

# ROTORUA MODEL AIRCRAFT CLUB (INC)

## SEPTEMBER 2022 NEWSLETTER

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**AOTEAROA  
GAMING  
TRUST**



**Rotorua Trust**  
MŌ TĀTAU KATOĀ



## **Welcome to the September 2022 newsletter**

Flying conditions were pretty terrible throughout August. Wednesday the 31<sup>st</sup> finally broke the cycle with a calm sunny day. With one of the largest turn outs of recent times the strip was busy all day. Great to see Brian over from Cambridge. Bruce flew all day finally exhausting his box of batteries. Colin completed the running in of his new 46 FX and was very happy with its performance. Dave and John had their Vintage models out for a practice before the Airsail meeting on the 10<sup>th</sup>. Andy and son Paul (back from Aussie for a few weeks) had a couple of go fast machines screaming round the sky. Russell was happy flying something a little slower. Tom had his 3D machine and drones out.

The 7<sup>th</sup> and 8<sup>th</sup> of September also turned out to be a couple of excellent days. Tim has mastered the art of taking off and Richard making good progress. Good to see Graham out again with a new homebuilt drone. Beautifully built. Tom tells me it's a very nice bit of kit

We abandoned our visit Airsail Vintage meeting on the 10<sup>th</sup> as the weather packed up.

### **ANOTHER DONATION**

Mike Mc Millan has kindly donated some gear to the Club to sell (see for sale add)

### **NEW MEMBER**

Welcome to new old member Richard Shapley. Richard flew control line models with the club back in the 1970s on the old Vaughan Rd site and after a 40 year break has re-joined and started R/C flying.



Richard after a flight with the ex-Mike Mc Millan NEXSTAR



### Northern North Island Vintage RC Rally dates

The following dates have been set for Vintage Rallies. The format is to be a one-day event on a Saturday in which all or any classes may be flown. NDC events for that month are in italics. NDC events for 2023 are based on this year's schedule (tbc).

In the event of unfavourable flying conditions on the first date, a decision will be made on the Thursday evening before and an email notice of postponement to the alternate date will be sent out.

Flying from 9am – 3:30pm. Registration fee of just \$5.00

Sept 10th JR Airsail, Native Rd. Pukekawa alternate Sept 17 th  
NDC: *Vint ½ A Tex., Vint A Tex., Sport Cabin IC and E Tex.*

Oct 8th Tuakau MAC, Anderson Redoubt Rd Tuakau  
alternate Oct 15 th  
*Vint. Open Tex., Class. ½ E Tex., Class. E Tex.*

Nov 5 th Ngatea Blackfeet alternate Nov 12 th  
*Vint. ½ E Tex., Vint. E Rubber Tex., Class. IC Duration*

Dec No rallies this month

Jan 2-6 th 2023 Nationals at Carterton (dates tbc)

*Class. ½ E Tex., Class. E Tex., Class. Precision*

Feb 4 th Ngatea Blackfeet Flyers alternate Feb 11th  
*Vint. ½ A Tex., Vint. E Rubber Tex., Class. IC Duration*

March 4 th JR Airsail Native Rd Pukekawa alternate March 11 th  
*Vint. IC Duration, Vint. E Duration, Class. E Duration*

April 8 th Tuakau MAC alternate April 15 th  
*Vint. ½ E Tex., Vint. A Tex., Vint. E Tex.*

May 6 th NSMAC, Green Rd Dairy Flat alternate May 13 th  
*Scale Texaco, Vint. Open Tex.*

