

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

# Sport Aviator

June 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

## COMMITTEE MEMBERS

**Peter Armstrong** 09 576 3676  
021 883 080

**David Campbell-Morrison**  
09 817 4782  
021 946 078

**Scott Neill**  
09 826 5655  
027 479 3280

## OPERATIONAL POSITIONS

**Safety Officer** Norm Bartlett  
09 528 0108  
027 611 2153

**Technical Library** Rob Keith  
09 534 3845

**Tool Library** Manfred Scherbius  
09 298 0221  
021 0813 6503

**Newsletter Editor** Gavin Magill  
09 298 7174  
027 291 0525

**Catering** Carl Pudney  
027 430 5303

**Airspace Users Group** Steve Chilcott  
09 376 3794  
021 763 742

## TECHNICAL MENTORS

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**

The Great Aussie Adventurers after landing at Port Macquarie. L to R. David Wilkinson, Peter Merwood, Bill Luther, Don Wilkinson.

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## Next Meeting

**WHEN:** Thursday 30th June 2016

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

**SUBJECTS:** The Great Aussie Flying  
Adventure

# 3 President's Report



First of all, I extend a big thank-you to Warren Sly for his services to the Chapter as President over the past 12 Months. Warren, the time and effort you have given the chapter is much appreciated. We all look forward to seeing your Mustang flying in the near future.

Also a big thank-you to Nev Hay for your time and effort as a committee member.

It's great to have Gary Briggs put his hand up (or was it forced) as Vice President and Scott Neil as a committee member. Many thanks.

Well as most people have heard we had a fantastic trip to Australia and back with the three RV's. It was a big learning experience for all of us and we will speak further on this at the meeting on Thursday night.

We still have a visit planned to see Corrin McCrae and his team at Aerowood in Pukekohe where they are flat out building Mosquito wings and Tiger Moth components. Corrin also has his Falco fuselage framed up and looking fantastic. The Falco has been drawn using solid works and then all the jigs have been produced on the CNC machine. The finished tolerance is zero, absolutely amazing.

We are always looking for guest speakers so if anyone has some ideas please let us know. We have a few arranged but require more. Workshop/Hangar visits ideas are also welcome throughout these winter months.

The New Zealand Warbirds are running a few ground courses over the next few months, mainly involving aerobatics, formation flying and display flying so if anyone is interested please give them a call. Even if you're not into this type of flying the courses are valuable to all pilots and you will pick up some sound advice from experienced instructors.

Please keep the news incoming to Gavin each month as he produces a wonderful newsletter and this really forms the backbone of our Chapter.

I look forward to catching up with you all on Thursday night.

Cheers

David



Hi Everyone

First up I just wanted to thank the Chapter committee and members once again for the Life Member nomination at the AGM. It came as a complete surprise but is definitely appreciated.

As David indicated in his first write up as President we now have a new Chapter committee for the 2016-2017 year. At the AGM Warren Sly stepped down as President and David Wilkinson moved into the role from being Vice-President. I would also like to add my thanks to Warren for all his efforts. Gary Briggs has put his hand up for Vice-President and Scott Neill has volunteered to take up a Committee member position with Nev Hay stepping down. With the new committee in place we are ready to launch into the new year.

I would remind everyone that given we have started a new financial year your subs are now due. If you have not already, please pay your subs to Gordon Sanders. The subs are necessary for the smooth running of the Chapter and it makes Gordon's life immeasurably easier if everyone pays without having to be hounded to do so.

The biggest event over the last month was of course the great Aussie Flying Adventure undertaken by David and Don Wilkinson, Bill Luther and Peter Merwood. It was very enjoyable to be able follow the guys on SpiderTracks as they flew each leg. I have included some photos in the newsletter and David and Don will be presenting at this coming Thursday's meeting. It will be worth attending to see what they got up to.

With the shortest day well behind us, we can now look forward to the Spring and Summer ahead. With the rubbish weather we have had over the past three to four weeks I for one am looking forward to summer, if only to be able to sit on the deck of our house at Whitianga to watch the aircraft come and go. Delys and I will hopefully take possession of the house during the week ending the 8<sup>th</sup> of July. Things have been a little delayed with finishing due to the weather but it will happen soon enough no doubt.

