

Aerobat



**Don't Drink
And Drive**



February/March 2015

Issue Number 7 Volume 5

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Cover Picture

A message from Ngaire for the
New Year.

As you can see it comes from
experience.

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From The Editors Desk



All the best to you and yours. May 2015 be the best year ever for all.

Well I have not been inundated with offers of people wanting to take over as editor of the Aerobat.

In fact one sometimes wonders whether people are actually reading the Aerobat since we changed over to Email format. I know people look at the pictures on line but I doubt that they actually read it before deleting it. In the old days of snail mail the magazine would sit on the coffee table and during the adverts people would read the next page. Also

Wives and kids would read it but with Email it goes to the one box and never gets shared around the family. Maybe that was worth the small additional extra costs.

On a different note Auckland is back to usual summer weather of wind and days with showers. It is time to fly all those fast and stable aircraft that are not affected by the wind.

Happy flying to all

Ross McDonnell
Editor (Temporary.)



More defence cutbacks

FROM THE PRESIDENTIAL SUITE

Well everyone, here we go again, 2014 seemed to go as quick as Nigel's Striker !!! Anyway happy new year to you all.

It's the first Saturday of the year as I am putting this together, been down to the field this morning. We had a great turn out, good flying with no major mishaps, just enough cross wind to make it interesting with our three retiree students coming on just nicely. Wayne just back from a cruise obviously fully relaxed as he was flying brilliantly with the rest of us just enjoying the lovely weather and of course flying. A coffee break and salt of the earth Ian produced some lovely strawberries, joined in the usual convivial, and I might add, highly technical discussions from working out the intricacies of Leigh Gordon's swing wing F14 at one end of the scale to chatting to Bryan Leeves on his background knowledge of the Mosquito.

My thoughts went back to as a kid I used to pick up my weekly comic magazine to read my favourite adventure story "I Flew With Braddock" (obviously the best darn pilot in the universe) who at the time flew you guessed it Mosquitoes. So was thinking about Braddock driving home, that was about 60 odd years ago, not much chance of any copies around anymore, but went onto Amazon anyway (just to look mind you) and found an old book of a year's weekly episodes that usually came out each Christmas.

Once again I lost control of my fickle finger of fate, so yep the books winging its way over to my hot little hand and I blame it all on Bryan. We never never grow up do we thank goodness, Anyway enough of my ramblings.

Scott Purdy with pitman Dad Ross worked wonders at the nationals.

1st in Top Gun Fun Event. This was made up of several tasks each scored and added together to make your total. Tasks were speed taxiing around cones, take off 2 figure eights- land in a box-taxi and burst a balloon, climb for max 60S and glide max 120S -

closest to 180S wins, bomb drop on a target (best of 3), timed basic wings test.

3rd in Novice Scale out of

13 entries (and 3 DNFs). This was flown with my 1/4 Scale Decathlon. Very close competition with only a few points separating 1st to 3rd.

1st in Sportsman Aerobatics flown with EFLITE electric Pulse 25e. Usually you fly 4 rounds and drop your worst score but because of a miscommunication we only got 3 rounds so everyone had to count. There was just 4 points between 1st and second.

Well done Scott what a great team effort.

OK to kick off the New Year we have our first evening Twilight BBQ this coming Wednesday 4th and what a great start to the year that is.

Things to start thinking about, Our Open Day Sunday 22nd March so have to look at what needs to be organized etc.

At the time of writing we have still to get confirmation with the Spring Hill committee for us to fly up at their field on Sunday 26th April maximum 12 people I am sure it's going to happen.

Annual general Meeting 4th May we will be voting on the to be or not to be an Incorporated Society, as well as, if it has not been voted on in the meantime, the New Flying times.

Ok that's all from me folks, have a great year of flying and happy landings.

Pete Denison.



Just another shed? I think not!

Ever been to one of those mates shed where you open the door and just go WOW!

Well this is what Happened when I went around to Ian McEwen's garage/workshop. We are not just talking about a lot of planes but a L-O-T of B-I-G planes, so I thought I would share some of the memories with you. We dragged some out, put them together and took pictures, then got tired of that and just started taking photos inside until the camera ran out of batteries. This is how it went.



Fokker Triplane 1900mm wingspan powered by a 30cc twin and covered by $\frac{1}{2}$ an acre of solartex. Built from a Flair kit that had been lying around for about 20 years and finally built last year. Took most of the winter to build.



Juka 2300mm wing span powered by a 60cc RCGF and runs 9 servos. This plane was designed by an employ of Sukhoi



Bucker Jungmeister 1850mm wingspan powered by Thunder Tiger130fs swinging a 16x6 prop. Built off plans 20 years ago.



Another Bucker Jungmeister behind the Harvard. (Starting to get a trend here Ed.)