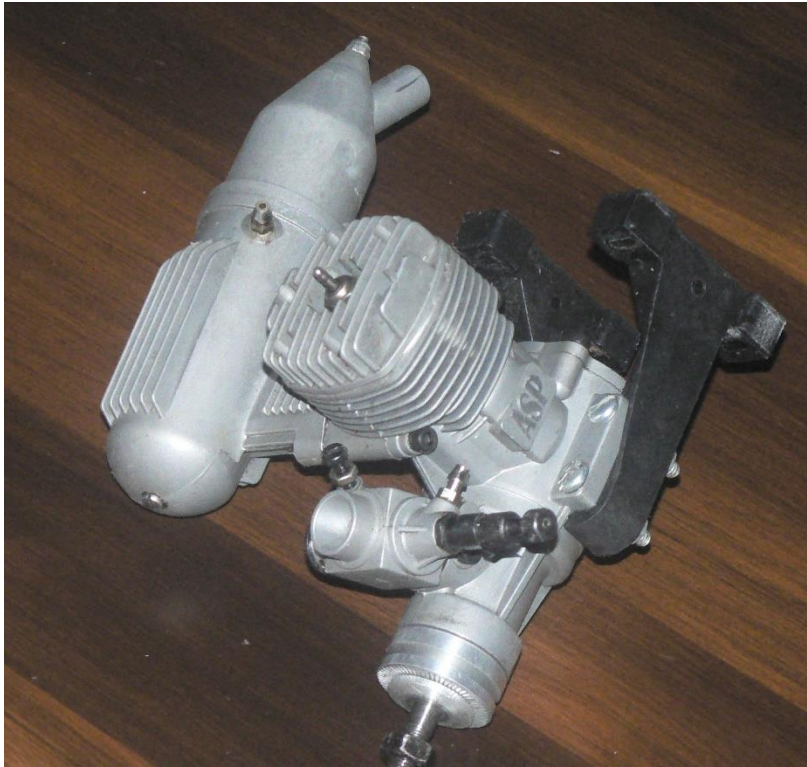
Contact: Don Mossop (274940854) or Wayne Cartwright (0221534679)





- Skysport 4ch Transmitter and receiver 72 Mhz





## **WORLD MODELS SKYRADER**

This model is currently undergoing restoration and will be available as a complete ready to fly package including a near new ASP 46 and servos. Just requires a radio.





## **CLOUDS ELECTRIC GLIDER**

This model has had a few heavy landings. It comes with a 7ch Fr Sky FASST receiver and a 25 Amp esc. Requires a 3s 2200 Lipo. We have recently had this model flying. One of the aileron servos is sluggish and would benefit from replcement.





## **FIELD BOX**

Includes

- Starter
- Power panel
- Glow connector
- Fuel pump

For details of any of the above items contact  
John on 020 4118 5597

## A WORD FROM THE PRESIDENT

Once again, not a lot of flying done over the last month, mainly due to either wet or windy conditions, and there will be more gusty winds to come as we go through the equinox time of the year. At least temperatures are starting to warm up a bit.

We have a couple of keen guys on buddy-box training, Tim and Richard who are both doing well. However, Tim and myself (instructor at the time) had a glitch soon after take off recently. Tim's take off was flawless but the northeast



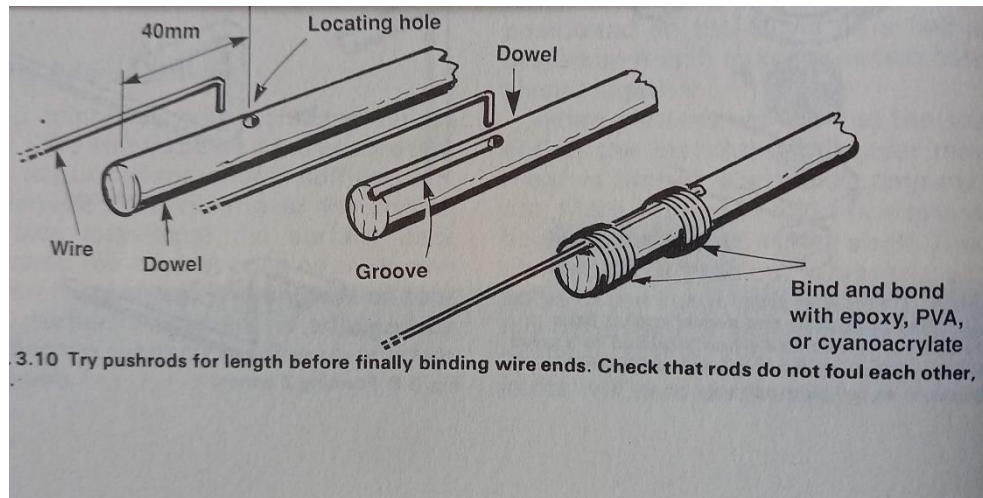
breeze drifted the model to the west towards the trees beyond the clubhouse and he found that he had no control, so I flicked the switch and I also had no control, with the resultant "lawn dart" horse paddock dart actually.

