



# P&DARCS

Pakenham and District Aircraft Radio Control Society



## P&DARCS NEWSLETTER MAY 2018



A very interesting model of the Air Truck  
Flown by Dave Chivers, built by Ray Chivers  
More photos on pages 8 + 9

**Next Club meeting, Saturday 5<sup>th</sup> May 2018  
At Burley Field, 1pm start**

## BURLEY FIELD

Wenn Road Cardinia

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

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### Editorial Submissions to:

[editor@pdarcs.com.au](mailto:editor@pdarcs.com.au)

## EDITOR'S BIT

The Monty Tyrell Scale rally went off well, a zephyr breeze in the morning, it got a bit windy during the afternoon, flyers with larger, powerful models dominated the afternoon flying. The exception to that was Harrison Ritter and Balint Banko, they both flew lightweight foamies all day, regardless of the tough wind.

We had about 71 cars through our gate

There were 31 registered pilots present, and 52 models

And a good number of visitors

Yours truly sold around 210 raffle tickets, and wore out one ball point pen writing names

The Cardinia Primary School people did a roaring trade, selling all kinds of tasty food, they were very happy with the result of their efforts



View of the pit area looking west, Addies Hobbies and the Hobby Man trade displays are on the far right

**Frank McPherson** Editor

## WHAT'S ON At P&DARCS 2018

Look in the Club Calendar on page 11

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# NOTICES

## VISIT TO THE “OLD AEROPLANE COMPANY” TYABB AIRPORT

Don White has made arrangements for our Club Members to visit the Old Aeroplane Company on 27<sup>th</sup> May, the same itinerary as the visit there last year;

- 10 AM start
- Visit Jim Wickham’s Hanger to view aircraft
- Conducted tour of the Airport facilities
- After the visit, we invited to have a tasty BBQ lunch
- Booking is essential, please email [events@pdarcs.com.au](mailto:events@pdarcs.com.au) if you wish to attend

**Don White Social Sec**



**Cargo & Freight Company Tyabb**

## VMAA Trophy Missing

As you may know by now, P&DARCS won the 2018 VMAA Trophy. As last year winners, the trophy was in our possession already, but for some reason the trophy has disappeared from the clubhouse. If you happen to know where it is, we would appreciate it's return otherwise P&DARCS will need to pay for a new one to be produced. The main problem is all the history of previous winners would be lost, the cost is incidental. We are also reviewing the club's security cameras to see if we can shed any light on this.



## PRESIDENT'S REPORT

Once again the sun shone on a great Monty, unfortunately the wind blew as well but it didn't put a dampener on the day. We had a great turnout, a variety of models and enthusiastic pilots.

Congratulations to David Chivers who took out the Monty Tyrrell Award with his Air Truck. David also took out Best Jet with his F16.

Best Warbird went to Neil Addicott with his P51 and Best Civilian was won by Keith Quigg with his Piper Super Cub. Many thanks to Ivan and Andrew for organizing the day and to SC Models, Addies Hobbies, The Hobbyman and Glenn Orchard for their sponsorship and displays.

Cardinia Primary School once again did the catering and had to replenish stock twice during the day.

We are all looking forward to the VMAA Trophy weekend April 21/22 and I encourage all our members to come along to support their club in our quest for a record 3 wins. Peter has organized great weather for this event.

Finally thanks to all our members who pitch in to lend a hand to keep our club in such great shape; especially leading up to these events.

**Alan Foley** President

## SECRETARY

**General Meeting Held Saturday 7<sup>th</sup> April 2018**

**At Burley Field Cardinia.**

**Meeting Opened:** 1303 hrs

**Members Present:** 29

**Apologies:** M. Smith

**Visitors:** Andrew Neilson, One of the club's early members  
**New Member** Nil

**Minutes of previous Meeting:** Motion that the minutes of meeting of the previous be accepted Moved W Schubach, Seconded; D Glossop, Carried

**Business Arising:** Nil.

### Reports:

#### President:

Congratulated Club Member Glen Orchard, who was at the meeting on his recent win at the APA World Cup held at our field last month. President also made mention of John Bran's great effort on his first place in the Expert Class at the same event.

#### Secretary:

##### Corro out:

- Grant Application to MAAA

##### Corro In

- VMAA/MAAA advise we are not eligible this year for Grant as you can only have one every 4 years.
- Request to visit our field by some GMAC members
- VMAA Minutes:- Also advised members of some relevant point from these minutes.

#### Treasurer:

- The Treasurer provided report on club finances. Now above budget by \$1500 due to recent influx of new members.