On the SAANZ Administrator front Delys and I have been busy taking registrations for the Southern Skills training course and seminar series being run by Bruce Cooke in the South Island. Bruce is running two Microlight Maintenance Courses in Gore and Rangiora plus a couple of repeats of the seminar he ran at SportAvex in Wanaka and Rangitata Island. We have had a great response from the RAAANZ and SAC folks as well as the SAANZ membership. Bruce Cooke continues to do excellent work to advance the skills of those of us in the recreational aviation space.

The other SAANZ administrative task which is ongoing at the moment is annual subscription renewals for members. If you are a member of the SAANZ national organisation and have not yet paid your subscription can I ask you to please do so. Thanks.

Last month's mystery aircraft was identified by Steve Stride in the UK. He correctly identified it as the Boulton Paul Balliol and said that he *"recognised it immediately as they were made not far from me in Wolverhampton"*

Barry Gillingwater tells me the Balliol was an immediate post-war trainer specifically designed around the Rolls Royce Merlin engine to use up a surplus of these post WWII.



Barry has sent in another mystery aircraft picture for this month. See if you can have a go at identifying this one.

Enjoy the newsletter. See you all on Thursday night.

Cheers  
Gavin

## PROJECT UPDATE

## Gary Briggs – Sonex #1531

By Gary Briggs

I have fitted the engine and am in the process of wiring and plumbing. My cowl I ordered should arrive sometime at the end of the month then I can figure out where the radiators and exhaust will go.



## PROJECT UPDATE

## David Wilkinson – DR107

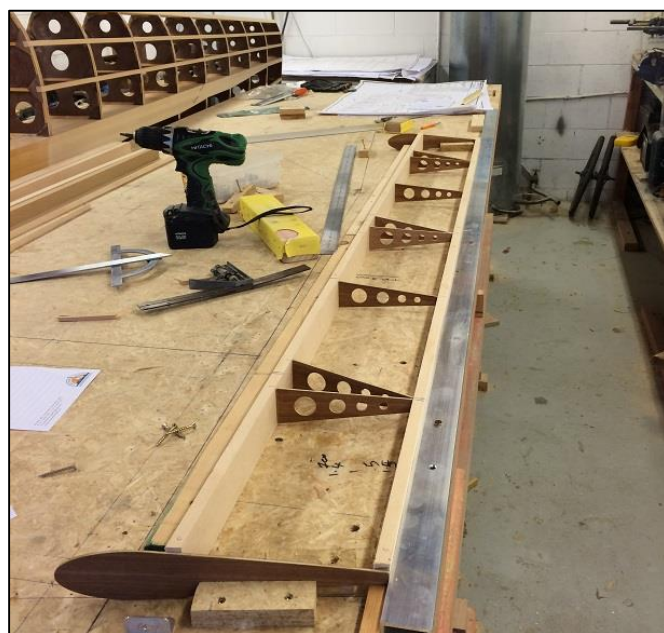
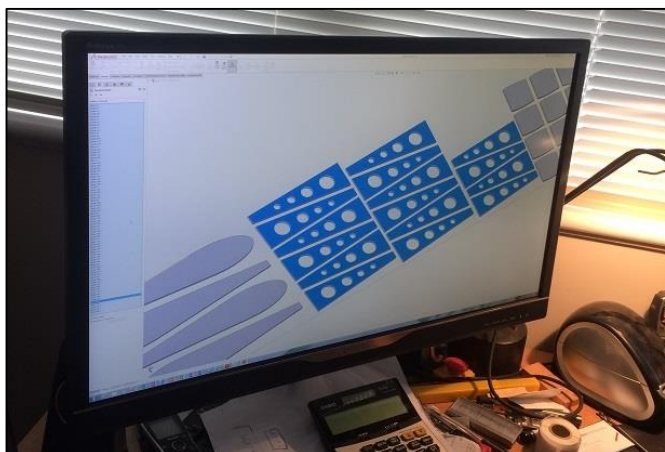
By David Wilkinson

Aussie trip complete, 50 hr complete on the RV8 so time to get back into the DR107.

The basic wing structure is now complete, sanded and shaped.

