



P&DARCS

Pakenham and District Aircraft Radio Control Society



P&DARCS NEWSLETTER MAY 2021



Andrew Smallridge's new turbine powered model, ready for heavy model inspection and certification by David Law, and Ivan Chiselett, at our Flying Field on Saturday 17th April
The model is a Ziroli Turbinator, scratch built by Ivan Chiselett, 72" wingspan, 9Kg with fuel, powered by a Kingtech 7Kg turbine, Futaba Radio
The model passed all tests with flying colors, and Andrew flew it with confidence

**Next Club Meeting Saturday 8th May 1 pm
Venue - TBA**

BURLEY FIELD

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EDITOR'S BIT

Something Different, Para Motors

Last Saturday, on my way home from the Flying Field, driving along Ballarto Road, I passed a group of Para motor flyers having afternoon tea in a Farmers paddock next to the road

I had to find out about this, so I turned around and called in to say hello

There were 3 flyers present, they were very approachable, I told them about our flying club and briefly what we do, (if it flies we are into it) they appreciated that attitude

The 3 fliers are registered pilots, they have clearance from CASA to 8,000 ft, and they have radio contact with each other, and the normal general aviation comms channels, so if they want to fly into controlled airspace that can request permission
Their equipment kit is very comprehensive, Gortex suit, flight instrumentation, fascinating, I obtained their Email address



One of the flyers lifting off, after a short run - up

Frank McPherson Editor

WHAT'S ON At P&DARCS 2021

Look in the Club Calendar on page 15

IN THIS ISSUE:

Notification of 2021 – 2022 Budget	3
Gold Wings Presentation	3
VMAA Trophy Flyer	4
IMAC Flyer	5
Committee Reports	6
Scratch & Kit Built Scale Rally, call for Sponsors	10
Monty Tyrell Scale Rally Report and Photos	11
From Our Flying Field	14
Club Calendar	15
Sponsor's Advertising	16

Notification of presentation of the club budget for the year 2021 -2022.

The fees for next year need to be set to enable the club to distribute renewal forms in time for members to pay their subscription to maintain continuity of their insurance and club membership. In order to facilitate this, the Club's Budget will be distributed to full members and presented to members at the next General meeting for approval.

The Budget will be based on expected membership for the coming year, receipts based on recommended fee structure and estimated expenditure based on the past year's expenses.

The approved Budget gives authorisation to the Committee to pay the operating costs of the club and sets the fee structure of the club for the year 2021-2022.

Once the Club, the VMAA and the MAAA have all set their fees and members insurance costs, the Club registrar will distribute the renewal forms in June.

Peter Harris Treasurer

GOLD WINGS PRESENTATION

Harrison Ritter and Balint Banko, have passed the test for the award of Gold Wings

Ivan Chiselett presented the Wings certificates to the Boys at our Flying Field, as shown in the two photos below



Harrison receiving his award



Balint receiving his award



VMAA Trophy

1ST To 2ND May 2021

To be held at VMAA State Field, Darraweit Guim

One week to go and we are off to The Northern Group State Field to defend the VMAA Trophy. It's always a great event with lots of interest and great camaraderie. Thank you to all the members that have volunteered to represent the club and to those that have volunteered to help. I know it's a long drive but It would be great to see members supporting their team at the event and assist as mechanics, time keepers and judges.

We have been preparing models over the past couple of months and getting in some practice. It's been close to 2 years since the club's models have seen the light of day, but they all polished up well. This will be the first time a couple of our scratch-built models will be used in the event. They have been built based on the new model criteria as stipulated in the VMAA Trophy rules. They have been built using components from three model designs. Actually, they are so good perhaps we should patent the design!

Once again there will be a strong representation from our club and some of our juniors are playing a major role in the event. For the first time the Thermal Glider event will be run without winches. Instead Varios will be installed in each of the models with automatic throttle cut off after 30 seconds of engine run or have reached a height of over 300 metres. A much safer system than inexperienced members operating winches.