#### Registrar:

- 3 new membership applications to process this month.

### Facilities

- Fuel Shed is now complete
- Norm has Fixed Roof in ladies toilet

### Field

- Dry spell has created several cracks in the runways and shrinkage of ground around concrete structures
- Will fill the larger cracks this afternoon for the Monty Event.
- Will be spraying Kikuyu on runways and will continue to fertilise and treat the soil in coming months

### Safety

- No recent incidents. But could members please be careful not to fly over the corners of the pit area when flying around the corners from one runway to another.

### Editor

- Current Newsletter is out. Frank thanks Daniel for putting the last newsletter out for him while he was on holidays

### Webmaster:

- We have relocated the missing receivers for the club models
- SMS Alert system now operating. It will be used for important announcements ad to remind members of event or field closures.
- Purchased new gadget to make buddy boxing with trainee pilots easier.

### Social

- Will book another visit to Tyabb Airfield for end of May Probably the 27<sup>th</sup>

### Club Captain

- VMAA team all organised and will be practicing prior to the big day. 21<sup>st</sup> & 22<sup>nd</sup> April
- There will be a club working Bee Friday 20<sup>th</sup> prior to the VMAA Trophy Event

### General Business

- Monty Event all ready to go. Hopefully there will be 3 retails outlet at the event as well, SC Models, Hobbyman and Addies Hobbies. Meeting Closed 1358 hrs.

Meeting Closed 1400 hrs

**David Walsh** Secretary

## FIELD MANAGER

Hi Everyone,

The past 2 months were extremely dry and windy. Cracks have occurred between the centre and the outside edge on both the East and Main runways even though I have used approx 300,000 litres of the sprinkler tank water.

The cracks are much less than in previous years and did not take many hours to fill them in. Big thanks to Norm Parker, John Timms, Brian Evans, Brian Raw, Peter Harris and Daniel Jenkins for helping fill the cracks on the East runway making it ready for the very successful Monty Tyrell Day.

This may sound like we are not winning but I am extremely confident that we are. There are hardly any cracks in the pit area and the West runway, both do not have sprinklers. A lot of cracks occurred along the sprinkler lines where the pipes were layed.

Another problem occurred because of the huge amount of ground shrinkage which can be seen beside the concreted areas. It has even pulled the downpipes apart on the Tx pound and the new shed. The sprinkler water actually made the peat clay expand for an area of approx 5 metre diameter around the sprinkler heads resulting in raised hills, making the runways uneven.

The plan forward is to apply liquid lime to the areas where the cracks have occurred to improve the ph level. We will also apply the nutrient mix on a regular basis.

( The New Zealand farmer who told us about the mix was here competing at the Masters again and was very happy to see the huge improvements since 2 years ago. ) We will also continue with preventative spraying for the Black African Beetle ( did not see any this summer ).

We will kill off all Kikuyu Couch on our runways in June and once the runways have settled back down from shrinkage and expansion problems we will fill in some low areas with the excellent soil we are receiving from the MAAA grant.

Next summer I will do an experiment and not use the sprinklers at all. I am confident you will see a huge improvement this time next year. The long term plan is once we have stabilized the runway peat clay then we will look at converting the runway grass to Santa Anna couch.

**Norm Morrish** Field Manager

**Shopping at the Hobby Man, show your P&DARCS Membership card and get a 10% discount**



# REGISTRAR

## Registrars Report – April 2018

### New Member Application

- Robert Clarke, Doreen – Probationary Member
- David Mennie, Aspendale – Probationary Member
- Mitchel Mennie, Aspendale – Student 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.*

### Membership Upgrades for 2018 / 19

The following Members are entitled to be offered full Membership of the Club having Completed 6 Months as probationary members

Peter Anderson	David Chivers	Darren Collins	Alan Connelly
Russell Doyle	Glenn Duvalois	Jeff Hall	Henry Law
Ashley Morrow	Mike Rathbone	Mark Rogers	

*Any objections to these upgrades 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.*

### MAAA Qualifications

- Congratulations to Adam Baker for achieving Silver (P)

### Changes to your contact information

Please remember to keep me up to date with changes for contact details, especially **email** changes as this is our preferred method of keeping in touch with you. As we approach membership renewals make sure that I have your correct snail mail address

### Membership status

These figures only include forms received by the Registrar

	Paid 2017/18	Unpaid	Last Year
Full	94	6	96
Associate	8	6	10
Junior	4	1	3
Life	3		3
Pensioner	24	1	26
Probationary	19		13
Prospective	2		
Student	1		
Spouse	1		1
Honorary	0	2	2

