

# P&DARCS

Pakenham & District Aircraft Radio Control Society

## THE NEWS DECEMBER 2013



Roly Gauman's Piaggio P-149D by Graupner, on final approach  
W'span 88", 7.5Kg, 20cc petrol motor

 Andrew Mysliborski

### Annual Twi-fly & Christmas Dinner



This year the P&DARCS Twi-Fly & Christmas Dinner will be held on the 11<sup>th</sup> December  
**BOOK NOW**, For all the details, look at the Social Director's report on page 4

**Next Club Meeting, Saturday December 7<sup>th</sup> at the  
Burley Field, 1-00 pm start**

## BURLEY FIELD

Wenn Road Cardinia

[www.pdarcs.com.au](http://www.pdarcs.com.au)

P.O.Box 131, MDC  
Cranbourne 3977  
Field Telephone Number :  
(03)-59 98 8431

### President

William ( Bill ) Reynolds 9704 8393  
[president@pdarcs.com.au](mailto:president@pdarcs.com.au)

### Vice President / VMAA Rep'

Ivan Chiselett 9898 4379  
[vicepresident@pdarcs.com.au](mailto:vicepresident@pdarcs.com.au)

### Secretary

Don White 9560 2726  
[secretary@pdarcs.com.au](mailto:secretary@pdarcs.com.au)

### Treasurer

Peter Harris 0425 857 152  
[treasurer@pdarcs.com.au](mailto:treasurer@pdarcs.com.au)

### Registrar

Paul Webber 0417 558 779  
[registrar@pdarcs.com.au](mailto:registrar@pdarcs.com.au)

### Contest Director

Vacant

### Team Captain

Steve Malcman 9884 0614  
[teamcaptain@pdarcs.com.au](mailto:teamcaptain@pdarcs.com.au)

### Facilities Manager

Paul Somerville 0417 539056

### Buildings Manager

David Glossop 8588 1549  
[buildings@pdarcs.com.au](mailto:buildings@pdarcs.com.au)

### Field Manager

Norm Morrish 0418 586 406  
[fieldmanager@pdarcs.com.au](mailto:fieldmanager@pdarcs.com.au)

### Editor

Frank McPherson 8787 7454  
[editor@pdarcs.com.au](mailto:editor@pdarcs.com.au)

### Webmaster

Daniel Jenkins  
[webmaster@pdarcs.com.au](mailto:webmaster@pdarcs.com.au)

### Social Director

Daniel Jenkins 5902 2987  
[social@pdarcs.com.au](mailto:social@pdarcs.com.au)

### Safety Officer

Alan Foley  
[safety@pdarcs.com.au](mailto:safety@pdarcs.com.au)

### Catering Manager

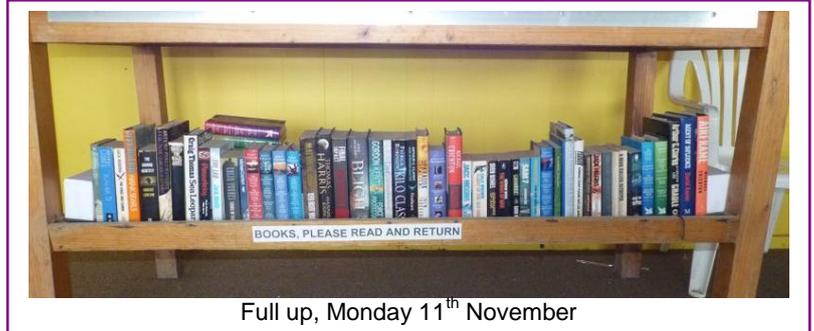
Vacant

**Editorial Submissions to:**  
[editor@pdarcs.com.au](mailto:editor@pdarcs.com.au)

## Editor's Bit Books, books

In the October Newsletter I talked about the interesting books that I have been putting on the shelf under our magazine table in the Clubhouse, so you guys can have a read of them

The shelf is now full, so lets see how it goes, if you have some interesting books you can spare, please put them on the shelf, on top,  
If you have a book case you can spare, I am sure we can find a place for it, and more books



