

P&DARCS

Pakenham & District Aircraft Radio Control Society

THE NEWS OCTOBER 2013



Restored 1920s Boeing 40C, at Spokane U.S.A, it is the oldest flying Boeing in the World

REMINDERS:



- # NAME BADGES MUST BE WORN AT ALL TIMES, NO BADGE, NO FLY.
(TO STOP FREELoadERS USING YOUR FLYING FIELD)
- # VISITORS MUST BE SIGNED IN, AND WEAR A "STICK ON" NAME BADGE
- # WHEN STARTING AN I.C POWERED MODEL, OR ARMING AN ELECTRIC POWERED MODEL IN THE PITS, THE MODELS MUST BE RESTRAINED
- # ELECTRIC POWERED MODELS SHOULD BE ARMED AT THE FLYING STRIP AND DISARMED AFTER LANDING

**Next Club Meeting, and Coop AGM Saturday
October 5th at the Burley Field, 1-00 pm start**

BURLEY FIELD

Wenn Road Cardinia

www.pdarcs.com.au

P.O.Box 131, MDC
Cranbourne 3977
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president@pdarcs.com.au

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Catering Manager

Vacant

Editorial Submissions to:

editor@pdarcs.com.au

Editor's Bit

Spring has sprung, the birds are chirping, the nice aroma of spring flowers blooming
Time to get those newly built or repaired models out to the flying field, commit them to aviation, join the fun, and assist in solving the world's problems during the relaxing coffee and lunch breaks

On a different note, you may have noticed some interesting books, novels / documentaries / etc appearing on our magazine table

I get the books from OP Shops, on average \$ 2- each, or less, when I have read them I put them on the magazine table in our Clubroom, so you guys can have a read of them

I noticed they have been going off like hot cakes, and none of them have come back for others to read

If you like the books please read them, and then BRING THEM BACK for your flying mates to read, ta

Maybe we can put a small bookshelf on the bottom shelf of the magazine table to put the books on, if anyone has a bookshelf that will fit, and you can part with it, please put it in there and see how it goes

You never know, we could have a small library going !!



Frank McPherson Editor

WHAT'S ON

At P&DARCS 2013

Look in the Club Calendar on page 6

From the VMAA Events Calendar 2013

Sept

12-13 Pylon Racing Hamilton HMAC
26-28 Annual Seaplane weekend. 30th Anniversary
At the Tabletop Reserve, Twin Cities, Albury TCMAC

Nov

2-3 F3A Aerobatics State Champs Sth Aust. SAPA
2-3 Fun-fly weekend Ararat A&DAC
9-10 Old Timer. Cohuna CMFC
10 'Classic Pattern Aerobatics'
for 'early' .60 size models Rosebud West NMAA
23 **State Field 10th Anniversary Fly - In** **Northern**
23-24 Pylon Racing (at Baz's Paddock) VMPRA
23-24 Annual Fun-fly and swap-meet Hamilton HMAC
24 Old Timer Haddon Field, Ballarat BAM
30 F3A Aerobatics Caldermeade SWAMPS

Dec

1 F3A Aerobatics Pakenham P&DARCS

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PRESIDENT

Pressies Prognostications.

Sounds special,-----Just means I think a lot about what goes on, what should be going on, and perhaps, what we can do to make it happen. But Enough of that.

Last month I gave you an absolutely earth shattering mind blowing tip to save those ends of tape sticking down. It works doesn't it?

Now for another one!!! When you are about to fit the wing to that new masterpiece and you realize "I shouldn't have planked the whole nose section, how will I accurately locate the dowels in the wing leading edge without access to the bulkhead holes.

A problem most modelers confront some time in their building program. The answer is relatively simple.

Don't put the dowels in the wing, Take short pieces of dowel, sharpen one end of each with a pencil sharpener, you will get a nice conical tip, and glue them both in the bulk head square end first, (points protruding).

