



P&DARCS

Pakenham and District Aircraft Radio Control Society



P&DARCS NEWSLETTER JULY 2017



David Chivers A10 Warthog, on final approach to the main strip, cutting it fine over the Eastern Badlands

**Next Club meeting, Saturday 1st July
At the Burley Field, 1-00pm start**

BURLEY FIELD

Wenn Road Cardinia

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Editorial Submissions to:

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EDITOR'S BIT

You may have noticed our front gate sign has been repaired. It was destroyed by high winds in earlier in the year. The original contractors replaced the sign graphics, plus a marine ply backing, and re-cemented the rear stays.

Our insurance covered the cost, thanks to TTT Insurance.

So, the sign is now a lot more robust than the original, and should withstand any storm and tempest.

The next addition will be a nice native garden surround.



Our new sign in all it's glory

Frank McPherson Editor

WHAT'S ON At P&DARCS 2017

Look in the Club Calendar on page 12

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NOTICES

ILLEGAL SKIP BIN USE

Report from Paul Somerville

On Saturday 10TH June, whilst putting rubbish in the skip I found one car battery , 2 x 10 litre oil drums full of oil and a motor cycle tyre, which some irresponsible person had put in the skip

It's highly illegal to dispose any oil in the skip and dispose car battery in any skip, plus it's a major OH&S issue as those items are dangerous to have in the back of the rubbish truck.

I have seen a few rubbish trucks go up in flames over the years caused by irresponsible persons disposing the incorrect materials in skips.

This is a warning to our Members that the skip is not to be used for disposing of non club rubbish. I have taken the oil to work to dispose of correctly, I'll have to find out how to dispose of the motor cycle tyre.

New Shed Tours

Report from Your Committee

In light of the recent break – in and theft at our Club, the Committee advises that all members restrict tours of our New Shed and storage facilities to Members only

You must not provide tours of those facilities for casual visitors

New Tractor and Mower Fuel Storage Facility

Report from Ivan Chiselett

Our fuel storage facilities are located in the old shed

That location for storage of volatile fuels does not comply with current Health and safety regulations, and is in a difficult location for deliveries to be made

As this is a safety issue, the Committee has authorized construction of a compliant fuel storage facility

That facility will be located to the North West of the new shed

The facility comprises a concrete containment base, and ventilated shed

Construction work on this facility will commence as soon as possible

Current Drone / CASA regulations

Information provided by Bill Rendall

Sub 2kg can fly commercially without a licence but one needs to gain an ARN Aust Registration Number from CASA, a simple form based application - Hobby is exempt

Also a new No fly app is available here:

Check out this CASA map shows where flying Drones is permitted **Over PDARCS is permitted but you must be aware of low flying aircraft.**

<https://casa.dronecomplier.com/external>

You drag the Blue Drone symbol to a spot on the map and a pop up window explains that areas restriction

You can zoom in and out but may need to keep repositioning the Blue drone to keep it on the area you wanted

This is for all Drones from 100grams to 25KG

BUT Sub 2KG don't need a licence to fly even **commercially** see also...

<https://www.casa.gov.au/standard-page/commercial-unmanned-flight-remotely-piloted-aircraft-under-2kg>

PRESIDENT

Well, here we are at the end of another financial year. Remember, if you have not paid your club fee by July 1st, you are no longer insured, and you cannot fly!

As it is the end of the financial year, it might be appropriate to check on what we did with it. The club has had a fairly good twelve months. We celebrated the fiftieth anniversary of our foundation in August, and we erected a new roadside sign to mark the event.

We have lost a few old members by natural attrition, but we have gained some new members, with a consequent small increase in membership. Most of the new members are active and enthusiastic people, the type we like to welcome to our club.

We have hosted several events throughout the last year, including:
The Allstars event, featuring Robin Trumpp and other international flyers.
The Scratch-Built Scale event
The Monty Tyrrell event,
and we have hosted the VMAA trophy once, and won it twice in this period.

Field Supervisor Norm Morrish and several helpers have done a lot of work in creating a much improved drainage system and treating the runways. Treatment to kill the beetles has improved the grass, and the incidence of cracks in the runways is now a lot less than it was previously.

