

P&DARCS NEWSLETTER OCTOBER 2016



Tom Bloodworth with two of his **scratch built** models, F3A Fantasista, and Miss America, modified for electric power

Norm Morrish

Next Club Meeting, and Coop AGM, Saturday 1st October at the Burley Field, 1-00 pm start

SEE IMPORTANT NOTICE PAGE 3

BURLEY FIELD

Wenn Road Cardinia

www.pdarcs.com.au

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Editor's Bit

Water Rockets

A couple of years ago, I had a thought about making a Water Rocket, sounded like an interesting project that would keep me busy, and maybe I could use it with lights on a Twi-Fly nite, and also another flying thing for the Scouts + School kids to be involved with, (plus the big Kids at our Club)

There is a lot of information on the Internet about Water Rockets, and there are lots of Clubs and Associations World Wide

Basically, a Water Rocket is a lightweight container that is pressurised with compressed air, that container also has a small amount of water included, (about 30% of the total volume) the container is restrained into a pressure fitting, with the water sitting in the bottom of the container

The water has 480 times the density of air, when the pressure fitting is released, the pressurised water provides a high initial thrust, so the rocket gets up to speed rapidly, allowing the rear fins to have authority, guiding the rocket (hopefully straight up)

The remaining air flow assists the rocket to climb, a recovery system releases a parachute when the rocket slows and starts falling

Two years later, 50 2L bottles, and after much gnashing of teeth, the first launch was carried out on Monday morning 12th September

See two photos on page 9

Werner Von Braun once said "you have to make 47,000 Mistakes to become a rocket scientist " I can't even spell it



Frank McPherson Editor

WHAT'S ON

At P&DARCS 2016

Look in the Club Calendar on page 10

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IMPORTANT NOTICE

VMAA TROPHY

The VMAA Trophy event is just around the corner. It will be held on the weekend of 8-9th October, and the field will be closed for the two days of inter club competitions. A new charity group has been organized to provide the catering over the weekend.

We usually enter a very strong team and this year will be no different. At recent Trophy events we have lead the field only to pushed off the podium by additional points being awarded to junior entrants from other clubs. As usual we will be entering a full team of competitors.

We are still looking for additional helpers and time keepers to assist over the weekend. All our club stop-watches have been given a new lease of life with replacement batteries. If you can't push the buttons on a stop watch you can join our cheer squad lead by David Glossop, pom poms and the works. Apparently green leotards are the go!!

Although not completely confirmed our team is likely to consist of :

Team Captain Peter Harris Helicopter Events Paul Webber Thermal Glider Steve Malcolm Electric Glider Peter Timms Scale Aerobatics Cliff McIver Combat **Chris Caulcutt** Sports Scale Rolly Gaumann Peter Harris Musical Landings Pal Somerville Limbo Old Timer Duration Ian Robinson

If there are other members of the club who would like to participate or help or have a trainer type model they no longer want and are prepared to donated it to the club to be flown in one of the crash and burn events, please contact Peter Harris.

Team Captain Peter Harris 0425 857 152

FROM THE DARK SIDE



IMPORTANT NOTICES

Report from Alan Foley Our Safety Officer

LOW FLYING AIRCRAFT

To bring you all up to date the Committee has progressed this problem with CASA. I had a long talk to Tim Penney who is the Aviation Safety Advisor to CASA and he was very interested in pursuing this issue through his safety seminars.

He invited me to attend and address the AvSafety Seminar at Moorabbin last month which had an attendance of about 70 pilots and instructors. Virtually no-one was aware that P&DARCS field is within their training area despite it being on the aviation maps. When I asked why the common thread was that they start their decent for engine out manoeuvres 5 nautical miles away so from that distance we are just a paddock. By the time they are over us it is too late to abort.

Attending also was the head of safety at CASA from Canberra and he acknowledged that this is a serious problem. He suggested it would be appropriate to publish our location in ERSA which is an aviation supplement and would look at incorporating model flying field issues in future seminars.

