

Aerobat -

**Official Magazine
of the
Hibiscus Coast Radio Fliers Club**



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COVER PHOTO

A photo of a 1 to 1 scale FAIREY SWORDFISH like the one being built by Peter Denison and shown in the article in this mag.

H.C.R.F. Calendar 2018

As usual our fixed flying times are every
Wednesday, Saturday and Sunday morning.

Date	Day	Event	Where/When
02-Jun	Sat	Winch Gliding	Wainui 8.30 am - 12.00 noon
04-Jun	Mon	Club Night	Whangaparaoa Guide Hall 7-30 pm
24-Jun	Sun	Thermal Thaw	Ambury Park Farm. Mangere Bridge 10:30
01-Jul	Sun	Mid-year Christmas Lunch	Valentines 12 30
02-Jul	Mon	Club Night	Pinewoods Hall, 23 Marie Ave. Red Beach – 7.30pm
07-Jul	Sat	Winch Gliding	Wainui 8.30 am - 12.00 noon
07-Jul	Sat	Exhibiting our models at the Model Show	Whangaparaoa Hall
08-Jul	Sun		
04-Aug	Sat	Winch Gliding	Wainui 8.30 am - 12.00 noon
06-Aug	Mon	Club Night	Pinewoods Hall, 23 Marie Ave. Red Beach – 7.30 pm



From the Editor's Desk



Well summer is over and the wind has stopped blowing. Well I think it has as I can't see out because of the rain.

Usually wind tends to die down in winter, (autumn is anyone's guess,) so it is time to put the effort in and get your wings badges. There will never be an easier time to do it. You know you want too.

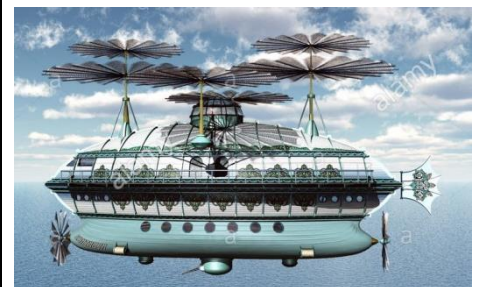
The club seems to be in great shape and getting back to what it was all about, supporting each other to safely build and fly toy aeroplanes. It doesn't matter if it's a piece of flying chill bin, a new and never tested design or a super scale dream liner with animated in flight meal service. All are important. The one thing I have found out in my years of flying is that there are so many variations of aircraft, all of which are somebody's dream.

There has been an amazing amount of articles sent in this month. Thank you, Thank you, and Thank you! But I still need more articles and photos for next issue as usual. Why was my last life so bad that I do this in this life, and did I enjoy it?

I like to think that I have taught a little bit at the club but it seems that the teacher has been surpassed by the pupils as it should be. Norm is now turning out foam wings and things of a better quality than I did and the other Norm is outdoing me in weird and wonderful. Power to you both.

Well that's it. Have fun and fly what you like.

Ross McDonnell
Editor



I think I have just found my next model!!

Don't eat horse meat as it will give you the trots.

From the President's Desk

Well another AGM has passed and I must admit it's been a pleasant year, from my point of view, with no real complaint from members apart from the weather. No niggles other than trying to improve our flying and enjoying ourselves – that's not difficult is it.



Anyway on with the AGM -

Your committee has been voted back in again for another year. Hopefully the weather god will look kinder upon us than last year. If anyone has ideas to help make that happen please sing out.

The Merit Cups.

Best Crash

I use my vast influence and power by voting myself the best crash award. Well it was a slam dunk really. You might remember last winter I was going on about our Ugly Stik, Norm Burns and I developed to counter the windy weather we were having? We were going on at great lengths how robust they were, being virtually indestructible with a Marly Plastic downpipe Fuselage etc.

Well of course I pushed my skills way too far and proved that nothing is unbreakable by smacking it in so hard the Fuselage disintegrated into a thousand bits. I would have felt guilty giving the trophy to anyone else. So it was well deserved Denison.

Craftsman's Cup

Ian McEwen, for his Hanger one Takahe Glider and a Traplet plane model "Farm Hand" (Top Dressing Plane.) Great work Ian .