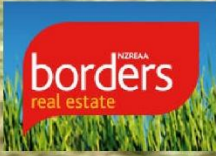


Harvard 2000mm wingspan powered by a DLE30 which is just about too powerful. Built from a Midwest kit.

(Must get back and take photos of the rest of the L-A-R-G-E P-L-A-N-E-S for a future issue. Ed)

Please mark your calendars for this fantastic event

MODEL AIRCRAFT PUBLIC FUN DAY



Sponsored by

Hobby City



Sunday

22 March

10am - 3pm

Wainui Pony Club Field

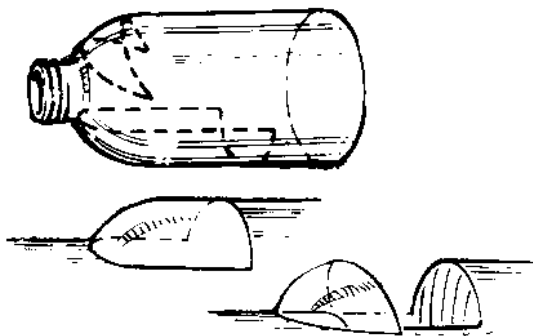
Wainui Road

Silverdale

- *Free admission*
 - *Plenty of parking*
 - *BBQ sausage sizzle*
 - *Hot & cold drinks*
 - *Bonus Vintage Cars*
- Please note - No dogs allowed*

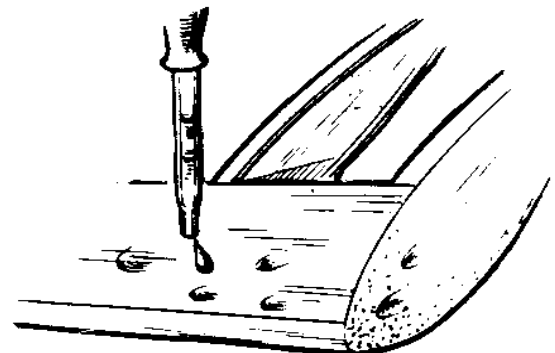
Contact Nigel 09 420-3182 or Peter 09 426-2455

MORE HINTS AND TRICKS



FREE WINDSHEILDS

Another use for those clear plastic bottles. They are great source of moulded canopies and windshields. For bigger planes, use bigger bottles.



DENT REMOVAL

Bench dents in balsa wood? A few spots of water, a quick dry with a hot iron and a light sand will cure.

SCENES FROM THE 2015 NATIONALS



I feel sorry for those people who did not stay for the Aggie Bar-B-Q and therefore missed the demonstration of the Storch.

I have seen many air shows but have never seen anything as great.

And of course Bryan flying



A MESSAGE FROM THE HEART

Model flying is a sport we all enjoy one way or another, whether gliding, power or free flight to name a few. We all appreciate the pleasure and companionship we experience but do we ever really consider it can also be dangerous.

A moment's inattention or not taking sufficient care can be disastrous.

WARNING WARNING WARNING

When starting or running a model be it to test or fly, PLEASE make sure it is well tethered either to the ground or if on a stand tethered to the stand and also make sure the stand is secured so that it cannot move.

The extra care taken can avoid an accident like the one shown below.



Please note:- This is an actual photograph of a wrist and thumb that came in contact with a moving model aircraft propeller. The result was 17 cuts (2 with pieces of prop that had to be removed surgically) and 90 minutes of surgery to reconnect a severed thumb tendon.

I have been informed by the owner of the above hand (Who was a club member) that the recovery period for this wound is at least 6 weeks and very very painful.

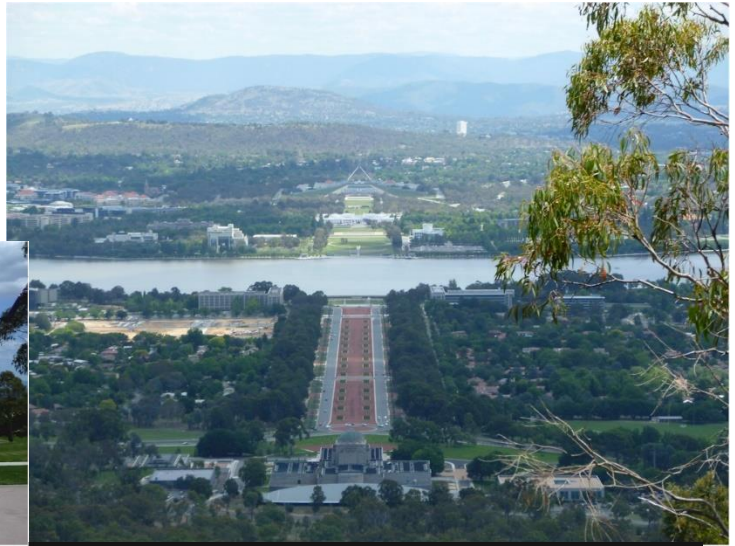
Please take care,

Angie Ladd.