It would be great to return the trophy back to our clubrooms for the fifth time in a row.

P&DARCS TEAM CAPTAIN

Peter Harris

P&DARCS



ASAA

Australian Scale Aerobatics Association

IMAC

15th & 16th May 2021

Pakenham & District Aircraft

Radio Control Society

Are you interested in IMAC?

All newcomers are welcome.

To enter visit

www.scaleaeros.com.au



For more information contact

Stevie Malcman

smalcman@inet.net.au

Mobile: 0410 464 186



PRESIDENT'S REPORT

I was rummaging through some old aviation stuff the other day when I came across some historical items and I realized these dates can fly past and most people would not even recognize them. I hooked out a few just for interest, so lets have a brief look at the month of May.

1907 The Wright brothers elected Honorary Members of the Vienna Aviation Club –Austria

1911 Edouard Nieuport creates a speed record at 74.4mph (approx 119kph) on 28hp

1923 First non stop trans continental flight across the U.S. East-West 26hrs 50min

1930 First solo flight England- Australia by a woman Amy Johnson –19days in a DH 60 moth.

1935 Amelia Earhart flies Mexico to Newark New Jersey in 14hrs 19min

1936 Amy Mollison set new record England to South Africa - 3days 6hrs 26min

Hindenburg is destroyed at the landing site in the U.S. after crossing the Atlantic.

Here's one older Australians may remember at least hearing about.

1942 the Battle of the Coral Sea, where we finally broke the Japanese advance through the Pacific, a mighty battle of naval forces and air power.

You're absolutely right when you say these things have little or no bearing on our Club, but it sometimes helps to realize that even these little bits of disconnected history may brighten your day and help you relax while you read them.

Maybe some more next month

I have previously said that I will endeavor not to repeat or preempt reports to be made by my Committee Members and I will try to follow that line
cheers

Bill Reynolds President

SECRETARY'S REPORT

Minutes of the P&DARCS General Meeting held on Friday 09th April 2021 via Zoom Teleconference

Meeting opened at: 7:30pm

Chair for this meeting: President, Bill Reynolds

Members Present on-line: 42

Apologies: Mike Smith, D. Glossop, Glen Cosser & Trevor Carey

Visitors;

Minutes of previous Meeting:

Motion that the minutes held previous general meeting be accepted. Moved; Daniel Jenkins

Seconded: Norm Morrish CARRIED

Business Arising from Previous Minutes;

See General Business

Reports

President:

President welcomed new member John Quale to the meeting. Congratulated everyone on the very successful Monty Tyrrell.

Secretary:

P&DARCS application to VMAA for a grant of \$9,400 being for the material to install a new runway irrigation system for the East and Main runways. The VMAA advised that they would give us a 50% grant and 50% loan payable back in 5 years. The committee noted that if we took up the offer it may put a considerable strain on the club resources and due to the large expenditure and financial commitment the matter would need to be decided by the membership.

The Committee decided to ask VMAA why P&DARCS was offered 50% yet another club was given 2 grants of 100% of their request and others had also received 100% of their requests. We also asked for more time to respond as to whether we would take up the offer due to timing of notice needed for the matter to be considered by the membership.

The contractor has completed that construction and installation of the drainage pits for which we received a \$4,000 grant from MAAA. The Secretary has sent a report and photos and thank you letter to the MAAA

The 2021 Monty Tyrrell went off very well. There were 34 pilots and 59 aircraft registered for the Rally. We were lucky to have the awards presented by Monty's son and granddaughter who enjoyed the day. The winner of the Monty Tyrrell was Steve Wilcox flying his ¼ scale F104 Star Fighter. If you did not see the flight then you really missed out. The category winners were; Best War-bird - Brian Evans – Fiesler Storch; Best Jet - Dave Chivers – Machi ; Best Civilian Ant Sisley - Beechcraft Bonanza.

