



P&DARCS

Pakenham and District Aircraft Radio Control Society



P&DARCS NEWSLETTER SEPTEMBER 2020



A David Glossop Gazariator, at our Flying Field January 2017, not sure who was flying it.
Power is probably a 40 size glow motor

**Club Meeting For September Via Zoom, see page 7
For Details**

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EDITOR'S BIT

Looking After Your Car Battery

Due to current restrictions on travel, your car is likely to be sitting idle for some time

When a lead acid battery sits idle, it slowly self discharges, this also causes sulfate to slowly form in the battery and reduces it's capacity

The electronics in modern cars also contribute to the battery discharging

Lead acid car batteries are not designed to provide deep discharge, and do start to form sulfate when partially discharged for a length of time. They survive best when fully charged

The maximum time you can let your car sit with the battery intact is around 4 weeks, after this time it is best to charge the battery fully

Driving to the shops and back will not top up your car battery

With our current restrictions, on driving, the best method is to use a battery charger, most model airplane chargers have the option in the menu to charge lead acid batteries, Pb, and the charging process is usually automatic

Failing that, a new top of the range Exide 60 amp hour battery costs around \$ 150- retail



Frank McPherson Editor

WHAT'S ON At P&DARCS 2019

Look in the Club Calendar on page 16

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SOME OF THE OTHER

HOW'S THIS FOR A DOG !



Yes it's a Spotted Hyena, native to sub-Saharan Africa, check out the size of the restraint chain, looks like it has a wire guard over it's jaws, the locals seem a bit wary of it !

I think it would create a stir at Dogs Victoria, (KCC Park)

NOTICES

SAFETY PILOT *BARRIERS* & YOUR RESPONSIBILITIES

As members are aware the Flight Barriers are being upgraded. The new east barrier has been installed and is to be raised another 100mm. The construction of the replacement main East/West strip barrier is being supervised by Norm Morrish off site and will be installed in the near future. The construction of the final barrier on the West Strip will be the last barrier to be installed and will be relocated further north along the strip in a similar position to the relocation of the barrier on the Eastern Strip.

The Barriers are installed for your safety and you are expected to use them.

There is also an expectation from the insurance company that pilots would make use of the safety equipment that is provided by your club for your safety. In the worst scenario noncompliance could seriously affect a future claim.

Too often members are standing in front of the barriers, leaning back against them and even worse some members still stand on the edge of the flying strip.

- This increases the danger of being hit by a model by eliminating the chance of the model being arrested by the long grass protection strip or the barrier.
- It is very discourteous to other pilots with their line of sight to their aircraft being disrupted by having other pilots standing in front of them particularly during low passes and landing approaches.

It has been very difficult getting new members and the club's juniors to comply with the rules when experienced modelers are blatantly disregarding them.

When joining or renewing your membership to the club you are accepting to abide by the rules of the club and to accept the Committee's direction to comply.

Once the Field is back open there will be an expectation that all members will abide with the Flying Rules of the club. Quite honestly, I'm tired of telling members they need to stand in the designated Pilot Standing areas.

Further to this, members have also been negligent in allowing guests in the pilot area who are not directly involved in the flying of the aircraft. All people not involved in the flight of the aircraft should be 30 meter behind the flight area.

We already have enough rules in place to cover these situations, don't place the Committee in a situation where stronger action is required to ensure these requirements are enforced.

Peter Harris
P&DARCS Committee

Report from PDARCS Committee

As you are all well aware there has been severe restriction imposed on the operation of our club as a direct result of the restrictions imposed by the Victorian Government. It appears that the current restrictions are starting to have the required effect on reducing the spread of the virus and The Committee hope that we will be able to start operating back at Burley Field at least in some restricted manner once stage 4 restrictions are rescinded.

Due to the restrictions, the P&DARCS Committee made the decision to defer the August AGM in the hope we would be able to run it later in the year at the field. It seems apparent that it will be some considerable time before it would be possible to have face to face meetings, the reason for deferring the Annual General Meeting originally. As a result of this the committee have decided not to defer the AGM any further. Please find enclosed two Notices for the P&DARACS AGM and the Darcfields Cooperative AGM to be held at 1:00pm. Saturday 3RD October 2020.

