being recorded. However, after lunch things improved and we both put in very good scores in the ½A Texaco event.

Electric events are now very popular, and several entered the E rubber event. The object here is to fly for as long as possible using a pre-1950 design rubber powered model fitted with an electric motor. The battery is restricted to a 2 cell. Capacity is determined buy the weight. Most are about 300 – 450mha.



An E Rubber Vintage Model

David Gush of Tuakau with his
1939 Gollywock



THE TUAKAU FLYING FIELD

Colin has his BIG Citabria ready for its initial flight. This is a superb model and Colin has put a lot of effort into the project. Just need a calm fine day.

FROM THE PRES

This month we suffered considerable damage to the field when the pack (not a herd) of resident horses that roam around the adjacent paddocks got through the field gate, and during the efforts to remove them, rampaged down the runway which resulted in multiple lines of hoof holes down and across the runway.

The damage has now been substantially repaired but the incident serves as a reminder that the field gate must be securely locked by the last person leaving the field.

Here is a couple of new notices voluntarily created by Andrew Hoskins to serve as a reminder.



We are also going to fit a latch so that even if the gate lock is not properly set, the horses will not be able to nudge it open.

Our damage was bad, but take a look at what TMAC had to contend with at TECT Park this month.



This was a fraction (about 1/20th) of the damage done by pigs during one night. Fortunately, most of the damage could be repaired by replacing the turf and rolling it back into place but this hit the flying time for a number of members. An electric fence had been established around the site but the pigs learned how to bypass the fence. Obviously, this is being fortified!

During the establishment of the RMAC there were a number of members who played a key role by volunteering their work skills on behalf of the club. One of these was Ted Bretherton who designed, and constructed the club house and other buildings. If you study the roof of the club house you can see how it was prefabricated off site and used in previous field locations before finally settling at Mead Road where the club has been for the past 30+ years. The RMAC web site has some history of the club. Ted's wife, Margaret (also an active modeller) later assisted the club by voluntarily vetting the annual final accounts for many years. Both of them have remained paid up members even though regrettably, they no longer fly models. You will have met them both at our annual dinners. In recognition of their contribution the committee recently invited them to become honorary social members of the club and I am pleased to announce that they have accepted.

All members should recently have received from MFNZ, a survey created by Massey University.

This was aimed at operators of unmanned aircraft **which is all of us**. Unfortunately, it was titled "drones" which means that many of you may ignore it, but it is important that, as a flyer of model aircraft, you respond to it. For some inane CAA bureaucratic reason, which hopefully this survey might correct, all model aircraft are lumped in to a

general category of “Remote Piloted Vehicles” together with drones, helicopters, and anything else that flies under remote control.

The survey will establish the numbers of recreational flyers potentially impacted by any changes to

CAA rules regard our free access to the airspace. The questions seem a bit weird being aimed at professional operators as well as us lot, but please respond and in the ending comments section tell them what you think of the drone, model aircraft confusion

You can access this survey at:-

https://massey.au1.qualtrics.com/jfe/form/SV_a8XpQezBUDW6P0p?fbclid=IwAR2DWZEAfiECCCu5HIXZKuXfRjQUI4aiJGeLBbXcVOgRfK40vUJFehAVE

Member Brian Holden has recently upped sticks and moved to Cambridge which is a shame because he was the clubs active photographer, meteorologist, piano tuner (don't think that has much to do with flying model aircraft) and an all-round interesting personality. He had a fright a few months ago when his Li-Po battery caught fire during charging but fortunately did not burn down his house which has now been sold! Brian plans to visit us frequently to continue flying and as a late send-off we are holding a:

BE LATED BYE-BYE BRIAN BBQ/LUNCH

Wednesday Nov 18

Bring your own food, BBQ will be fired up.

Since this is during the working week and not available to all members, it's BYO. Better halves are welcome of course. After the BBQ there will also be fun fly spot landing event and perhaps others.

I don't think many members got to the “Warbirds over Waharoa” day, it was a great day with many never seen before models.