I took along some pictures of large scale models and a movie of footage over our area. All in all it was a tremendous success with lots of feedback and questions from instructors and understanding of our issues. They had not realized for example that we cannot see or hear them until they power up.

Another suggestion was equipping the field with a high power strobe light; these are evidently a universal 'danger – stay away' indicator for pilots.

The Committee will look into obtaining further advice re-the installation of an 'Avlight' Interestingly, on my visits to the field I have not seen any low flying aircraft over our field since the seminar. Hopefully that's no co-incidence.

Finally, I have been asked to present to another AvSafety Seminar at Tyabb in October.

REGISTRAR POSITION VACANCY

Committee member Paul Webber has found that because of heavy commitments with VMAA, he can no longer serve as Registrar for P&DARCS.

We thank Paul for his work over recent years, and as required by our constitution, we now advertise the position as vacant.

If you feel that you might fill the bill, please complete a nomination form http://www.pdarcs.com.au/nomination & send it to our Secretary David Walsh secretary @pdarcs.com.au no later than September 30th.

PRESIDENT

Last month we celebrated the fiftieth anniversary of our club with a dinner at the Dandenong Club.

We had a good attendance of Around fifty people, including wives and friends. Peter Harris provided an excellent PowerPoint presentation, showing lots of photographs dating back to the early



days of the club, with some shots of early construction. Peter also entertained with his electronic piano.

Everyone I spoke to said that they enjoyed the evening. Good food and good company. If you didn't make it, you missed a good time. Many thanks to all who worked hard to make the evening a success, especially Bill Reynolds, Daniel Jenkins and Peter Harris.

You will notice an advertisement in this month's newsletter for a new Registrar. Paul Webber has found that mounting commitments as VMAA Registrar does not leave him time to continue as P&DARCS Registrar. Our Constitution requires that the members must elect the Registrar, not the committee, so if you feel that you could do the work, please nominate.

Safe flying and Happy Landings.

Alan Coleman, President

SECRETARY

General Meeting Held Saturday 3rd September 2016 At Burley Field Cardinia.



Meeting Opened: 1300 Hrs Members Present: 20

Apologies: Mark, Smith, Wal Schubach, Fred Webb, Derek

Trusler, Paul Webber

Minutes of previous Meeting:

Motion that the minutes of meeting of the 3rd July 2016 be accepted Moved Bill Reynolds seconded D Glossop

Business Arising: Nil

Reports: President:

 Wednesday's 50th Anniversary Function was enjoyed by all that attended. Big thanks to bill Reynolds, Daniel Jenkins for organising and to Peter Harris for the power point presentation and being the Keyboard Maestro

Secretary:

- Correspondence in:
 - o Response re Dots Day, Brian Green
 - Membership suggestions , Brian Green passed on to Membership sub committee
 - David Glossop with Query re Voluntary workers cover
 - Letter from Des Baylis VARM re does anyone have photo of the Futaba Trophy.
- Correspondence Out
 - Response to acknowledge Emails from B Green
 - Sponsorship letter re Scratch Build Day
 - Response to D Glossop re Voluntary Workers

 Secretary also explained the Voluntary workers cover to the meeting and noted that there is brochure on the notice board with details of the MAAA insurance cover.

Treasurer:

- Finances are good.
- MAAA loan interest paid
- 50th Function income was enough to cover the event
- Our term deposits will be reinvested

Registrar:

- 139 current members
- Letters sent to financial members chasing the return of their club keys.
- Non- renewing and ex Members have not been returning club keys. If members have contact with these people please grab their key or encourage them to return it.

Safety:

- Alan spoke to a meeting run by CASA at Moorabbin and was very enlightened by the response form pilots re flying over our field. A strobe light was suggested as a warning that our field is a dangerous spot to fly over. This is quite costly though so we will have to look into this.
- Alan has been invited to next month's meeting at Tyabb to speak to a different group of pilots. He will also put some info together for CASA to present at other meetings during the year

Webmaster

- Peters power point presentation from the 50th Anniversary dinner to be available on the web soon
- Short video of DDARCs field at police paddock to be put on website.

Social

 Looking into a visit to Tyabb for interested Members please contact Don White if this would interest you.