<b>Total</b>	<b>156</b>	<b>16*</b>	<b>154</b>
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\* includes 7 resigned

**Rob Till** Registrar

# Monty Tyrrell Memorial Scale Rally Sunday April 8<sup>th</sup> 2018

Report by Ivan Chiselett

On Sunday April 8 our club hosted our Monty Tyrrell Memorial Scale Rally. This event has been going for around 30 years and is one of our "big" events. Monty Tyrrell was a major mover in the very early days of modelling and P&DARCS, from memory I think his MAAA Number was 3, so that gives a good indication of how long he was involved in model aviation. Please look at the "History of our Club" section of our web site for a more detailed understanding of Monty and his contribution to model aviation and this club.

Firstly, a big thank you to those members that assisted by getting the field ready, looking after parking, selling raffle tickets, looking after registrations, running the flight line and generally helping run the event. Such events cannot happen without much help from members. I am sure that all that attended had a good time flying and watching the good selection of models that were present.

We finished up with 31 registered pilots and 52 aircraft. A pretty good turnout especially as the weather forecast did not put a good spin on it on the Saturday. Personally I think we should be able to attract more participants. There are lots of scale models out there and we would all like to see them take to the sky. Unfortunately many modelers seem to be shy/embarrassed about bring their models out to such events. I hear, "oh my models are not good enough". The main point of these type of days is to just get out there and have a good time. There is no "judging" of models by anyone, we just want everyone to have a good time.

One of our members has quite often said to me that his models were not that good and not "true" scale. Funny thing is that a publisher of a model forum specifically mentioned to me how much he enjoyed seeing this persons models flying. "They just looked great in the sky, and you do not see those modelled often" was his comment.

It was also very pleasing to see that the Cardinia Primary School did well and raised nearly \$700. A big thank you to the Sharron and Darren King & their band of helpers, who run the canteen at our big events. It relieves us of the major problem when running events and it also raises significant funds for the local school. A big win for both groups.

The results of the day were;  
Monty Tyrrell Award ; Dave Chivers - Air Truck  
Best Jet; Dave Chivers - F-16  
Best Warbird; Neil Addicott - P-51  
Best Civilian; Keith Quigg - Piper Super Cub

Again, thank you to all that helped and attended. Let's start to get ready for next year and make it even bigger. The club also did well with the proceeds from the gate plus Frank's efforts from the Raffle. Thank you to the Hobby Man for the raffle prize.

Why not spread the word to your friends and acquaintances suggesting that they attend and just watch. It would appear that there were quite a few members of the public just watching. I happened to mention the day to one of my doctors and to my surprise he came along with his wife and 3 kids. Stayed for around 3 hours and met up with me before he left saying what a great day they had

Do not forget our next Scale event, the Scratch and Kit Built Scale Rally on November 11 2018. Start building and come along for a good day.

**Ivan Chiselett**

# Monty Tyrrell Memorial Scale Rally Sunday April 8<sup>th</sup> 2018

Photos Andrew Mysliborski and Michael White



Dave' Chivers Air truck, about to touch down  
On the main strip



Graham Catchpole's amazing F14 Tomcat fighter  
Approx' 3m Fuselage



Mark Collins scratch built Lavotchkin



Brian Evans Westland Whirlwind ready for take - off



Chiselett's nice B25

Ivan

# Monty Tyrrell Memorial Scale Rally Sunday April 8<sup>th</sup> 2018

Photos Andrew Mysliborski and Michael White



Steve Malkman's Cessna, about to touch down



Busy pits area looking west



The presentation team, Andrew Smallridge, Alan Foley, and yours truly, about to draw the raffle prize winner



David Chivers receiving the Monty Tyrrell Award for his Air Truck



Glenn Cossor's Pitts Python

# THRUST

By Wally Schubach

Sir George Cayley might have worked out what an aeroplane should look like, but he never got further than building a glider around 1799

Where would the power come from ?

In Sir George's day, there were two main sources of power, horses and steam engines. Steam engines were huge and heavy, you could wrench your back just looking at them

But that did not stop people trying, In 1842, William Henson used Cayley's research to build his aerial steam carriage. The carriage looked in most respects like a modern aeroplane. In layout, the carriage had a fuselage, slung below a monoplane wing. It had a moveable tail unit, an undercarriage, and a pair of wing mounted propellers, it was, in short, an aeroplane

But it couldn't fly and it didn't, steam engines were too heavy, and there was nothing else around

Throughout the nineteenth century, experiments continued. The first powered flight in history came about thanks to a twenty one year old Frenchman, Alphonse Penaud. The aircraft in question had a wingspan of 18 inches, it's propeller was a pair of feathers, and the engine was a rubber band.

