

Aerobat -

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



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CLUB **INFO**

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COVER PHOTO

*Baz or Henny 's
De Haviland Tiger Moth*

Photo by Henny Remkes

H.C.R.F. Calendar 2019/20

**Our fixed flying times are every
Wednesday, Saturday and Sunday morning**

Date	Day	Event	Where/When
1 Jun	Sat	Winch Gliding	Wainui 8.30 am - 12.00 noon
3 Jun	Mon	Club Night	Pinewoods Hall 7.30 pm 23 Marie Ave
16 Jun	Sun	Midyear Christmas Lunch	Valentines Wairau Road 12 noon
1 Jul	Mon	Club Night	Pinewoods Hall 7.30 pm 23 Marie Ave
6 Jul	Sat	Winch Gliding	Wainui 8.30 am - 12.00 noon
3 Aug	Sat	Winch Gliding	Wainui 8.30 am - 12.00 noon
5 Aug	Mon	Club Night	Pinewoods Hall 7.30 pm 23 Marie Ave



From the Editor's Desk



Well the AGM has come and gone, so members can start going to meetings again without worrying about being elected to positions of office. In actual fact you were more likely to be elected if you didn't go as you would not have had a chance to decline. Democratic aren't we?

The motion to discontinue the Aerobat was lost. This is why you are receiving this edition. Lucky you.

By now you will be wearing your waders while flying those wonderful windless days. You are most probably also thinking of ways to fit your favourite aircraft with floats to save all the Hassle of cleaning the mud off it too.

Life on the farm has been rather hectic with the latest kitset being built. It's a carport that is 6 meters wide, 10 meters long and 5 metres high so tested my fear of heights to the max.



It doesn't look high but the guy in the rigging is 6 foot+. There is enough room to park two 6 wheeler dump trucks in it. One of the reasons for the height, apart from being able to fit the camper in it is because it is the main route to the back of the farm.

Well that's about it from me.

May all your flights end with a perfect splashdown.

Ross McDonnell
Editor

Why am I getting "Older an Wider," instead of "Older and Wiser?"

From the President's Desk

Greetings everyone,

Well am not sure where the last couple of months went so obviously I must have been flat out, but truthfully I haven't a clue what it was, though one important thing has absolutely happened. Yes the Pony Club have moved the container away! With all their gear including what was in our club house, so suddenly it looks a lot bigger than I thought it was. Plus it's all ours so we can just do what we want with it isn't that nice.

The AGM went smoothly as expected. The Committee was re-elected and the Aerobat was discussed with different options put forward but eventually agreed that what we have is too good to lose and Ross is happy to continue as Editor though would appreciate more input from members. So it was put to the vote and passed unanimously. So come on lads put pen to paper with photos and give Ross a hand.

We also had delightful news from our happy treasurer Henny informing us that we have had two anonymous donations - one of \$500.00 and, would you believe it, another one of \$1500.00. A big thank you from all of us for your very generous gifts and be assured that it will be spent with a lot of thought on benefiting our club long term. Obviously this is the reason our bank balance is looking quite good at the moment.

So we had a delightful discussion regarding the above and it was agreed that we should put a portion of the money to equipment that will benefit our club.

The first thing we agreed on was a Generator, and some tools etc. We are also asking members to look at passing on to the club any quality tools that they have no need of. We also will need shelving for various things Books Magazines, etc. but please before you bring anything down have a chat with a committee member first just to make sure it will be suitable.

Regarding Club Fees, our Club Fees only just cover our overheads, so we still need donations to cover the Twilights etc. Bringing in and selling old models for a modest price that goes to the club was really good last year so please let's keep that up.

The top cabin (next to the Toilets) - we have cleared it out, painted the outside and generally fixed the place up, with the intention of storing models on storage racks fixed to the walls. It has been suggested that we have an honesty box and charge a modest amount per month for storage. We are still working on the details, design of the racks etc, that determine how many models we can store and size etc. All interesting stuff but we (the committee) want to keep the subs as low as we can so the donation side of it is very important.

Don't forget folks Henny and Carmel are organising our Mid-Winter lunch so it will be a good one ! 16th June.

OK let's get flying
Happy Landings

Pete Denison



Before I was married I would sit at lights for hours because I had no one to tell me they had changed.

THE AGM AND THINGS



Nigel Grace receives the Craftsman's Cup for his lovely Pietenpol



Kieran Smith-Pilling is a very happy chappie receiving his wings. Final theory and practical test taken by Ian McEwan.



Des Abercrombie receives the most improved flier Cup and his Wings Badge



I ordered a chicken and an egg from amazon, I will let you know.

Nigel Grace's Pietenpol Skyscout

Photos Henny Remkes

Nigel putting together his ¼ scale Pietenpol_Skyscout at Wainui, ready for its test flight. Unfortunately he couldn't fly it due to the throttle lever jamming against the fuselage.

It will be great to see it in the air.



One day you're the best thing since sliced bread. The next, you're toast.