On a different note, Christmas is nearly upon us, with the December festivities, We have our **Annual Christmas Dinner, and Twi – Fly, on December 11<sup>th</sup>**  
It is always a fun event, with lashings of food, nite – flying, and lots of fun and laughter



**Frank McPherson** Editor

## WHAT'S ON

### At P&DARCS 2013 / 14

Look in the Club Calendars on pages 5 and 6

### From the VMAA Events Calendar 2013

Nov		
30	F3A Aerobatics Caldermeade	SWAMPS
Dec		
1	F3A Aerobatics Pakenham	P&DARCS

### In This issue:

What's on	2
Committee Reports	3
The Ferret Report	4
Club Calendar for 2013	5
For sale / Wanted	5
Club Calendar for 2014	6
VFSAA Scale Event	7
Club Aero' Tow Day	8
Don't Trust Your LiPO Batteries	9
History of C.A.C	10 / 11
Sponsor's advertising	12

## PRESIDENT

Well !!! October disappeared in a rush, never to be seen again, and half of November has followed it before I could even catch up with myself.

I must admit, half of October was spent relaxing in the company of good friends with time spent on Kangaroo Island, and then North through South Australia to the Flinders Ranges, but enough of my problems, on to greater things.

The National model aircraft championships were always held (until recently) over the Christmas – new year break, and we "mature age" modelers (old farts) have always enjoyed catching up with those involved in other branches of our hobby.

The trend lately has become more and more for individual special interest groups to host their own events. The reason I mention this is because I have been told that it is highly likely that this year will be the last of the " Nats" as we know them --a great shame.

So, if you want the opportunity of wandering through the whole gamut of aeromodelling in Northern Victoria, Make the most of it for it may not happen again.

And now I dry my weary eyes with my heavily tear stained handkerchief, and go sit in the corner.

And I take this opportunity of wishing you one and all a joyous Christmas and a happy, fun filled and prosperous 2014

**Bill' Reynolds**, Pres'

## SECRETARY

General meeting held Sunday 3<sup>rd</sup> November 2013 at the Burley field Meeting opened at 1300hrs. 21 members

**Apologies.** P Webber, S Malcman, P Harrison, G Lowrey, N Morrish, E Wills, G Burgdorf, M Smith, A Favaloro.

**Minutes of the previous meeting be accepted.** Moved A Coleman, Seconded, M Norton, Carried

**Business arising from previous minutes.** Approach council for gravel. Club constitution approval.

**President.** Have been away for 2 weeks. Nil to report

**Secretary. Correspondence In.** Invoices:- Electric, Phone, Bin hire.

**Out.** Dingley Village hall hire

**Treasurer.** Normal accounts have been paid. Good financially. Financial statements read to members present.

Moved, W Schubach, Seconded, A Mysliborski, That the Treasurers report be accepted, Carried.

**Field.** Clearing drains has started by Melbourne water. Farmer is going to put high ground in various paddocks . Contractor to prepare base for the new shed weather permitting. Western strip needs to be leveled as it is very uneven.

**Building.** Vent purchased for computer room.

**Social.** Members wishing to attend the Christmas dinner need to book at a cost of \$5 per head, contact Daniel Jenkins for your reservation. To be Held December 11<sup>th</sup> at the Burley field

**General.** Discussion on event days where the field is closed for general flying, suggestion to limit the events where the field needs to be closed.

Moved, P Harris, Seconded, A Coleman, "That the club have a one day only event per year for the flying of the VFSAA sports scale event" , Carried.

Discussion on noise levels from planes, policy is to keep noise levels down.

Suggestion to hold a Bi-monthly General meeting ,this suggestion to be put in the newsletter for members comments, your comments to be given to the Editor for more discussion at the next General meeting.

Meeting closed at 1355hrs.

Next General meeting, Saturday 7<sup>th</sup> December 2013 1300hrs. at the Burley field.

