

The newsletter of the Sport Aircraft Association (Auckland Chapter) Inc

Sport Aviator

May 2021



Committee 2020/21

EXECUTIVE COMMITTEE

President: Peter Armstrong

Vice President: Gary Briggs

Secretary: Keith Weale

COMMITTEE MEMBERS

Bill Luther David Wilkinson

Gavin Magill David Campbell-
Treasurer Morrison

OPERATIONAL POSITIONS

Newsletter Editor Technical Library
Gavin Magill David Wilkinson

Safety Officer Airspace Users Group
Norm Bartlett Norm Bartlett

Tool Library Webmaster
Manfred Scherbius Warren Sly

Catering
Chris Wade

TECHNICAL MENTORS

Wood & Fabric - Mike Tunnicliffe
Composites - Alistair McLachlan
Metal Skin - Kevin Paulsen
Avionics - Liviu Filimon

FRONT PAGE

Keith Weale's RV-12 ZK-VLF has been shifted from Pioneer Aero last week following completion of painting to the Fly DC3 hangar at Ardmore. Looking good.

Contents

- 2 Committee 2020/21
- 3 Presidents Corner
- 5 From the Editor
- 6 Chapter News
- 10 In the News & On the Web
- 11 Upcoming Events

Next Meeting

WHEN: Thursday 29th May 2021

WHERE: Auckland Society of Model

Engineers Club Rooms
Peterson Road, Panmure Basin
Mt Wellington

WHAT: Chapter AGM followed by

WHO: Paul McSweeney & Jason Harris

WHAT: This month's speakers are Paul McSweeney and Jason Harris from Pioneer Aero. Pioneer Aero is a full time, 100% dedicated facility specialising in the restoration and maintenance of ex-military and historical aircraft. While they are best known for their work on the Curtiss P-40 family of aircraft, they have the capability to complete any other piston engine Warbird. Restoration and maintenance of other aircraft types has encompassed the following; The rare Lavochkin La-9, Yak 3, Corsair, Strikemaster, P51 Mustang, Hawker Tempest MkII, T6 Harvards.



3 President's Corner

President's Report 2020-2021

As we enter into a new 2021 financial year let us all hope that past year of Covid is now finally put to bed. We have been fortunate to have come through to where we are at this time where it is all a distant memory (I hope).

Our club continues to thrive, this month we have attending students from Rosmini College who are building a plane as part of their school projects and to reiterate, and I quote Gary Briggs from last year's Presidents' report. "to build and complete an aircraft is not a challenge to be taken lightly and takes hours and hours of commitment and it normally takes twice as long as you plan".

I think it is fair to say that this past year ADS-B was (finally) put to bed, the CAA subsidy scheme is working and the date for compulsory use in controlled airspace extended to 31 Dec 2022. There are one or two anomalies still to be sorted but they relate to individual manufacturers and will be worked through. We now have our DL9 PPL which gives 98% of us the ability to do what we want to do without a Class 2 medical.

Both the above are major achievements which would not have been achieved without our association with the Aviation Federation and the work of our representative Evan Wheeler, for which I give thanks.

Our club donated \$1000 to Sir Keith Park Memorial which was used for the completion of the Hurricane Memorial at Thames Airfield (pictured).



Thankyou's

Gavin Magill for his continued efforts as Treasurer and producing a fantastic monthly newsletter. This really is the backbone of the Chapter.

Warren Sly for maintaining the Chapter's website.

Keith Weale, for his efforts as Chapter secretary. We are fortunate to have such a highly organised person providing our Chapter with a great service.

Chris Wade and Tom Goddard, for organizing the tea and biscuits – note we are now looking for a replacement so for any budding 5-star chef, we welcome your services.

Bill Luther and David Wilkinson, for organizing and keeping us entertained with the guest speakers you have found. And to the rest of the committee for their ongoing support and guidance.

And of course, to all our members, without them there would be no Chapter.

Note that as this is the last year of David Wilkinson's involvement, and as per our constitution, his 6 years of service has come to an end. I am looking forward to David starting another 6 years of service in some form shortly.

4 President's Corner Cont.

Events

The year 2020 ended with our Christmas BBQ at my Ardmore hangar on a cool December day which was enjoyed by those who attended. We all look forward to these BBQ's each year and it's a great opportunity to catch up with members.