Reprinted from Aerobat April 2003

Strewth! Tales from Aus'

G'day all! I hope everyone has been having a great time at the field while I've been away, I look forward to joining you out there upon my return from Canberra in a couple of weeks (which will



most likely be before you read this!). The weather has been fairly good here - bar the odd thunderstorm, and while I'm sitting here writing this the sun is shining and the temperature is currently sitting at 32 degrees. This sort of weather is perfect for model flying, and apparently there's a group of model fliers



here in Canberra that have their own proper model runway and facilities; if I can persuade someone with a car to take me, I'll snap some pictures of the action for you guys.



ex-service examples. I've included some photos of some of the planes with this article, but you'll have to excuse my amateur results from my 'happy snappy'!

Wishing you a happy & flying-filled 2015.

Hayden (4/1/2015)

While I've been staying here I've also visited the Australian War Memorial again - a worthwhile visit if you're in the area. The War Memorial documents Australia's involvement in a plethora of wars, but for me the highlight is the aircraft hall - with a Mustang, Sea Fury, Mosquito, BF109, Me162, Me262, a Lancaster - the list goes on! All the planes are the real deal, with most being

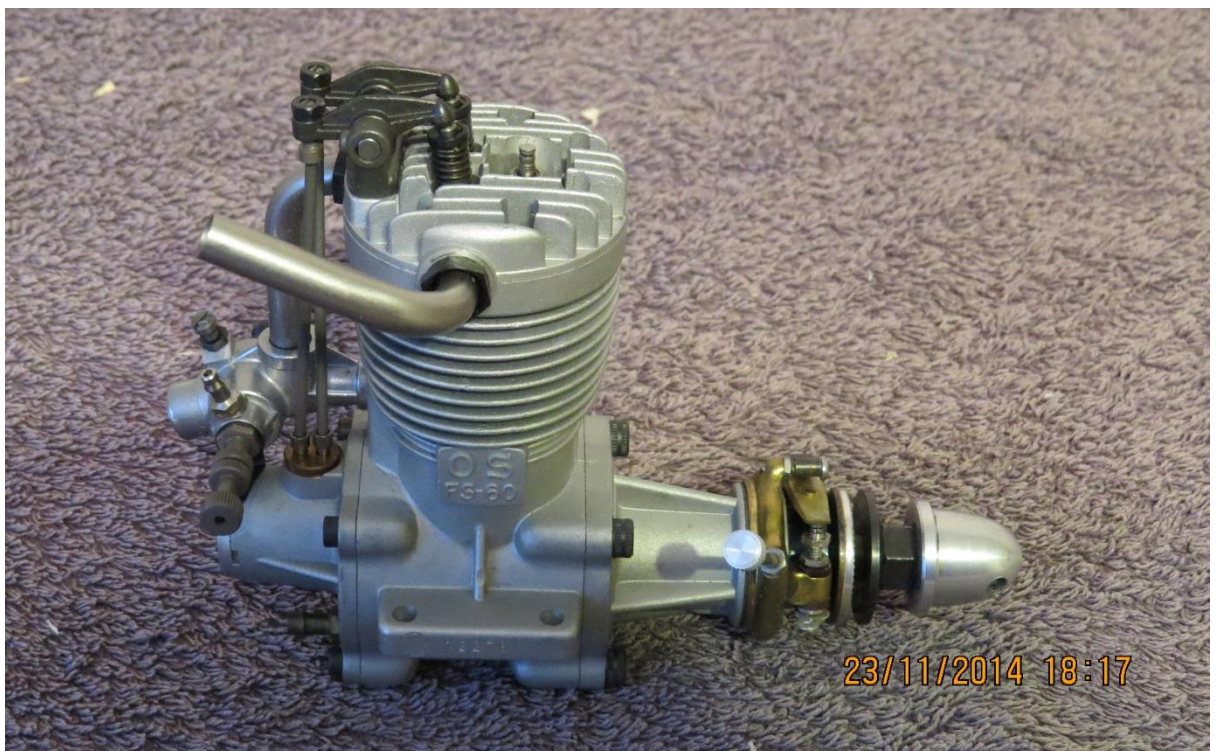
BREAKING NEWS ** OS FS-60 FINALLY ARIVES IN NZ**

For the last six months I have been trying to purchase a OS FS-60 from eBay in America, after being out bid on several engines, prices range from \$180 USD for a good used engine to over \$300 USD for a never run still in the box example. After several failed attempts i managed to win a new in the box engine for \$222.50 USD about \$282 NZD plus \$15 shipping.