General Business

 VMAA Trophy. We now have a full team but would appreciate some volunteers to help on the days Please contact Peter Harris (Treasurer)

We have been approached by a group of Drone Racers to demo at our field. After some discussion the follow motion was proposed

Motion:

We invite the Drone club to demonstrate at or field with view to possibly allowing event here in the future. Proposed Bill Reynolds Seconded Frank Mc Pherson. Carried

 Andrew Smallridge spoke on the upcoming Scratch Build Day and mover a motion that we change per car to offset the cost of trophies etc.

Motion

- That a fee of \$5 per car per day be charged for entry to the Scratch Build Scale event on the 5th and 6th November 2016. Proposed Andrew Smallridge seconded D Glossop.
- Motion Carried

Meeting Closed 1350 hrs

NEXT CLUB MEETING Saturday 1st October 2016

David Walsh, Secretary

FIELD MANAGER



Field Managers Report - August 2016.

By Norm Morrish

After much research I have found a great product to spray our runways and pits with to kill off the Black African Beetle. I discovered an excellent article by Jon Lamb, published by Paul Munns Instant Lawns in Adelaide, Jon states " At last a simple and much safer solution for controlling black lawn beetles." It is best to " spray the lawn with a relatively new but very low toxic systemic chemical containing imidacloprid." "When it is mixed and ready to spray, it has a very low toxicity to humans and animals. It is absorbed by the lawn grass roots and kills all root eating grubs. It has no effect on other beneficial insects in the soil. It remains active in the soil for 3 months." This will certainly cover the period of Larvae and grubs period, to kill them off before changing into beetles. Jon concludes by saying " In essence, one well timed application in Spring is all that is needed to decimate the population."

There are a variety of beetle sprays but not many are absorbed into the roots. I originally spoke to Anco Instant Turf and they use a Nuturf product called Acelpryn which costs \$425 for 750ml. Nuturfs rep said we are better to use their Tempo Xtra. \$300 for 5Litre. I checked both products and the Tempo Xtra does contain 50g/L of Imidacloprid so we can use this as an alternative supply. Elders in Pakenham recommended 2 cheaper products, but neither contained Imidacloprid. After further research I found a Sure Fire liquid product called "Spectrum 200SC" which contains 200g/L of Imidacloprid. Four times stronger than Tempo Xtra and only \$196 for 5Litres and is available from Pakenham Produce.

Application rate is 2.5 Litre /Ha, mixed in 400L of water which is our spray tank capacity.

Perfect. I bought two 5 litre containers and Daniel sprayed it on Monday 12th Sept, just before 3 days of heavy rain. We spotted the first black beetles one week earlier. To make sure we kill them we will spray again late October, using the second 5Litres. Thank you Daniel for spending another 4 hours spraying. Only time will tell if we keep our lush grass for the summer period with no cracking.

Thanks again to Daniel and Rob Addison for spreading 30 cubic metres of the screened soil, delivered to us courtesy of the MAAA grant, to level off some low areas on the runways. As can be seen by the photo of the delivery truck, Rob and Daniel are ready to start spreading with their machines.

Norm Morrish Field Manager



Soil delivery 9th September in the background, Rob Addison with his Excavator and Daniel Jenkins on our front end loader ready to start work spreading the soil

WEBMASTER

As you know members have asked if we can increase the number of webcams to provide more coverage. In order to achieve this we



would first have to increase our internet bandwidth, which I have been looking into.

At present we have ADSL1 at the club.

As reported previously, I looked into upgrading to ADSL2, but we are too far from the exchange for that to work. So I've been looking at NBN options. A friend of mine has recently had NBN satellite installed & the results are fantastic with 25Megabytes per second (Mps). We get 1Mps at P&DARCS. So I've been investigating satellite as an option.

Unfortunately I am losing this battle as well. According to NBN, P&DARCS is in a growth corridor that will eventually be serviced by NBN cable. Of course you know where the club is, so this is horse sh1t, but due to this plan that will never happen, we cannot get NBN satellite in an area that is planned to get cable NBN. I have raised a complaint pointing out we are in the middle of nowhere & cable won't get to us, but they won't listen. So for the time being until this NBN plan is re-assessed we cannot get any better internet bandwidth at the club. So the status quo remains.