Here is the Briggs father and son duo readying their big Mosquito which is fitted with twin 60cc engines. That radio looks tiny in comparison.



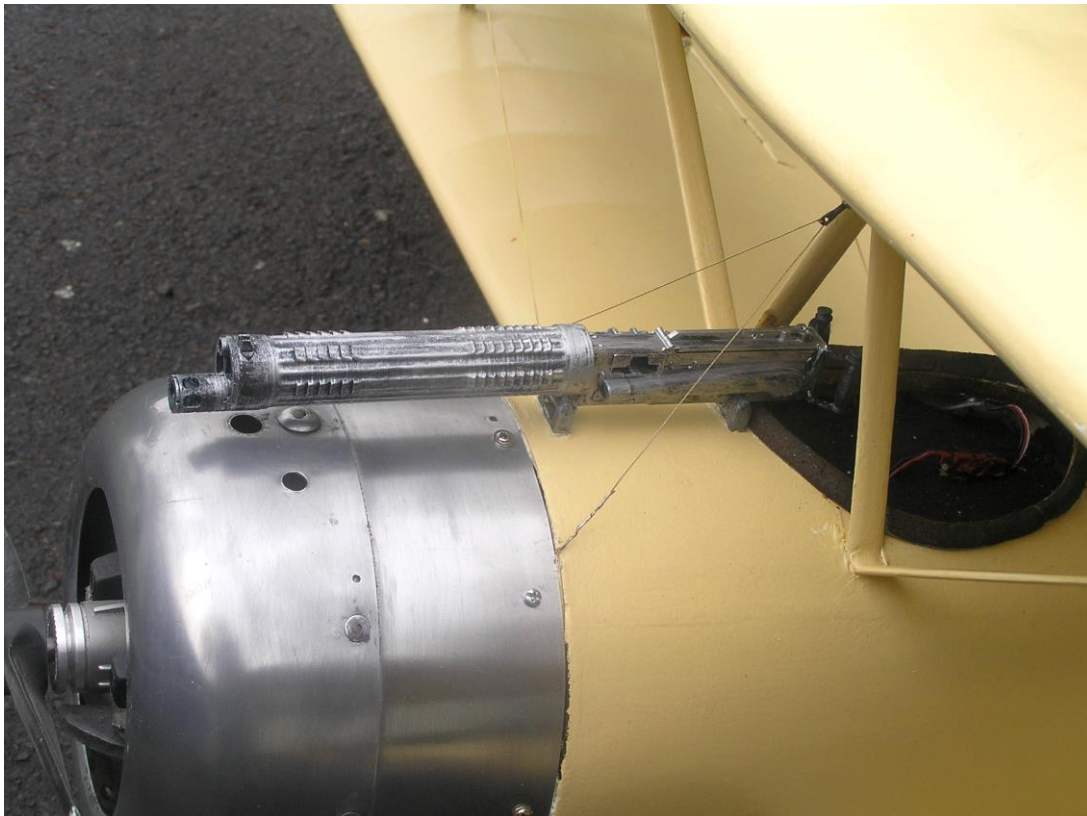
Here is a late pic from the TMAC auction which is interesting in that the model being held up by Bill De Renzy was just the second item of the auction and was one of my models. Buyers had not warmed up and it realised the miserly sum of \$100. It was a last year purchase and was a great model but rather heavy, and I am sure that I would have made my usual mistake of flying it too slow with the result of it falling out of the sky, so I decided to say goodbye to it.



On a personal front, my WW1 biplane lock down project is finally nearing completion



It's a Sopwith Strutter, The fin logo and lettering has still to be added but there are two item of interest to report on now. The first is the gun armaments that were 3D printed for me by Neal Wanklyn who is the owner of a nice new 3D printer.