The meeting will be held via an online Zoom Webinar format. A registration link will be sent to Members via email which will allow you to register for the meeting. We are aware that some of our members may not be set up to participate online. Members will also be able to connect by phone and should any voting be required it will be done via email. This will allow anyone who wishes to participate in the AGM to join via phone or computer.

Only current financial members that are share-holders are eligible to vote at an AGM. As we need to give all eligible members the opportunity to participate in voting for their new committee, voting will be conducted by email and will be scrutinised by a third party. Provision will also be made for the members that don't have internet/email access.

The nomination forms for the Club and Cooperative are available on our web site and may be obtained through the following link.

www.pdarcs.com.au/nomination

NOTICE OF P&DARCS AGM

The Annual General Meeting of P&DARCS will be held via Zoom at 1:00pm on October 3rd 2020.

Business of the Annual General Meeting shall be:

1. To receive and confirm the minutes of the previous Annual General Meeting.
2. To receive from The Committee reports upon the transactions of the Club during the last preceding financial year.
3. To receive and consider the statement submitted by the Club in accordance with section 30(3) of the Act.
4. To appoint the Auditor of all Club accounts.
5. To elect office-bearers for the ensuing 12 months.
6. To deal with any special business of which notice has been given in accordance with these Rules.

Office Holders

1. The Officers of the Club shall be: A President, a Vice President, a Secretary, a Treasurer, a Registrar and Ordinary Members as defined by the club by-laws.
2. Each Officer of the Club shall hold office until the next Annual General Meeting after the date of his or her election but is eligible for re-election.
3. Nominees for all Office Holders shall be Full Members of the Club.

The Ordinary Member Positions; Duties listed but not restricted to

- Facilities Manager - Manage construction and maintenance of items including machinery.
- Field Manager - Manage the surface of the field including scheduling the "Mower men".
- Webmaster - Manage the Club Web site and other electronic installations and services.
- Safety Officer- Monitor, coordinate and report safety aspects of the clubs operations.
- Editor- Produce monthly Newsletter and arrange distribution.
- Social Secretary- To arrange social activities for the club.
- Club Captain - To arrange competition activities including, but not limited to, organising the team for the VMAA Trophy

Election of Officers and Ordinary Committee Members - extract from the Constitution.

1. Nominations of Candidates for election as Officers of the Club or as Ordinary Members of The Committee will be accepted from the Full Members attending the Annual General Meeting.
2. A candidate may only hold one Officer Position.
3. A candidate may be nominated for & hold more than one Ordinary Member position, but shall only have one vote on The Committee.
4. If insufficient nominations are received to fill all Officer positions on The Committee. The candidates nominated shall be deemed to be elected at the AGM.
5. If the number of nominations received is equal to the number of vacancies to be filled, the persons nominated shall be deemed to be elected.
6. If the number of nominations exceeds the number of vacancies to be filled, a ballot must be held. Only Full Members will be entitled to participate in the ballot.
7. The ballot for the election of Officers and Ordinary Members of The Committee must be conducted at the Annual General Meeting in such manner as The Committee may direct.
8. If a Club Officer position becomes vacant during the year, nominations for that position may be received & voted on at a General Meeting. Only Full Members will be entitled to participate in the vote.

Ivan Chiselett , P&DARCS Secretary

P&DARCS General Meeting 5th September

There will be a tele-General Meeting of the club on September 5 at 1pm. The meeting will be via the internet and instructions of how to attend will be published on the club web site. It will be an ideal time to “practice” for the AGM which will be held via the same system on October 3, also at 1pm.

Please make sure that you look at the web site a few days before the meeting to be familiar with the process.

The minutes of the last General Meeting are in this Newsletter. This meeting was actually a Special Meeting called for budgetary considerations.

Ivan Chiselett , P&DARCS Secretary

2020 Scratch & Kit Built Scale Rally - Cancelled

Unfortunately due to the uncertainty of the COVID restrictions the Committee has reluctantly taken the decision to cancel the 2020 Scratch & Kit Built Scale Rally.

The concept will not be abandoned; we will come back with a bigger and better Scratch & Kit Built Rally in 2021. There should be an explosion of scratch built models coming out of the building rooms with all the time we have had.

Hopefully we will be out of the shadows and restriction of the virus so that we can have a great Monty Tyrrell Scale Rally in early 2021.

We will keep you informed of progress and a date as soon as things settle down a bit.

Rest assure, if we can have host these Scale Rallies we will. Let us all just hope this virus stuff is gone very soon.