Technical visits

We had no technical or workshop visits this year.

Guest Speakers

Steve Horne, owner of Tasman Motorsport, Steve is an Auckland Chapter member.

Gavin Trethewey on his time in the RNZAF.

Jim Barclay on his time in the RNZAF.

Anton Rutkowski, Ardmore Aircraft Services Ltd.

Keith Weale our very own member on building his RV12.

Paul McSweeney and Jason Harris from Pioneer Aero (this AGM).

Maiden Flights

David Wilkinson DR7 - One Design

Lloyd Morris Vans RV-7

Stephen Taylor Vans RV-12iS

Fly-ins

Thames Wings and Wheels, which was very well attended with lots of aircraft.

Black Sands at Te Kowhai.

Ashburton SportAvex with a good turn out from our Auckland Chapter

Awards

David Wilkinson for the One Design – Grand Champion and Aerobatics

Current Committee members are:

Peter Armstrong	President	Available for re-election
Gary Briggs	Vice President	Available for re-election
Keith Weale	Secretary	Available for re-election
Gavin Magill	Treasurer	Available for re-election
David Campbell-Morrison	Member	Available for re-election
Bill Luther	Member	Available for re-election

The minutes of the previous AGM and annual accounts have already been circulated for your approval. Please note that only fully paid up Full and Life members as at 31 March 2021 are eligible to vote at the AGM.

My thanks to the Club, and if re-elected I look forward to working with you over the next year.

Thanks

Peter Armstrong

President SAA Auckland Chapter



Hi everyone.

I usually say that another month has flown by but this month it is another year. With the Chapter AGM being

held this month, we close out what has been an eventful twelve months.

It being our AGM, I would ask that as many members as possible come to the meeting so we have the numbers necessary for a quorum. We will be making the AGM portion of the meeting as quick as possible so we can get on to hearing from our guest speakers.

The Minutes of the previous AGM have already been distributed. As you will recall, last years AGM was held by email ballot as we were in the middle of a nationwide lockdown, so our thanks must go to Keith Weale for sorting out a way to do this so we could meet our requirements as an Incorporated Society.

If you have any matters arising from the minutes, please have these ready for discussion so we can get through them without delay.

You will have also already received a copy of the Chapter Accounts for the 2020/2021 Financial Period so we would very much appreciate it if you could review these prior to the meeting so we can reduce the amount of time needed to get through the AGM.

On the projects front, my thanks go out to those who provided updates for the newsletter. Pickings were a little slim when I sent out the extra request on Monday, but I have had a good response since.

DCM was somewhat disappointed that he was not able to complete the maiden flight of his RV-12 in time for the newsletter. He has now completed the CAA inspection on his aircraft but the weather last weekend did not cooperate to allow the flight.

In speaking with Pete Walton, he is definitely at the 98% complete, 95% to go stage. To be fair Pete's RV-14 is very much on the home straight with just the final few avionics issues to sort out, the 100 hour inspection to complete and the CAA inspection to be undertaken. All things being equal, Pete's RV-14 should also have its maiden flight in the

next month. Then again, I have thought that before and been wrong. Fingers and toes crossed for Pete.

On the SAANZ front, I have a couple of matters I need to pass on from the last Council meeting.

The first is with regards to the new DL9 medical for the DL9 PPL. Members are reminded they need to send a copy of their DL9 medical to CAA and to keep a copy with them at all times while flying. As with the Class 1 and 2 medicals, we are required to keep our latest medicals with us and the same holds true with the DL9 medical.

Also, the Council is asking members to report any instances of being denied entry to airspace by Airways NZ. The Council has been asked to collate any such instances and forward these to CAA so they can hold Airways to task. If you have any instances, please forward details to the SAANZ Administrator at admin@saa.org.nz.

On the home front, my Sopwith Camel build is progressing. I have now rigged the main flying wires and will be moving on to the landing wires this coming weekend. As much as you would think this would be a relatively straight forward exercise, it is not. Installing, crimping, and rigging each cable is a fussy and slow process as the rigging obviously needs to be correct otherwise the aircraft will not be straight. I am looking forward to getting this complete and moving on to fitting the ribs to the wings.

