

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

Sport Aviator

September 2016



Committee 2016

EXECUTIVE COMMITTEE

President:	David Wilkinson 021 468 270
Vice President:	Gary Briggs 09 277 9959 021 168 7206
Secretary:	Ken Watters 09 535 2435 027 565 9596
Treasurer:	Gordon Sanders 09 534 2464 021 266 0585

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OPERATIONAL POSITIONS

Safety Officer Norm Bartlett 09 528 0108 027 611 2153	Technical Library Rob Keith 09 534 3845
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Wood & Fabric	Mike Tunnicliffe	09 237 8173
Composites	Alistair McLachlan	299 2775
Metal Skin	Kevin Paulsen	296 5125
Avionics	Liviu Filimon	268 1199

FRONT PAGE

I hope readers will forgive the editor a bit of pride in this months' cover image. ZK-ZXZ parked in the hangar at our home in Whitianga.

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Next Meeting

WHEN: Thursday 29th September 2016

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

SUBJECTS: Paul Edgar has his tiny SD1 Minisport almost ready to fly at North Shore and will talk on the plane. The SD1 has a 2 Cylinder, 36 HP engine and T tail.





Hi Everyone.

Well the latest Mosquito has flown successfully from Ardmore this afternoon.

Congratulations to all involved, it is a fantastic achievement for a little country like NZ. Even better that there was an SAA member, Keith Skilling, flying with Dave Phillips at the controls.

On a slightly smaller note (but just as cool) the newest Corby Starlet of the North Shore squadron is heading to the airfield this weekend for final assembly and hopefully the first flight in the near future. Gordon Lindsay's Corby ZK-YGL has been some 30 years in the making and is soon to be airborne.

The DR 107 is still progressing with the ailerons now fitted. Time to set up the pushrods and bell cranks.

The flying things of side has been limited over the past few weeks due to weather but my daughter Pippa and I in the RV8 chased by Dad in TOY managed to visit Delys and Gavin's new house on the Whitianga airfield. What a fantastic design/location and achievement. They both look very happy and the jug is always hot so if you get the chance give Gavin a call and head on down.

The guest speaker this month is Paul Edgar who has nearly completed an SD Minisport JCV360 and it looks like a very interesting aircraft.

That's enough from me and we will see you all at the meeting.

Cheers

David



Hi Everyone

As David mentioned in his Presidents report, Delys and I are now residing at Whitianga most weekends. With our house in Papakura now sold we are in the process of slowly moving our possessions over to the new house as time and weather permit.

One of the first items to be moved across was ZXZ as can be seen from the cover photo. Delys and I are very happy with the house and I am looking forward to getting my KR2S project moved across so I can get back to work on it.

It was great to have Don, David and Pippa come to visit us in Whitianga and we are more than happy to receive other visitors but it would pay to give us a call before arriving to make sure we are going to be home, particularly through until November 25th which is our settlement date.

The Chapter visit to Gary Briggs' workshop was well attended by members and I have included a range of photos from the visit in the newsletter. Gary is progressing well with the installation of the Rotax in his Sonex but says he is spending a lot of time just thinking through things. Gary explained that the Sonex cowling does not leave a lot of room for the Rotax accessories and he is having to play Tetris with the components to get them to fit. Many thanks once again to Gary and his wife Susan for hosting the Chapter.

Most of you will already have seen that the Waikato Chapter have advertised the Black Sands event for 2016. See the following link http://www.saa.org.nz/public_pages/events.php for details and a copy of the information pack. There is also a copy of the flyer at the back of this newsletter. For those intending to go please download the info pack to familiarise yourself with the schedule for this very popular event on the Aviation calendar.

Also advertised on the SAANZ Events page is Great Plains 2017 fly-in. I received the information pack for Great Plains last week and this should be posted on the website by the time you receive this newsletter.

Note that if you are intending to go to Great Plains, please remember that the Ashburton Aviation Museum are organising the registrations, not SAANZ, so please don't send registration forms or money to the SAANZ Admin email address. ☺

On another SAANZ matter, please be aware that the closing date for articles and copy for the Spring 2016 edition of Sport Flying magazine is October 3rd 2016. John King is always keen to receive articles from SAANZ members about their aircraft and adventures so if you have a story to tell please get in contact with John to let him know you wish to contribute.

On to the Mystery aircraft. The mystery aircraft for August was correctly identified by Steve Stride and Keith Weale as the XF-84H Thunderscreech. (Love that name.) Wikipedia has the following to say about the aircraft.