A big thank you to the members who helped set up the field and during the rally, without their help the event will not run.

Treasurer:

The Treasurer updated the members of the club of the club's financial state.

Treasurer moved his report be accepted. Seconded; Alan Coleman CARRIED

Registrar:

Rob noted that we were approaching the end of the club year and members need to advise him of any changes of address etc so post outs go to the correct address.

He requested members send him photos of models, preferably scratch built, to feature on the 2021/22 membership card. The photos will be published in the Newsletter and a vote taken to see which one features on the card.

Membership is currently at 172.

Field Manager:

Craig reported that the field was in great condition and thanked those that assisted in getting the field ready for the Monty. He will continue rolling in an attempt to get rid of the bumps on the runways. He noted that he was going to collect some mulch and distribute it around the plants to control the weeds.

Facilities Manager:

Norm reported that he was collecting material needed to repair the front entrance. He is also going to fit a new vanity basin to the men's toilet to make it easier to clean and look better. He is also fitting new baffles to the grease trap and a new door on the handicap toilet store room.

Safety Officer:

Absent.

Editor;

Request for articles.

Webmaster:

If members have interesting aircraft related videos please send them in, but not crashes.

Social Secretary:

Nothing to report.

Club Captain:

Club team nearly finalised for the VMAA Trophy event. The Secretary noted that he had sent a copy of the report to the VMAA and MAAA Secretary for their information. The MAAA Sec had replied noting that his club, Tingalpa, had a wire mesh pilot safety fence and this had been there for some 32 years and did not appear to cause problems.

Letters of thanks and appreciation have been sent to Peter Cossens and Ray Cooper for their work in doing the testing.

Chief Flying Instructor

All the new equipment has been sourced and is currently being put together.

The Treasurer noted that the Club has spent \$640 on new training equipment. We received a grant of \$200 from the school that recently visited and also Rob Till donated \$200 to the training equipment. This meant that the actual cost to update the equipment was only \$240. He expressed his and the Club thanks to Rob for his donation.

General Business**1. Report of Possible Radio Interference**

Steve Malcman to present report. He noted that the report was on the club website and had been there for some time. He gave an overview of how the testing was done and the credentials of those doing the test. From the testing it appeared that the metal fence pilot barriers did not appear to cause interference to the models flown on the days of testing.

He reinforced the setting up of "fail safe" in everyone radio system to improve safety.

Steve suggested that the matter be now closed.

Steve requested members to supply as many details as possible if they experience an incident to assist in trying to find out what happened.

The Web Master advised that the report was on the web site and how to access it.

Kieth Quigg considered that the report was very good and moved that the report be accepted by the club.

Steve Malcman moved that the report be accepted by the club, seconded by Keith Quigg **CARRIED**.

Peter Harris gave notice of a motion to be considered to the next Club General meeting as to what happens with the metal barriers.

Following the acceptance of the radio report the Club shall;

1. Continue with the installation of the wire barriers as the one on the eastern runway.
2. Discontinue the wire mesh part of the barriers and replace this with shade cloth.
3. No metal to be used in pilot barriers and new ones be made of wood and shade cloth.

Seconded by Norm Morrish **CARRIED**

Notice of MOTION to be voted on at the April General Meeting

It was noted that only those with a full share holding are permitted to vote those not holding a share are able to hear the discussion..

Reference - Pilot Barriers

Following the acceptance of the Radio Testing Report as presented at the March General Meeting the Committee presents the following motion relating to the new pilot barriers.

MOTION

That the club continues with the installation of the pilot barriers on the other runways with a similar construction as that on the eastern runway.

Reasons: -

The current wood barriers are in a dilapidated condition and are well overdue for replacement.

The testing completed relating to possible signal shielding caused by the metal barriers concluded that: -

- All measurements made during the testing procedure have led to a conclusion that it is very unlikely that the metal barriers will be a problem at P&DARCS.