Despite having to dig the model out there was surprisingly little damage, even the engine mounts were undamaged thanks to the soggy ground. Tim spent more time cleaning the mud out of the engine than applying PVA! In less than 24 hours Tim had this model flying again, all's well that ends well.

Following a review of the Flying Rules and Site Plan, copies of both are hanging in the tower and clubhouse. Thanks to Ray for his efforts in coordinating the Review. A field review of site hazards is still work in progress. The committee is also looking at the possibility of a protection fence of sorts for pilots in the flying box. Many other clubs have these protective measures already in place.

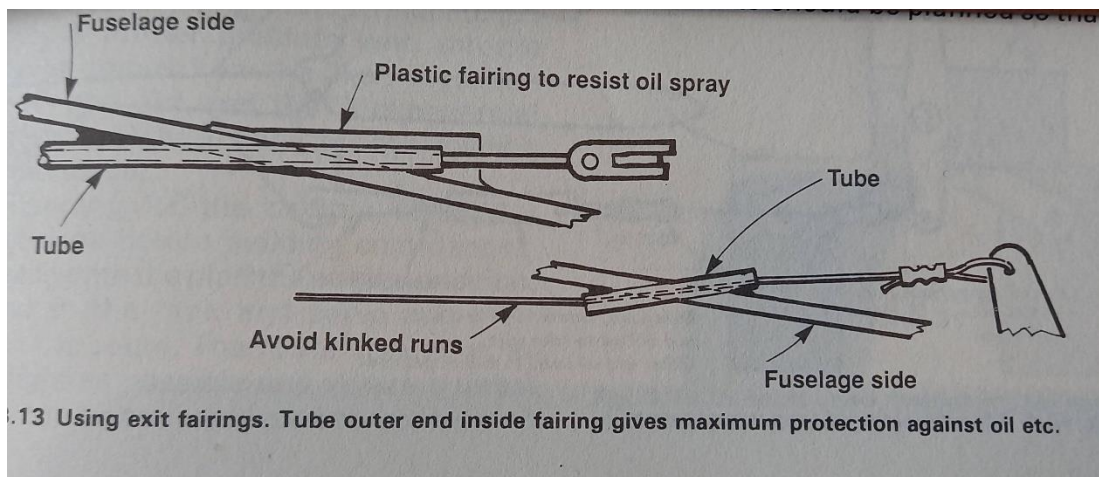
Anyhow the regular flying members would really like to see some other club members bring out their models and have a yarn, it's not compulsory to fly, and it's always good to see what's "out there" and who's building what.

Some other interesting modelling stuff..