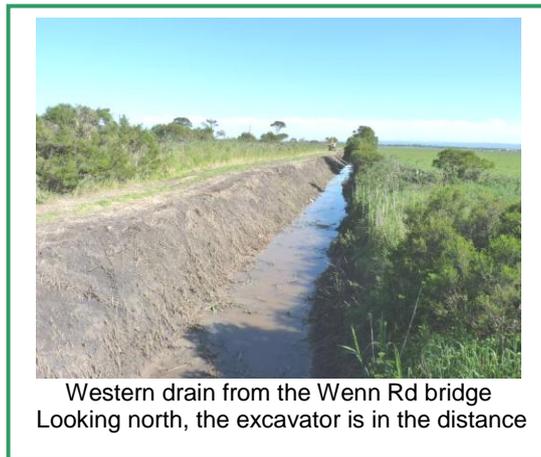
First meeting in 2014, Saturday 1<sup>st</sup> February 2014 1300hrs at the Burley field

**No 2014 January meeting**

**Don White**, Secretary

## FIELD MANAGER

Hi guys, Melbourne Water have finished cleaning out the western drain, and I looked at it Thursday 14<sup>th</sup> after a few days of heavy rain and it was flowing fast where they had cleaned out. Today, Wednesday 20<sup>th</sup> they completed the clean out. I will ring and thank Melbourne Water.



Western drain from the Wenn Rd bridge  
Looking north, the excavator is in the distance

We have had a few great days for flying, but most are poor and has made the mowing difficult. Thanks to our mower men for keeping on top of it. Daniel and I have been active on the slasher and Billy Hawkes with the Round up.

I now plan to raise the sprinkler heads on the East Strip and hopefully this is done by the time you receive this newsletter. Hope you all have a very safe and enjoyable festive season and the weather improves so we can see you at field flying.

**Norm Morrish** Field Manager

## REGISTRAR

**Paul Webber**, Registrar

No report for this month

## WEBMASTER

No report for this Month

**Daniel Jenkins**, Webmaster



## SOCIAL DIRECTOR

# Annual Twi-fly & Christmas Dinner



This year the P&DARCS Twi-Fly & Christmas dinner will be held on the 11<sup>th</sup> December, as always at the field. This is a popular event with P&DARCS members & booking is essential to ensure the catering is sufficient. On the day it will be a no booking, no dining policy, so please if you wish to attend, book in. To book, print & cutout the booking slip below & send it to us & we will send you your tickets. All bookings must be received by the 4<sup>th</sup> of December.

**Daniel Jenkins**, Social Director

P&DARCS Christmas Dinner 2013	
Name:	
Address:	
No of tickets required:	
Amount enclosed (\$5 each):	
<b>Mail to:</b> P&DARCS Christmas Dinner P.O Box 131 MDC, Cranbourne 3977	

## BUILDINGS OFFICER

No report for this month

**David Glossop**, Buildings Officer

## FACILITIES MANAGER

No report for this month

**Paul Somerville** Facilities Manager

## SAFETY OFFICER

No Report for this month

**Alan Foley** Safety Officer

## TEAM CAPTAIN

As 2014 is creeping up on us it is now time for our members to begin forming a team for next years' VMAA Trophy club event which will be held in April.

Last year we managed to secure an overall third place, flying against six other model clubs which is a very good effort and that was flying in all but two of the events. We could certainly do allot better if we have entries in each of the events.

The VMAA Trophy is an event whereby clubs across the state of Victoria are invited to participate and compete against one another. As in previous years the event is held at the state flying field at Darraweit Guim which is a small neighboring town to Wallan. There are twelve events in total which are a mixture of Aero plane, Helicopter and Glider.

Again I will organize our club team individual shirts for each team member flying in the events.

I still require entries for the below events;

- Fun fly
- Thermal Soaring
- Scale Aerobatics
- Electric Glider
- Old Timer Duration
- ~~Most Unusual Model~~ replaced with a new Limbo Event
- Musical Landings
- Club Racing
- Combat

If you think you would like to have a go at one of the events then please get in contact with me either via email [teamcaptain@pdarcs.com.au](mailto:teamcaptain@pdarcs.com.au) or come see me when I am down at the club.