The Republic XF-84H "Thunderscreech" was an experimental turboprop aircraft derived from the F-84F Thunderstreak. Powered by a turbine engine mated to a supersonic propeller, the XF-84H had the potential to set the unofficial air speed record for propeller-driven aircraft, but was unable to overcome teething aerodynamic deficiencies, resulting in the cancellation of the program.



Barry has sent another mystery aircraft picture for this month. Give it a go.

Enjoy the newsletter. See you Thursday night.

Cheers
Gavin

PROJECT UPDATE

Paul Edgar – SD1 MiniSport

By Paul Edgar

Undercoating has begun and has revealed all the nicks and dents so filling and sanding are the order of the day at present. I've re-mortgaged my house to buy the paint, the topcoat of which is a very visible effervescent lime, sort of a high-viz yellow green colour, not something that will be missed.

Sanding is, I have decided, a pain in the arse. Just when I think I have a smooth finish ready for paint, the late afternoon sun tells me otherwise, and thanks to 240 grit, if I get arrested in the near future, Interpol will be contacted to verify the guy covered in white dust, without finger prints is not an international terrorist/drug lord. So all has been revealed and is highlighting the amount of work still remaining.

On the plus side my paint tent is a winner. I strung wire across the shed, bought a roll of polythene, made a roof and taped sides on. A few slits covered with cloth for fresh air vents, an extractor fan that could suck the shirt right off your back, courtesy of Don W, some walls of cheap boxing and hey presto, a paint tent.



My rebreather also works well. An old plastic dust mask with four meters of 30mm clear polythene tube attached to an old hair dryer, placed outside the tent, provide me with cold fresh air as well as a windswept look. I didn't realise how good it was until a kink in the tube had me reeling from the paint fumes.



A trip to the doctor this week revealed that I have double pneumonia after a particularly nasty cold, so there's no sanding when your lungs are full of wall paper paste. After four days I've become restless and have decided to take myself off to the plane museum to help research my favourite flyer, Richard Pearce. Should keep my brain occupied.

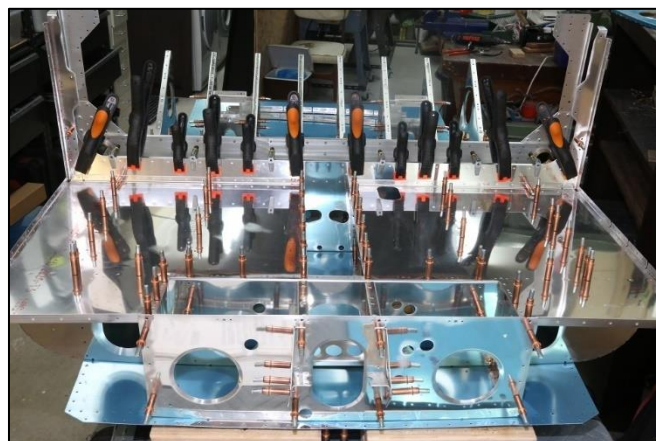
Happy building

PROJECT UPDATE

Keith Weale – RV12

By Keith Weale

I have finished the wings, complete with navigation lights and landing light, and have made some good progress on the fuselage baggage compartment and seating floor sections.



The photo shows as much as possible clecoed into place to make absolutely sure that I have everything aligned before drilling 75 holes into the expensive looking centre section bulkhead. It also helps me with working out what holes to dimple into the floors and ribs, and what parts will be visible that might need a topcoat before final assembly.

MEMBER NEWS

Gavin Magill – Hangar House

By Hangar House

Don, David and Pippa Wilkinson came to visit Delys and I at our new house in Whitianga.

Pippa was very shy for all of about 30 seconds before she made herself at home and Delys spent 20 minutes or so answering all her questions.

Thanks to Don and David for coming to visit and christening the house so to speak. 😊



Don arriving in TOY.



TOY and TNT in the front yard.



David straps Pippa into WLK before departure.

PROJECT UPDATE

David Campbell -Morrison – RV12

By DCM

RV 12 canopy fibreglass fairing done as per the instructions on the plan and it worked perfectly which is always a worry, will it release and it did, now on with fairing it off.



PROJECT UPDATE

Ken Watters – RV-7

By Ken Watters

Not much really to report since last month. I have been working on the electrical wiring which is proving to be a significant challenge for me.