Daniel Jenkins Webmaster

Registrars Report - September 2016

Membership Renewals

After the letters went out to get the key back, we have had a few more members renew

RESIGNATION FROM REGISTRAR POSITION

Even though I accepted this role at the last AGM, I find that my situation has changed and I cannot give the positon the time that this role deserves. So as of this newsletter, I am letting everyone know that I have resigned from the Register Role effective from now. After seven years of doing the role, it is time for me to have a break, do more flying, and give someone else the opportunity to take on this important role of the Club.

If you know of a member that would like to contribute to this important role, then please submit a nomination form to the Committee.

Membership to date

	Paid 2016-17	Unpaid	New 16-17
Associate	6	0	0
Full	93	9	0
Junior	1	1	0
Life	3		
Non-flying Full	0	0	0
Pensioner	26	1	0
Probationary	11	3	2
Student	0	1	0
Spouse	1	0	0
Honorary Member		1	0
Probationary - Associate	0]	
Probationary - Full	3		
Associate - Full	0]	
Re Joined - Full	1]	
Re Joined - Probationary	0		
Total Re Joined	1]	
Passed Away	0]	
Resigned		0	
Lapsed		14	
Sub Total	141	14	2

These figures only include forms processed by the Registrar

New Member Application

No new member applications this month

Re Joined Member Application

No re-joined members this month

Happy flying. Cheers,

Paul Webber

Ex Registrar

Phone 0417 558 779

Email: Registrar@pdarcs.com.au

Point of View

One man's thoughts on our clubs future

By David Walsh Secretary

Looking around the room at our last club meeting highlighted my concerns for the future of our club. What I saw was a sea of mature faces. 80 % of the members present would be over 65 some quite a bit over. Only 4 members were under 65.

It really brought home to me the fact that we have a rapidly ageing membership.

The stats speak for themselves. Out of 135 members (as at sept 2015)

Over 65, 68 members

45-65, 52 members

25-45 13 members

Under 25 2 member

As you can see more than half our membership is over 65. This means that within the next ten years a large percentage of them will either resign or cease to be active I the club.

Membership recruiting and special membership offers are attracting a few new members but nothing startling. The Co-op currently have around 28 shares for sale from ex-members.

So what is the future of the club?

A good question don't you think. We need to start planning our future now otherwise 10 years from now we may have only 70 members or less left to pay all the bills so fees will need to be much, much higher.

Well your committee has put a Membership sub Committee in place and asked me to chair it. I am keeping the subcommittee relatively small so that we can actually make some progress on this issue however I would like to hear the thoughts on the club. If you speak up at a meeting there will always be someone to who doesn't agree to shout you down so I would welcome your constructive thoughts by email. And all will be considered by the subcommittee.

This won't be a 2 meeting quick fix committee as we need to seriously consider all of the options to protect the future of the club. If you have some constructive thoughts on why we can't keep or attract new members or how you see the club being structured. Please email

memberreview@pdarcs.com.au

AT OUR FLYING FIELD

Some pictures of people and models



Norm Morrish and Roger Carrigg with vintage F3A models





Our Ernie, and Bill Rendell, startin' her up







AT OUR FLYING FIELD

Some pictures of people and models



Ivan Chiselet's B29 commencing test assembly, Two Andrews assisting, Smallridge, and Mysliborski



Test assembly progressing well with extra assistance from Wally Schubach, and Daryl Slade



It all fits well, the B29 now needs much finishing work





Frank McPherson's water rocket maiden launch on a wet and cloudy Monday, the wind got it, and it ended up on top of our large water tank, oops



The recovery system worked well, Later, the chute got saturated with rain water, it got chucked out o.k but it didn't open

MITCHELL FIXED WING AERO CLUB Inc Invite you to our

BIPE & BUSH PLANE DAY

TO BE HELD ON SUNDAY FEBUARY 12TH 2017 10am start

Food and drinks will be on sale

Contact: Barry Dunn. 03 5792 1017.

