

# ***Aerobat***

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



***December 2020/ January 2021***

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## **Club Info**

### **Web Site**

[www.hcrf.co.nz](http://www.hcrf.co.nz)

### **Contacts**

#### **President**

Peter Denison

[president@hcrf.co.nz](mailto:president@hcrf.co.nz)

027 4262435

#### **Secretary/Treasurer**

Henny Remkes

[Secretary@hcrf.co.nz](mailto:Secretary@hcrf.co.nz)

027 441-1484

#### **Club Captain**

Nigel Grace

[clubcaptain@hcrf.co.nz](mailto:clubcaptain@hcrf.co.nz)

027 420 3182

#### **Event Organiser**

Carmel Remkes

[Carmel.remkes@gmail.com](mailto:Carmel.remkes@gmail.com)

027 434-4748

#### **Frequency Officer**

Jim Hall

[jimh.geo@xtra.co.nz](mailto:jimh.geo@xtra.co.nz)

(09) 426-1478

#### **Editor**

Ross McDonnell

[editor@hcrf.co.nz](mailto:editor@hcrf.co.nz)

021 216-0702

## **CoverPhoto**

First twilight of the season.

An event enjoyed by all.

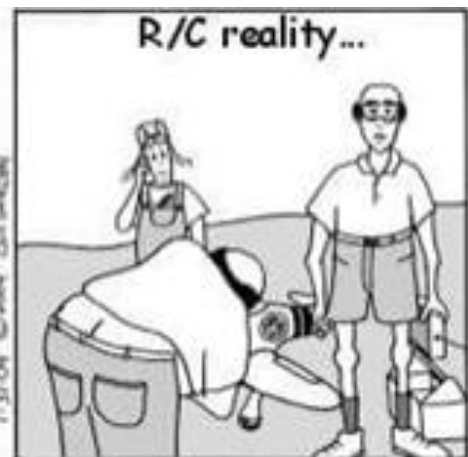
# H.C.R.F. Calendar 2020/21

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

Please note these events may change due to COVID 19.

Date	Day	Event	Where/When
5 Dec	Sat	Winch Gliding	Wainui 8.30 am – noon
5 Dec	Sat	Club Meeting	Club meeting 10 am – 11 am
16 Dec	Wed	Christmas Twilight	Wainui 5Pm till dark
2 Jan	Sat	Winch Gliding	Wainui 8.30 am – noon
27 Jan	Wed	Twilight 3	Wainui 5Pm till dark
3 Feb	Wed	Twilight 3 Rain Date	Wainui 5Pm till dark
6 Feb	Sat	Winch Gliding	Wainui 8.30 am – noon
6 Feb	Sat	Club Meeting	Club meeting 10 am – 11 am

## From the Editor's Desk



The spring has sprung  
The grass has ris  
I wonder where the burdies is  
*The birds are on the wing*  
That's obserd  
The wings is on the burd

Starting to get dry under foot and as in all Auckland summers, the days are getting windier. I hope you all have practiced your landings during the comparative windless days

Thank you all for the articles and photos, they make the magazine a club magazine and not just a ranting from the old git somewhere up the road. Please keep them coming in.

Almost finished mowing the lawn. It took me 8 hours and is about 2/3 done. Dammed stuff sure does grow when you don't want it too.

Ross McDonnell  
Editor

*Apparently I snore so loudly that it scares everyone in the car I'm driving.*

# From the President's Desk

Well, almost the end of another year folks and what a year it has been. It sure makes one appreciative where we live and the people we have around us.

As I'm writing this, we had our Twilight last evening on our rain date, not quite as cold as the week before but still windy, we did try flying but gave it away after a few flights. Still it was lovely to be together enjoying each other's company and good food after around eight months of winter and Covid.



So we can now look forward to our lovely warm summer, Christmas and the New Year ahead with plenty of flying days

This year we have decided, mainly because of the uncertainty of Covid, to have our Christmas lunch / Dinner in our club house mid-December. Henny and Carmel will fill you in with the details.

While we are thinking about them both, a big thank you for looking after us this year as Secretary, Treasurer and Event Organiser. Others to thank are Ross McD for pushing out the Aerobat every couple of months and Jim for mowing the runway and work areas, etc.

And from my point of view a big thanks to you all for stepping up to help when needed, it makes it a pleasure for me to be part of the team .

From your committee - Myself, Henny, Carmel, Nigel, and Jim, We wish you all a Very Merry Christmas, and Happy 2021

Landings  
Pete Denison



## Christmas Party

Our Christmas get together will be held at the Club House in Wainui on December 16th.