I'm now onto building the ailerons so that I can fit them along with the bell cranks, all hinges and pitot tube before gluing the 1/8 thick ply skins on (will wait until the weather warms up)

Corrin McCrae from Aerowood in Pukekohe has CNC machined all the aileron ribs for me... Yes cheating again.



The fuselage should be back in the next few months so I can then mate it to the wing and start the mammoth job of fitting all the bits to the fuse.

## PROJECT NEWS

## Corrin McCrae – Falco &amp; Mossie

By David Wilkinson

David visited Corrin McCrae's Pukekohe based Aerowood company this past week and took these photos of Corrin's Falco project plus a couple of the Mossie wings he is working on at the moment.



## MEMBER NEWS

## Alan Butler – RNZAF Graduation

By Alan Butler

Hi Gavin

No real updates on projects, but good news, I graduate Initial Officer Training Course 16/01 next Thursday (23<sup>rd</sup> June) as a Flying Officer in the trade of Engineering Officer.

Hopefully get back into a few of my projects after that.

Cheers, Al

***[I am sure all Chapter Members will join me in congratulating Alan on his graduation. It is an awesome achievement and deserves to be recognised. Well done Alan. By the way Alan, you realise of course that you will now need to host a hangar visit for the Chapter to the first squadron you get posted to. 😊]***

## PROJECT UPDATE

## Keith Weale - RV-12

By Keith Weale

I have spent most of the past three months preparing and priming the wing components in readiness for assembly. One of the wing skins was very slightly damaged all along the leading edge by what appeared to be grit embedded in the blue vinyl. This was apparent only after I removed the vinyl. Van's immediately sent a free replacement skin by courier, no quibbling and no fuss. It was delivered to my door ten days later. I had been expecting rather a delay, so that's why I started the flaperons first. I have just about completed them both, and I hope to carry on with the wings again in the next week. Working with 0.016" Alclad has been a challenge – of course the second flaperon turned out better than the first after my learning curve flattened off.



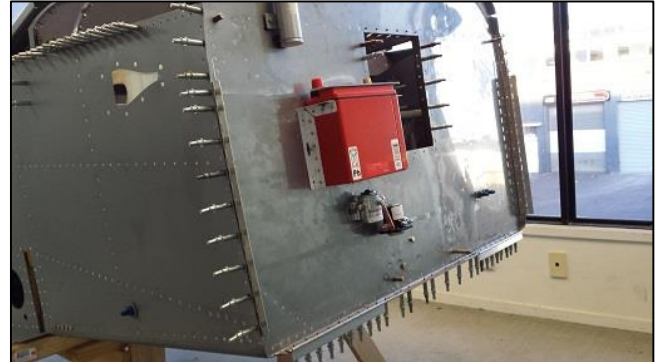
## PROJECT UPDATE

## Ken Watters – RV-7

By Ken Watters

Aviation Power Systems have completed refurbishing my engine and it should be delivered this week.

I have been working on the firewall doing the sealant around the perimeter and fitting the battery and contactors prior to hanging the engine.



## MEMBER NEWS

## DCM Rental Car

By David Wilkinson

David Wilkinson sent me this photo of DCM and his good lady with the caption "DCM with his rental car in the UK". I'm not sure of the context but perhaps David can fill us in.



## CORBY STARLET NEWS

### Corby Starlet 50<sup>th</sup> Anniversary Fly-In

By Norm Edmonds

From behind the scenes, here is what you have been waiting for. Announcing the

#### **50<sup>th</sup> Anniversary Fly-in for the Corby CJ-1 Starlet, October 14-15-16 2016 Echuca, Victoria, Australia!**

Will also be doing a direct mail or email out to:

- All VH registered Starlets (and a Kestrel)
- All ZK registered Starlets (and a Kestrel)
- All RAAus registered Starlets (via relay thru RAAus)
- Various special guests, some known past Starlet drivers, and interested persons.

If you didn't get to the 40<sup>th</sup> Anniversary fly-in at Wagga Wagga in 2006, you missed 16 Starlets on the field at the one time.

I'm sure we can smash that record.

We would love to see as many international Starlet enthusiasts here as we can! If you've never been to Australia before, why not come on down?