Services to the Club

Wayne Drinkwater who was president before myself for three years, as well as working full time. Thanks Wayne

Other Business

Henny has found us another club room in the Red Beach Camp ground at a very reasonable rate. This was voted on and passed. We start using it for the July 2nd meeting.

The other good news is that we now own our own on site club building. As some of you have been aware, the Pony club have been thinking of moving out down to Greens Road in Dairy Flat. Well they have made their mind up and are moving out. We have been in negotiations with them regarding their club building (they had an offer to take it away to be reused). Anyway we were successful and managed to purchase it at a very reasonable price. Well it had to be as we haven't got a lot have we? And yes it's the same building that we have our twilights in front of under the veranda .

So a big thank you to the Pony Club for passing it on to us we are truly grateful and wish them all the best for the future.

We also take over the toilets as well though remember that they do belong to the landlord but we maintain them. They do need a little TLC. Nigel's looking into what needs to be worked on so we can work out a plan of action for both buildings.

We decided to increase the subs next year by \$10:00. As we will need to spend money on maintenance. We will probably have a few raffles as well if we need to. So it's all quite exciting isn't it?

It will make a big difference for the Twilights, being able to eat inside if we need to , and lots of ideas will be forthcoming no doubt all to look forward to .

Our membership is looking quite steady as well with 41 Members and 13 Friends of the club.

Our training programme is a bit slow, though Gordon Hill managed to pass his wings a couple of weeks ago, Another four are working their way through so no doubt we will have them all through by the next AGM.

Our mid-winter Lunch will be held on the 1st of July at Valentines, Glenfield so we look forward to seeing you there.

So that's all for the moment. Look forward to catching up with you down at the field or at our lunch,
Happy Landings

Pete D.

Maybe oxygen is slowly killing you and It just takes 75-100 years to fully work.

My HSD Super Viper Turbine Jet.

By Linton Evans.



It is an ARTF jet which comes from China, 90% preassembled in the factory and is a great entry level into the world of Jets at a much cheaper outlay. It's constructed entirely of ultra-high-density foam with ply inserts. It is much denser than your average foamy and doesn't 'dint' quiet as easily.

Electrics:-

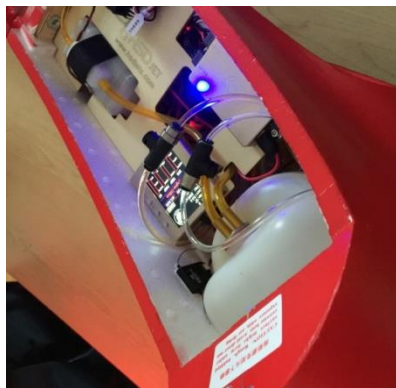
The model features a fully integrated program mixer with sequences gear and door controls, electronic retracts with electric brakes. It's running PowerHD 12g Full metal gear servos, and has a full lighting system with rear afterburner ring around the tail pipe.



I run a 12 Channel JR receiver w/ satellites , powered through an 8A BEC with redundant battery input connected to 2 x 1600mah 2S packs.

Engine:-

It currently has an Ace 60 size turbine with brushless starter as the main power plant which produces approximately 7Kg of thrust @ 156,000rpm. The ECU features full auto restart and can restart the engine from flameout in approximately 3 seconds. It also has a separate smoke system and tank on board which looks really impressive against a nice blue background. All powered through an 1800mah 3S pack.



It has an 1.5litre tank on board which gives approximately 5 minutes flying time, leaving just enough spare fuel to 'go-around' once if needed . At full throttle however, it can drink the tank dry in approximately 4 minutes, so plenty of juice is required to enjoy the airtime.

It's running on a 5% mix of clear kero, with Aeroshell Turbine oil mixed in.

I've only done just over 2 hours on the engine so far and already burned through 25 Litres so it's thirsty to say the least...

Flying:-

Flying characteristics are puppy like. It just goes where you point it. Takes a fairly long runway to wind up, as it's a little heavy fully loaded, but once it's in the air it's a dream to fly. Loops, rolls, inverted flight all as simple as your average foamy. Landings take some getting used to, lower the flaps, keep plenty of power on during the descent (as with most jets) and get ready to hit the brakes as soon as it touches down. The brake system is extremely impressive and will skid the model to a halt quick smart once you slam them on.