On the down side, we suffered some storm damage earlier in the year, which ripped some panels from the toilet building, and demolished our new roadside sign. The panels have been restored, and the sign re-erected securely. Further, we were burgled in March, with some minor damage to the clubhouse. Some club equipment was stolen, but it could have been worse. Some valuable goods were stolen from two caravans, which were temporarily located at the club. The incident was reported to local police, but no further response as yet.

I view the future with optimism. The demographics of the areas around the club have changed dramatically. There are hundreds of new homes within a few kilometres of the club, and many of them have young families. There is an opportunity for us to use some publicity to encourage and enlist new young members. We have the task ahead of us to ensure the survival and success of the club, in the coming year.

Happy landings.

Alan Coleman OAM President

SAFETY

No Report for this Month
Alan Foley Safety Officer

REGISTRAR

New Member Applications

- David Chivers, Cranbourne – Probationary
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.

Membership Renewals

Renewal forms were distributed in mid-June, so you should have received yours by now.

My apologies to all those Pensioner members who nearly choked on their corn flakes when they saw they were being charged a Full members fees!! The problem was my spreadsheet which generated Pensioner renewals based on what I told it to do – instead of what it was supposed to do. Bl**dy computers. Corrected forms were sent out within 48 hours.
And before you ask . . . NO you cannot become a Pensioner member as the Club closed this class of membership on 1 April 2010. Pensioner members at that date were allowed to retain this classification.

No membership statistics this month as the renewals are still pouring into the mail box. If you want a figure – 183 renewal forms were generated.

Insurance cut-off date

If you have not paid your membership fee then you are NOT INSURED AND CANNOT FLY.
Last year's cover finished on 30 June and you need to have paid your fees to be covered for this year.

Membership Cards

These will be dispatched once I have the membership renewals from the Treasurer after he has processed them. This can take 10 days so please be patient. It is no good asking me if I have received your renewal as these go to Peter first.

MAAA Qualifications

I have cross checked the qualification details on our club database against the MAAA database. You may have noticed the terminology for your qualification has changed slightly as I am using the MAAA format. My thanks to Paul Webber (VMAA Registrar) for his assistance in downloading the information from the national database.

There are a few anomalies where our records show qualification which do not appear on the MAAA database. I will resolve these with the members concerned so that we can ensure your records are correct.

Rob Till Registrar

WEBMASTER

No report for this Month
Daniel Jenkins Webmaster

FIELD MANAGER

No Report for this Month
Norm Morrish Field Manager

SECRETARY

General Meeting Held Saturday 4th June 2017 At Burley Field Cardinia.

Meeting Opened: 1300 Hrs

Members Present: 26

Apologies: F. McPherson. Bill Reynold for May meeting (wasn't noted last month)

Visitors: Nil

Minutes of previous Meeting: Motion that the minutes of meeting of the previous be accepted Moved M. Smith , Seconded D. Jenkins. Carried

Business Arising: Nil

Reports:

President:

- Nothing to report this month

Secretary:

- Request from Film Student to film our activities for a TAFE project . It may appear on CH31 at some future time I asked Alan Foley to assist which he did and the filming has been completed
- We received certificate of appreciation for the Sandown model train expo at which we manned a stand
- Received letter from APA re holding 2018 World Cup and APA Masters at our field.

Treasurer:

- The Treasurer provided report on finances. All operations are well within budget. His report was seconded by F Web and the motion to accept his report was carried
- The treasurer then presented a proposed budget for 2017-2018 club year. He proposed this be accepted and that our club fees remain unchanged. Motion was seconded by B Reynolds. Motion Carried.
- Treasurer also pointed out that the MAAA and VMAA fees remain unchanged this year .

Registrar:

- Renewals will be issued this week
- Reminder to all members to advise if their postal and/or email addresses have changed
- Warning after 30 JUNE 2017 if you haven't paid you are not insured and CANNOT fly.
- There are 3 ways to pay, EFT, Cheque or Pay Pal.
- If you pay your MAAA/VMAA fees via another club you need to provide the registrar with proof of payment.