Ivan Chiselett , P&DARCS Secretary

NOTICE OF COOP AGM

Notice of Annual General Meeting Darcfields Co-operative Limited

The Annual General Meeting of the Society will be held
by On-line Zoom Meeting at 1pm on Saturday 3 October 2020.

Note: *Eligible Voting members will receive a link by email.*

Ordinary business of the meeting will be:

1. To confirm the minutes of the last AGM
2. To receive from the Board, Auditor or any officer of the Society reports upon the transactions of the Co-operative during the financial year including balance sheet, trading account, profit and loss account, statement of cash flows, and the state of affairs at the end of the financial year.
3. To elect and confirm the remuneration (if any) of the Directors. Mr P. Harris and Mr F. McPherson are retiring as directors. Mr P. Harris and Mr F. McPherson offer themselves for re-election.

Nominations for election as Director to fill these vacancies are to be submitted to the Secretary in writing on the form available at www.pdarcs.com.au/nomination. Forms to be submitted at least 21 days prior to the meeting. (*Rule 41 (3)*) No nominations will be accepted from the floor at the meeting.

4. To appoint an Auditor
5. To transact any special business of which notice has been given to members in accordance with the rules.

The rules provide that any member having a resolution to submit to a general meeting "*shall give written notice thereof to the Society not less than twenty-one days prior to the date of the meeting*". Any such notice must be sent to:

The Darcfields Secretary
coop-secretary@pdarcs.com.au

**MINUTES OF THE P&DARCS SPECIAL MEETING
HELD ON SATURDAY MAY 8TH 2020 VIA TELECONFERENCE**

Meeting opened at: 1:00 PM

Chair for this meeting: President, Bill Reynolds

Members Present: 37

Apologies: Nil

Visitors; Nil

Minutes of previous Meeting: Motion that the minutes of the March meeting be accepted. No meeting was held in April due to the COVID-19 situation.

Moved; Peter Harris Seconded: Rob Till **CARRIED**

Business Arising from Previous Minutes; Nil

President: The President advised that due to the COVID-19 situation the only business of this meeting was to vote on the proposed budget for the 2020/21 year and the fees for that year. He noted that members would have the opportunity to ask questions during the meeting.

Treasurer:

The Treasurer led the members through the budget explaining the items as necessary.

The Treasurer noted that the Committee has recommended the budget presented.

The Treasurer moved that the budget as presented to the meeting be approved. Seconded by Rob Till **CARRIED**

Early Payment Discount; The Treasurer then advised proposed the membership fees for the 2020/21 year. He noted that due to the COVID-19 situation the committee had agreed to a 10% discount for members who paid their fees by June 30.

The Treasurer moved the motion that the Club fees paid by no later than June 30 would be eligible for a 10% reduction in Club Fees only. Seconded by Rob Till. **CARRIED**

Club Fee Structure; The Treasurer moved the motion that the fee structure as proposed be adopted. Seconded by Rob Till. **CARRIED**

Financial Hardships; The Treasurer noted that the Committee has set up a sub-committee of himself and Alan Coleman to confidentially hear submissions from members who have suffered extreme financial hardships due to the virus and therefore ask for financial consideration for their fees. He noted that the sub-committee's decisions were confidential and binding.

The Treasurer noted that any discounts are only applicable to the club component not the VMAA/MAAA fees.

The Treasurer moved the motion that the members may request, to a special subcommittee, consideration in Club fees due to financial hardships attributed to the COVID-19 situation. Seconded by Rob Till. **CARRIED**

The President thanked all that registered to "attend" the teleconference meeting.

Meeting Closed 1:33 pm

Ivan Chiselett , P&DARCS Secretary

PRESIDENT'S REPORT

Bill is currently being fitted out with a new hip, at Latrobe Regional Hospital

We wish Bill a successful op' and a speedy recovery

Editor for, **Bill Reynolds** President

REGISTRAR

Registrars Report – July 2020

Membership Renewals

The discounts are now **ENDED** and anyone paying their subscriptions now are required to pay the **FULL** amounts – it is no good paying the reduced amount hoping that we will process it anyway – **NO CHANCE !!!!**

Any problems – contact me on registrar@pdarcs.com.au

Un-Financial Members

Letters have been sent to all un-financial members advising them that their membership has ceased, that they may no longer use the club facilities and asking for the return of their club keys