- Flight testing around the steel pilot safety fencing was satisfactory from all runways. The metal fencing on the Eastern runway is relatively low and the steel mesh grid is large enough to allow the propagation of 2.4 Ghz RF signals. The sheet metal information warning signs do have a shielding effect if the RC transmitter is placed directly behind the signs.

A recommendation is to have the metal placards removed to remove any risk of signal reflection from these signs

- The low range indications that were experienced (in the initial day of testing) on the west side of the field, was most likely due to the water logged field at the time of the test.

Moved Steve Malcman seconded by Norm Morrish

Steve spoke for the motion giving a summary of the testing report by Peter Cossins.

Evan Bellamy noted that metal has an effect on radio signals. He considered that there was effect.

AMENDMENT 1 TO THE MOTION

To continue with the installation of the metal pilot barriers on all runways but replace the wire mesh with multiple layers of shade cloth.

Reasons: -

If a model hit the metal pilot barrier shrouds of metal, carbon fibre, etc. could pass through the wire mesh without significant loss of momentum. The more flexible nature of the shade cloth would have a greater effect on reducing the model's speed before impact.

Motion moved by Ivan Chiselett Seconded by Andrew Smallridge

Ivan spoke for the amendment.

Rob Till noted that the Canberra club that he is a member of also uses shade cloth for this reason.

Alan Coleman noted that he did not consider that the radio signal degradation due to the metal barrier was not correct.

Norm Morrish agreed with using but noted that it tended to be used a breeding area for insects which caused a major irritation problem during the year.

Don Kline supported the use of shade cloth.

John Brann asked if the shade cloth could be treated with a chemical. Norm noted that he had tried spaying but did not have any definite answers.

Ivan noted that the shade cloth could be replaced by a heavy gauge fish netting.

Amendment 1 was then put to the voted;

The result was 19 for 10 against The amendment was carried.

Therefore this now becomes the motion.

AMENDMENT 2 TO THE MOTION

The metal pilot barrier is to be removed and all the barriers are to be constructed from wood and shade cloth.

Reasons: -

There have been 2 instances of models going into fail safe while pilots have been flying behind the metal barrier and recovered only after moving away from the barrier.

There is a growing number of members concerned about the safety of the barrier and many not prepared to use the barrier at all.

Non use of the pilot barrier becomes dangerous on busy days as pilots crowd around the taxi entrances of the runway.

We should be eliminating any doubt that members may have that discourage the use of the barriers.

Moved by Peter Harris Seconded by Chris Caulcutt.

Peter Harris noted that there were no records before the metal barrier was installed but he knew of 2 models that had gone into failsafe when the pilots were standing behind the barrier and were recovered when the pilot moved away from the barrier. He noted that there were many reasons that caused radio interference but difficult to narrow down an actual cause. There was doubt about the barriers and the doubt should be removed by using timber as the barrier.

Peter Harrison also spoke for the motion. He noted that he had submitted a report which was displayed in the screen for those attending to see.

Ivan noted that the wire mesh was now removed and presented a different "reflective" surface.

Peter Harris noted that testing had been done with the mesh removed he signals were still affected.

The motion was put; 59% For 41% Against.

The Motion was carried.

2. Urinal

Angelo Favelora suggested that a urinal be installed in the men's toilet.

Meeting Closed. 9:02 pm

Ivan Chiselett Secretary

FIELD MANAGERS REPORT

Our field is in quite a good state at the moment, plenty of rainfall has fallen, lush green grass and minimal cracking, mostly around edges and the northern part of the East runway. We will be doing a lot more rolling of the runways as they are nice and soft.

The recent Monty day, the field was presented to our members and guests to a very high standard, I must thank all the mowing crew who helped getting the field up to scratch. Frank McPherson, Dale Nicholls, Ian Jacques and Mike Smith.

A top effort by all who assisted.

Mulch has been spread around the clubhouse gardens to stop any evasive weeds from coming through, thanks again Ian for assisting me in getting the mulch.