Useful charts to hang in your hanger #3

FRACTIONS - DECIMALS - MILLIMETERS						
	DECIMAL	mm		DECIMAL	mm	
	$\frac{1}{64}$	.0156		$\frac{33}{64}$	.5156	13.096
	$\frac{1}{32}$	.0312		$\frac{17}{32}$	.5312	13.493
	$\frac{3}{64}$	.0468		$\frac{35}{64}$	.5468	13.890
$\frac{1}{16}$	$\frac{5}{64}$	.0625		$\frac{37}{64}$	.5625	14.287
	$\frac{7}{64}$	.0781		$\frac{39}{64}$	.5781	14.684
	$\frac{9}{64}$	.0937	$\frac{9}{16}$	$\frac{41}{64}$	.5937	15.081
$\frac{1}{8}$	$\frac{11}{64}$	.1093		$\frac{43}{64}$	.6093	15.478
	$\frac{13}{64}$	.125	$\frac{5}{8}$	$\frac{45}{64}$	.625	15.875
	$\frac{15}{64}$	.1406		$\frac{47}{64}$	.6406	16.271
	$\frac{17}{64}$	.1562		$\frac{49}{64}$	.6562	16.668
	$\frac{19}{64}$	.1718	$\frac{11}{16}$	$\frac{51}{64}$	.6718	17.065
$\frac{3}{16}$	$\frac{21}{64}$	.1875		$\frac{53}{64}$	.6875	17.462
	$\frac{23}{64}$	.2031		$\frac{55}{64}$	.7031	17.859
	$\frac{25}{64}$	.2187	$\frac{7}{8}$	$\frac{57}{64}$	.7187	18.256
	$\frac{27}{64}$	.2343		$\frac{59}{64}$	.7343	18.653
$\frac{1}{4}$	$\frac{29}{64}$	.250		$\frac{61}{64}$	.750	19.050
	$\frac{31}{64}$	.2656	$\frac{3}{4}$	$\frac{63}{64}$	.7656	19.446
		.2812			.7812	19.843
		.2968	$\frac{25}{32}$		.7968	20.240
		.3125		$\frac{13}{16}$	.8125	20.637
		.3281			.8281	21.034
		.3437	$\frac{27}{32}$		.8437	21.431
		.3593		$\frac{7}{8}$	.8593	21.828
$\frac{3}{8}$		.375			.875	22.225
		.3906			.8906	22.621
		.4062	$\frac{29}{32}$		.9062	23.018
		.4218		$\frac{15}{16}$	.9218	23.415
		.4375			.9375	23.812
$\frac{7}{16}$		.4531			.9531	24.209
		.4687	$\frac{31}{32}$		.9687	24.606
		.4843			.9843	25.003
$\frac{1}{2}$		.500	$\frac{1}{1}$		1.000	25.400
		12.700				

Hole sizes for screws

Pilot Holes: Divide gauge by 4

Screw gauge	4	6	8	10
Drill bit (mm)	1	1.5	2	2.5

Clearance holes: Divide by 2 and add 1

Screw gauge	4	6	8	10
Drill bit (mm)	3	4	5	6

A diplomat is a man who always remembers a woman's birthday but never remembers her age.

The club house



Photo by Peter Denison

"The painting for the clubhouse is finally finished," said painter and club president Peter Denison

Thanks Peter D for the fine job. It is appreciated by everyone Well done.

JOKE TIME



IT FINALLY HAPPENED!
MY FLIGHTS ARE NOW
BETTER THAN MY PHYSICAL
ABILITY TO RETRIEVE
THE MODEL.



TEACH YOUR KIDS THE LOVE OF
R/C AIRCRAFT

AND THEY'LL NEVER HAVE MONEY
FOR DRUGS



She wanted a puppy. But I didn't want a puppy. So we compromised and got a puppy.

Peter Denison's Lilienthal 40 RC



Over the last couple of years I've been coming to our monthly gliding day without a winch glider feeling quite envious.

Anyway a while back I noticed in the RCM@E mag this little lady being flight tested. It sounded really nice consequently I had one of my childhood flashbacks, lost control of my finger, and ordered one.

A couple of weeks later the box arrived from the UK. I then had to wait a few weeks before I found a spare week for gluing - sanding etc. to build it. Of course being German it went together really well.

It's all Balsa apart from the carbon rod. I finished it with two coats of Airsail Balsa sanding sealer

The specs

Manufacturer aero = naut
Model Lilienthal 40 RC
Wingspan 1200 mm
Servos 2 mini
Battery 4 cell Eneloop 350 n/mAh
RX Spektrum spmar410

And it flies lovely. I did try it out on our winch, (with Jim standing next to me shaking his head,) and it went up with its wings flapping like a humming bird. Jim got our club Bungee out and that worked a treat as smoooooth as one could wish for.



So that left me with a smile or two on my face!

Oh yes "Thanks Jim!!!"

The problem with trouble shooting is that trouble shoots back.

Henny Remkes's T6 Texan (Harvard)



Manufacturer: Dynam.
Wingspan: 1370mm (54in)
Length: 895mm (35.2in)
Flying weight: 1250g (44.2oz)
Wing area: 28dm²
Wing load: 44.6g/dm²
Radio system: 5Ch TX and 7 Ch RX
Power: Brushless System
Battery: LIPO, 2200 mAh, 11.1 V

It's a foam model put it together all by himself The big problem was that took quite a while was to get the C of G right! As it was very tail heavy!!!



I ended up putting 60 grams of lead in the front. I am now thinking I will see if I can carve out some foam, and put a bigger battery in.

Was going to maiden it today, but we had a blustery gale blowing ??

Yes we had them in Holland as well when I was a little cutie and I was fascinated with them ??



A woman's mind is cleaner than a man's because she changes it more often.

AROUND THE CLUB



Baz and Henny 's Tiger Moth getting ready to fly at Millwater.



Baz Corbett's Four star 40

Wingspan 60 inch.

Built from SIG Kit.

Running a K and B 60-2 stroke Motor and an 11x8 propeller.

Photo by Henny Remkes



Ian McEwen, Baz Corbett and Henny Remkes's mix and match Waco bipes. Photo by Henny Remkes



Is it Just me or are the planes getting better and better?

If smoking will kill you, and Bacon will kill you, why will smoking bacon cure it?