



P&DARCS

Pakenham and District Aircraft Radio Control Society



P&DARCS NEWSLETTER APRIL 2021



David Chivers Sukhoi, at the flying Field 21st February. Twin gas turbines, a high speed performance machine, and flown expertly by David

This is a Sukhoi air-defence fighter. They are single-seat, twin-engine, supermaneuverable aircraft, designed by the Sukhoi Design Bureau and built by the Russian Komsomolsk-on-Amur Aircraft Plant.

Top speed: 2,778 km/h, **Range:** 4,500 km, **Weight:** 17,500 kg, **Length:** 22 m, **Unit cost:** 40,000,000–65,000,000 USD (2013)

Next Club Meeting 9th April, (Fri) 7:30pm Via Zoom

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EDITOR'S BIT

It was Sunday 21st February, a very good day for flying model aircraft, the wind was from the South, so the Eastern strip was in service

There was a full range of model types from the Sukhoi twin turbine / large Decathlons / big helicopter, and many more besides

Everyone was keen to do some flying, and there was a good line – up of observers in the “ peanut gallery “ including myself

A good time flying at the BEST flying Club, and facilities

P&DARCS



Very busy Eastern side apron and flying strip

Frank McPherson Editor

WHAT'S ON At P&DARCS 2019

Look in the Club Calendar on page 16

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A BIT OF HUMOUR

**CAN SOMEONE UPDATE
ME ON WHAT'S
OFFENSIVE TODAY.**



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

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.

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.

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.

PRESIDENT'S REPORT

Well, here we are, right in the middle of autumn----what the hell happened to summer??--I must have slept in that day.

Never mind, autumn is known for providing the most reliable flying weather so lets make the most of April and May, cos if the calendar is right then June will be winter, and we will all be back in the workshop with the heaters on.

Before those dreary days hit us, we have some interesting and enjoyable events coming up, like the Monty Tyrell on 28th March, (don't forget the preparation working bee on Saturday 27th) Then the VMAA trophy on 1st & 2nd May at Northern Flying Group (we are defending as the current holders (4 times in fact), and to wind up the autumn we will see--- and some of our members will be involved in--- IMAC large scale aerobatics on 15th & 16th May at our field.

So after all that excitement we retire to the work shop to prepare a new and stunning scale model for our own Scratch or Kit Built Scale day for 7th November.

It does not matter if your model is considered by you to be good bad or indifferent, the important thing is to bring it and join in the flying and "show & tell", its all meant to be FUN.

Bill Reynolds President

SECRETARY'S REPORT

Minutes of the P&DARCS General Meeting held on Wednesday 10th March 2021 via Zoom Teleconference

Meeting opened at: 7:35pm

Chair for this meeting: President, Bill Reynolds

Members Present on-line: 29

Apologies: D. Glossop, Glen Cosser, Rob Till

Visitors; Nil

Minutes of previous Meeting:

Motion that the minutes held previous general meeting be accepted. Moved; Craig Fitzsimons Seconded:

Don Klien **CARRIED**

Business Arising from Previous Minutes;

See General Business

Reports

President:

Thanked the person that found his crashed aircraft and returned it to the club.

Secretary:

The Sec noted that the Club had submitted an application for a \$9,500 grant from VMAA to pay for the equipment necessary to install a new watering system on the East & Main runways. He believed that this matter will be decided at the VMAA tomorrow night.

He also noted that the contractor was currently installing the drainage pits for which we received a \$4,000 grant from MAAA. He anticipated that the pits would be completed in a couple of days.

Treasurer:

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

Treasurer moved his report be accepted. Seconded;

Keith Quigg **CARRIED**

Registrar:

Absent.

Sec reported that the Membership currently at 171 members,

Peter Harris reported that there had been a good number of inductions done in recent time. Some more inductions will be conducted shortly.

Field Manager:

Some cracking on the edges of the runways has appeared. It is hoped that the rain forecast for this weekend will assist this. There has been some spraying done and there needs to be some more in the pits.

There has also been some work done on the CL circle.

There is a working bee on the Saturday prior to the Monty to get the field ready for the event.

Facilities Manager:

Replaced a toilet bowl in the men's toilet due to one being broken when a seal was attempted to be renewed.

The hand basin in the men's toilet is being replaced.

A plumber is scheduled to install this next week. The bird proofing under the hay shed appears to be working well with very little bird poo on the floor.

He is about to get the material to renew the entrance of the field.

Safety Officer:

Absent

Peter Harris noted that we have received advice that the VMAA/MAAA are reviewing all the Inspector appointments in the near future.