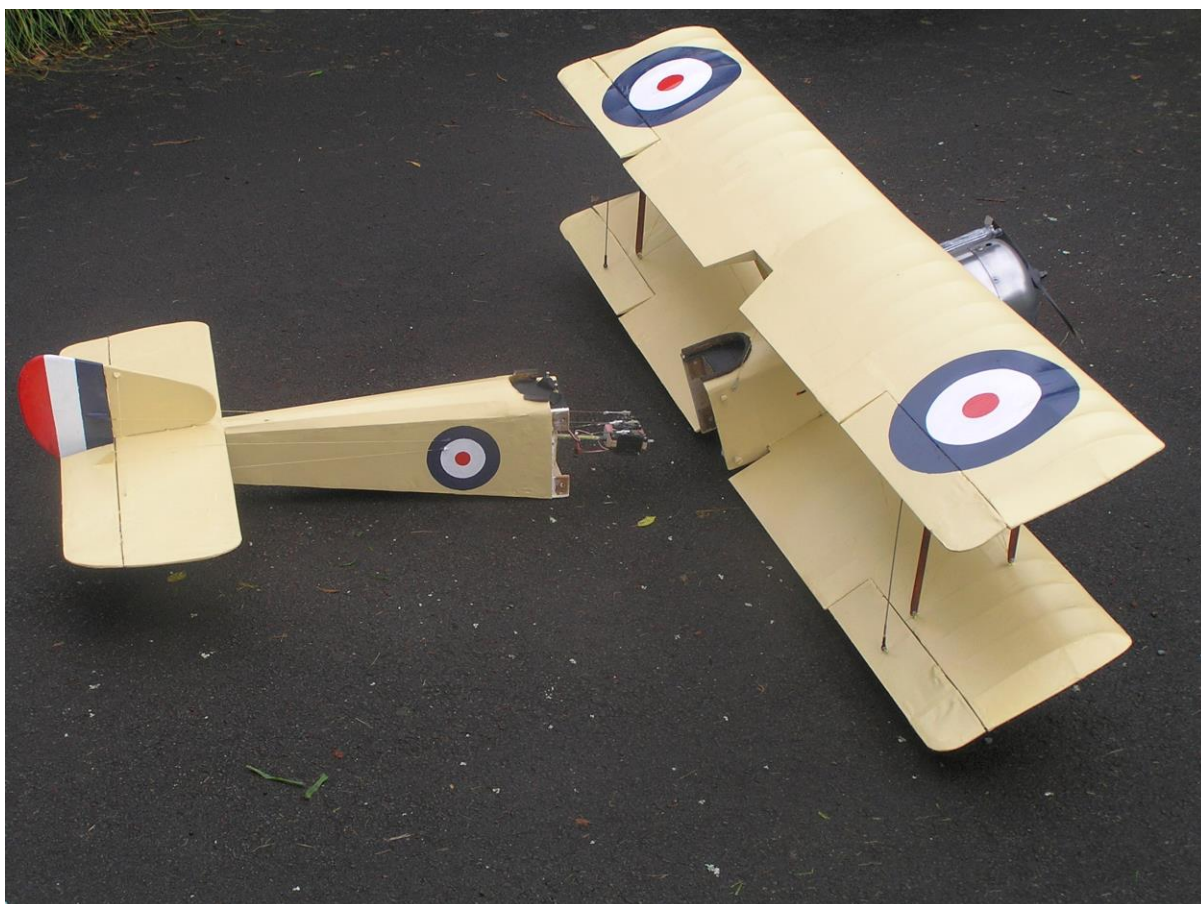
Here is the front Vickers Machine gun, just look at the detail on the barrel, breech etc. This was printed in three parts and bonded together.

And here is a pic of the observers Lewis machine gun:



Again, the detail is amazing. The detail even replicates the strands on the cable that counterbalanced the raising and lowering mechanism of the gun. If you research 3D printing on the internet you will see that there are now many flying models that can be printed. The era of foamies is becoming outdated, now it is Polylactic Acid (PLA) which is the most common 3D print filament. There is no doubt that we will see huge growth in this technology, its applications for modelling are only just being scratched.