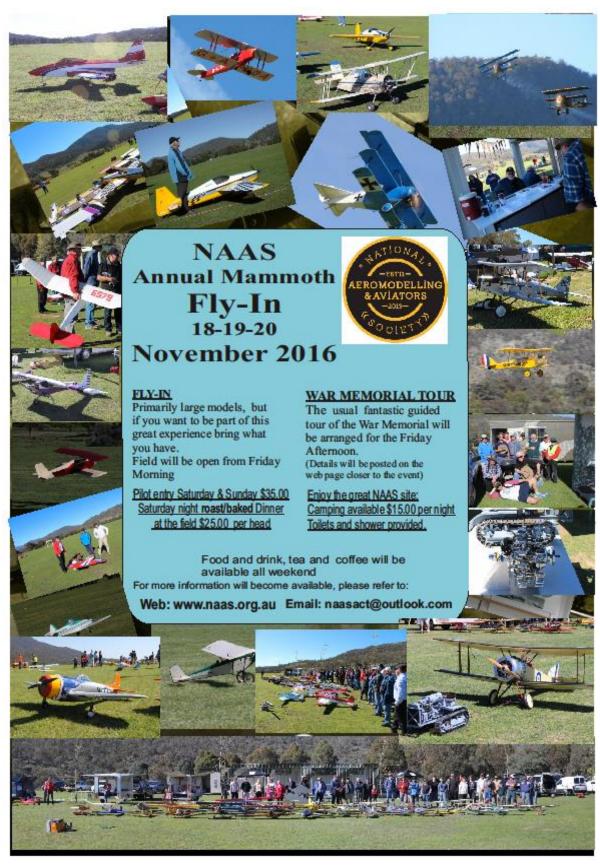
Mob: 0401 359 918

clearpropdude@gmail.com

Our field is located at 470 Seymour Toobarac Road Hilldene Vic (between Seymour and Puckapunyal) Map on our Website

www.mfwac.com

MODEL PLANE FLYING AT IT'S BEST



Note: WAR MEMORIAL TOUR

There will be a tour of the War Memorial Storage area. This area is not normally accessible, and it is a great opportunity to see this facility and the very interesting items stored there



Round 3, RCM News F1 Air Race Championship F1 & F2, Red Bull, AT6 Texan, Reno, Golden Era

Sat. Night Dinner, Local Accommodation, On Field Camping.
Info: www.naas.org.au F1 Racing: rcmnewssjg.wix.com/rcm-news-f1-air-race
Australian Large Scale Pylon Racing: www.facebook.com/groups/LSRCA/
Contact: Jeremy Randle airracecanberra@gmail.com 0418 390 446







The Australian F5J Trophy



Establishing a perpeptual F5J trophy in Australia. First event to be held at the NAAS field near Canberra

Presented by the AEFA in conjunction with the NAAS Club

Two days of flying 29-30 October 2016 Two classes - Open F5J and Limited F5J



Dave's Toys for Big Boys Open F5J Trophy

First prize: Hyperion Duo Charger www.hyperionaustralia.com.au



Model Flight Limited F5J Trophy

First prize: Spektrum DX8 Radio Set www.modelflight.com.au



Other Sponsors:

Monaro Hobbies Christian Traders flyelectric.com Albury RC Models XC-RC, Melbourne Sky Soaring Robots Stan Rucinski Alan Mayhew

AEFA

www.coltaylormodels.com.au www.christiantraders.com.au www.flyelectric.com www.alburyrcmodels.com.au www.xc-rc.com.au www.skyrob.com www.naas.org.au http://varms.org.au

www.aefanet.com

Product types distributed to Participants:

Electric Motors
LiPo Batteries
Battery Checkers
Glider kits
Servos
Servo leads
Spinners

Fibreglass cloth
Aliphatic Resin
Super glue
Epoxy Resin
Folding prop blades
Servo cable
Speed Controllers

Pre-registration required - Entries close 22 October - see the AEFA web site for a registration form:

www.aefanet.com

Prizes for placegetters - and a give-away of products by draw from the hat for all competitors - \$50 entry fee

Complimentary tour of Australian War Memorial storage facility for attendees Friday 28 - details on web site & in EGFA magazine

Data loggers available for loan - just bring your electric glider. Food available on the field.

