

ROTORUA MODEL AIRCRAFT CLUB (INC)

SEPTEMBER 2023 NEWSLETTER

Secretary Andy Watson

Email: top.place@xtra.co.nz Ph 07 357 5656



AOTEAROA
GAMING
TRUST



Rotorua Trust
MŌ TĀTAU KATOĀ



Welcome to the September 2023 newsletter

Recent weeks have seen continued activity at the field. Some excellent flying conditions have been experienced and new models continue to appear. Two outstanding models to appear are Neal and Toms Avanti ducted fan foamies. They fly exceptionally well and appear almost viceless. They even sound like a turbine. The manufacturer has done a lot of homework on these models and got them right!



A very happy Neal after the first flight of his Avanti

There is another one about to take to the sky and also a very large turbo prop Tucano under construction



Tom and his Avanti



If you ever thought there aren't some big stresses exerted by outrunner motors then think again. The glider guider of this model got the surprise of his life when the motor departed the model. The instant shift in CG location produced some unintended aerobatics. However with shear skill the flier managed to land the model back on the strip.

A week later it was back in the air with a new 3D printed nose and a new motor.

MEMBERSHIP CARDS

A reminder to all those who have not picked up their membership cards. There are still several in the container on the north wall in the Club House awaiting collection.



Graham with his electric mini stick



Button Man

A Word From The Pres

Well the weather has become a lot drier recently, but also a lot windier, although there has been a few mornings when some good flying has taken place. It is the time of the year for equinoxial winds to prevail, but these will pass in time. In the meantime it is a good chance to get back to the man-cave and check out all your flying kit, even giving the motors a static check run before going out to the airfield and getting back into the fun of it, even if it means asking for some help from the regular flyers, that's not a problem.

Roll on hot calm summer days, with plenty of thermals for the vintage guys, and their models.

Cheers

Random Stuff



Anyone seen one of these before?, it is an “in line” glow motor that actually worked!

Beginners Corner

This month we'll take a look at how to hinge control surfaces. The aim is to reduce the gap to a minimum and have an almost friction less hinge. Use a minimum of three hinges and have one as close as possible to any control horn. Use proper hinges. Hinge tape creates too much friction so consign the stuff to the bin. So how do we do it.

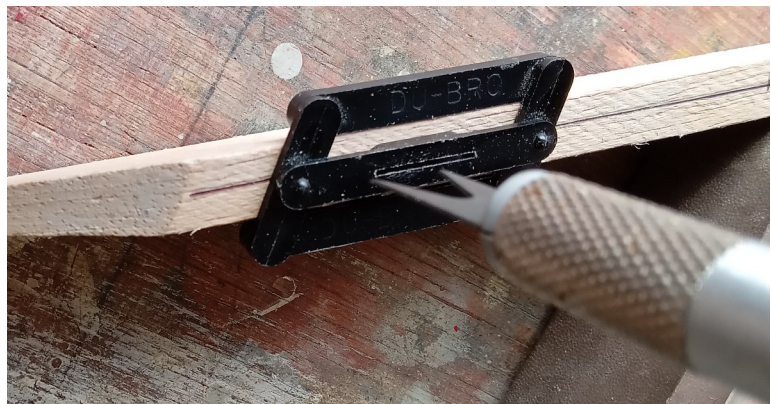
- Step 1



Mark a line along the centre of the items to be hinged and mark the position of the hinge.

A broken hacksaw blade is then used to carve out a slot for the hinge. Its just the right thickness.

Another way is to use this DU BRO jig and tool





After checking the hinges fit correctly force some glue into the slot.

Then insert the hinge



- Step 4



Sand the front of the control surface to a V and cut a recess for the hinge.



Force glue into the slot and insert the hinge then drill through the hinge. Note the location of the axis of the hinge and the small gap.



Finally insert some glue into each hole and push a tooth pick right through. Cut off when dry and sand

This is the most vital step. The last thing you want is to have an elevator come apart in the air.

FOR SALE

Thanks to several generous donations to the Club we have a couple of 46 size beginners models for sale. These are complete with servos have been set up test flown and only require a receiver and battery pack.

There are also a couple of other models, Futaba servos and Futaba Fasst receivers
Various fittings and nuts and bolts.

For more details on any of this gear contact

Any Committee Member

COMING EVENTS

Sept

NDC 1/2 A Texaco

North Shore Model Airplane Club

After the success of its last Vintage Day, the North Shore Club is pleased to announce that it will hold a further two Vintage Days next year. All dates and wind-dates are Saturdays.

3rd February 2024

Wind date 10th February 2024

13th April 2024

Wind date 20th April 2024