Editor;

Request for articles.

Webmaster:

Business as usual. A note has been added to promote the Monty.

Social Secretary:

Moorabbin & Vietnam museums have been contacted and visits may be arranged after the virus has completed.

Club Captain:

VMAA Trophy is scheduled to be held at the NFG field on May 2 & 3rd.

Team is getting put together and those interested should contact Peter.

Chief Flying Instructor

Keith Quigg reported that there had been a very successful visit from a group of children from the John Henry School last week. All of the children had a go at flying. Unfortunately the Club trainer was destroyed during the day. He thanked Alan Foley, Andrew Mysliborski, Peter Harris and Ivan Chiselett for their assistance during the day. He noted that the school donated \$200 to club. He advised the school that a donation was not necessary but they insisted.

It was noted that the Club has hosted schools in the area for several years.

General Business

1. Report of Possible Radio Interference

Steve Malcman presented 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.

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.

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.

Keith 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**

2. Flying Behind the Barrier.

Keith Quigg asked if there was a Club Rule that required pilots to stand behind the barrier when flying. Peter Harris noted that when the barriers were introduced we only got approval from the members if it was not mandatory. There has always been the proviso that if you did not want to stand behind the barrier you had to stand next to it. He noted that if members want to change this then this has to be done as a Rule Change.

3 Club Trainer Donation

The Secretary advised that Club Member Andrew Biescher has donated a brand new Boomerang 60 Trainer to the club. This will be a great replacement to the trainer lost at the recent school visit.

A letter of thanks has been sent to Andrew for his generous donation to the club.

4. Monty Tyrrell Scale Rally

The Sec reported that he had only received one reply for assistance. We need more so if you can help please contact the Sec.

The Sec reinforced that there will be no catering at the Monty due to the Covid requirements.

Members will be advised of what is happening by SMS notification.

5 Model Noise

Bill Reynolds reported that he witnessed a couple of modelers testing a motor that was quite noisy and asked Steve if he would follow up with the members.

6 Properties for Sale

The Sec reported that the property on the corner of Wenn Rd North of the Flying Field, had been sold.

He was on the internet trying to find out what it was sold for and discovered that the property to our immediate west is also on the market.

If any member manages to find out prices would they please advise the Sec.

Norm Morrish advised that he knows the owner at the northern property and will talk to him.

Meeting Closed. 8:45 pm

Ivan Chiselett Secretary

Daryl Slade recovering

I spoke to Daryl Slade's wife Nola on Friday as I had heard that he had a hip problem.

In fact he had a fractured pelvis to which the doctors pinned a plate. Then there was an infection and the next nine weeks were spent fighting it he should be going home late this coming week

Bill Reynolds President

VMAA Review of Heavy Model Inspectors

The VMAA recognises that the list of recognised MAAA Heavy Model Inspectors in Victoria is in need of review to ensure that VMAA members continue to be well served by a suitable spread of people with current enthusiasm and knowledge.

This review has been planned for a while but is linked to some updates in the MAAA MOP that should be finalised in the next few months.

Please let any HM Inspectors in your club know that we are going to be reaching out soon to advise how this review will progress.

If you have any concerns, please contact the VMAA Secretary.

The VMAA Meeting was held via Zoom Videoconferencing, starting at 7:30 pm on Thursday, 11 March 2021.

Stay safe, Fly Well

VMAA Secretary

Joe Finocchiaro

FIELD MANAGERS REPORT

Not a lot to report on this past month. The runways are still in a great condition for flying, still nice and green and very little amount of cracking.

We had 20mm of rain on a Saturday early in the month, which was awesome but not really enough to reduce cracking and drying out. Hopefully we get more and get our irrigation system up and running before next summer.

Three open pits have been cemented and enclosed with metal mesh lids, this was done by our grant from MAAA, they will just need tidying up around them and reseeded.

See Photos below

The **control line circle** has had some work done on it, scraping of the centre and some spraying done, more volunteers are needed to get this awesome project off the ground. Get in contact with Mark for further details. See the full report, and photos on page 12

We have our **Monty scale event** coming up on the 28th March, a working bee will be held on the Saturday, volunteers are needed for this event, all you newbies out there, don't be shy and lend a hand, a great way to meet other members and get involved in our awesome club.



Next to the driveway, Eastern carpark



Adjacent to the new machinery shed



Pits area, East

Enjoy your flying

Craig Fitzsimons Field Manager

REGISTRAR

Registrars Report – April 2021

New Member Applications

New Member application this month

Robert Darby, Greenvale-Probationary Member

Any objections to this member application 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 **Alexander Subotsch**, on the award of his Bronze Wings (p), and to **Josh Cunningham** for his Silver Wings (p)

Are YOU membership card material ?