MEMBER NEWS

Gordon Sanders – Photos

By Gordon Sanders

The following are a couple of images from some negatives in Gordons collection.

The first image is heart-breaking to see. Hard to imagine this being done to what would now be multimillion dollar aircraft.



"Sacrilege - P51s being chopped up for scrap. Woodbourne 1958'.

The second image Gordon provided he has suggested we turn into a bit of a Mystery Vehicle competition. The first correct answer gets one chocky fish to name the vehicle, a second to give its function. Gordon will provide the chocky fish.



Can you guess the name and function of this Mystery vehicle?

MEMBER NEWS

Norm Bartlett – Visit to Pauanui

By Norm Bartlett

Recent visit to Pauanui. Tom Schnackenberg and Norm.



8 Gary Briggs Workshop Visit

WORKSHOP VISIT

Gary Briggs Sonex Project

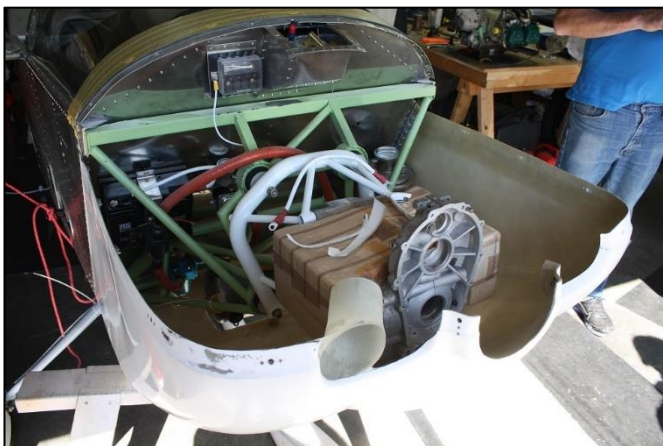
By Gavin Magill

Gary and Susan Briggs kindly hosted the Chapter for a workshop visit on the 10th of September. Gary has made considerable progress since our visit last year.

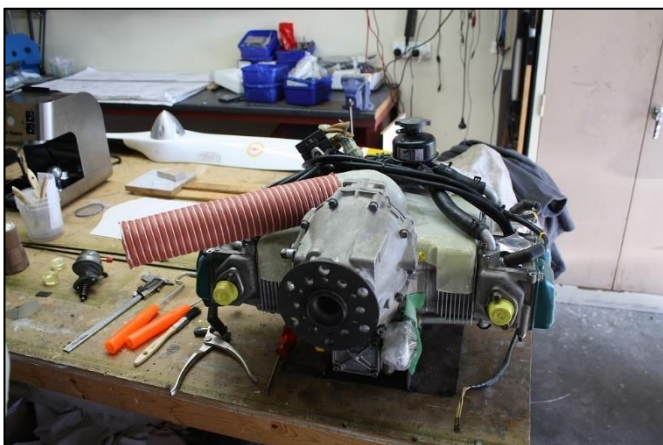
His current focus is on getting the engine and accessories installed. This is proving quite a challenge in the cramped confines of the Sonex cowl.



Gary and Ken Watters survey the engine bay.



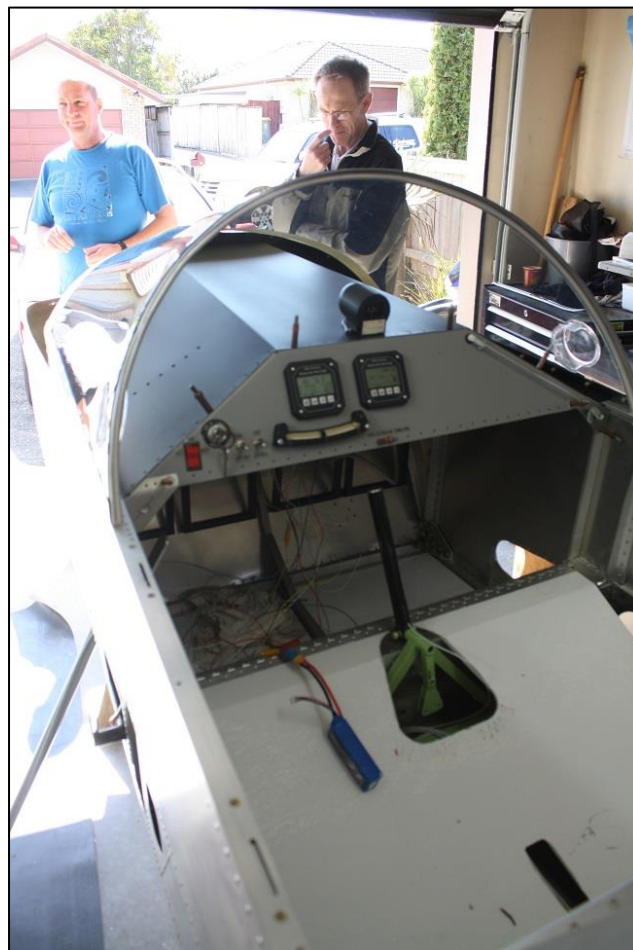
A cardboard template fills in for the engine block.