Membership Status

	Paid 2020-21	Unpaid	New 20-21
Associate	16	4	1
Full	92	10	6
Honorary	0	0	0
Junior	5	0	0
Life	3	1	0
Non-flying full	0	0	0
Pensioner	21	2	0
Probationary	3	2	0
Prospective	4	0	3
Student	0	0	0
Spouse	1	0	0
Total Paid	145	20	10

Rob Till Registrar

New Flying Field Watering System

Report from Ivan Chiselett, Secretary

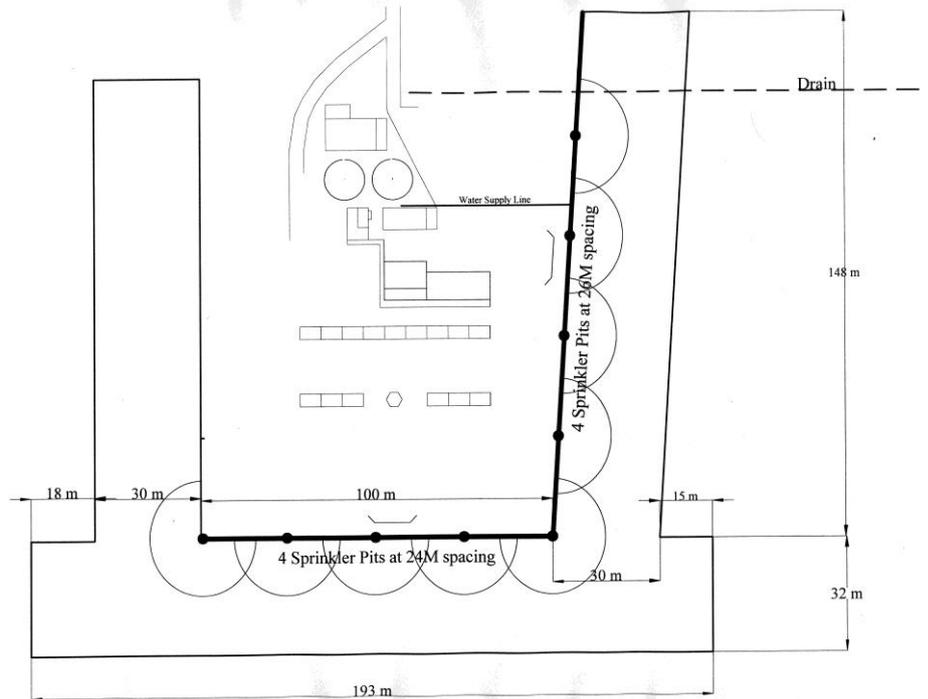
At the July Committee meeting a new field irrigation proposal, costed at \$5,000, was tabled. This was discussed and the committee they voted in favour of the proposal. It includes a system of new sprinkler locations, not in the middle of the field, which has caused problems with mowers in the past. The new location being down the side of the runways. At this stage only the East and Main runways will be done and on only one side of them due to budget constraints.

Work will start when the field is in a suitable condition and we are able to work on the site. It is hoped that this new design will lead to better grass and less cracking during the summer.

No doubt some will notice that the sprinkler have a reach of 15M and this is only about half way across the runways.

However, we know from experience that there will some drift of the spray and no doubt some of the other side of the runway will receive water.

Down the track if funding allows it will be easy to extend the system to the other sides of the runways. This can be done without digging up runway by running the pipe through the main drain at the north end of the east runway to the other side



Let's hope that the Virus situation improves so that we can get back to the field and start flying and improving our great field.

Ivan Chiselett

A Bit of History

Shade Shelters Circa 2002

From Ivan Chiselett, Secretary

Back in about 2000 Barb, my wife, gave me a small portable shade shelter to take to the flying field. She thought it would be great to get some shade for me and my models whilst at the field in the blazing heat of the summer. I took a good bit of friendly ribbing when I first unpacked and then assembled my "shade hut". It measured about 2m X 1.8m. I took up residence in my little shady retreat which was rather nice, the others sat out in the sun and were slowly cooking.

It was time for a fly so took my model out and had a fly. When I came back my shady retreat, which had coped a fair about of derogative comments, was full of guys sheltering from the sun. Comments like "hey this is good" were heard. Not long after that Paul turned up with one as well. Both Paul and I were always "chasing" shade seekers out of our shady havens. It was time to come up with a solution.

