

The Flyer **Crash 'n' Splash**

Nelson Model Aero Club

<http://nmac.org.nz>

February 2019

President's Piece

Happy new year everyone. I hope that you enjoyed the Christmas period and that you were lucky enough to get some nice modelling gifts from Santa. What about this weather? The hot days have been accompanied by stiff winds and calm days have been few and far between. I have been lucky enough to strike a few good mornings recently and the flying (and the company) has been great.

Club AGM: Traditionally our AGM has been held in May each year. This timing makes it difficult for us to administer our MFNZ responsibilities (primarily the managing of members' MFNZ fees which are due on the 1st April every year). Over the last couple of years we've talked about moving the AGM to a more convenient date. Fortunately our constitution gives us that flexibility and the committee have agreed to hold the AGM in February – please lock **Sunday 24th February** in your diaries.

I will put my nomination forward for the President's position and I'm very pleased that the current members of the committee will also put themselves forward for re-election. We have a good team on the committee at the moment and we have achieved some pleasing results over the year – it's great that the group will be together for the upcoming year. Peter Stevens has offered to host the meeting at Fords Restaurant in Trafalgar Street (thanks Peter).

If you can't make the AGM please put in an apology (to any member of the committee) to demonstrate your support for the volunteers who give up their time to run your club. Andrew will send more details about the meeting in early February.

Pits and Ground Care: You will have noticed that the pits area has been well trimmed and looking tidy over the last couple of months. It always concerns me how to keep the area in good shape. Members look at the long grass, comment that it needs mowing, and hop in their car and drive away – only to comment on the long grass again next time they come. There is no mowing roster in place and we rely on members to be pro-active. We only have a small membership so if you think something needs doing then go out and do it. Fortunately Terry Rodgers has been very generous and has spent time mowing and weed-whacking and the area is looking great – it's a real pleasure to turn up and have a nice place to set up and fly from. Thanks Terry for your good work.

New Members: We have several new members recently joined;

James Blacklaws: James has recently moved to Nelson from Christchurch and was a member there. He has been flying for many years in various areas of the hobby and brings a lot of experience to the club.

Murray Hall: You may have seen Murray out on the trainer already getting his flying started. He is a keen builder and brought out a lovely Spitfire he has scratch built (see photo later in the newsletter)

Colin Bell: Colin attended the introductory course at Waimea College last year and now has the opportunity to devote some time to the hobby.

Please welcome James, Murray, and Colin when you see them out at our flying sites.

Show and Tell: Lance has set a date for our next Show and Tell; please note Tuesday 5th March in your diaries. A reminder will be sent out prior to the date.

Look forward to seeing you at the AGM and out flying soon.

Happy Flying,
Murray Irvine

Notices

NMAC Subscriptions are now due for the 2019/20 season.

It's that time of the year again. We have been informed by MFNZ that the fees for 2019/20 have now been set (see their website for more info <http://www.modelflyingnz.org/membersinfo.html>). You need to pay your subscriptions as soon as possible so we can get your fees through to MFNZ by the 1st April to ensure that your membership is valid and you are covered by insurance. That gives us nearly two months but the earlier we can get onto it and start collecting your subs the easier and better it is for us all.

MFNZ have had to make a tough decision to put the subs up by the full amount authorised by their AGM. That's a \$13 increase for members. This is a direct result of having the insurance premium increase from \$14,000 to \$38,000 per year. The NMAC committee have agreed that we will pass these increases onto members at cost (i.e. the NMAC club fees will remain approx. the same).

Our fees for 2019/20 are therefore;

- Senior \$120
- Family \$130
- Junior \$40

Payment can be made direct to the club bank account - 03 0751 0228452 00
Please enter your first and last names as the reference.

Thanks for your assistance with this.

Regards
Peter Stevens
[Treasurer - Nelson Model Aero Club Inc.](#)
[227 Gardner Valley Rd](#)
[RD1 Upper Moutere 7173](#)

Your committee

Your committee members for 2018/2019:

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|----------------|---------------|
| President | Murray Irvine |
| Vice President | Andrew Reeve |
| Treasurer | Peter Stevens |
| Secretary | Andrew Reeve |
| Power Captain | Doug Stratton |
| Heli Captain | Lance Walford |
| Committee | Ron King |
| Committee | Gary Iti |
| Committee | Ben Carmine |
| Committee | Paul Troon |

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 now 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>

Care of Your Strip and Track:

Remember if it has rained any time in the 24 hours preceding your intended flying session can you please check the condition of the track **before** you drive out to the pits – *that especially includes 4WD owners.*

Special offer for NMAC Members

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

BACK IN STOCK - NITRO ~ \$35 per litre

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

From around the club



Scratch built Spitfire by new member Murray Hall.