Enjoy the great NAAS site - camping permitted \$15 per night - toilets and shower provided.



P&DARCS



Pakenham and District Aircraft Radio Control Society

& Diorama Competition. November 5 & 6 2016



Mario Scerri getting his big Tiger Moth ready for the big weekend. Latest News;

The event has secured quite a few sponsors who have supplied excellent prizes that will be awarded by lucky draw. See the web site for a list of sponsors.

Excellent Trophies to be award for pilots choice.

All VMAA Affiliated entrants will be given a voucher which will entitle them to join the VMAA DVD Library free. This is a saving of \$10-00.

P&DARCS have extended their Eastern North/South runway to about 150M long to compliment the 180M East/West one.

On line entry is now available on www.pdarcs.com.au/scalerally

- Flying open to kit and scratch built models only no ARFs.
- Large models will have solo flying spots if requested.
- Prizes for; Pilots Choice, President's Encouragement Award and Diorama, and lucky draw prizes throughout Rally.
- Bring along your model or come and/or admire some great aircraft.
- No documentation required just fly and have fun.
- All sizes of scale aircraft and projects welcome.
- See web site, www.pdarcs.com.au/scalerally, for more information and entry forms.

\$5 per car entry fee for pilots and spectators

P&DARCS Scale Rally Helpers Needed.

To make sure the day goes well and promotes our Club we need helpers. If you can give us an hour or more please contact Ivan on 9898 4379 or chiseli@optusnet.com.au. Please note what day or days you are available to help and how many hours you are willing to give.

We need people for manning the gate, giving parking directions, general helpers, flight line helpers etc. There is no physical work involved.

Please note that all those rostered on as helpers will be given free passes into the event.

We really need our members to get behind this event and try to make it big and successful. We believe it has the potential to be a big event on the modeling calendar. We really need your help, it will be a good day with some really great models to see

Ivan Chiselett

Old Aeroplane Company

Cargo & Freight Company Tyabb



Don White Contacted the "Old Aeroplane Company" at Tyabb to enquire about organising a Club visit possibly at the end of this year

Don will require number of members who wish to be on the visit, plus date and day, have a think about it

Don White Social Sec.

P&DARCS CALENDAR FOR 2016

Date	Day	Confirmed?	Location	Details Commer
ugust				
h	Sat	Yes	Burley Field	Club Meeting & AGM
3 th	Thu	Yes	Burley Field	Committee Meeting
L st		Yes		50 th Anniversary of 1 st Meeting P&DARCS
eptemb	er			
d	Sat	Yes	Burley Field	Club Meeting
2 nd	Thu	Yes	Burley Field	Committee Meeting
ctober				
t	Sat	Yes	Burley Field	Club Meeting & Co-Op AGM
9 th	Sat-Sun	Yes	Burley Field	VMAA Trophy hosted by P&DARCS Field closed
) th	Thu	Yes	Burley Field	Committee Meeting
) th	Sat	Yes	Burley Field	Club Meeting
) th	Sat	Yes	Burley Field	Bi-Monthly Twi-Fly
ovemb	er			,
t	Tue	Yes	Burley Field	Melbourne Cup Aero Tow
6 th	Sat-Sun	Yes	Burley Field	P&DARCS Scratch Built Scale Field closed
7 th	Thu	Yes	Burley Field	Committee Meeting
ecembe	er		, , , , , , , , , , , , , , , , , , , ,	•
d	Sat	Yes	Burley Field	Spring Cleaning of P&DARCS
d	Sat	Yes	Burley Field	Club Meeting
h	Sun	Yes	Burley Field	VPA Pattern
) th	Sat	Yes	Burley Field	Annual Dinner & Twi-Fly



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

P&DARCS Newsletter

Pakenham & District Aircraft Radio Control Society

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