Not much else to report so I will finish up and get this sent out. I hope you enjoy the newsletter.

Cheers

Gavin

PROJECT NEWS

DCM – Van's RV-12

By David Campbell Morrison

On Friday I had the pleasure of CAA inspector Gary Leach carry out his inspection and issue my RV12 SCM with the certificate making my aircraft fit to fly, (well weather depending) as a microlight.



It has been six years and while it seems a long time, it always was a journey, rather than a project to get into the air as quick as possible, and quite enjoyable too with not too much pressure. (Except from the Wilkinson's 😁).

I'm now looking forward to the right weather, it's exciting waiting. 🤔



My thanks go to a lot of people - really too many to mention, but my wife Susan gave me the most encouragement, especially when painting was not going well. 😊

PROJECT NEWS

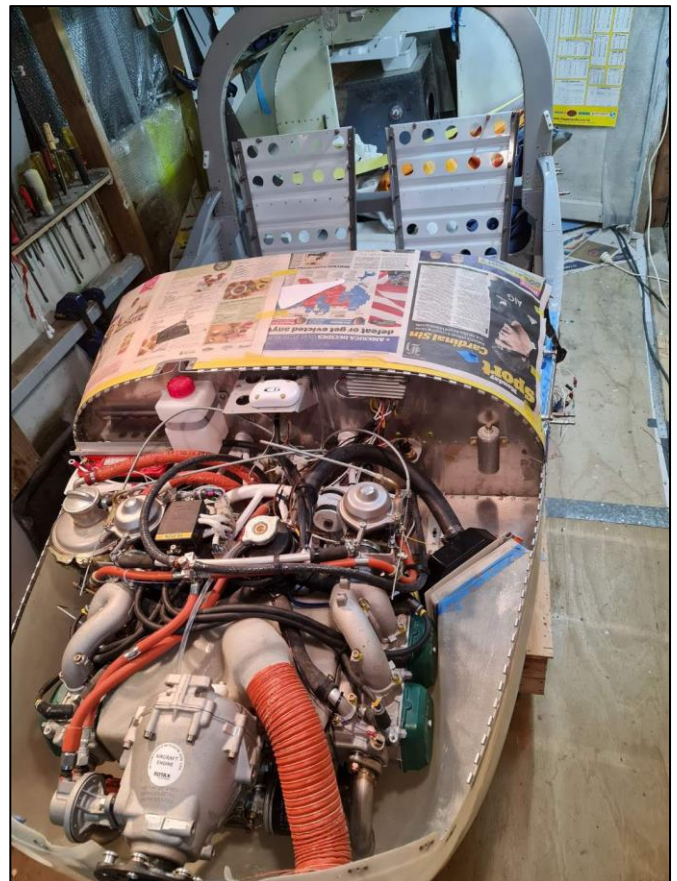
Gerard Kent – Vans RV-12

By Gerard Kent

Exhaust and engine controls all fitted.



Seats clecoed.



The next big job is to join the rear fuselage to the cockpit and engine assembly.

PROJECT NEWS

Ken Watters – Vans RV-6

By Ken Watters

Hi Gavin,

Notes and pictures on my progress below.

I am in the final stages now with just the plexiglass canopy and the engine cowling to go.



I am most grateful to Gary Briggs who came out on two separate days to assist with riveting the forward top skin and cutting and drilling the canopy.



I had got stuck without help and Gary got me going again. So, its 90% done and only 80% to go right now.

PROJECT NEWS

Keith Weale – Vans RV-12

By Keith Weale

ZK-VLF Van's Aircraft RV-12 shifted from Pioneer Aero, her home for the last six or seven months while being painted, next door to the Fly DC-3 hangar at Ardmore last week. I have been busy reinstalling the bits that had to be removed for painting and look forward to replacing the nose gear and nose wheel fork, and also the No 1 and No 2 exhausts as per recent service bulletins on the RV-12 before I start the home stretch.



MEMBER NEWS

Steve Chilcott – Raglan Airfield

By Steve Chilcott

After reading the Stuff article on the Raglan airfield problems I decided to write to the Waikato District mayor Allan Sanson. I thought there were a couple of comments in the article that were unfair and needed clarification. I also related two incidents at the airfield where people had not given way and chosen to cross the runway in front of me while I was landing.