I sat down and came up with a design for the shade shelters that could be easily assembled and reasonable in cost. The design and costing were put to a club meeting and the proposal was agreed to. There was a little of "why do we need this we have been OK in the past" but the majority supported the concept.

Materials were ordered and only a couple of working bees were needed to construct the first shade structure. One of the club members had a contact that was able to get plenty of shade material "seconds" which saved us a good amount of money.

So the first row, closest to the Club rooms, was completed. The shade became so popular that we were getting complaints from those that turned up a bit late and were missing out on shade. Hence the additional structures were done adjacent to the "control tower".

All this happened in 2002.



Ivan on the Level, it was a long time since he used these "tools"



The First Frame Goes up – Paul S admires his handy work



More Frames Go Up – Looks like Paul S doing the heavy work.



More Progress – Looks like Dave Glossop directing



All Finished and pretty straight as well – What a Team.



This is the Life!

A MOST UNUSUAL MODEL

GRANATH “ WAGGLE WING “

Description by David Glossop

Some time ago, a man by the name of J.D.Granath, of Chicago USA, the inventor of the Automatic Variable Pitch Propeller, plus other important aviation devices, proposed a new type of airplane wing, (see photos of David's model)

Owing to the pull of gravity, and centrifugal force, the wings will automatically bank, or **Waggle** to the correct angle in turning

The cantilever wings are hinged on a central axis, and normal control by the pilot is maintained via ailerons

Building it

I just stewed it over for about 6 months and then just sort of started with the plans of an old knockabout plane I had, without the wings, then thought about the outrigger arrangement.

The first ones I made out of spruce like a bow-framed bridge/truss structure but realized the stresses on the connections to the fuselage would be too great (no I am not an engineer, no I did not do any wind tunnel testing) so I went down the aluminum tube route.

I got a local jobbing engineer to press (crush) the ends and center sections and then I bent them to shape.

The wings have a brass tube running through the center with an arm silver soldered in front to connect the cables to; and also a “vee” shaped arm silver soldered to the tube at the wing spar location to ensure the wing would not “slip” on the tube.

The wings have ailerons fitted complete with servos and leads, but they have been locked (pinned) in neutral as the first flight/s should be by rudder and with very modest wing “**waggle**”

The cables from the wing arms run into the fuselage to a reasonably strong servo to **Waggle** the wings simultaneously.

Some people have asked what happened to the starboard (right) wing covering and that it is all “patchy”. I tell them that it is neo-artistic license, but in fact it was a crook roll of covering but I didn't have any more green colour so I just left it as is.

I have no idea where the C of G should be so I went with the wing main spar. The “**wagging**” will be very limited as they hit the undercarriage legs at a modest angle (nothing scientific about this)

It is all ready to fly; it weighs 7lb 3oz without fuel, which gives a heavy wing loading of 27oz/square foot (apologies to all who have gone fully metric). I can only hope the OS 46 two stroke motor is up to the task.



David's model, showing the wings **waggled** one way, seems they are free to **waggle** at any angle controlled by gravity and flying conditions



Wings in neutral position, **Unwaggled**



Wings **Waggled** the other way



Side view, **Waggled**



Other side, **Waggled** + crap covering



Top view **Waggled** + crap covering

P&DARCS CALENDAR FOR 2020

September

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

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

October

03 (Sat) 1:00 pm - 2:30 pm [P&DARCS AGM & Coop AGM Via Zoom](#)

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

24 (Sat) [Spring Clean & Working Bee](#) Field Open: **No**

31 (Sat) - 01 (Sun) [Twi-Fly](#)

November

03 (Tue) [Melbourne Cup Aero Tow](#) Field Open: **No**

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

07 (Sat) 2:00 pm - 4:00 pm [Mini Working Bee for Rally](#) Field Open: **No**

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

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

December

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

06 (Sun) [VPA Pattern](#) Field Open: **No**

12 (Sat) [P&DARCS Christmas Dinner & Twi-Fly](#)

NOTE :

All events and works for 2020 have been cancelled in line with current Covid restrictions



**Club Meeting For September Via Zoom, see page 7
For Details**

P&DARCS Newsletter
Pakenham & District Aircraft Radio Control Society

If undelivered return to
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