This will include Twilight flying and a BBQ for all members, partners and kids starting at 5pm.

No donations necessary.

We look forward to seeing you all there to celebrate what has been a difficult year for everyone.



Kind regards Henny and Carmel (on behalf of the committee)

***Alcohol is a perfect solvent: It dissolves marriages, families and careers.***

# The first twilight of the "Summer" season was a great success!

Photos and words Henry R

It was very much enjoyed by all with lots of fun and laughter. ( Missed the product from Ngaire and Ross's distillery. Oh and them two.) The weather wasn't the best with a few little showers, but mostly sunny but very windy!

## PHOTOS:

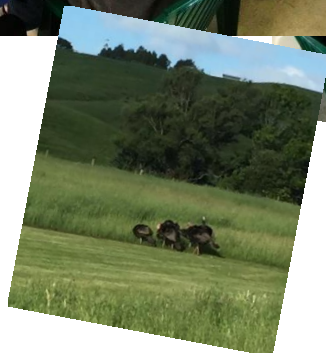
Ian McEwen's Bixler must be the oldest and roughest one in the club but still flies.  
Pete and Gordon slicing onions for the barbie because Nigel couldn't get precut ones. Nigel our

Michelin chef and his apprentice Jim cooking up a storm on 2 BBQ 's. Jim checking all the snarlers and wondering when to turn them again. Eggs and sausages lined up for consumption.

All the members and partners having a natter and a laugh together.

The long grass flattened by the wind. I went on a turkey shoot with my camera but they didn't die of fright.

Everyone sitting inside enjoying a great meal, with tea and coffee and bikkies after.  
Great to have Richard and Mary attending, hadn't seen them for a while.



*Intelligence is like an underwear. It is important that you have it, but not necessary that you show it off*

# Dave Kilsby's power glider

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This model was built in the mid 1970's when I lived in Taranaki and is a modified version of the Graupner Cirrus Thermal Soarer which was a popular kit back then. The kit I used was a pirated N.Z. version put out by a model shop in Hamilton and consisted of two halves of the fibreglass fuselage and the canopy.

The "super " version was published as a plan in R.C Modeller magazine in 1975 and featured the wings being extended by about 4 inches and different shape tail plane and rudder. The wings also featured polyhedral instead of straight dihedral and are 122 inches span.

My model had a releasable towhook and we only used hand towing for competitions. I flew it at Wainui occasionally, suffering a "clap hands" when someone got a bit heavy footed on the winch. The motor pylon was made when I was on the farm so I could fly it on my own. An O.S. 15 motor provides the power and it climbs quite well with it.

In 1979 we held an F38 [multi task] competition for the first time and I won it with the Cirrus and I have a certificate to prove it !



Photo Peter D

*All the things I really like to do are, immoral, illegal or fattening.*

# Bas's power glider

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This glider I built from an S I G kit about 25 years ago. The model is a Riser 100 inch (2.5 metre.) The power pod held on by the wing rubber bands is an O S 15 glow plug motor with a manual throttle pushed fully forward for the climb until the fuel is all used up, this gets plenty of altitude for a good long glide flight. Most times.



Photo Peter D

***Laughing at our mistakes can lengthen our own life. Laughing at someone else's can shorten it.***

# *France to test 'flying taxis' from next year*

by Sonia Wolf



"Flying taxis" will start taking off from an aerodrome north of Paris as soon as next June, operators said, in a trial ahead of a vast tourist influx for the 2024 Olympics. The experiment will take place at the Pontoise-Cormeilles-en-Vexin aerodrome some 90 minutes northwest of the capital by car, according to a joint announcement by the Ile-de-France region, airports operator Groupe ADP and the RATP public transport agency. "Furthermore, the prospect of the 2024 Olympic and Paralympic Games provides an exceptional opportunity to involve an entire industry in order to make Paris Region a leader in the global market of urban air mobility."

A drone-like, fully-electric vertical take-off and landing vehicle (VTOL) dubbed VoloCity, produced by German company Volocopter, was chosen for the innovative trial with flying taxis in a peri-urban area, they said. The partners said in a statement they had "decided to bring together all the conditions to make the emergence of this new mode of transport possible to complement the existing modes, whether for the public or for goods. The experiment will depend on the approval of residents, security protocols and air traffic regulations, said the companies.