We are looking for a model to feature on our Club Membership Card for next year. If you have a model that we could feature in colour on 160+ membership cards then let us know!

Requirements:

- Model owned by a club member
- Scratch built
- Colour photograph, flying if possible
- No identifiable people in the photo
- A good sharp image and original must be in High Definition (HD) for printing purposes

Send images to badge@pdarcs.com.au by 30 April 2021. Please resize your files to 1024 X 768 or 4MB otherwise the electronic mail system may reject the file. If you have issues with your mail system please contact Daniel (webmaster@pdarcs.com.au) and he may be able to assist you. We will contact you if your file is short listed to obtain an HD version of image

The final selection will be made by club members from a short list published in the May 2021 newsletter. So get those smart phones and cameras out and snap away.

Membership Status

	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	20	3	15
Prospective	2	0	2
Student	0	0	1
Spouse	1	0	0
Total Paid	171	12	22

Rob Till Registrar

Visit from John Henry Primary School (Pakenham)

On Wednesday, March 2nd, the P&DARCS hosted a visit by several students (and two teachers) from the John Henry Primary School (Pakenham). This excursion was organised by Alan Foley and was a perfect opportunity for us to showcase our facility, promote aeromodelling to a younger audience and one that is within close proximity to our field.

Along with Alan, Andrew Mysliborski, Peter Harris and Ivan Chiselett were generously on hand to offer support and the use of their planes and equipment to allow each student several sessions of flying the models on the buddy system. All of the kids handled the aircraft reasonable well and were lining up for more flights throughout the morning.

Unfortunately on the last flight of the morning, the Boomerang trainer suffered a failure of some form and was written off. Turning onto the base leg of the eastern runway, the model appeared to not return to "master" control on the buddy system.

It continued on a relatively wings level course, impacting ground in a slight nose down attitude. It was not pretty.

The visiting school kids were not at all put off by this incident and they were all excited to take home a little piece of the wreckage as a souvenir of the day. Not a perfect result but the teachers have expressed a very definite desire to make the visits part of their regular school term. The school has also made a generous donation of \$200 to the club for hosting them for the day.

I removed the servos, speed control unit and motor from the aircraft and took it back home to make certain it could be used again. The receiver belonged to Andrew. One servo (the elevator) was frozen and the ESC unit was not functioning. Either or both of these factors probably contributed to the plane's final free flight journey.

It has been my intention to propose a total revamp of the club trainer system including storage and operation to the committee and this will be done in a separate email once I have some information back from the distributor.

Again, many thanks to Alan, Andrew, Peter and Ivan for their assistance in making the school visit a very successful day.

Regards

Keith Quigg | AUS 22897
Chief Flying Instructor P&DARCS
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Some photos from the day on the next page

All photos, **Andrew Mysliborski**
(with permission)

March 2021 Committee Meeting Summary

The Club's committee met for the third time in 2021 on Thursday night March 18th 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.
- Three Prospective members, Joshua Cunningham, Kieran Douglas (junior member) & John Quayle were voted into the Club.
- The Club received no applications for membership in the last month.
- The motion re the metal pilot barriers was noted as being on the agenda for the April General meeting for voting by the membership.
- The sealing of the toilet floors is still on hold due to an illness in the contractor's family.
- 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 is still on the program. There will be a working bee held on Saturday to prepare the field for the Monty.
- The construction of drainage junction pits with lids which was funded by an MAAA Grant has been completed.
- Quotes are being sort for new timber and materials to rebuild and rejuvenate the entrance to the field.
- Committee members are writing up their position description.
- It was agreed to buy some safety cones to designate a jet start up area.
- The committee agreed to a revamp of the storage of club equipment. The storage room next to the handicapped toilet will have a new door fitted and changed into a secure Club storage room. The Kitchen store room, the computer room and the store room in the club rooms will also be altered and upgraded for the storage of specific items.
- A rule proposal was submitted to require the run up of motors to occur away from the hay shed area. This will be put to a general meeting.
- Our Club's grant application to VMAA for \$9,400 for equipment needed to install a watering system on the east & main runways was considered at the last VMAA meeting. They agreed to a 50% grant and a loan of \$4,700 payable back in 5 years. Our documentation noted that the club may have to have the system installed by contractors at a cost of \$5,000. This aspect seems to have been overlooked at their consideration. The committee decided to ask the VMAA why we were only offered 50% when some other clubs have received 2 grants of 100% of what they asked for. It was also noted that the membership of the club would have to vote as to whether we accept the offer which as it stands would put financial strains on the club.
- The club's new CFI put forward a proposal to upgrade our training equipment. This was approved.
- The committee again reluctantly decided they were not able to hold a face to face General meeting due to COVID regulations/rule. This will be continually monitored.
- Members to be reminded to always wear their Club Badges at the field.
- Committee agreed to take up a 12 month Zoom subscription for committee meetings.
- Approval was given to the Victorian Scale Aircraft Group to hold a competition at the field on April 3rd. The field will not be closed.
- The next committee meeting is to be held on Thursday night April 22nd 2021. The date and type of the next General meeting will determined as the COVID restrictions/requirements change.
- Concern was expressed at the speed of some models when the potential speed was not demonstrated during the inspection process.