Editor

- Absent

Social

- Moorabbin Museum Tour is on the 9th July 11am start. You need to register your interest on our website . Admission is discounted price of \$7 BBQ after tour.
- Mike Farnan has donated "Pilot" Trophy to club. Committee to decide how we will use it.

Safety

- Stair nosing installed to highlight edge of steps for safety reasons. Edge will now glow in the dark
- The Club Sign at end of drive that was damaged in storm has now been replaced.
- Reminded members that Heavy models **MUST** be certified. They **CANNOT** be test flown without a MAAA large model inspector supervising

You must always carry proof of the model's certification.

No Proof no fly

Webmaster

- Has replaced the power supply for shed security system

Field

- Norm has done further soil test and will treat soil as advised once results are available.
- Will organise a working bee to spread soil on runways

Facilities

- New gauge for water tank purchased and installed.
- Ivan has purchased Signs showing when model Airfield is. Council were not reinstalling so we have now purchased our own. They will be installed at either end of Wenn Road

General Business

- Peter Harrison noted that an autonomous drone overflew the field on a couple of occasions.
- Peter Harris reminded everyone they we don't have hired help so please clean up your own mess, Clean your cups and put them back in the cupboard. Clean down the table if you mess it up and put your magazines or books back in the bookshelf when you have finished reading them. The same applies around the field leave no mess and bring your chair back in to club room when you go home .
- Mark Smith asked the committee to check the certification of MAAA inspectors within the club as they lapse every 3 years. Registrar has this in hand.
- Letter from APA re holding World Cup at field 9th -12th March 2018. This was discussed and a motion was put that: We allow this event and close the field for the 4 days 9th -12th March. Proposed S. Green seconded B. Reynolds. Motion carried
- A proviso was made that the committee discuss a daily fee for field use.
- Angelo Favalro asked if the safety barrier on westerly strip could be moved more North. P. Somerville advised that we were actually already looking to do this with the eastern strip so we will look at the western strip as well.

Meeting Closed 1356 hrs

NEXT CLUB MEETING: Saturday 1th July 2017

David Walsh Secretary

SCRATCH BUILT AND SCALE RALLY

Information from Ivan Chiselett

Following the success of the 2016 Scale Rally we are doing it again. We are expecting a bigger attendance this year as there was lots of positive feedback from those that attended. We have also started a small add campaign for public participation. Mark it in your diary now as it will be a great weekend with lots of great aircraft attending.

Why not get out one or more of your "hand built" scale models and come along and be part of the weekend. It does not have to be spectacular, just hand made from a kit or scratch. If you only have a project on the go, please bring it. The weekend is all about celebrating building models a sort of show and tell. If you do not have an aircraft that qualifies just come and have a look at the models that will be there. There is also a Diorama section which will be interesting to see as well. Please tell your friends about the weekend, we have a Public Display Permits so the public is OK to attend and enjoy looking at great models.

It is only \$5-00 per car. No additional registration fee, just the \$5-00 is all it costs. All profits go back to our great club. Please get behind the rally and come and enjoy the weekend and tell your friends about it.

See the club website www.pdarcs.com.au/scalerrally for details and entry forms.

Scale Rally Sponsor Product Review Proxxon Saw Bench from www.mytoolstore.com.au

Review By Ivan Chiselett

Those that attended the P&DARCS Scale Rally would have noticed that one of the major prizes was a Proxxon Saw Bench generously donated by My Tool Store, www.mytoolstore.com.au in Queensland. They also sell a huge range of neat modeling tools.

Using the old razor stripper for cutting balsa for planking models, or just cutting 6mm X 6mm square, the cuts invariably run off and tended to follow the grain of the wood. Extremely annoying, not to mention the amount of wood wasted due to it then not being suitable for what you had intended.

When I was building my Zirolu B-25, 101" span, the fuselage required a lot of 2.5mm X 12mm planks. I initially tried the razor stripper and become extremely frustrated by the old balsa stripper running off and following the grain.

I had heard of the Proxxon range of tools and in particularly the small saw benches. I jumped onto the internet and found My Tool Store, www.mytoolstore.com.au, a company in Qld. I had used them earlier as they were the only ones where I could get spares for my Dremel Tools.