The unmanned Volocopter air taxi VoloCity is equipped with 18 rotors and nine battery packs. Each can carry two passengers with hand luggage, for a maximum payload of 200 kilogrammes (440 pounds). It flies at 110 kilometres (68 miles) per hour, at an altitude of 400 to 500 metres (1,312-1,640 feet), with a range of 35 kilometres (22 miles).

**In the first half of 2021**, arrangements will be made for parking areas, recharging stations and ground markings for the demonstration. Working with aviation safety agencies, the partners said "parking, takeoff and landing operations as well as operations around the vehicle, whether maintenance or electrical recharging, will be tested in a real aeronautical environment in June 2021."

*Was the sand wet because the seaweed!!...*

**2030 rollout.** "The day that you can buy a ticket (for a flying taxi) on the internet and take one, is more towards 2030, RATP CEO Catherine Guillaud told journalists. In the long term, "we will be able to integrate mini take-off and landing zones into the urban fabric, which will require (public) acceptance, and the issue of noise will be key," she added.

Volocopter executive Fabien Nestmann said the craft's makers hoped for full certification from the European Union Aviation Safety Agency within two to three years. "We want a demo for the 2024 Olympic Games," Valerie Pecresse, president of the Ile-de-France region, added at the launch news conference.

In the quest to limit traffic pollution and ease congestion, the idea of flying taxis has taken route worldwide. Volocopter has already tested its airborne taxi in different parts of the world, and last October chose Singapore for the first test in the heart of a city.

Several other companies are working on similar projects, including Boeing, Airbus, Toyota and Hyundai. Earlier this month, Japanese firm SkyDrive showed its eight-propeller, manned compact vehicle flying around a test field.



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## Technical Terms Explained

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### **Percussive Maintenance**

I hit it and it started working

### **Cycled Power System**

I turned it off and back on

### **High Impedance Air - Gap**

I forgot to plug it in

### **Organic Grounding**

I got electrocuted

### **Thermal Reconfiguration**

It melted

### **Kinetic Disassembly**

It blew up

### **Thermal Shock**

It caught fire

***The inventor of weightlifting chalk must be rubbing his hands together!!...***



# Cricut Maker

Desktop 2D cutter for under \$600 NZ



Ever wished you had a machine that could cut out wing ribs and panels repeatedly but couldn't justify a CNC machine or didn't have the room? Well now your prayers could be answered with the "Cricut Maker"

The Cricut Maker is a desktop unit and is the newest cutting machine released by Cricut and represents their vision for the future. But, does that vision hold up? If you cut thick materials like leather or balsa wood: yes. If you want the best machine available today: yes.

The Cricut Maker can also cut vinyl for your detailing.

## Best new features

**Adaptive Tool System.** This is the professional cutting technology that gives the Cricut Maker 10x more cutting force and the ability to use the Knife Blade and Rotary Blade.

**Rotary Blade.** This is why the Cricut Maker is the best machine on the market for cutting fabrics.

**Knife Blade.** You can think of it as an X-Acto blade for wood and thick materials like leather.

**Time Saving.** Normally you would mark a pattern on to your wood or card and then cut it out by hand. The Cricut Maker lets you skip both of those steps.

**Will Also Draw Patterns.** You can draw seam allowances, darts, notches, it's the whole deal.

**Can Do Multiple Media.** Cut your design on card or draw it on cheap card and see if it's correct before you cut your expensive balsa wood.

Cricut lists these materials as what the Knife Blade was designed for, mat board, leather, craft foam, chipboard, balsa wood and basswood. Maximum cut depth is 3/32 (2.38mm). Note the Knife Blade is an optional extra along with the 12" x 24" cutting board.

Now if you will excuse me I am off to buy one  
Ross McDonnell

## Reviews

Model	Cricut Maker
Released	August 2017
Bluetooth	Yes
Adaptive Tool System	Yes
Rotary Blade	Yes
Knife	Yes
Max size	12' x 24" (30cm x 60cm)
Software Quality	4 out of 5
Cutting quality	5 out of 5
Ease Of Use	4.5 out of 5
Accessories	5 out of 5
Overall Rating	5 out of 5

*What do you call 12 rabbits walking in reverse?- A receding hareline...*



Lockdown project.  
Air boats for the grand kids.

**WHO ARE WE?**



**MODEL BUILDERS!**



**WHAT DO WE WANT?**



**MORE MODEL KITS!**



**WHERE WILL WE PUT THEM?**



**WE DON'T KNOW!**



D. ABDO

imgflip.com

*What do you call a priest that becomes a lawyer? A father in law.*