Ivan Chiselett Secretary

Visit from John Henry Primary School (Pakenham)



Receiving pre-flight instructions from Keith, and Alan



The cordless buddy system at work, Keith on the left, Peter on the far right



A busy flight line, Boomerang Trainer, entering the strip on right



Unfortunate demise of our Boomerang Trainer



The Team from John Henry Primary, celebration a good day at our Flying Field

Control Line Circle Report

Just a note to say thank you to the people that turned up on Sunday to the Control Line Circle meeting.

We had a great day and a great afternoon with a BBQ and some flying as well. As special thanks to Cliff and to Keith for having a go. It was well received and it brings back many fond memories for all that were there. A thank you to Peter Harrison for being the scribe and also a thanks to Craig for doing the cooking and Paul for helping out with logistics.

If I have forgotten anyone. A Thank you also is in order.

We are in the process of finalising the notes from yesterday meeting. I hope to get them out in the next day or so.

These notes will be sent to the P&DARCS secretary.

We marked out the field yesterday and determined the final centring so we can start on the centre circle over the next month or so..... Budget depending!

Today Sunday, we marked out the flight area with some temporary fencing and we have also marked out where we will have the grass safety barrier system which is the same as the RC flight line. Hopefully in autumn when the rains are back we can get some growth into these areas.

The next plan is to level the centre circle area and start the preparations for obtaining the levels from the centre of the circle using a laser level across the 1700 square meters of flight area.

We may be able to do this next Saturday or possibly the Saturday after. Please let me know by email if you are able to help. I hope to be able to put the advice out by Thursday or Friday.

Finally, here is the group photo we took on Saturday.

I hope to get a small article in the newsletter next month. If you have anything else of control line interest, please let Frank McPherson know and I am sure he will put it in somewhere. He is always looking for good small articles.

Talks soon and thanks again

The current situation:

The current situation is that the circle itself is basically flat with approximately two hundred and fifty Tonnes of Dalmore soil and clay already installed.

The current circle is flyable to most craft but is still considered rough compared to where we would all like it to be.

We have many of the construction items already and we also have some much better soil available to us when we need it.

The next small phase is to install the centre circle concrete with the centre post.

To give you an idea of the current site and to give you all an idea of the size of the project the circle itself is as follows.

Circle size:

1700 square meters with a radius of 25 meters.

Or radius of 75 feet.



Control line enthusiasts at the first P&DARCS Control Line Meeting

From Our Flying Field



David Law's FW190, a Top R-C kit, Moki 180 5 cylinder radial, Powerbox System radio



Ben Bratou's Carf Ultraglass Jet, a Muntz 166, DX18 radio today was a certification flight



Greg Lepp's, Extra 260, from Boomer R.C



Cliff McIvor's Fun Fly Sportster, scratch build during lockdown, flaps, 120 O.S 4 stroke pumped, loads of power



Mike Smith's Hangar 9 Ultra Stick electric, 5045 motor, 6S 5000, LiPO, 80 amp ESC



Brian Evans, twin thing, 2 off 46 AX, loads of power, called DEF - 3

P&DARCS CALENDAR FOR 2021

March

27 (Sat) 9:00 am - 3:00 pm [Mini Working Bee for Monty Tyrrell](#) Field Open: **No**

28 (Sun) [Monty Tyrrell Scale Rally](#) Field Open: **No**

April

03 (Sat) 9:00 am - 4:00 pm [VFSAAA Scale Comp](#) Field Open: **Partial**

09 (Fri) 7:30 pm - 9:00 pm [Club Meeting \(Zoom\)](#)

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

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](#)

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](#)

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

December

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



Next Club Meeting 9th April, (Fri) 7:30pm Via Zoom

P&DARCS Newsletter
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If undelivered return to
P&DARCS.
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