My letter was acknowledged by the Mayor and I received a lengthy reply. He is very conscious of the problems occurring at Raglan and would be grateful for any occurrences similar to mine that people could advise him of to strengthen his case. So, if any members have had problems with people walking across in front of them while using Raglan, it would be to our advantage to pass them on to him.

I think we can all see in this day and age that the easiest course of action would be airfield closure due to health and safety so I think any support we can give to the council to redirect foot traffic away from the runway will work in our favour.

Allan.Sanson@waidc.govt.nz

Regards Steve

MEMBER NEWS

Guy Clapshaw – Percival Proctor

By Guy Clapshaw

My son made three videos about Proctor ZK-DPP, which might entertain fellow members on a dark night when the telly's broken, there's no beer in the fridge and the wife is round at her mother's.

Clip One - the one we made today with take and landing is here

<https://vimeo.com/553853366>

Clip Two - the one where I combined the plane walkabout with landings

<https://vimeo.com/551262816>

Clip Three - highlights from the Jean Movie

<https://vimeo.com/461278584>

ZK-DPP was used in the 'Jean' movie a few years ago and did a good impersonation of Jean Batten's Percival Gull VI, and Jan Chisum did an even better job with her original Gypsy Moth.



Regards,
Guy Clapshaw.

INDUSTRY NEWS

RAANZ North Island Roadshows

From RAANZ / SAC

RAANZ North Island Roadshows.

Feilding, Saturday 29/5/2021.

Parakai, Saturday 5/6/21.

Kerikeri, Sunday 6/6/21.

Start time 10.00 AM, break for lunch at 12.00 and continue at 1.00.

The RAANZ Roadshows are put on at RAANZ expense and presented by the RAANZ volunteer executive members.

They are an extremely important part of the continuing process of ensuring that our members, pilots and I/As are kept up to date with the constant changes in the way we operate.

It is particularly important that you attend these roadshows in your area, especially for aircraft owners and I/As.

There have been considerable changes in how we now operate and what your responsibilities are.

Examples are:

The on-condition program. Does it affect you and what is your understanding of this new process? What is acceptable and what is not. Transponders & ADSB.

Modifications, what is acceptable and what is not.

A/Ds, Service Bulletins. Human Factors etc.

Please note these dates and come along. We welcome all questions and discussion from the floor so if you are unsure of what is acceptable or correct in today's world, please ask on the day.

These road shows are open to anyone so let other pilots, owners etc know and to attend if they wish.

See you there.

From the RAANZ Roadshow team.

Stan Hyde RAANZ TECH

rshyde@xtra.co.nz

021 0453801

MEMBER NEWS

Don't use ABC Fire Extinguishers

Pete Hunt via Pete Walton

Good thread on VAF:

<https://vansairforce.net/community/showthread.php?t=180422>

The only fire extinguishers that should be used around our airplanes are Halon and perhaps CO2. The ABC fire extinguishers typically found in the stores are highly corrosive.

We had an airplane come to the shop for its first CI. It had been built by one of the "pro shops", whose name I will leave off. We discovered that the 4 spar bolts were missing as per the Van's SB, which there is no excuse for, as the airplane was less than a year old. In the process of opening up the flooring to insert the bolts, we noticed a horrible amount of corrosion on everything, including spar bolts, trim motor, trim springs, and all metal screws throughout the interior, and even the rear spar bolts. The pictures would make you cringe.



There was also a very fine powder throughout the interior of the aircraft, which I thought could have been fiberglass sanding residue. The corrosion looked like someone had spilled a bucket of acid inside the airplane, so we encouraged the owner to reach out to the builder.



He was informed that there had been a fire on the first engine start due to a disconnected fuel line and a fire extinguisher was used to put the fire out. Obviously, the wrong type of extinguisher!

I spoke to an arson investigator today who has a metallurgist on staff. He says the airplane should not be flown without being completely disassembled and thoroughly cleaned, as the dust from the fire extinguisher is now everywhere and it is extremely corrosive.

I can only imagine that some of the dust has also penetrated into the avionics and can only guess as to its impact down the road. The dust is as fine as flour.

I posted some pics on my FB page.