Scale Rally Sponsor Product Review

Proxxon Saw Bench from www.mytoolstore.com.au

Review By Ivan Chiselett

They had 2 different models of Proxxon Saw Benches. The Proxxon Bench Circular Saw KS 230 #27006 and the much more fancier, and expensive, Proxxon Table Saw FET 240V. For the uses I intended, mainly stripping balsa sheets and cut square sections I went for the Bench Circular Saw KS230 #27006, cost was \$235, not cheap but it has saved me heaps of expensive balsa, and high blood pressure.

I placed an order on the internet and shortly after the saw was delivered. My balsa stripping problems just disappeared. What a super little saw. It runs very quite with no vibration and importantly, cuts fantastic

It comes with an 85W motor and can cut wood up to 8mm thick, plastics to 3mm and non ferrous metals up to 1.5mm thick. It has a sturdy plastic casing with a 58mm diam blade running on ball bearings and is belt driven at about 5,000rpm. You can buy many types of blades for cutting other material.

The base is 240 X 180 X 80mm and has a mass of 1.8kgs. It has an adjustable cutting fence, and angle cutting guide and a safety guard on the blade. It also has a rubber connection for a vacuum cleaner to remove the fine dust that it produces.

The blade that I am using, is the one that came with the machine, an 80 tooth, extremely thin and sharp. I have done literally hundreds of metres of cuts. I used it to cut all the 2.5mm planking sheets for my B-25 and also for the big B-36 that Andrew Smallridge and I are building. Just the fus of the B-36 took about 40 sheets of 2.5mm X 100mm X 1200mm balsa sheets cut into 13mm strips. That is about 350M of cutting just for the B-36 and it is still going fine on the original blade. I also use it when cutting plywood as the cut is extremely fine and leave a very smooth edge.

As I noted earlier, I bought mine via the internet from **My Tool Store** in Queensland who was a major sponsor of our club's Scale Rally. They donated the Proxxon Saw Bench as one of the major prizes. To say that the recipient of the saw David Anderson, first in the Diorama, was please would be an understatement. I am sure David will soon be singing the praises the Proxxon Saw very soon.

I can thoroughly recommend the Proxxon Saw bench and would strongly suggest that you jump onto www.mytoolstore.com.au and check out the saw bench and the huge range of great tools that they have in stock.

Please support our sponsors, they support us. Please tell them that you were made aware of them at the P&DARCS Scale Rally that they sponsored.

FOR SALE

* Boomerang Trainer with all servos, O.S 46 AX
J.R 2.4Ghz receiver, \$ 200-

* Training Buddy Box package
Transmitter J.R TSX9 + book, \$ 150-
Transmitter Spectrum DX5e trainer buddy box
\$ 50-
J.R case included to hold both transmitters

Contact Hans on 5996 5745 - 0406 0338

At Our Flying Field

A GAGGLE OF AUTOGYROS



A group of Gyros' ?, from Alan Foley, Chris Warren, and Andrew Mysliborski



Chris Warren, Alan Foley and Andrew Smallridge admiring Peter Harris's nice biplane



Ashley Morrow with his big heli' on the western flying strip



Steve Malcman with his Scale Model



Noel Whitehead's Scale Model

At Our Flying Field

WATER ROCKET FAILURE

The water rocket team at P&DARCS

Flight engineering team; Alan Foley, Andrew Mysliborski, Daniel Jenkins, and Chris Warren
Rocketeer; Frank McPherson

The team have been experimenting with a simulation of the Space Shuttle Launch, with a foam Sonic " model piggy backed onto one of the water rockets

The experimenting initially progressed well, over a number of launches, working on stopping the rocket flight curving in the direction of the "Sonic " model

Rick (rockets) Talman, advising the Team via a phone' link, suggested increasing the thrust in the rocket, so we decided to increase the pressure from our normal 200PSI, to 220 PSI !