Not bad when you consider these engines were over \$200 in 1980 also notice in the photos the points modification behind the prop driver allowing this engine to run on glo fuel or as a spark ignition engine.

Now I have to build another plane.

Nigel Grace



Around the club



Wayne's racer. Fly's well as it looks. Evidently it's not a model of anything but rather a model of the type that might have been seen around the time of the great aviation records chasing.



Wayne's Cessna Bird dog looks so pretty in the air.



Above - A Slicker mite having just finished a test run for the Nationals Aggie competition.

Left - Bryan Leeves doing final adjustments before the start of Aggie. He did very well with 6 consecutive flights of about 1 minute even

Far left - Looks like the club has finally outgrown Bees. (Yah.) A line up of Electric/Methanol motored Ugly Sticks

Charging Li-Fe or Li-Lo battery on Turnigy Accucell-6 type charger

Did you know you can charge Life/Lilo batteries on Turnigy Accucell-6 type chargers?

Here's how!!

1. Push the "type/stop" button till you get to "user set program"
2. Then push the "start" button. The screen will say either "lilo", "lipo", or "life". This is the screen at which you change the voltage number and the charger will automatically change from one battery type to the other.



3. Push the "start" again. The voltage shown will start to blink.
4. Push the "plus" or "minus" buttons to change the blinking voltage number. It will toggle between the three types of batteries. If you want "life" then change the voltage to 3.3. The battery type will change to "life".
5. Push the "type/stop" button. The screen should now say "Program select Life"




6. Push the "start" again and you will then be in the Life charge mode.
7. Push the "plus" button to toggle between the optional charge modes. Once you are in the charge mode you need to change the charging amperage and the proper voltage for your battery. In your case 9.9 volts.



8. So, push the "start" and the amperage number will blink. Change the amperage to your desired amp charge with the "plus" and "minus" buttons.
9. Push "start" again and the voltage number will blink. Change the voltage to 9.9 with the "plus" and "minus" buttons.
10. Push "start" again to stop all the blinking. You are now ready to charge.
11. Push and hold the "start" button for about 3 seconds and the charge program will start. The charger will ask you confirm the battery cell count.
12. If the battery cell counts match push "start" and the charge will start.
13. Basically, the charger uses the same program to charge all three lithium battery types. That's why you have to get to the Lithium program and change the voltage.

WING ADJUSTMENT GLOSSARY

Hopefully, this information might be of use to some of us who are just getting up to speed. I know I had it wrong. Let me know if you think of other terms or acronyms that should be added to the list.

Term	Definition	Diagram
Normal	Both ailerons and flaps in normal flying mode.	
Crow	Both ailerons raise as flaps go down to increase descent rate during landing approach.	
Reflex	The trailing edge of the wing is raised slightly. In flying wings this is to reduce the pitching moment so that a horizontal tail is not needed. In conventional gliders reflexing the flaps and ailerons reduces aerodynamic drag for high speed cruising between thermals.	

Brendan had spent a week visiting his family. His sister-in-law and seven-year-old nephew went with him when he returned to the airport. After verifying his seat number with the counter attendant, Brendan walked back to his relatives and stated that he'd have to wait an additional three hours in the airport.

"How come?" his nephew asked.

"My plane has been grounded," Brendan explained.

"Grounded?" the little boy said. "I didn't know planes had parents."

H.C.R.F. Calendar 2014/15

NB ones with Pony in the day (and in yellow for those in colour,) are Pony Club. **THEY MAY NOT AFFECT US.**

2-Feb-15	Mon	Club Night	Whangaparaoa Guide Hall 7-30 Pm
4-Feb-15	Wed	Twilight 3	Wainui 5 Pm
11-Feb-15	Wed	Twilight 3 Rain Date	Wainui 5 Pm
15-Feb-15	Sun Pony	Wainui Intro Open ODE	Wainui all day
2-Mar-15	Mon	Club Night	Whangaparaoa Guide Hall 7-30 Pm
4 Mar 15	Wed Pony	X-Country practice night	Wainui 5-8 Pm
22-Mar-15	Sun	Open day	Wainui 8Am
1-Apr-15	Wed	Twilight 4	Wainui 5 Pm
6-Apr-15	Mon	Club Night	Whangaparaoa Guide Hall 7-30 Pm
8-Apr-15	Wed Pony	X-Country practice night	Wainui 5 - 8 Pm
26-Apr-15	Sun Pony	Wainui Mini ODE	Wainui all day
4-May-15	Mon	Club Night & A.G.M.	Whangaparaoa Guide Hall 7-30 Pm
1-Jun-15	Mon	Club Night	Whangaparaoa Guide Hall 7-30 Pm
21-Jun-15	Sun	Mid-year Christmas	To be advised 12 Noon