The engine sitting on the bench awaiting mounting in its new home.



Keith Weale looking for some handy hints perhaps.



Gary is keeping the office very clean and simple.



9 Mystery Aircraft Quiz by Barry Gillingwater

Barry Gillingwater has sent another interesting aircraft for you to try and identify. Email your answer to the editor at gavin.magill@gmail.com before the next Chapter meeting and the first person to get the correct answer will earn a chocolate fish prize. Note you will need to turn up to the meeting to collect your prize.



10 In The News & On The Web

ON THE WEB

The Sheddies

From Gavin Magill

Most guys reading this will be able to relate.

The Sheddies



ON THE WEB

Heart of Aviation Video

From Gavin Magill

Great video

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



ON THE WEB

Mata Fly-In Video

From NMC Newsletter

Mata Flyin video from Bruce Reynolds.

https://www.youtube.com/watch?v=P4ZCEZc7kWI&list=UU32YcIRk370A4_KZD-AQ7Wg



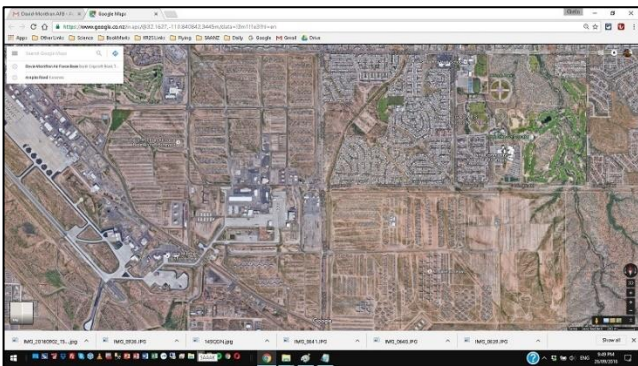
ON THE WEB

Aircraft Boneyard on Google Maps

From Gavin Magill

Davis Monthan - Aircraft graveyard is now on Google Maps.

<https://www.google.co.nz/maps/@32.1627,-110.840842,3445m/data=!3m1!1e3?hl=en>



ON THE WEB

GE Engine Test Facility

From Rob Keith

GE engine test facility at Peebles, Ohio. The golf ball like object is the turbulence control sphere. It serves as a wind shelter for controlling wind intake during simulations of engine distress. The large object on the right is the wind generator.

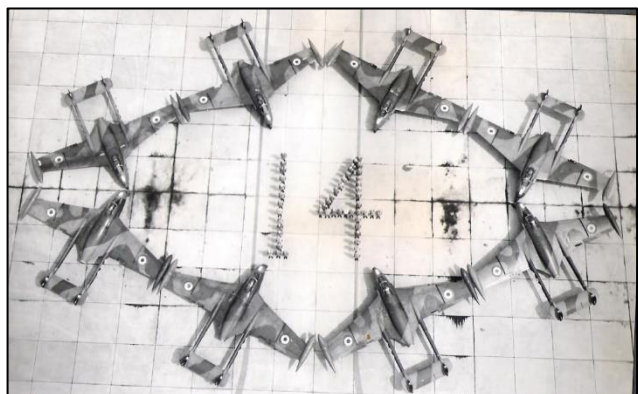


ON THE WEB

Sqn Leader B.J. Reid Photo Collection

From Norm Bartlett

<http://rnzaf.proboards.com/thread/7587/photos-sqdn-leader-reid-collection>



Chapter Events

2016

Sep 29	Chapter Monthly Meeting Normal venue and time. 7.30 p.m. at the Auckland Society of Model Engineers clubrooms, Petersen Dr, Panmure Basin
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Aviation Calendar 2016