(Just beware of the snakes, spiders, crocodiles and drop bears.)

Echuca has lots to do for the family too. It's an old river wharf port town, with paddle steamers and a great place to visit. The weather should be delightful too, just coming in to summer. Then make your way down through Bendigo and regional Victoria after that, maybe even to Ballarat (google **Sovereign Hill**), and end up in Kyneton on 23<sup>rd</sup> Oct for our Aero Club 50<sup>th</sup> Anniversary Airshow.

**YES**, you can pass this info on to your Starlet interested friends.

*Norm & Co.  
Kyneton Australia*

## SAANZ NEWS

### Turbine Legend

By Gavin Magill

I had an interesting email come into SAANZ Admin this month. The owner of an Aircraft Maintenance facility in Southland asked me about whether any Turbine Legend aircraft had ever been imported into NZ and whether it would qualify as a Special Category - Amateur Built. He has a client who is interested in importing one into NZ.

I went and had a look for this aircraft on Google and this is one awesome looking piece of kit and what's more does qualify as a Special Category - Amateur Built in NZ.

The Wikipedia page for the aircraft says it cruises at 290kts with a max speed of 305kts, stall of 66kts and VNE of 347knots. +6G/-4G. The engine is a 720hp turboprop.

[https://en.wikipedia.org/wiki/Legend\\_Legend](https://en.wikipedia.org/wiki/Legend_Legend)





## Introduction

For many years I have dreamed of flying my wee VW powered Corby Starlet to Australia someday. After starting calculations and overload fuel tanks I dropped the idea in the name of sanity.

Then the forgotten dream was rekindled when my son David, having built and successfully flown, a much more advanced RV8 aircraft, met Bill Luther and Peter Merwood who both had a similar dream.

Bill, Peter and David met on several occasions and as the planning developed so did my original dream. When David suggested I come too, it was too painful to contemplate staying at home just to watch.

## The First Base

Quite naturally the most significant obstacle at this early stage was apprehension on my part and downright denial by David's mother and my beloved wife, Brenda. "Don, you're NOT going" was her continuous chorus for weeks and I became resigned to disappointment.

Brenda's response was, I concede, totally understandable. Anyone can see that and everyone sympathised totally.

After many weeks I gingerly re-approached the issue and after resistance got a reply to the effect that Brenda just did not want to discuss it anymore. I took this as a "Yes". We didn't discuss it. The planning continued. I was included.

I understood completely. Her two closest men, together launching out across the Tasman, totally dependent on a single engine, was concerning and I felt very sorry but the challenge, the excitement was too much. To be honest, I was confident. The preparation by Peter, Bill and David was very thorough and there was a lot of it to do.

## Acknowledgement from Home

Departure was only three days away when we talked about it again. It was when I drew Aussie cash from the bank and also came home from the supermarket with muesli bars that acknowledgement actually happened.

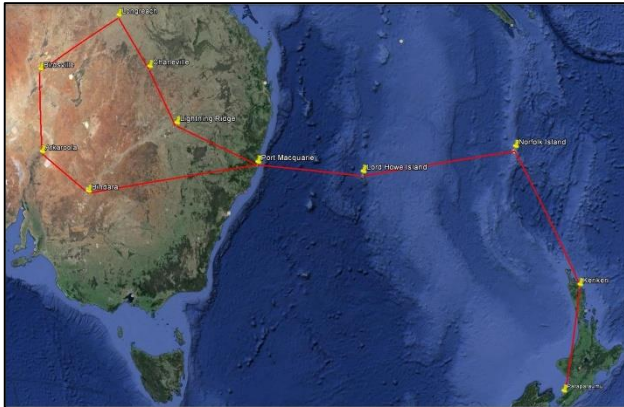
In the end it was Brenda's courage with which I was impressed. I started to feel like the Bull Fighter. All brave 'till the bull appears.

Don Wilkinson

[The images on the next few pages are just a sample of the ones David, Don, Bill and Peter have shared. I haven't provided too many as I don't wish to pre-empt their presentation on Thursday evening. Gavin]

# 10 The Great Aussie Flying Adventure

## Outbound to Norfolk Island



The Track

## Lord Howe Outbound



On final to Lord Howe



On the way



## Port Macquarie Outbound



Don extricates himself from WLK at Norfolk



Port Macquarie Airport



Meeting the locals. Mandy the airport manager.