Kind Regards,

**Steve Malcman** P&DARCS Team Captain

## THE FERRET REPORT



**Diggin' Up Dirt**

### # 1

Our Ferret heard that Andrew Smallridge had a "happening " while flying in the Scale Event on Sat' 2<sup>nd</sup> Nov'

Seems the motor front crankcase bolts came loose, the motor vibrated violently, shaking off the canopy, the motor sounding like a diesel tractor, then the front of the motor, with prop + spinner ejected from the model, Andrew managed to dump it in the rough next to the main strip, minimal damage

**More maintenance Andrew !**

### #2

More Ferret findings, seems Frank McPherson forgets things, while preparing his parachute descent model, on Sat' 16<sup>th</sup>, he forgot to switch on the gubbins that pushes the main chute' out, at the critical time, only the two small drogues popped out, the drogues caused so much drag, the model stopped flying and started falling

Impact with terra firma, caused much shortening of the nose

**Wake up Frank !**

## P&DARCS CALENDAR FOR 2013

Date	Day	Confirmed?	Location	Details
1 <sup>st</sup>	Sun	Yes	Burley Field	APA Pattern
7 <sup>th</sup>	Sat	Yes	Burley Field	Club Meeting
11 <sup>th</sup>	Wed	Yes	Burley Field	Annual Dinner & Twi-Fly

## FOR SALE

**Sig Citabria** 69" wingspan, 45-61 2 stroke \$ 150.00.

**Piper Super Cruiser**, by Champion models, 85"

**Stinson SR8**, 84 1/2 " 90-120 4 stroke, by Royal \$170.00,

**Cessna 182**, 81" 60-120 size motor, by topflight

Contact Darryl Cope 97023815, e-mail [dags18@bigpond.com](mailto:dags18@bigpond.com)

## R/C MODEL TRAILER JURGENS MOONWALKER, ONLY ONE OF FOUR IN THE CLUB and AUSTRALIA, ONLY \$1,395

Name Jurgens Moonwalker LT670  
 Height Inside 520 mm..... Outside 1070 mm  
 Length inside 1800 mm..... Overall 2975 mm,  
 Width inside 1248 mm.  
 ..... Overall 1475 mm  
 Axle Capacity 750 kg  
 Wheels 155 x 13" and a spare wheel underneath  
 Pay load 495 kg  
 Suspension AL-KO Rubber torsion swing arm  
 Registered with TAC till August 2014  
 PLUS: A professionally made Weatheproof Tauno-cover  
 that protects the unit from tow ball to back opening tailgate.



**Phil Langton**, [phil@langton.biz](mailto:phil@langton.biz), Or 87125767, mobile 0411 038 287

## Wanted

Wanted, urgently, JR Transmitter 2610 six channel, ten model in exchange for my current JR PCM9X 9 channel 30 model Transmitter complete with original box and instruction manual all of which are beyond the capability of my last remaining brain cell.