In the last pic you can see a nylon screw head on the fuselage side, remove this screw and the other three that companion it, and the model then falls apart to look like:



The intention of this concept is to allow easy transport and rigging at the field. Larger scale biplanes are always a pain because of the space they take up and the rigging involved at the field. This is my solution where the whole of the front end stays in one piece. Hopefully I have made the connections strong enough and the model won't look worse than this after the forthcoming maiden flight. There is going to be only one way to find out!

[Coming events for those who Spectate](#)

[TMAC Control Line combat at TECT Park. Sunday November 15](#)

Plenty of line tangles, mid-air crashes and general model carnage guaranteed. Unfortunately, this clashes with the Blackfeet vintage meeting

[Scale RC](#)

The shake down day on October 31 at Waharoa was cancelled due to bad weather so the next scale day is an actual flying competition on [Saturday November 21](#). The next day is the Hamilton float plane meeting so a busy weekend here!

At least a couple of RMAC members are likely to fly at the scale event. It's only a 40 min trip for to see some great models.

Two more really interesting meetings nearby:

- [HMAC Float Plane Day @ Lake Kainui \(CONFIRMED\)](#)
November 22, 2020 9:00 am - @ Lake Kainui (D), Lake Road, Horsham Downs.
- [RC Soaring Aerotow event](#)
November 27, 2020 - November 29, 2020 @ TECT All Terrain Park Model Flying Centre, Pyes Pa Road. (29km from Tauranga, 27km from Rotorua)

The Aerotow event is also the same weekend as the tenth anniversary of the TECT park and TMAC has issued an invitation to any of our members who wish to go and fly. Here is more info re the Anniversary event from the TECT Park Facebook page: We mustn't miss Santa Claus!

 Saturday, 28 November 2020 from 10:00 UTC+13-15:00 UTC+13

 **TECT Park**

 Public · Hosted by **Western Bay of Plenty District Council, TECT Park and Tauranga City Council**

Come and celebrate TECT Park's 10th birthday on Saturday 28 November, with an extravaganza of free fun, entertainment, activities and birthday celebrations.

From 10am until 3pm there's the annual Mud Dog Run, bouncy castle, pony rides, face painting and more – Santa Claus is also due to arrive in style.

Sports clubs that call the park home will also be opening their doors to the public for have-a-go activities and demonstrations.

MORE DETAILS TO COME! [See less](#)

Come celebrate TECT Park's 10th birthday at our Ultimate Fun Fest night event!

From 7pm to 10pm kick back with family and friends and enjoy a laser light show and a big screen showing of Kiwi legends Six60's sell-out Western Springs show.

Pack a picnic, grab a chair, torch and some cash and join us at TECT Park for an evening of entertainment in the forest!

MORE DETAILS TO COME!

It's always good to go as a group so if anyone is interested in going to any of the above, speak up.

FOR SALE

FUTABA 4EXA Radio 72Mhz



In tidy condition complete with

3 x 3004 servos

1 x 3003 servo

R136F 7ch receiver

Switch

Servo extension lead

Rechargeable Rx & TX batteries

Contact John on 0204 118 5597

COMING EVENTS

November 14 & 15 Blackfoot MAC Vintage weekend at Ngatea

November 15th Control Line Combat at TECT Park

Nov 18th Mid-week fliers BBQ farewell for Brian Holden

February 20 & 21 Airsail Vintage meeting

March 20 & 21 Blackfoot Vintage meeting at Ngatea

CLUB FUEL

METHANOL \$2.50 PER LITRE (OWN CONTAINER)

MIXED:

1 US GALLON = 3.785 LITRES (3.8L)

70% METHANOL, 20% COOLPOWER, 10% NITRO

\$40.00 [US GALLON

\$10.00 per LITRE

FUEL WITHOUT NITRO

82% METHANOL, 18% COOLPOWER oil

\$25.80 US GALLON

\$6.80 PER LITRE

Or, MIXED TO SUIT YOUR REQUIREMENTS

ALL PROFIT GOES TO THE CLUB

PLEASE BRING YOUR OWN CONTAINER

Contact: ALAN SMITH. 347 9312