The reception at Port Macquarie

# 11 The Great Aussie Flying Adventure



Gary Spicer, Barrie Bishton, John Corby, Gunter Barthell

## Arkaroola



Arkaroola Strip



## Birdsville



Just about the middle of Aussie.



The Birdsville Hotel

## Charleville



# 12 The Great Aussie Flying Adventure

## Lord Howe Homeward Bound



Off for some site seeing



Catalina remains



The shed where Chichester's Moth was rebuilt

## Norfolk Homeward Bound



Waiting for the weather to clear



Time to go

## Homeward Leg



North Cape



Great trip. Smiles all round.

# 13 Mystery Aircraft Quiz by Barry Gillingwater

Barry Gillingwater has sent us another interesting aircraft for you to try and identify. No one identified last month's mystery aircraft so hopefully you will have a bit more luck this month. Email your answer to the editor at [gavin.magill@gmail.com](mailto: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.



# 14 In The News & On The Web

## ON THE WEB

### 1940's Air Race

From Gavin Magill

Classic Pathe News post WWII footage.

[https://www.youtube.com/watch?v=bNav9oFa\\_ps](https://www.youtube.com/watch?v=bNav9oFa_ps)



## ON THE WEB

### Blue Angels 360

From Gavin Magill

Blue Angels filmed on a 360degree camera. You can pan round. They fly really close!

<https://www.youtube.com/watch?v=H6SsB3JYqQg&feature=share>



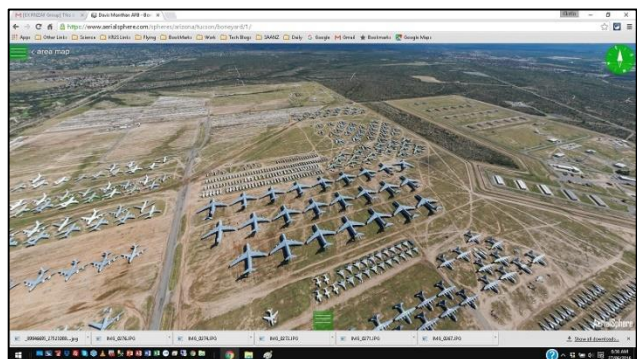
## ON THE WEB

### Boneyard 360 Panorama

From Gavin Magill

360 image of the US aircraft boneyard.

<https://www.aerialsphere.com/spheres/arizona/tucson/bonyard/1>



## ON THE WEB

### Kermit Weeks Albatross D.Va

From Gavin Magill

Kermit Weeks flying his Albatross D.Va built by The Vintage Aviator in Wellington.

<https://www.youtube.com/watch?v=x31VI1eAD4M>



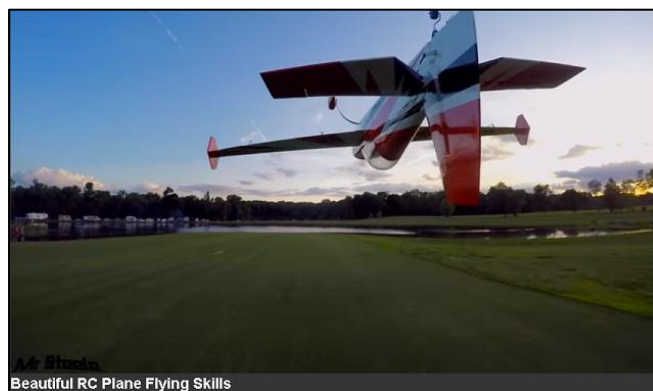
## ON THE WEB

### Drone footage of RC Aircraft

From Gavin Magill

Repeat of video sent out during the month.

<http://www.chonday.com/Videos/rcflydebeau4>



## ON THE WEB

### Typhoon pilot Albie Götze

From Nev Hay

An interesting story.