On the first flight, the model flew 130 feet in 11 seconds, the year was 1871

Meantime, Cayley's gliders were developed and improved, stronger and lighter steam engines were developed, aeroplanes were constructed that could just about haul themselves from the ground, but nothing yet seemed likely to crack the secret of flight.

The invention of the internal combustion engine changed all that, this engine offered more power for less weight. For the first time in history, thrust, the second ingredient of flight, was available on tap

But there was no use lifting something into the air at speed, for that machine only to spin out of control, and smash up. Everything now depended on the third ingredient of flight: how to control the machine in the air

Across the Industrial World, in England, Germany, France, and America, the race was on, and you know the rest



George Cayley's glider in action 1799

# P&DARCS CALENDAR FOR 2018

## May 2018

- 05 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 17 (Thu) 7:30 pm - 10:00 pm [Committee Meeting \(Winter\)](#)
- 20 (Sun) [VFSAA Sports Scale](#) Field Open: **Partial**

## June 2018

- 03 (Sun) 1:00 pm - 2:30 pm [Club Meeting](#)
- 21 (Thu) 7:30 pm - 10:00 pm [Committee Meeting \(Winter\)](#)

## July 2018

- 07 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 19 (Thu) 7:30 pm - 10:00 pm [Committee Meeting \(Winter\)](#)

## August 2018

- 05 (Sun) 1:00 pm - 2:30 pm [Club Meeting & AGM](#)
- 16 (Thu) 7:30 pm - 10:00 pm [Committee Meeting \(Winter\)](#)

## September 2018

- 01 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 20 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

## October 2018

- 07 (Sun) 1:00 pm - 2:30 pm [Club Meeting & Coop AGM](#)
- 18 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)
- 20 (Sat) [Twi-Fly](#)
- 27 (Sat) [Spring Clean & Working Bee](#) Field Open: **Partial**

## November 2018

- 03 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 06 (Tue) [Melbourne Cup Aero Tow](#) Field Open: **Partial**
- 11 (Sun) [P&DARCS Scratch / Kit Built Scale Rally](#) Field Open: **No**
- 15 (Thu) 7:30 pm - 10:00 pm [Committee Meeting](#)

## December 2018

- 01 (Sat) 1:00 pm - 2:30 pm [Club Meeting](#)
- 02 (Sun) [VPA Pattern](#) Field Open: **No**
- 08 (Sat) [P&DARCS Christmas Dinner & Twi-Fly](#)

P&DARCS Calendar can now be viewed online at [www.pdarcs.com.au/calendar](http://www.pdarcs.com.au/calendar)

The logo for SC Models features the letters 'SC' in large, red, bold font above a blue silhouette of a fighter jet. Below the jet, the word 'models' is written in a blue, lowercase, sans-serif font.

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Quality at the Right Price

The Motorfly logo consists of the word 'Motorfly' in a blue, italicized font with a yellow lightning bolt graphic above the 'y'.The Dura-GRIT logo features the text 'Dura-GRIT' in a bold, black font with a yellow gear icon to the right.The logo for Dragon R.C. features a red dragon head in a circle on the left. To its right, there are images of various RC models including a quadcopter, a biplane, and a car.

www.dragonrc.com.au  
Dragon R.C  
Dragonrc.com.au

The logo for Addies Hobbies features the text 'Addies HOBBIES' in a stylized font, with 'RC world of fun' below it. To the right is a logo with the letters 'AH' and a blue arrow.

641A Nepean Hwy Carrum 3197 Victoria  
03 9773 3955 addieshobbies.com.au

A row of small icons representing different RC models: a quadcopter, a car, a biplane, a helicopter, and a truck.

AIRCRAFT BOATS KITES HELIS CAR!

The logo for My Tool Store features the text 'MY TOOL STORE' in a large, bold, serif font, with 'Make it YOUR tool store too!' below it. Below this is a blue banner with 'MTS' in large, metallic letters and 'mytoolstore.com.au' below it, flanked by two wrenches.

MY TOOL STORE  
Make it YOUR tool store too!

MTS  
mytoolstore.com.au

**Next Club meeting Saturday 5<sup>th</sup> May 2018**  
**At Burley Field, 1pm start**

**P&DARCS Newsletter**  
Pakenham & District Aircraft Radio Control Society

If undelivered return to  
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