Date 24 June

Ambury Park Farm. Mangere Bridge Auckland. 10:30 ish

Photos by Henny Remkes

Do twins ever realize that one of them is unplanned?

Hi everyone

It's that time of the year again and we have booked **Valentines for Sunday July 1st from 12.30pm** for our **midyear celebration!**

Adults \$24.90

Gold Card \$22.90



Please RSVP by e-mail or phone/text 0274 344 748 to Carmel (as I'm out of the country during June), by June 20th to allow us to confirm numbers with Valentines.

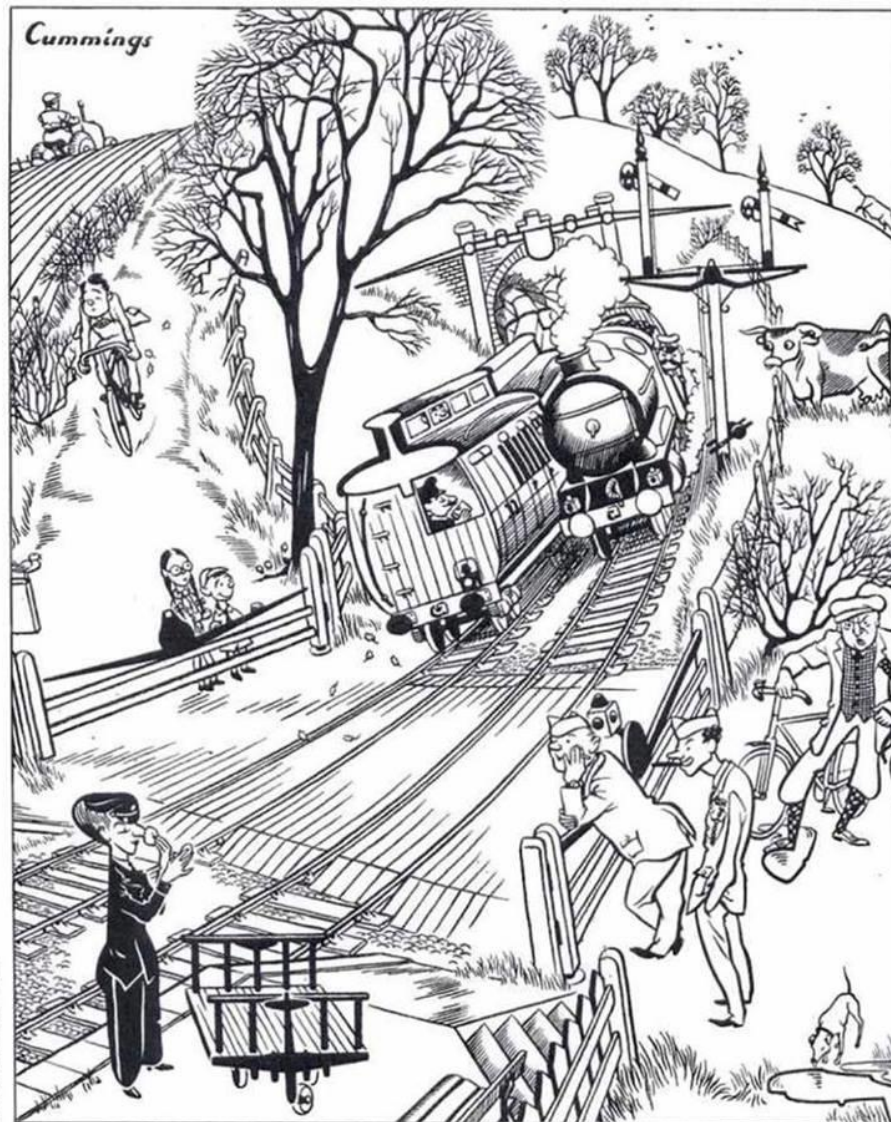
As per last year we will give reception a list of names and you can just pay on your way out.

There is also a cash bar available.

We hope to see you all there. ☐☐

Cheers

Henny



There are thirteen aeroplanes, Allied and Enemy, hidden in this scene. Can you find and name them?

If poison expires, is it more poisonous or is it no longer poisonous?

