

ROTORUA MODEL AIRCRAFT CLUB (INC)

JUNE 2022 NEWSLETTER

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**AOTEAROA
GAMING
TRUST**



Rotorua Trust
MŌ TĀTAU KATOĀ



Welcome to the May 2022 newsletter

Winter has made its presence known with wind rain and cold conditions. However, we have had a couple of days of almost perfect conditions with the usual suspects turning up and getting in plenty of flying.

Welcome to new members Tim Charleson and Andrew Mc Menamin

Tim has returned to the flock after a break of about 20 years and has just purchased a new radio (yet another T6K) and also fired up his simulator. He has resurrected a model, figured out the programming and should be in the air next flyable day.

Andrew started flying back in the 70s and after several decades break has just acquired Graheme B's very tidy Tyro Major. Andrew had a go on one of our Club Trainers a few months ago and was flying solo most of the time so should have no difficulty getting back into it



Andrews Mighty Tyro Major

Dave and John got up to Tuakau for their Vintage event on 14 May. This was to be a two-day meeting but because of incoming weather the event was shortened to a one-day event. Conditions were challenging but it was good to

get back into some Vintage competition flying again after several meetings have been canned with covid and other problems. Once again, we featured in the top end of the results and had a very enjoyable day. This month Vintage Precision is an NDC event so we will try to record some times.

The CLUB Mid-Winter Dinner will be held on July 16th Venue to be advised

The Tauranga auction was held on the 12th at the Classic Fliers Museum
As usual there was a large selection of models changing hands at reasonable prices however engines and radio gear were almost impossible to sell.



Some of the models for sale at the Tauranga auction

With the terrible weather lately the Wednesday fliers decided to meet for a coffee at 3rd Place this week. This is going to turn into a regular event if it's no good for flying. Keep an eye on the RFG for details.

We recently attended a community grants recipient's meeting with the RDC. This gave the Council an opportunity to see how funding was being spent in terms of their long term resilient and resourceful community development goals and grant requirements. It was also an opportunity to network with other groups. The new manager of the Rotorua Trust was there as they have made grants to several of the groups (including us) and were interested to see if there is potential for groups to work together on funding applications benefiting a larger section of the community. As the ATC were there, we have re-established contact and are jointly looking at how we can assist them with their aviation activities.

A WORD FROM THE PRESIDENT

RECENT CLUB ACTIVITIES

As a result of the recent winter weather not a lot of flying activity has taken place. Despite that, a further working bee took place to complete the pig damage restoration. This all went to plan and was finished by lunchtime. The grass seed sown during the first job is showing signs of germination. Once again, just a reminder that these restored patches need to be kept clear of trampling and taxiing over for a few months yet.

We are looking at having a mid-winter dinner, for members and partners, tentative date Saturday 16 July, venue yet to be decided. Please advise a committee member if you are interested in attending.

The committee under Ashley Perera's guidance is working on upgrading the RMAC website, which should be up and running in about a month or so.

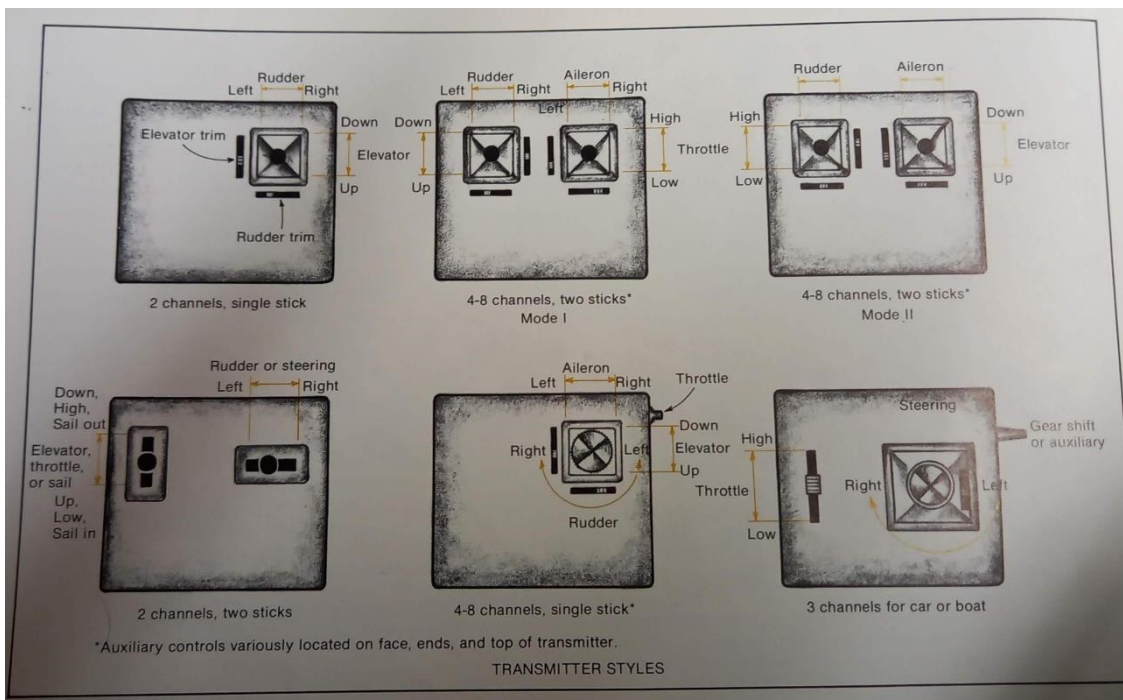
Here's a few random items that have some model aircraft relevance....