We then discovered the pressure limit of the water rocket, somewhere around 215 PSI. The following photos show the catastrophic result

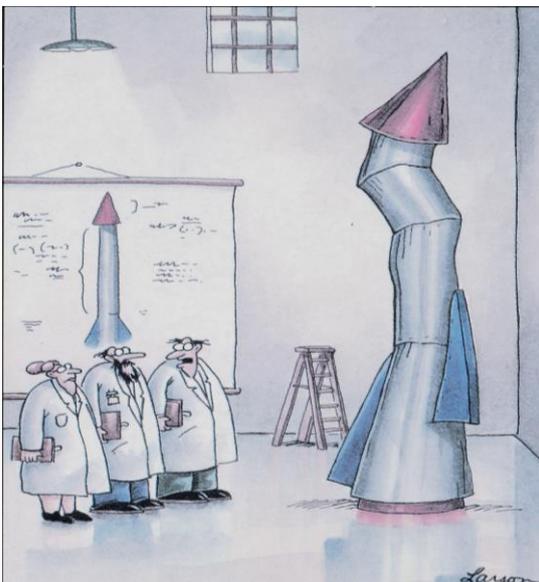
The experimenting is scheduled to continue, Frank Mack has backup rockets, including reinforcing of the coupling that failed, and Alan Foley is sourcing another Sonic model, **watch this space**



On the launch pad, with the " Sonic " piggy back model ready to go



Failure of the coupling between container 1 and container 2, the white fog is the 2 liters of water in container 1 vaporized, the launch rail was set at that angle



It's time we faced reality my friends, we are not exactly Rocket Scientists



Bits and pieces, the top half of the rocket was blasted into the air, with the remains of the Sonic model still attached, the parachute actually deployed, but there was nothing to save

P&DARCS CALENDAR FOR 2017

July

- 01 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 09 (Sun) 11:00 am - 2:00 pm [Tour Moorabbin Australian National Aviation Museum](#)
- 20 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

August

- 06 (Sun) 1:00 pm - 2:30 pm [Club Meeting & AGM](#)
- 24 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

September

- 02 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 21 (Thu) 8:00 pm - 10:30 pm [Committee Meeting](#)

October

- 01 (Sun) 1:00 pm - 2:30 pm [Club Meeting & Coop AGM](#)
- 19 (Thu) 8:00 pm - 10:30 pm [Committee Meeting](#)
- 28 (Sat) [Twi-Fly](#)
- 28 (Sat) [Spring Cleaning Working Bee](#)

November

- 04 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 07 (Tue) [Melbourne Cup Aero Tow](#) Field Open: Partial
- 11 (Sat) - 12 (Sun) [P&DARCS Scratch / Kit Built Scale Rally](#) Field Open: **No**
- 19 (Sun) [Multiplex Fun Fly](#) Field Open: Partial
- 23 (Thu) 8:00 pm - 10:30 pm [Committee Meeting](#)

December

- 02 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 03 (Sun) [VPA Pattern](#) Field Open: No
- 09 (Sat) [P&DARCS Christmas Dinner](#)

March 2018

- 09 (Fri) - 12 (Mon) [APA World Cup \(Provisional\)](#) Field Open: **No**

April 2018

- 08 (Sun) [Monty Tyrrell Scale Rally 2018](#) Field Open: **No**
- 21 (Sat) - 22 (Sun) [VMAA Trophy](#) Field Open: **No**

P&DARCS Calendar can now be viewed online at www.pdarcs.com.au/calendar



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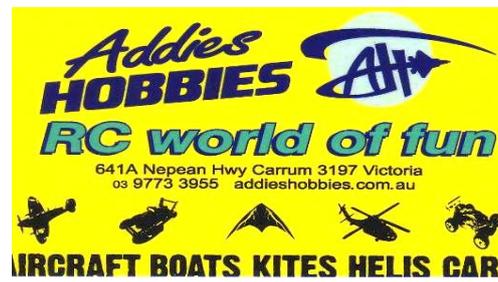
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**Next Club Meeting, Saturday 1st July
 At the Burley Field, 1-00 pm start**

P&DARCS Newsletter

Pakenham & District Aircraft Radio Control Society

If undelivered return to
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 Po Box 131
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