<https://www.facebook.com/vic.syracuse.7> and https://baselegphotos.shutterfly.com/pictures#n_5

Vic Syracuse

10 In the News & On the Web

ON THE WEB

US Pilot's license revoked due inop ADS-B.

Bruce Turner

This video is about a pilot in the US being prosecuted for not having her ADS-B turned on (maybe intentionally). Seems the FAA has the legal power to assume guilt unless you can prove innocence. In the US, if you have ADS-B installed it is mandatory to have it turned on at all times.



https://youtu.be/pYRqASMuo_g

ON THE WEB

Landing RV-8 on ice and drifting

Keith Weale



https://youtu.be/apXUK_ChezA

ON THE WEB

Strip Flying

Robin Hickman

Some good strip flying.



<https://www.youtube.com/watch?v=Tm7l11PGIdI>

ON THE WEB

AR-5

David Wilkinson

Hi David,

I really enjoyed reading your article in Sport Flying about the DR 107. After reading about your sandpapering marathon, I thought this clip might be of interest. This chap built the Arnold AR 5, which I think managed over 200 mph on a ridiculously small engine which created a lot of interest at the time (1990's I think) amongst the Reno racing fraternity.

Kind regards,

Dave Phillips



<https://www.youtube.com/watch?v=rxvoDbZpoY8&t=1s>

ON THE WEB

Ray Hanna

Rob Keith

Gavin, I just received 5 web links from my friend about Ray and Mark Hanna. Would they be of any interest to Chapter members.

Rob Keith



<https://vintageaviationecho.com/mark-hanna-pt-1/>

<https://vintageaviationecho.com/mark-hanna-pt-2/>

<https://vintageaviationecho.com/mark-hanna-pt-3/>

<https://vintageaviationecho.com/mark-hanna-pt-4/>

<https://vintageaviationecho.com/mark-hanna-pt-5/>

Chapter Events

2021

May 27	Chapter Monthly Meeting Last Thursday of the month 7.30pm at the Auckland Society of Model Engineers clubrooms, Petersen Dr, Panmure Basin
May 27	Auckland Chapter AGM Auckland Society of Model Engineers clubrooms, Peterson Rd, Panmure Basin, starting at 7:30pm.

Aviation Calendar

2021

Aviation Calendar

2021

Every Sat	Dargaville Aero Club The place is buzzing every Sat, wet or fine, windy or calm, and the catered lunch at 12.30 is good value, just don't be late! Club website is http://dargavilleac.weebly.com/ . If going as a group, please ring in advance so the cook expects you. Ph. Murray 027-478 4308 or club house on 09-439 8024.
Every Sun	Whangarei Flying Club Sunday Lunch Penny burgers every Sunday \$5. Contact Rusty 021 173 8942
Jun 06	Warbirds on Parade – D-Day Commemoration Ardmore Airfield Sunday 6 th June 2021 9:00am to 4:00pm Tickets: Adults \$30:00 / School Age \$5:00 / Under 5's free / Family Pass (2 adults + 3 children) \$66:00
Jun 06	RAANZ North Island Roadshows. Parakai Airfield Start time 10.00 AM, break for lunch at 12.00 and continue at 1.00. The RAANZ Roadshows are put on at RAANZ expense and presented by the RAANZ volunteer executive members. These road shows are open to anyone so let other pilots, owners etc know and to attend if they wish. Stan Hyde RAANZ TECH rshyde@xtra.co.nz 021 0453801
Jul 26 Aug 01	EAA Airventure 2021 Wittman Field Oshkosh Wisconsin Billed as the worlds greatest aviation event. www.eaa.org/en/airventure
Sep 03-05	Classic Fighter Airshow Omaka Aerodrome, Blenheim Airshow rescheduled to September following postponement of April show. www.classicfighters.co.nz



NZ Warbirds
AT ARDMORE



Presents

WARBIRDS ON PARADE

D-Day Commemoration

Sunday 6 June 2021

9:00am to 4:00pm Ardmore Airport

(Hamlin Road entrance only)

Tickets*: Adults \$30.00 / School Age \$5.00 / Under 5s Free



Online Only Family Pass** \$66.00

*a full refund will be available if the event is cancelled in advance due to weather, please see our T & C's.

** Family pass: 2 adults + 3 children - only available online.

RayWhite

SULO