Colin pondering, is the table too small, or the model too big?



The lounge is too small in this case, Top Gun, eat your heart out!

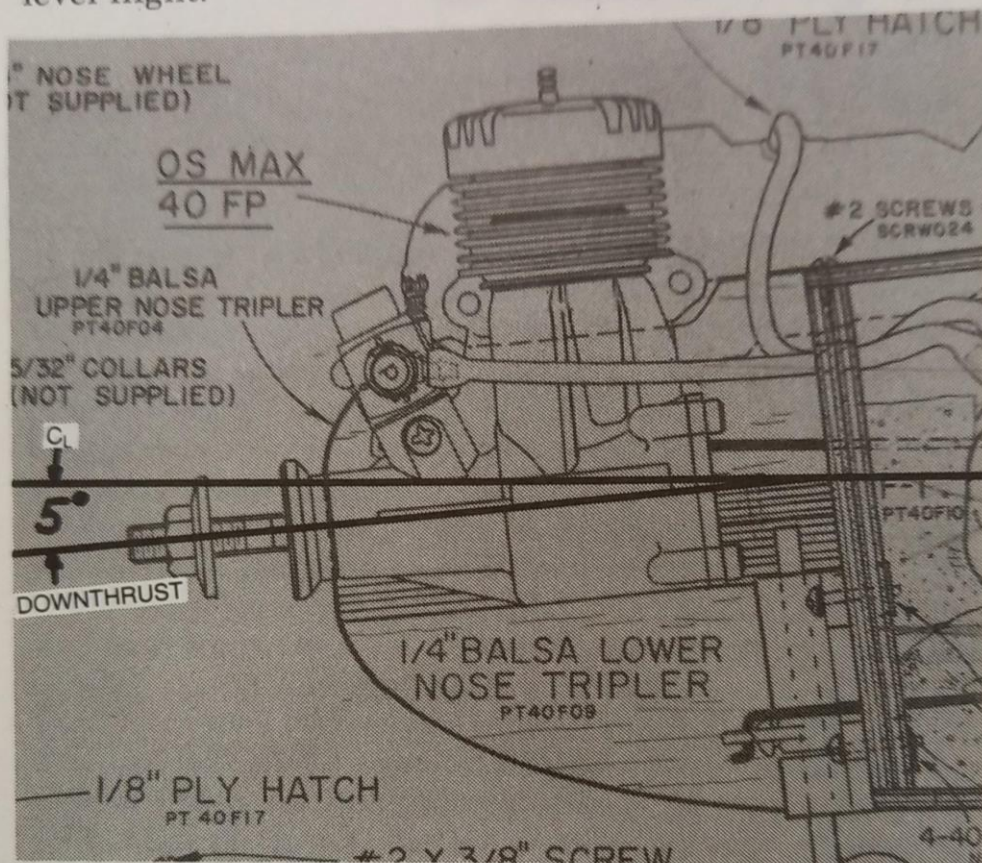


Some of the various radio control transmitter set-ups from an old publication, the basics for R/C aircraft still apply today, mode 1 and mode 2.

Who's flown 2 ch with a single stick and two stick Tx? (ed)

Down Thrust:

In the same way that right thrust corrects for engine torque, down thrust corrects for the lift characteristics of the wing as airspeed changes. As the airspeed of an airfoil increases, the wing will produce more and more lift at the same angle of attack. More lift at full throttle causes the airplane to climb, necessitating down trim to maintain level flight.



Down thrust corrects for variable wing lift due to airspeed changes.

Down thrust compensates for the increased wing lift by vectoring engine thrust downward. The faster the engine runs, the more down thrust is produced, which counters the increase in lift with increased airspeed.

Since flat bottomed (or nearly so) airfoils generate greater lift changes at various speeds than symmetrical airfoils, you'll usually see basic trainers with more down thrust than pattern aircraft (which have symmetrical airfoils).

Down-thrust is always an interesting discussion point. Well, that's all from me for this month, as we look forward to better flying weather as soon as.

Subs for the 2022- 2023 year are	RMAC	MFNZ	TOTAL
Family	\$120	\$100	\$220
Senior	\$115	\$95	\$210
Junior	\$45	\$30	\$75
Associate	\$115		\$115
(Member of another club with current MFNZ membership)			
Social (non flying)	\$50	-	\$50

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

Coming Events

June	NDC R/C Precision
August	NDC R/C Duration
October 16	Morrinsville indoor F/F and Scale event