Maintenance work was done on the trailing deck mower, which goes behind the Fergy tractor, belts were changed and tensioned, all fully greased and the blades resharpened. With the colder months coming ahead, we will be doing a lot of maintenance on our mowers and implements ready for the growing season again.

One of our up coming projects in the near future will be filling in the Step Off the concrete under the Hay Shed, east side and front of the concrete, this is a major trip hazard, soil will be compacted and reseeded or turf laid, basically creating an Apron around the Hay shed. The pits area will receive some top dressing as there are some ruts and cracks as well.

We will require assistance from the membership to give us a hand for these up coming projects, so don't be shy, come along and enjoy the day.

Apart from that, not much else to report on.

Enjoy your flying



Garden outside front of Clubhouse nicely mulched

Craig Fitzsimons Field Manager

Registrars Report – May 2021

New Member Applications

No new member applications this month:

Membership Upgrades

The following members have completed 6 months Probationary Membership and are entitled to be offered Full membership.

Mark Bishop, Ben Bratoiu, Alex Butler, Jim Morianos, Andrew Moorhouse, Timothy Morland, Anthony Peate, Luke Phan, Terence Pollock, Paul Rolph, Joseph Scarpa, Andrew Sill, Alexander Subotsch, Darren Taylor, John Teather, Paul Van Tongeren, Rodney Watkins, Richard Wiggan

Any objections to these upgrades may be raised by sending in an official objection in writing to the Secretary. Note that only FULL members have the right to raise an objection.

Awards

Congratulations to both **Chris** and **Cooper Keller** on the award of Silver Wings (P). Chris previously held his Gold wings however having been away from MAAA for more than three years this award has lapsed.

A reminder that we are looking for a special model

No photos of models were submitted by club members therefore the committee will make a decision on the format of the membership card for next year

Membership Renewals

Renewal time is almost here! We will be sending renewal forms to you next month – will they get to you? Please ensure that I have updated mailing addresses where necessary as this will save delays and multiple mailings.

Membership statistics

	Paid 2020-21	Unpaid	New 20-21
Associate	15	3	1
Full	101	5	2
Honorary	0	0	0
Junior	8	0	2
Life	3	0	0
Non-flying full	0	0	0
Pensioner	21	1	0
Probationary	22	3	17
Prospective	1	0	1
Student	0	0	0
Spouse	1	0	0
Total Paid	172	12	23

Rob Till Registrar

April 2021 Committee Meeting Summary

The Club's committee met for the fourth time in 2021 on Thursday night April 22nd via Zoom. Some of the items considered are noted below;

- The changes to the COVID restrictions to be continue to be monitored to ensure the club conforms.
- Prospective member Robert Darby was voted into the Club.
- The Club received no applications for membership in the last month.
- The motion to remove the metal pilot barriers was passed at the April General meeting.
- Peter Harris and Norm Morrish will continue to clean the toilets in the short term. A new cleaner will then be sought after COVID restrictions ease.
- Monty Tyrrell Scale Rally was considered a success with a good turnout of pilots and models.
- Committee members are writing up their position description.
- Investigating options to remove the "steps" around the hay shed.
- Investigating pilot barrier options.
- Our Club's grant application to VMAA for \$9,400 for equipment needed to install a watering system. The Club wrote requesting an extension of time to respond and questions why we did not receive the full amount. Approval for the extension in time to respond has been given and they are considering our other question.
- The club's CFI has almost completed assembling the new trainer equipment.
- The committee decided to conduct a vote as to whether members wish to have an outdoor face to face general meeting as the Covid restrictions still made it not feasible to hold a meeting in the Club rooms.
- Approval was given for the following competitions to be held at the field;
Victorian Scale Aircraft Group on May 23rd and
Large Scale Aerobatics Group on May 15 & 16. The field will not be closed during these events.
- The next committee meeting is to be held on Thursday night May 20th 2021. The date and type of the next General meeting will determined as the COVID restrictions/requirements change.
- A submission was received re safety procedures for the Club and is being considered by the committee members.
- Contact was made to a group of paragliders that operate near our field with the view to have them visit the Club for a demonstration and exchange of ideas.