Phone Ern Hancock 9705 0426 to negotiate swap

# P&DARCS CALENDAR FOR 2014

Date	Day	Confirmed ?	Location	Details	Comments
<b>January</b>					
23 <sup>rd</sup>	Thu	Yes	Burley Field	Committee Meeting	
26 <sup>th</sup>	Sun	Yes	Burley Field	Roy Rob Event	
<b>February</b>					
1 <sup>st</sup>	Sat	Yes	Burley Field	Club Meeting	
20 <sup>th</sup>	Thu	Yes	Burley Field	Committee Meeting	
22 <sup>nd</sup>	Sat	Yes	Burley Field	Bi-Monthly Twi-Fly	
<b>March</b>					
2 <sup>nd</sup>	Sun	Yes	Burley Field	Club Meeting	
20 <sup>th</sup>	Thu	Yes	Burley Field	Committee Meeting	
22-23 <sup>rd</sup>	Sat-Sun	Yes	Burley Field	Monty Tyrell Giant Model & Scale Weekend	
<b>April</b>					
5 <sup>th</sup>	Sat	Yes	Burley Field	Club Meeting	
6 <sup>th</sup>	Sun	Yes	Burley Field	Model Engines Day	
12-13 <sup>th</sup>	Sat-Sun	Yes	State Field	VMAA Trophy	
17 <sup>th</sup>	Thu	Yes	Burley Field	Committee Meeting	
26 <sup>th</sup>	Sat	Yes	Burley Field	Bi-Monthly Twi-Fly	
<b>May</b>					
4 <sup>th</sup>	Sun	Yes	Burley Field	Club Meeting	
22 <sup>nd</sup>	Thu	Yes	Dingley	Committee Meeting (Winter)	
<b>June</b>					
7 <sup>th</sup>	Sat	Yes	Burley Field	Club Meeting	
19 <sup>th</sup>	Thu	Yes	Dingley	Committee Meeting	
28 <sup>th</sup>	Sat	Yes	Burley Field	Bi-Monthly Twi-Fly	
<b>July</b>					
5 <sup>th</sup>	Sat	Yes	Dingley	Annual Club Auction	
24 <sup>th</sup>	Thu	Yes	Dingley	Committee Meeting	
<b>August</b>					
2 <sup>nd</sup>	Sat	Yes	Burley Field	Club Meeting & AGM	
21 <sup>st</sup>	Thu	Yes	Dingley	Committee Meeting	
30 <sup>th</sup>	Sat	Yes	Burley Field	Bi-Monthly Twi-Fly	
<b>September</b>					
7 <sup>th</sup>	Sun	Yes	Burley Field	Club Meeting	
18 <sup>th</sup>	Thu	Yes	Dingley	Committee Meeting	
<b>October</b>					
4 <sup>th</sup>	Sat	Yes	Burley Field	Club Meeting & Co-Op AGM	
23 <sup>rd</sup>	Thu	Yes	Dingley	Committee Meeting	
23-26 <sup>th</sup>	Thu-Sun	Yes	Burley Field	Western Port Drifters	
25 <sup>th</sup>	Sat	Yes	Burley Field	Bi-Monthly Twi-Fly	
<b>November</b>					
2 <sup>nd</sup>	Sun	Yes	Burley Field	Club Meeting	
20 <sup>th</sup>	Thu	Yes	Burley Field	Committee Meeting (Summer)	
<b>December</b>					
6 <sup>th</sup>	Sat	Yes	Burley Field	Club Meeting	
7 <sup>th</sup>	Sun	Yes	Burley Field	APA Pattern	
10 <sup>th</sup>	Wed	Yes	Burley Field	Annual Dinner & Twi-Fly	

# VICTORIAN FLYING SCALE ASSOCIATION OF AUSTRALIA

## Some Pictures Of the Event On November 17<sup>th</sup>

 Darryl Cope



# CUP DAY AERO TOW Tues' Nov 5

All P&DARCS Members were invited to attend our inaugural Cup Day Aero Tow Event

This event saw gliders of all sorts being tow launched at P&DARCS  
We also had some visiting Glider flyers

The field was not closed, & there was general flying



# DON'T TRUST YOUR LIPO BATTERIES



One of my Turnigy LiPOs decided to blow up while being charged, the charger was set at 1C, the packs were 4S 5000mA in pairs, making 8S 5000 packs

I set them going, and the current was around 3 amps, as they were nearly full, I went into the house for some late lunch, the smoke detector went off in the garage, the results can be seen below



The chargers were Redback Racing Scorpion, they program the same as Turnigy chargers, they were fed from a 40 amp power supply, the black box on the right

It seems the centre pack exploded, and blasted the center charger, the heat then set off the adjacent packs, and the left hand charger got blasted

Some people suggest the centre charger went faulty, setting off the centre LiPO ? ?

The concrete pavers saved the lot burning through the plastic table, and igniting balsa stored under, if that happened, I would have lost my entire workshop and equipment, just as well I took the paver precautions, the pavers were very hot, the whole workshop is covered in a fine black ash, and a big stink

I now intend to charge the LiPOs in separate steel boxes, fireproof cash boxes, if a LiPO blows up in a steel box, on the pavers, I would only have smoke, and one stuffed LiPO, **as in the pic' below**, using Turnigy Accucell + Hyperion chargers, the little box top left has switches to allow me to separately select the chargers

Frank McPherson



## **BRIEF HISTORY Of The C.A.C, Wackett Bomber , CA15 & CA31**

**Review, and photos' supplied by Ernie' Hancock**

Commonwealth Aircraft Corporation (CAC) have, in the past, been responsible for the design of such aircraft as the Wackett Trainer, the Boomerang, the Wackett Bomber (originally called the Woomera), shown in the Pic' below



Wackett ( Woomera ) Bomber, circa 1942

Then under license the factory manufactured the P51D Mustang fitted with the RR Merlin, followed by the F86 Sabre fitted with a "real engine " the RR Avon also manufactured at CAC. After this a design exercise for a high speed single seat interceptor the CA31 photo shown reached the full size mockup stage only to be scrapped through lack of RAAF interest.



