



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

Sport Aviator

January 2014



www.saaauckland.org.nz

Committee 2013

EXECUTIVE COMMITTEE

President:	Evan Wheeler 09 238 6081 027 924 807
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OPERATIONAL POSITIONS

Safety Officer Norm Bartlett 09 528 0108	Technical Library Sandy Wilson 09 536 4018
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Composites	Alistair McLachlan	299 2775
Metal Skin	Kevin Paulsen	296 5125
Avionics	Liviu Filimon	268 1199

FRONT PAGE

David Wilkinson stands happily in front of his pride and joy, RV-8 ZK-WLK at the Springhill Fly-In 14th December 2013, the day after its first flight at North Shore airfield.

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Next Meeting

WHEN: Thursday 30th Jan 2014 -7:15pm

WHERE: Auckland Society of Model
Engineers Club Rooms
Peterson Road, Panmure Basin
Mt Wellington

SPEAKER: TBA



No update available from Evan this month.



Hi Folks

Happy New year to everyone. I hope you all had an excellent break over the Xmas and New Year's period. For most of us the working year is already well underway

and the holidays are already starting to look like a dim memory.

The weather for the summer of 2013/2014 is proving to be a real mixed bag but despite this our membership continues to forge ahead with their respective projects and their flying.

We ended last year with our Christmas Social/BBQ at Graeme Weck's Patumahoe airstrip. A good number of the members took the opportunity to attend and Don Wilkinson, Brian Wigley, Kevin Paulsen and Alan Butler all braved the somewhat blustery conditions to fly in. Many thanks to President Evan Wheeler and his wife Michelle for arranging the event and the refreshments.

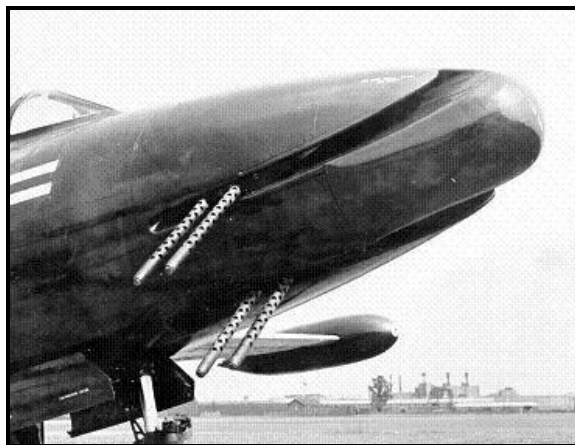
On the projects front you will probably all be aware that David Wilkinson completed the CAA signoff and first flight of his RV-8 ZK-WLK on Friday December 13th 2013. This flight was the culmination of an intensive fourteen month build which has in turn resulted in a truly outstanding aircraft. Well done David.

Unfortunately the start of 2014 has been marred by the loss of Dennis Horne's Jabiru aircraft in a widely publicised accident at Martins Bay North of Auckland. This is doubly unfortunate as Dennis and Manfred Scherbius had just completed the rebuild of the Jabiru engine after it failed following takeoff from Thames in late November. They were able to source a new engine core from Australia and this arrived December 24th and the guys then

worked through Xmas to get the engine built up and fitted to ORN. Given the damage inflicted in the more recent event they will no doubt be extremely disappointed at the outcome. Personally I am just pleased to see that neither Dennis or Manfred were hurt in the incident and we will hopefully see them back in the skies in the not too distant future.

There have been a number of aviation events round the country in the last couple of months and I have managed to get to a few of these. These include the NMC Xmas Fly-In at Springhill, the Walsh Memorial Flying School at Matamata and the Tauranga Airshow for the practice day last Saturday. I have included some photos from some of these in the newsletter.

The mystery aircraft from the last newsletter was identified by Warren Sly. It was a Grumman F9 Panther fitted with an experimental multiple 50cal Browning installation. Apparently not a success.



Barry has provided another mystery aircraft this month. So have a go and see if you can identify it. There is a chocky fish in it for the first correct answer.

Hope you enjoy the newsletter.

See you all on Thursday

Cheers Gavin

MEMBER NEWS

David Wilkinson – RV-8

By David Wilkinson

As mentioned earlier, David Wilkinson completed the first flight of his RV-8 on Friday 13th December at North Shore airfield. The photos below of the event were kindly provided by Keith Morris from his blog. (nzcivair.blogspot.com).



Copyright Keith Morris 2013



Copyright Keith Morris 2013

The next day David flew WLK to the Northern Microlight Club Xmas fly-in at Springhill (with spats now fitted).



The very tidy office space.

David is extremely pleased with the aircraft as can be attested by the following update he sent in.