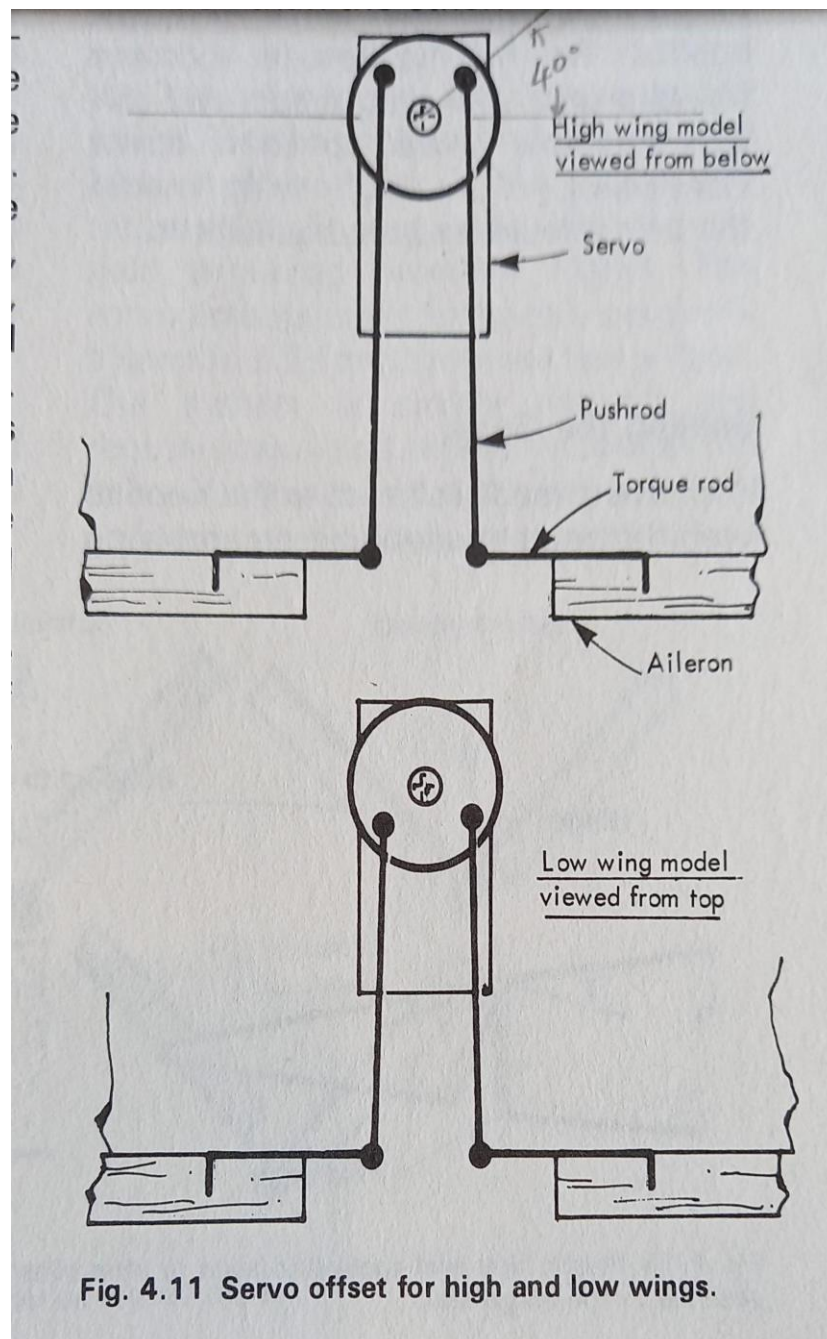
3.10 Try pushrods for length before finally binding wire ends. Check that rods do not foul each other.

Tips on installing pushrods.



3.13 Using exit fairings. Tube outer end inside fairing gives maximum protection against oil etc.

Tips on exit fairings and push rod positioning on servo discs.



**Fig. 4.11 Servo offset for high and low wings.**

The technical reasoning behind this servo offset is really interesting. The offset is to do with the positioning of the push rod connections on the servo disc drive. As the disc turns, the push rod that is most tangential in relation to the disc, moves further than the other push rod thus moving one aileron more than the other on purpose. This helps to balance the aerodynamic effect on the wings during a turn, that lift and drag stuff.

That's all from me for this month, looking forward to seeing more of you out there soon.

**Subs for the  
2022/23  
year**

<b>Senior</b>	<b>\$115</b>	<b>\$95</b>	<b>\$210</b>
<b>Junior</b>	<b>\$45</b>	<b>\$30</b>	<b>\$75</b>
<b>Associate</b>	<b>\$115</b>		<b>\$115</b>
<b>(Member of another club with current MFNZ membership)</b>			
<b>Social (non flying)</b>	<b>\$50</b>	<b>-</b>	<b>\$50</b>

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

## **Coming Events**

- August NDC R/C Duration
- September NDC 1/2Texaco
- October 16 Morrinsville indoor F/F and Scale event