C.A.C CA31 Single Seat Interceptor

The CA15, was a modified P51D. In fact, it was considerably longer, deeper with a huge underbody scoop, a much smaller canopy and had larger flying surfaces, including dihedral applied to the rear stabilizer. The original design request by either government and / or RAAF, etc, was for a competitive top line fighter aircraft near the end of WW2. The only engines that seemed to be suitable were the multi - row radials from the American Corsair, Thunderbolt, etc. The plane was then designed to fit these to the so-called modified P51D, as shown in the pic' below



C.A.C CA15 Fighter

However, during this design stage, the Americans, etc. decided they could not spare their multi - row radials, and so an alternative was hurriedly searched for.

A Rolls Royce Griffin was supplied on loan by the British government and a prototype CA15 built. The nose section of the original design was hurriedly modified to accept the Griffin, which was approximately twice the horse-power of the original P51's Merlin. The CA15 was finally finished too late for its original job, and the prototype No.A62 - 1001, was successfully flown and highly praised by the test pilot. Photos included were taken during engine run-ups at the Fisherman's Bend airstrip. Top speed was reported to be in excess of 450 mph.

Now, as an interest to modelers, this design whilst on the drawing board was enthusiastically followed by all the design staff. One aero modeler (Keith Shilling) in the design staff built a one-sixth scale model. As shown in the pic' below



This history has been dug out of the feeble minds of the ancient designers to the best of their knowledge, and happily dragged out of them at current luncheons. **Ernie' Hancock**



46 McCrae Street Dandenong 3175  
 Phone (03) 9794 5999 Fax (03) 9793 9108  
[sales@hobbyman.com.au](mailto:sales@hobbyman.com.au)  
[www.hobbyman.com.au](http://www.hobbyman.com.au)



**Triple-T**  
 INSURANCE SERVICES PTY LTD  
 Call David 97675111



Kevin Chiselet 0409-425-312  
[kevin@scmodels.com.au](mailto:kevin@scmodels.com.au)

Andrew Smallridge 0417378753  
[andrew@scmodels.com.au](mailto:andrew@scmodels.com.au)

[www.scmodels.com.au](http://www.scmodels.com.au)

Quality at the Right Price



Stocking only quality products and accessories for the RC Modeler

20 Spring Square Hallam 3803

Phone FAX (03) 97031160  
[hallamhobbies@optusnet.com.au](mailto:hallamhobbies@optusnet.com.au)

[www.hallamhobbies.com.au](http://www.hallamhobbies.com.au)



**Addies HOBBIES** **RC world of fun**  
 641A Nepean Hwy Carrum 3197 Victoria  
 03 9773 3955 [addieshobbies.com.au](http://addieshobbies.com.au)

**AIRCRAFT BOATS KITES HELIS CARS**

**DragonRC**  
 Importer and distributor of RC aircraft and accessories, specialising in:  
 - Large scale aircraft  
 - UAV/FPV  
 - DLA engines

[www.dragonrc.com.au](http://www.dragonrc.com.au)

**HEARNS HOBBIES**  
 is for SALE! —  
 A once in a lifetime opportunity to purchase this iconic Melbourne business established in 1947.

Located in the centre of the city near parking with 2000 sq m of floor space housing an enormous range of model and hobby goods. Already with excellent business and extremely favourable rental rates, Hearn's Hobbies is an ideal platform for expansion into many other areas of the industry.

For more information please contact  
 Rob Dorsett on 0417 123 191 or [rob@hforrat.com](mailto:rob@hforrat.com)

**Next Club Meeting, Saturday December 7<sup>th</sup>  
 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