2016

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.
3rd Sun Month	Turangi Aero Club Fly-In All welcome for a BBQ lunch. Contact Tony on 027-453 3740
Sep 30 Oct 2	75 Squadron Assn NZ Biennial Reunion, Tauranga. Celebrating 100 years since 75(HD) Squadron RFC was formed in 1916. Calling all personnel who have worked on the squadron. For information and registration contact secretary Glen Turner. Ph: 021 732 835 E: 75sqn.assnz@windowslive.com
Oct 14-15	Tiger Moth Club Spring Fly-In, Taumarunui. Annual welcome to decent flying weather and return to the club's roots 47 years ago at magnificent grass aerodrome, some flying competitions. Contact Graeme Wood on 027 2932318 or woods@clear.net.nz
Nov 05-06	Black Sands 2016, Raglan Airfield, Raglan. The popular season-opener hosted by the Waikato-Thames Valley Chapter. For info and to download the fly-in Info Pack go to www.saa.org.nz/public_pages/events.php
Nov 13	Highbrook Model Scale Day Highbrook Model Airpark. Scale radio controlled models. Info & map at: https://highbrookaeromodellers.wordpress.com/highbrook-open-day-2015/
Nov 18-20	South Island Akro Fest, Omaka Airfield Note change of date. Theme: 70 years of the DHC-1 Chipmunk. Recreational and intermediate known, unknown and free programmes plus freestyle routines. All DH types welcome. Contact Andrew Love torque_roll@hotmail.com
Nov 26	Flying NZ Northern Region Competitions Mercer Airfield. Info at www.flyingnz.co.nz

Aviation Calendar 2017

2017

Jan 03-07	Model Aircraft Nationals Comps 69th 'Nationals' at Matamata Airfield Details are being progressively updated at http://modelflyingnz.org/nats/
Jan 11-21	51st Walsh Memorial Scout Flying School. Matamata Airfield. Annual 2-week flying school for Scouts and other young people. Info at www.scouts.org.nz/walsh
Jan 21	Classics of the Sky Tauranga City Airshow. An afternoon/evening event still in the planning stages. Last year's event combined with a truck show and a similar combo show expected this year. Details are coming available at http://www.classicflyersnz.com/Airshow
Jan 28	Stratford Aero Club Sports Flyers 85th Birthday Celebrations. Stratford Airfield Note change of date. Contact Nick Furmage Ph:020 40428854 or bigsky4394@gmail.com
Feb 04-06	Great Plains Fly-In, Ashburton Airfield The Ashburton Aviation Museum is again hosting the SAANZ bi-annual Great Plains Fly-in, Wings Awards Dinner and AGM over Waitangi weekend. Details are progressively updated at www.saa.org.nz/public_pages/events.php
Feb 11-12	Healthy Bastards Bush Pilot Champs Omaka Aerodrome, Blenheim Contact Craig Anderson. Ph: 029 890 4910 Email craig@soundsaero.co.nz
Feb 17-19	Wings over Wairarapa, Hood Aerodrome, Masterton. Full info at www.wings.org.nz
Feb 24-26	RNZAF Air Tattoo, RNZAF Base Ohakea Celebrating 80 years of service. More info at http://www.nzdf.mil.nz/news/media-releases/2015/20151118-afbasttm.htm
Mar 03-05	Tiger Moth Club AGM Fly-In, Omarama Annual summer fly-in, competitions, annual dinner, AGM. Contact secretary Graeme Wood on 027-293 2318 or woods@clear.net.nz
Apr 14-16	Classic Fighters Airshow, Omaka Airfield Includes Knights of the Sky Great War Exhibition. More info at: http://www.omaka.org.nz/ when the web site is updated ☺

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.

Black Sands 2016



The Waikato Thames Valley Chapter
of the Sport Aircraft Association of NZ
invites all recreational aviators to attend the annual
“Black Sands Fly – In”

Raglan Airfield
November 5th and 6th

An Informal, fun get – together for flyers of all types

Barbeque lunches both days

Flying Activities

Air Rally / Fly-Around Saturday Afternoon

Plenty of fun for families and non – aviators

Accommodation on Site

Plenty of great dinner options

Some of New Zealand’s best flying scenery

What more could you want?...

More Information will be posted at www.saa.org.nz from late September.

Contact Bruce Cooke, bmcooke@waikato.ac.nz,

Ph 021 1122364.

Book your accommodation now at

www.raglanholidaypark.co.nz

(please support our hosts)



remember to tell them you are attending the fly – in
Please read the information before flying in – important safety notices are included.