<https://www.youtube.com/watch?v=uqA0IB2XGUE&feature=em-hot-vrecc>



## Chapter Events

2016

<b>Jun 30</b>	<b>Chapter Monthly Meeting</b> 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

<b>Every Sat</b>	<b>Dargaville Aero Club</b> 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 <a href="http://dargavilleac.weebly.com/">http://dargavilleac.weebly.com/</a> . 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.
<b>3<sup>rd</sup> Sun Month</b>	<b>Turangi Aero Club Fly-In</b> All welcome for a BBQ lunch. Contact Tony on 027-453 3740
<b>Jul 25-31</b>	<b>EAA AirVenture, Oshkosh 2016 Oshkosh, Wisconsin</b> Time to start planning and saving.
<b>Sept 10-11</b>	<b>Bridge Pa Taildragger Day Bridge Pa, Hastings</b> Fly to Bridge Pa for a great weekend. Contact Hawke's Bay & East Coast Aero Club CFI <a href="mailto:helenr@hbecac.co.nz">helenr@hbecac.co.nz</a> or <a href="mailto:stephanie@stm.net.nz">stephanie@stm.net.nz</a>
<b>Sep 30 Oct 2</b>	<b>75 Squadron Assn NZ Biennial Reunion, Tauranga.</b> 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: <a href="mailto:75sqn.assnz@windowslive.com">75sqn.assnz@windowslive.com</a>
<b>Oct 14-15</b>	<b>Tiger Moth Club Spring Fly-In Taumarunui</b> 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 <a href="mailto:woods@clear.net.nz">woods@clear.net.nz</a>
<b>Oct 15-16</b>	<b>South Island Akro Fest Omaka, Blenheim</b> 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 <a href="mailto:torque_roll@hotmail.com">torque_roll@hotmail.com</a>

## Aviation Calendar 2017

2017

<b>Jan 28</b>	<b>Stratford Aero Club Sports Flyers 85<sup>th</sup> Birthday Celebrations.</b> <b>Stratford Airfield, Stratford</b> Note change of date. Contact Nick Furmage Ph:020 40428854 or <a href="mailto:bigsky4394@gmail.com">bigsky4394@gmail.com</a>
<b>Feb 04-06</b>	<b>Great Plains Fly-In Ashburton Airfield, Ashburton</b> The Ashburton Aviation Museum is again hosting the SAANZ bi-annual Great Plains Fly-In at Ashburton Airfield over Waitangi Weekend 2017. Details will be published on the SAANZ events page when available. Put in your leave application for the dates.
<b>Feb 17-19</b>	<b>Wings over Wairarapa Hood Aerodrome, Masterton</b> Full info at <a href="http://www.wings.org.nz">www.wings.org.nz</a>
<b>Feb 24-26</b>	<b>RNZAF Airshow RNZAF Base Ohakea</b> Celebrating 80 years of service. More info at <a href="http://www.nzdf.mil.nz/news/media-releases/2015/20151118-afbasttm.htm">http://www.nzdf.mil.nz/news/media-releases/2015/20151118-afbasttm.htm</a>
<b>Mar 03-05</b>	<b>Tiger Moth Club AGM Fly-In Omarama</b> Annual summer fly-in, competitions, annual dinner, AGM. Contact secretary Graeme Wood on 027-293 2318 or <a href="mailto:woods@clear.net.nz">woods@clear.net.nz</a>
<b>Apr 14-16</b>	<b>Classic Fighters Airshow - Omaka Omaka Airfield</b> Includes Knights of the Sky Great War Exhibition. More info at: <a href="http://www.omaka.org.nz/">http://www.omaka.org.nz/</a> 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](mailto:gordon@sanders.gen.nz).

# INVITATION

## **CELEBRATING 50 YEARS OF THE CORBY CJ-1 STARLET 1966-2016**

**WHEN: OCTOBER 14-15-16 2016**

**WHERE: ECHUCA, VICTORIA - AUSTRALIA**



*With support from the **Echuca Aero Club**, Starlets will gather for a great weekend of flying, fellowship and fun! This event is exclusively for us!*

*Invitation to all Corby Starlet builders, owners and enthusiasts to get to Echuca for this celebration.*

*Were you at the 40 years of Corby Starlets at SAAA Wagga Wagga convention in 2006 where we had sixteen Starlets? Yes or no, you MUST get to this one!*