'I have flown off the 40 hrs and CAA have issued my non-terminating certificate of Airworthiness. 42 hours in a month, cannot wait for the gas bill ??? No issues with the aircraft, I have been exploring the world of inverted flight which is a new experience.... Grant Benns carried out all the aerobatic testing before I began aerobating it. Many Thanks to all SAA Auckland members who have helped me out and answered the millions of questions that needed to be answered.'

PROJECT UPDATE

Paul Blackmore – Sonex

By Gavin Magill

Another aircraft rapidly approaching completion is Paul Blackmore's Sonex. Paul's scratch built Sonex has been some eight years in the making and is now only in need of final assembly and sign off.

Paul has been busy painting his aircraft in a paint booth set up in his garage at home in Pukekohe. He is hoping to have the aircraft in the air before the summer is over.



The wings hardening in the conservatory.



Paul with various other painted components.



The fuselage beside the paint booth.



Being painted.



The end result.

PROJECT UPDATE

Ken Watters - RV7

By Ken Watters

Most of the small parts and fuselage skins are now Alodined and ready for painting.



I used two small kiddie pools for the smaller parts and then cut and joined them together for the longer fuselage skins.



I am sorry I didn't do this with the tail feathers and the wing parts.



Rear fuselage canoe is now riveted and parked waiting for centre fuse to join on.



Just started assembling the centre fuselage.
Ken Watters

PROJECT UPDATE

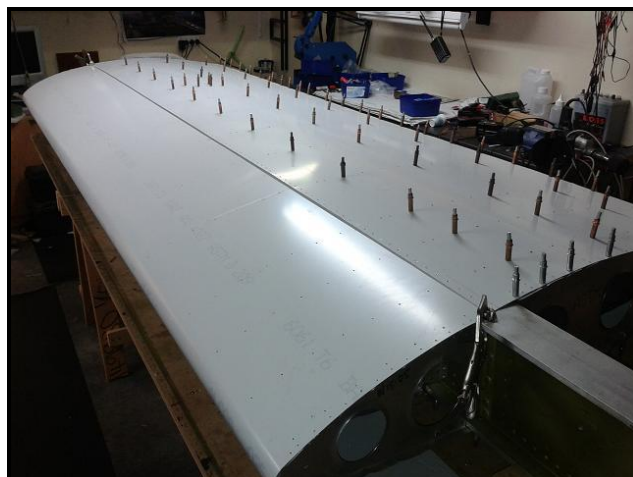
Gary Briggs – Sonex

By Gary Briggs

The left wing is complete and in storage, only the root doubler to be fitted after the wings have been fitted to the fuselage.



The right wing has progressed nicely, busy fitting the leading edge skin then deburr, dimple and assemble. Gary



PROJECT UPDATE

New Tailwheel for Sonex JQP

By Gavin Magill

At Oshkosh 2013, Sonex Aircraft released a new tailwheel assembly for its range of aircraft. The new tailwheel comes in 4" and 6" sizes and is designed for use on grass strips. For those of you familiar with the Sonex, you will know that the original 3" tailwheel offered very little clearance between the tailwheel pivot bolt and the ground. About a 1/2 inch at most.



As a syndicate we decided to invest in one of the new 6" wheels and this arrived in October and I then installed the new tailwheel over the Xmas break.



The new wheel is quieter during taxi and has little or no effect on tailwheel pickup during takeoff. It also now gives 2+ inches of ground clearance. The only real noticeable difference is the slightly different landing attitude as the tail does not sink as far during round out. All in all a very worthwhile investment for the aircraft.



Size comparison

MEMBER NEWS

Barry Gillingwater

By Barry Gillingwater

A quick update from me in the 'sunny' Bay of Plenty.

I've already made contact with the local SAANZ chapter. Also have commenced the building work required to upgrade a general-purpose barn at our new house into a suitable workshop for a project.

Had a minor glitch in efforts to get airborne again with the insertion of a stent into an artery. This was picked up during my recent CPL renewal medical. I now have a 'stand-down' period of 6 months before being re-tested medically. The good news is the rest of the heart and its associated plumbing passed out as A1 apart from the lesion which they found (and fixed).

When I get the licence back I intend taking up a share in a Stearman at Classic Flyers, Tauranga to keep in practice.

Hope to catch up with many of you this coming weekend at the Tauranga Show.