LOST AEROPLANE.

It was just one of our usual flying mornings at Millwater. A Maiden flight of a pre-loved F 86 Sabre. The weather was fine with a slight Northerly. There were very few people around and flying conditions were excellent.

It was a good take off, gear up, flaps up, heading North, left aileron, carrying on north, more left aileron still going straight but with not a lot of height. It was now disappearing quite quickly into the distance. I gave it Up elevator hoping to turn it around. The plane did half a turn and rather rapid descent to make land fall somewhere over towards the estuary. Out of sight.



My flying mates, H, D and another D all joined in the search. We looked near the mangroves and the estuary without any luck. We combed the long grass and the trees until we decided we would have to leave it there.

We headed back for some more flying then we were interrupted by two policemen who had come to talk to us. When told of the lost plane they said “Our dogs are ready to get some more practice, they might find it for you. Which direction did it go in?”.

“Over there between the big tree and the Nautilus.” We said. Our accurate directions were all they needed and off went the two vans with two very keen police dogs inside. Twenty minutes later my phone rang, and it was Constable C. “We found your aeroplane, what is your address we will drop it off for you”.

The Missus looked out to see the drive crawling with police and their vehicles. Well two of each anyway. “It’s ok everyone we are quite law abiding it’s just a friendly visit” She said.

When I arrived home the plane was on the workbench, the battery out of it, very slight damage, and no dog teeth marks. They had made a long and thorough inspection of the planes hanging in my garage. I sure owe Policemen C and B a beer and a couple of dog bones.

Moral of the story – if it’s lost call the cops.

Narrator
Baz Corbett

THE P51 PHENOMENON

Photos and text by Henny Remkes

There is a new aircraft the skies of Wainui. This is set to replace the "Bee" in popularity.

Pete Denison started it with his stand way off profile scale P51 and Norm Burns is now building a similar one. I can see this becoming a fad as they are so much fun and fly so well. Another plus is they are built like the proverbial brick building.

As can be seen there is a lot of testing and measuring on motor ESC, prop size and amps! And of course a lot of discussion ??



What if my dog only brings back my ball because he thinks I like throwing it?

FAIREY SWORDFISH Part 1 *By Peter Denison*

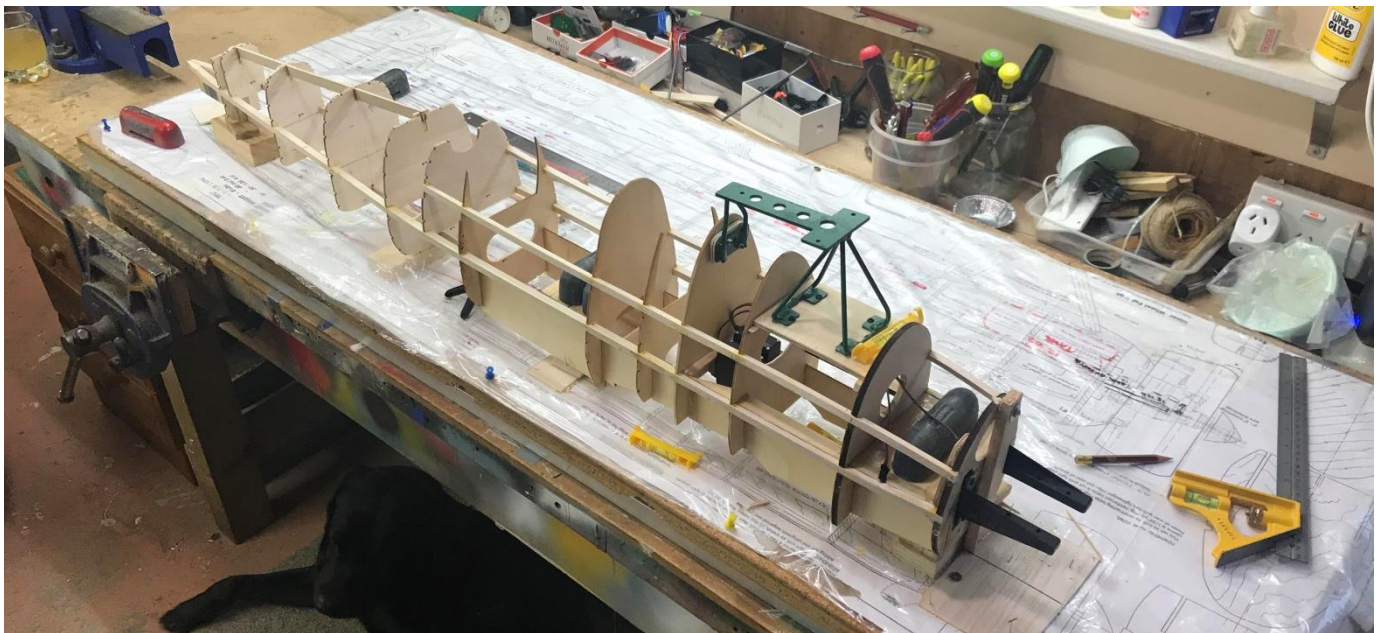
Finally back on my Swordfish build again. Started it late last year but decided to put it aside until I decided how to build the wings. The drawings show them in one section each, but the instructions indicate them in three sections with the centre sections top and bottom permanently attached to the fuselage. That made sense but at the end of the day and I really wanted to cut down on the assembly before flying.