A view of the strip – not an FPV photograph! It was taken from an Air NZ flight on a recent trip to Wellington



Sam and his Epsilon glider – the photo gives a good perspective of the size of the model.



Phil and Brian enjoying a calm morning at the strip.



Phil's FW190 – looking terrific prior to its maiden flight.



Several Phoenix gliders have recently appeared at the club (4 in recent weeks). The newer version is a good flyer and is proving popular. Here is Sam, with Amy poking her head around the wing.



Even for very experienced builders and pilots things do not always go according to plan - Phil recovering his FPV plane which will fly again.



The FPV team are getting quite sophisticated these days.



Murray demonstrating the finer points of the basic wings badge practical - note the chipmunk on very short final.



Still in one piece afterwards (its a folding propeller).

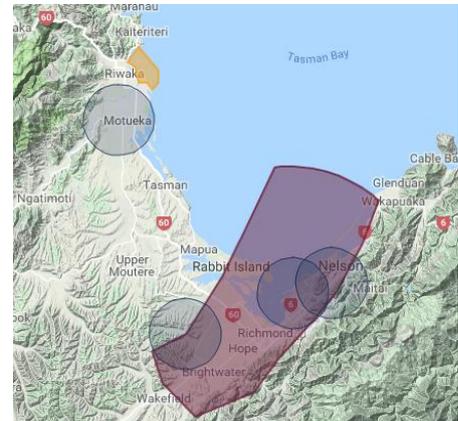
CAA Part 101 requirements

This document summarises the key CAA Part 101¹ rules for operation of remotely piloted model aircraft in New Zealand, and is intended to provide material to support members preparing for the MFNZ wings badge.

Introduction

Different rules apply depending on where you propose to fly your remotely piloted model aircraft. To find out which rules apply to your intended location you must consult the airshare map published at <https://www.airshare.co.nz/maps>

Rule 101.12 requires that you are aware of the airspace in which you fly, it is important to know and understand this map.



General rules

If you are flying in an area the airshare map does not identify as having special requirements, a basic set of rules apply. These are;

1. You must fly below 400 ft AGL.
2. You must avoid flying over people or property without the prior consent of the people or property owner.
3. Keep your aircraft within visual sight.
4. Look for and remain clear of manned aircraft.
5. Fly during daylight hours only.

Restricted areas:

There are a small number of areas you are not permitted to fly in these include low flying zones and military exercise areas. These are clearly marked on the airshare map. In the Nelson/Tasman area there is a low flying zone off the coast at Riwaka.

Shielded operation:

You may fly in any area other than a restricted area (including within 4km of an aerodrome and within a control zone) if your flying meets the definition of shielded operation. Shielded operation is defined in Part 101 as;

Shielded Operation means an operation of an aircraft within 100m of, and below the top of, a natural or man-made object.

If flying within a control zone of a controlled aerodrome² the additional requirements also apply to shielded operation

1. You must fly outside the boundary of the aerodrome, and
2. you must fly in airspace that is physically separated from the aerodrome by a barrier that is capable of arresting the flight of the aircraft.

¹ <https://www.caa.govt.nz/unmanned-aircraft/intro-to-part-101/>

² See further down for a description of a control zone.

Within 4km of an uncontrolled aerodrome:

The rules for operation with 4km of an uncontrolled aerodrome are:

1. You must hold an appropriate pilot qualification, or be supervised by a person who holds an appropriate pilot qualification. The MFNZ wings badge is an appropriate qualification.
2. You must have an agreement with the aerodrome operator and follow any instructions they give you.
3. You must have an observer in attendance.
4. You must not fly any higher than 400ft AGL.
5. In addition, if operating within 4km of a controlled aerodrome you must have authorisation from the relevant Air Traffic Control unit.

Inside the published control zone of a controlled aerodrome:

Other than shielded operation you may only fly within a published control zone with permission of the Air Traffic Control unit responsible for that zone, if granted permission you must obey any requirements or limitation they determine.

Flying at the NMAC Wakapuaka Site:

Our flying field at Wakapuaka is within a control zone and we have permission to fly from the Nelson ATC unit. The requirements for flying at this location are described in the Memorandum of Understanding the club has signed with Nelson ATC and are:

1. The extent of the authorised flying area is illustrated in the map contained in the MOU and has an upper limit of 400ft AGL.
 2. The flying area is permanently active, you do not need to advise ATC of your intended flight.
 3. You must watch for, and avoid flying in the vicinity of any manned aircraft.
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