Cheers

Barry

MEMBER NEWS

Aircraft For Sale

By Jon Farmer

Morgan Aero Works CHEETAH Microlight
All metal, low wing, Rotax 912 80hp,
Ivoprop in-flight adjustable prop, Cleveland
wheels and brakes, radio/ intercom,
transponder, standard instruments. Cruise
around 100kts. Wings and tailplane
removable by two persons in about 15
minutes. For the cost of a year's rent at
Ardmore, you can get a custom trailer built
and keep the aircraft at home. Genuine
reason for sale : I presently own three and
a half aircraft and a wife. Something has to
go. (No wisecracks, please). Engine and
airframe less than 20 hours. For sale, at
greatly reduced price (by order of Her who
shall be obeyed !!) \$55,000.00.

Ph 5200641 or <jk.farmer@xtra.co.nz>.

MEMBER NEWS

Jon Farmer – Rotax Flywheel Puller

By Jon Farmer

About 10 years ago Rotax put out a
mandatory AD requiring all 912 engines to
replace the stator in the flywheel alternator.
This was because in one, or perhaps two
cases, the owners had fired so much 'quick
start' into the carburettors that some
solvent had got onto the stator coils and
dissolved the insulation varnish. Because
the stator windings include charge
generators for the ignition systems as well
battery charge, the subject aircraft suffered
ignition failure. New stator coils, with
solvent resistant insulation, were made
available free of charge to all Rotax 912
owners but it was left to the individual
owners to install them.

Several 912 owners at Pikes point got
together and bought a Rotax flywheel puller
which screws onto a male thread on the
securing bolt boss. After all 912's, about six
from memory, had been fitted with the new
stators I seem to have ended up with the
puller which I found in a box of 'valuable'
junk the other day. As I still have two 912s,
I'll hang on to the puller for the time being
then put it in the Chapter tool library but if
anyone requires it in the meantime, just ask
me

CHAPTER NEWS

Popemobile Sold

By Gordon Sanders

In the November issue of *Sport Aviator* I
reported that a conditional sale
agreement for the Chapter's comms
van, aka popemobile, had been reached
with NZ Warbirds. I am pleased to
report that the sale has now gone
through and settlement received. The
van's first deployment for Warbirds was
to the Whitianga Warbirds and Wheels
event at the start of this month.

Gordon Sanders

RNZAF NEWS

Beechcraft T6C Texan II for RNZAF

By Chris Rarere

The CAF RNZAF has stated at an ATC
event on the 23rd January 2014 that the
RNZAF is to get Beechcraft T6C Texan II
as its primary pilot trainer.

This has been confirmed on the
Beechcraft website.

<http://newsroom.hawkerbeechcraft.com/news/beechcraft-signs-contracts-with-royal-new-zealand-air-force-for-11-t-6c-trainer-aircraft-and-fully-integrated-flight-training-solution/>

First aircraft to be delivered June 2014.
Eleven aircraft in total.



OSHKOSH NEWS

Affordable Oshkosh trip

By Warren Butler

I am going to Oshkosh this year and would like to put this out to whoever may be interested. Please distribute freely.

This will be my 3rd Oshkosh visit and it works out much cheaper than any other way of doing Oshkosh.

Firstly, I meet up with the South African camping group which averages around 100 people each year. There are formal tents pre-arranged with camp-style stretchers, very comfortable, but not a hotel as you can imagine.

Evening entertainment is included. There is even a telephone in the camp hut.

Evening meals are a "pay and share" affair with either a BBQ, sheep-on-the-spit, baked salmon, camp stew, to name a few options.

A caravan is always available with liquid refreshments purchased via a ticket system.

The campsite is at Camp Scholler, directly opposite one of the main airshow entrances (walking distance), so you are always right-up-close to the action.

The camping costs are less than \$1000 for the entire week. Tent, bedding and a basic breakfast is all included – unlimited teas and coffees.

It will cost around US\$100 to the EAA for the week's entry to the airshow as well as annual EAA membership with a monthly EAA magazine.

Return flights from AKL to Chicago return are around NZ\$2000. We hook up with the South African tour group on Sunday 27th July at O'Hare, Chicago. They will arrive from Paris on Air France.

Back to O'Hare on Monday 4th August at around midday for return flight back to NZ.

For those who haven't done the Oshkosh pilgrimage, it really should be on your 'bucket list.' For those who have already been there, I can assure you that you probably paid way, way more on your last trip than these great rates.

Neil Bowden from Air Adventure Tours has been putting on these tours for around 15 years. He does Farnborough, RIAT, Duxford, Sturgis Harley Davidson motorcycle Route 66 tours, Sun 'n Fun, etc, etc. All tours are very well planned and great value for money.

Have a look here to see the fun we had last time.

<http://www.youtube.com/watch?v=o9OhfQ8SFwQ>

Contact me for any further info. Hope you can join me there!