The Swordfish had one model that was flown from Aircraft Carriers with the wings folding back for storage. Dave Kilsby (in our club) made a lovely Gypsy Moth with folding wings. So I made a full size mock up to see if it would work on this one as it's not a full scale model. I found that with minor modifications to the trailing edge of both centre sections the wings folded back nicely against the main body and missed the tail. From my point of view this will make it easier to store, transport and set up on the field before flying - so have decided to go this way.

So here we are four months later just getting back into it again. I have made the undercarriage and the top wing mounting bracket so now I really am looking forward to making progress on the timber fuselage - thank goodness , so looking

forward to building this one as its just full of character and apparently it flies so slow I can have my coffee as its going round the circuit so will have to take a chair out with me.



The model was designed by Clifford McIlwee based on a Traplet 60 inch wingspan model up scaled it to a 72 inch model

It's having a OS -FS 95V four stroke Engine

- Construction Balsa Ply
- Wingspan 72 ins
- Weight 11.5 lb
- Plan No MW 2956 Traplet

It's going to take a few months (hopefully not years) to build so will send Ross pictures etc as it progresses.

Which letter is silent in the word "Scent," the S or the C?

AROUND THE CLUB



Baz's Corsair.
He says his wings
just folded up while
inverted



Pete relaxing at gliding this morning glider at 400 ft
Peter B giving plenty of advice to Norm ???
PhotoJohn Clark



Well I saw
the kickstart
around
here
somewhere



The whole family reads the Aerobat when it's printed.



Opps!
Just needs a wee bit of glue – That's better



Club Heroes Awards

The following awards were presented at the AGM



Best Crash trophy
awarded to
Peter Dennison



Craftsman's Cup
awarded to
Ian McEwen



Services to the Club Cup
awarded to
Wayne Drinkwater

Auckland Midwinter Thermal Thaw

Traditionally a Thermal Soaring contest originally run by Roskill Modellers now carried forward by Auckland Soar.

Entry level social contest for electric models primarily 2 meter Radian or similar.
Also will run a "best of the rest" class.

Find your stopwatch, gather some club mates together and come along.

\$5 entry including proper BBQ and Soup.
Raffle will be also available with a \$5 entry,
Prizes...

A Radian 2 meter.
Tattu 1300 3S 75C batteries.
Kindly donated By H.O.T. RC

Proposed Date 24 June

Ambury Park Farm. Mangere Bridge Auckland. 10:30 ish

Please bring your valid Model Flying NZ card.

- Radian Contest. 2 meter Radian or similar 2 meter model.
- 30 Second motor run/200 meter with Altitude limiting device.
- Seven minute flight including initial motor run.
- Points for landing
 - 50 (<7 meter)
 - 25 (>7<15 meter)
 - 0 (>15 meter) to the nose.



Contact me If you are looking at coming along, aneilp@orcon.net.nz 021 1338820.
Regards Aneil, Auckland Soar.

I squeezed myself into a tiny suitcase. I could hardly contain myself.