Ivan Chiselett Secretary

Scratch & Kit Built Scale Rally Sunday November 7th 2021 Call for Sponsors



All Kit & Scratch Built Scale Aircraft welcome. No ARF's please

We are starting to put together the Scratch & Kit Built Scale Rally for 2021. If you would like to be a sponsor, by the way of Cash or Product donation, or if you know of a Company that you think would like to be a Sponsor please contact Ivan at chiseli@oiptusnet.com.au or on 9898 4379.

We need Sponsors to make this the high profile event that it is.

MONTY TYRELL SCALE RALLY AT OUR Flying Field 28th March

All photos Andrew Mysliborski

The 2021 Monty Tyrrell went off very well. There were 34 pilots and 59 aircraft registered for the Rally. **We were lucky to have the awards presented by Monty's son and granddaughter who enjoyed the day.**

The winner of the Monty Tyrrell was Steve Wilcox flying his ¼ scale F104 Star Fighter. If you did not see the flight then you really missed out.

The category winners were; Best War-bird - Brian Evans – Fiesler Storch; Best Jet - Dave Chivers – Machi ; Best Civilian Ant Sisley - Beechcraft Bonanza.

A big thank you to the members who helped set up the field and during the rally, without their help the event will not run.

Ivan Chiselett Secretary







Winner, Steve Wilcox,
 1/4 scale F104 Star Fighter



Best Civilian, Ant' Sisley
 Beechcraft Bonanza



Best Warbird, Brian Evans
 Fiesler Storch



Best Jet, Dave' Chivers
 Air Macchi

From Our Flying Field



Tim Morgan's ¼ scale Mimi Moa pre WW2 German glider, span about 5.2M, ARF from Dragon R.C



Hung Tran's MX2, 3D, balsa and ply, DLE 30cc petrol, 1.7M span, 18 x10 prop



Hung Tran's custom made Heli', made in Suzi, Laos 800 size, electric motor quantum 45 300, 500KV, ESC 160 amp, Futaba flybarless controller



Dave Chivers new Pawnee, Hanger9 ARF, 1/3 scale, engine DLE 130cc twin, span about 3M, 28 x 10 prop, all up 15Kg, Preparing for certification flight, by Ivan Chiselett



Dave Law's Black Eagles jet, Rokaf T50, Swi Win 190 turbine, 90Kg thrust, wet weight about 18Kg, span about 1.7 M, from Dragon R.C

P&DARCS CALENDAR FOR 2021

May

01 (Sat) - 02 (Sun) [VMAA Trophy \(Darrweit Guim\)](#)

01 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)

15 (Sat) - 16 (Sun) [IMAC Scale Aerobatics](#) Field Open: **Partial**

20 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

23 (Sun) 9:00 am - 3:00 pm [VFSAAA Scale Comp](#) Field Open: **Partial**

June

05 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)

17 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

July

04 (Sun) 1:00 pm - 2:30 pm [Club Meeting](#)

22 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

August

07 (Sat) 1:00 pm - 2:30 pm [Club Meeting & P&DARCS AGM](#)

19 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

September

04 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)

23 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

October

02 (Sat) 1:00 pm - 2:30 pm [Club Meeting & Coop AGM](#)

21 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

November

06 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)

07 (Sun) [P&DARCS Scratch / Kit Built Scale Rally](#) Field Open: **No**

18 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

December

04 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)



Next Club Meeting Saturday 8th May 1 pm
Venue TBA

P&DARCS Newsletter
Pakenham & District Aircraft Radio Control Society

If undelivered return to
P&DARCS.
Po Box 131
MDC Cranbourne 3977