Warren Butler

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SAANZ NEWS

50th Anniversary Fly-In Registrations

By Adrienne Fillery

To SAANZ Members

SportAvex/50th Anniversary Fly-in Online Registration Form is now available on the SAA website. Just click on the following link to take you to the Registration Form page, via the Members Login screen.

http://www.saa.org.nz/members_anniversary_reg_form.php?

Regards

Adrienne

By Gavin Magill



Kevin Paulsen's RV and Cub which Alan Butler flew



Don's TOY and Brian Wigley's Grumman



Nev Hay and Kevin Paulsen check out TOY.



Alistair McLachlan and Kevin Paulsen



12 NMC Fly-In Springhill – 14 Dec 13

The weather was very kind to the NMC for their pre Xmas fly-in.

A few members from the Auckland Chapter attended including David Wilkinson in his RV-8 that had only flown for the first time the previous day.

The Springhill airfield was immaculate and with the fine weather it proved to be a perfect venue for a pre-Xmas BBQ.

NMC president Rex Swensson welcomed everyone who attended and thanked the NMC team for their effort as well as wishing everyone a very Merry Christmas and Happy New Year.

Brian Millet noted in the NMC newsletter that the total number of aircraft in attendance was 29, plus two gyrocopters and 1 sailplane.



WLK attracted a lot of attention.



Springhill's excellent facilities for a BBQ.



David Wilkinson arriving in WLK.



And Don Wilkinson in TOY



NMC President Rex Swensson addresses the attendee's as Brian Millett looks on.

13 Tauranga Airshow - Sat 25 Jan 14

By Gavin Magill



A view along the SAA static display line.



A veritable flock of gyrocopters



The view in the other direction.



Kevin Paulsen arrives from a pick up.



SAA marquee and Bruce Cooke's aircraft.



Peter Walton's T51



A hangar full of homebuilts.



A Seawind based at TG.

14 Tauranga Airshow Continued



Norm Bartlett and Don Kirk arriving.



WLK on the display line.



A Murphy Super Rebel. It was huge.



RV7 ZK-DES on the flying display line.



This gorgeous Cessna 195 arrived later.



Europa ZK-EPA on the flying display line.



TNT and TOY on the flying display line



Pitts Special ZK-ELI on the display line.

15 Mystery Aircraft Quiz by Barry Gillingwater

A test for all those plane spotters out there.

Identify the mystery aircraft in the picture below and email your answer to the editor at gavin.magill@gmail.com before the next Chapter meeting and the first person to correctly identify the aircraft will earn themselves a chocolate fish prize.

Note you will need to turn up to the meeting to collect your prize. 😊



ON THE WEB

Massive A380 MODEL

From Karl Pudney

Hi Gavin

This might be of interest to the team.

<http://www.youtube.com/watch?v=-Rt9zX1rZFU>

Cheers

Karl



ON THE WEB

Brussels Air Museum

From Robin Hickman

Brussels Air Museum - Great Collection

All Aviation buffs should see the Pissart JP 11 and the Topsy Nipper

There are some real jewels here.

<http://www.sbap.be/museum/brussels/brussels.htm>



ON THE WEB

A Pilot Father's Love

From Anon

Most people today think it improper to discipline children, so I have tried other methods to control kids when they have had one of 'those moments.'

Since I'm a pilot, one method that I have found very effective is for me to just take the child for a short flight during which I say nothing and give the child the opportunity to reflect on his or her behaviour.

I don't know whether it's the steady vibration from the engines, or just the time away from any distractions such as TV, video games, computer, iPod, etc. Either way, the kid usually calms down and stops misbehaving after our flight together. I believe that eye to eye contact during these sessions is an important element in achieving the desired results.

I've included a photo below of one of my sessions with a child, in case you would like to use the technique.



ON THE WEB

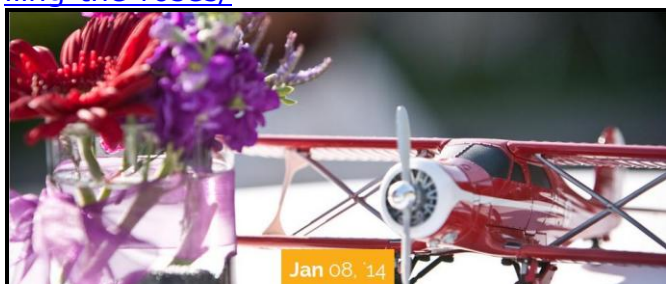
Smelling The Roses

From Gavin Magill

An interesting read that came to me via one of the mail groups I belong to.

"Nobody moves faster than those of us who spend our days flying an aircraft. The question is, are we taking the time to look around? If not, we should, because you never know when that life will come to a sudden and unexpected end."

