

The Flyer **Crash 'n' Splash**

Nelson Model Aero Club

<http://nmac.org.nz>

August 2020

President's Piece

Winter seems to have been relatively kind to us and we've enjoyed long periods of good flying weather and the access track has been useable a lot of the time. The 'winter bbq' in July coincided with a beautiful morning and a lot of members came out to enjoy the sunshine and company. Ben and Jordan put on a great show for us with the twin Oscar's which we all enjoyed – looking forward to seeing them in action again sometime soon. Here are a few bits of news from around the Club;

Membership: We finally got the membership renewals completed after the Covid-19 interruption. Thanks to Peter for making the multiple processing runs with MFNZ (after we had to chase up the late renewals). He tells me he will be sending out the remaining MFNZ cards this month. We had two members who didn't renew, and have picked up four new members since April; according to my rough calculation we currently have 73 members.

Health and Safety Plan: We have updated our flying guidelines and morphed them into a more formalised Health and Safety document. This is attached – there's nothing new in here but **please read it** to refamiliarise yourself with the general rules. The document provides a structure to manage the H&S process and covers things like when it should be updated, how it can be amended, etc.

Wakapuaka Area: FYI there are several things happening around the area in the near future. It's reassuring that the council recognise the Club as a key stakeholder and are keeping us informed of anything that might affect us:

- NCC are investigating a shared pathway that crosses the sandflats from SH6 to the Boulder Bank. The council say that it shouldn't impact us. If it goes ahead, they are looking at an April 2021 timeframe to start the work.
- NCC are beginning the process of renewing the resource consent for the Nelson North Wastewater Treatment Plant. We have volunteered to be involved in the process and they will keep us in the loop and advise of any meetings or workshops.
- TDC are updating their policy to fly unmanned aircraft over Council land and have been in touch to get advice on various practicalities. They'll be back in touch when the draft policy is ready to review.

Aerobatics Sessions: With spring on the way I'm keen to hold some aerobatics 'training' sessions to pass on some of the knowledge I've learnt from the Nationals and other events. As soon as a nice Saturday morning looks likely I'll send out an invite.

Lake Forsyth Fly-In: There are several of us heading to Christchurch for the fly-in on 28-29 August. Speak to me if you're interested and want to know more about it: <http://www.radiofliers.org.nz/lake-forsyth/>

Our usual CnS editor Paul Troon has been unwell the last couple of months and we've missed him out at the flying field. He is steadily recovering and we wish him well, and hope to see him out with us again when the warmer months arrive.

There is always wet or windy weather not far away this time of year but I encourage you all to get out when you can and enjoy the terrific flying friendly site we have in Nelson.

Cheers, Murray.

Westland Whirlwind; Lockdown Project.

Over the lockdown we saw photos on the WhatsApp channel of the start of Stewart's Westland Whirlwind project and have had several building updates along the way. Here is the latest story..

My shutdown project has been a Westland Whirlwind built from the Chris Gold's plan. Only 116 Whirlwinds were built mainly because of problems with the Rolls Royce Peregrine engines. They had lost 89 aircraft through combat and accidents and 46 pilots by the time the Whirlwind was taken out of service in December 1943.

I enlarged the plan until I had enough room for a 6s x 5000mahr battery behind each electric motor. The fuse and nacelles are constructed with Knauf foam board from Bunnings glued around a balsa and ply frame then glassed. The wing is 1.5mm balsa sheet over a foam core. The wing came out at 2.2 metres and feels a bit like a surfboard as I carry it around the house - especially when I accidentally bang it into our freshly painted ceilings. I used a pair of 4030 x 375kv Dualsky motors with 80amp Hobbywing ESC's and 16 x 12e props to power the plane. With such a short nose it was difficult to get the c of g in the 'right place' and I ended up epoxying 400gms of lead shot in each motor nacelle. All up weight is 8.4 kgs.



I have had one flight so I know it flies. I am waiting for new spinners to arrive as the originals were very fragile and broke when knocked. I'll have a go at making scale spinners one day and maybe some mock radiators. I only had a black and white photo of the original plane and got the colours wrong so have repainted the grey with brown, I think it is now pretty close to scale. I used Molotow spray cans from Gordon Harris art supplies to paint the plane. They have a range of 255 colours so you can get a match for most Humbrol paints. I read somewhere that wartime matt paint pigments weren't that great and faded quickly so near enough is probably close enough. The paint finish is fine with kerosene but doesn't like methylated spirits so you'd most likely need to spray a clear coat if you were going to use a petrol motor.

The plane is standoff scale and I feel it looks okay from 5 metres or so.

Cheers
Stewart



Photos from the Float-Fly morning; June 2020.



A fine collection of 'easy-to-float' foam models at the float-fly morning.



The rescue boat in action (thanks Duncan)..

Photos from the Warbirds Day.



Graham's 'big' Vampire (with new turbine).



Wayne's Phantom.



Spitfire's from Wayne and Andrew.



Dennis' Curtiss.



Sea Fury and Spifire.

General Photos from Our Field:



Matt's Yak.



Terry's 'Hybrid'



Lloyd preparing for the maiden of his mustang.



Pete's new Zero.



Ben and Jordan's Oscars heading out to do a show.



Dave's 'Lo Bee'.



Ron's Pitts.

Your committee;

Your committee members for 2020/2021:

President	Murray Irvine
Vice President	Paul Troon
Treasurer	Peter Stevens
Secretary	Andrew Reeve
Power Captain	Ron King
Heli Captain	Tristan Lynch
Committee	Mike Luke
Committee	Chris Hinkley

CnS Editor	Paul Troon
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The CnS newsletter is published every two months; Feb, Apr, Jun, Aug, Oct, and Dec.

WhatsApp Group:

If you are not connected to WhatsApp give Murray or Phil a call.

Facebook:

We are on Facebook. For those Facebook users out there, look up the Nelson Model Aero Club and add a 'like' to our page.

<https://www.facebook.com/search/top/?q=nelson%20model%20aero%20club>

Special offer for NMAC Members

COOL POWER – 1 Gal (US) or 3.785 litre containers **\$65 each**

BACK IN STOCK - NITRO ~ \$40 per litre

I don't have any bottles for the nitro so it's BYOB (Bring Your Own Bottle).
Contact Peter Stevens.