<http://www.rapp.org/archives/2014/01/smelling-the-roses/>



Smelling the Roses

ON THE WEB

Typhoon Flight

From Barry Gillingwater

Volume UP!

Full screen GO!

ENJOY

<http://metro.co.uk/2014/01/22/afraid-of-flying-look-away-now-incredible-video-puts-you-in-the-passenger-seat-of-a-typhoon-fighter-jet-4272905/>



ON THE WEB

Pardo's Push

From Nev Hay

This one is interesting Gavin

Nev

www.youtube.com/embed/RRNbcPS3A9c?feature=playerdetail



ON THE WEB

The Last DC-7

From Barry Gillingwater

The last of the DC7-Cs rolled off the Santa Monica assembly line in June, 1959.

It was an extended range intercontinental version. Great aircraft!!! Douglas was king. The airlines actually gave you service & space back then!!!

This clip on the DC-7 will have you grinning from ear to ear! PUT IT ON FULL SCREEN!

<http://marcbrecy.perso.neuf.fr/DC7.html>



Chapter Events

2013

Jan 30 Chapter Monthly Meeting
Speaker: TBA
Title:

Aviation Calendar

2014

Every Sat Dargaville Aero Club
 The place is buzzing every Sat, wet or fine, windy or calm, and the \$10 lunch at 12.30 is good value. Club is on the web at http://www.flyingnz.co.nz/club_pages/dargaville.html. If going as a group please have the courtesy to ring in advance so the cook expects you. Contact Murray on 027-478 4308 or the club house on 09-439 8024.

3rd Sun Turangi Aero Club Fly-In
Each All welcome for a BBQ lunch.
Month Contact Tony on 027-453 3740

Feb 01-02 Healthy Bastards Bush Pilot Champs
Omaka Airfield, Blenheim
 More info to come at www.marlbroughaeroclub.co.nz

Feb 09 Open Day and Model Fun Fly
Highbrook Model Park, Pukekiwiriki Place, Highbrook
 From 9.30 a.m. Entry free. See a wide range of vintage to modern radio controlled aircraft and helicopters. More info at <http://roskillmodellersclub.wordpress.com/highbrook-open-day-fun-fly-2013/>

Feb 20-22 Flying NZ National Champs
Tauranga Aero Club
 More info at www.flyingnz.co.nz

Feb 22-23 Tiger Moth AGM & Fly-in
Location TBA
 For more info contact Maeva Smith on 03-208 9755 or croyair@ispnz.co.nz

Feb 22 WW1 Evening Airshow
Hood Aerodrome, Materton
 The Vintage Aviator Ltd. More info at <http://www.eventfinder.co.nz/2014/the-vintage-aviator-ltd-wwi-evening-air-show/masterton> or www.thevintageaviator.co.nz. Regrettably events on the latter site are somewhat out of date.

Aviation Calendar

2014 Continued

Feb 22-23 Napier Art-Deco Weekend
Hawkes bay Airport, Napier
 Includes airshow and static displays both days 10:00 to 16:00 at Hawkes Bay Airport, Napier. A really full weekend with events for all tastes. There are so many events it's easiest to Google 'Tremains Art Deco Weekend' to see what interests you most.

Mar 7-9 SAA SportAvex and Golden Jubilee
Bridge Pa Airfield Hastings
 50th Anniversary of AACAA/SAA at Bridge Pa aerodrome, Hastings. Start planning to be there as it will be a big one. No airshow, just a celebration fly-in. Includes AGM and Wings dinner. Evan Wheeler is coordinating the event so all offers of assistance to him please.

Mar 26-30 Balloons Over Waikato
 Promises to be the biggest and brightest yet, celebrating Hamilton's 150th and Waikato Uni's 50th anniversaries. Admission free. Full info, including details of the nightglow and concert at: www.balloonsoverwaikato.co.nz

Apr 06 Coastal Air Race/Rally
Dargaville Airfield Start
 Start from Dargaville airfield at 1.30 p.m. A brand new fun event with some basic navigation and observation skills required. Course length approx. 40 miles. Results by afternoon tea time with prizes awarded by Bob Syron.

Apr 18-20 Warbirds Over Wanaka
Wanaka Airfield, Wanaka
 As for the Tauranga event, SAA will be supporting with a fly-in, our aircraft on display in the public area, and possibly some aircraft in the flying displays. Graham Taylor is coordinating the SAA participation. WOW is actively seeking more Sport and Amateur Built Aircraft participation. Can you help?

If members are aware of other events that could be of interest to others please pass the details to Gordon Sanders - gordon@sanders.gen.nz.