Then place the wing in its correct position, press against the points and BINGO-perfectly marked centre points for your dowel location holes.

Most experienced modelers will know this but it may be news to newcomers to the hobby.

I just hope my ramblings may help someones out of a problem. More next month

Bill' Reynolds, Pres'

SECRETARY

General meeting held 31 August 2013 at the "Burley Field" Wenn Rd. Cardinia.

Meeting opened at 1309hrs. Members Present 22

Meeting Chaired by President Bill Reynolds

Apologies: Don White, D Glossop, Norm Morrish, Wally & Pearl Schubach, C Nichols.

Minutes of the previous meeting: P Harrison moved that the minutes of the previous meeting be accepted, seconded M Norton Carried.

Business arising from previous minutes:

Nil

President: President reported that Dave Glossop and Don White Were recovering from surgery, and D Nichols was in hospital.

Secretary: Secretary was absent. Minutes were taken by the Vice President

Vice President Reported that the grant/loan submission has been sent to VMAA but as yet MAAA has not received it. He is going to check with VMAA Sec to see why it has not been forwarded.

Treasurer: Peter Harris reported that with the current membership number, we now have \$5,000 available for developmental works at the club.

General Account \$19,016.08

Business Account \$46,051.07

General Account \$ 4,553.76

He reported that 3 share parcels had been purchased. The Treasured moved that his report be accepted, seconded by Mark Smith Carried.

Registrar: Paul Webber reported that membership was currently 45. He noted that letters have been sent to those members that have not rejoined requesting that they send their gate key back.

Building Manager: Absent.

Safety Officer Alan Foley highlighted that safety article in the Newsletter and requested that members pay particular attention to advising others of their intentions re take off and landings and when going onto the field to retrieve models.

It was also highlighted that members flying 3D type maneuvers, ie hovering of fixed wing aircraft, should do this on the non active runway. It was noted that aggressive aerobatic maneuvers done whilst flying in the general circuit was not considered 3D flying.

Field Manager: Norm Morrish was absent but Daniel Jenkins advised that Norm has reported to him that Melbourne Water is going to check their many gate valves in our area.

Social Officer Daniel Jenkins advised that the Twi Fly in April 2014 was going to be published as open event in the VMAA Newsletter He noted that the Western Drifters will be at the club on 24 & 25 October 2014.

It was noted that the President was arranging for a member to run the Monty Tyrel scale rally in 2014.

Web Manager: Daniel Jenkins advised that the old web site has been closed down and a new site uploaded. He noted that the new site was in the latest language which hopefully will make it less vulnerable to hackers attack. He noted that this latest web site had already been under attack but had repelled the attacks. He noted that the site was also being hosted at a different provider and that members will need to update any links to the new site.

Club Captain: Steve Malcman advised that he was putting together a team for the VMAA Trophy and wanted to hear from any members interested in being part of the team.

General Business:

1. Club Constitution;
Daniel Jenkins advised that the committee had finished the revision of the Club Constitution. He noted that the primary reason for this was the changes to State Law. To enable the Constitution to be adopted a Special General meeting will be called. Members will receive advise of this meeting very soon as the new constitution must be in the hands of Consumer Affairs before November.
2. It was agreed that a Social Events Notice Board be put up in the Club house.
3. Trolley Carts; Mark Smith asked for assistance to locate where he could purchase the trolleys that had been agreed for him to purchase for the club. A couple of members advised Mark of possible locations that had the trolleys in stock.

Meeting closed at 1:52pm.

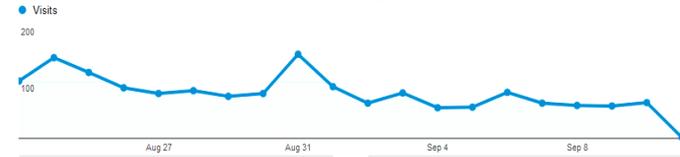
Next general meeting Saturday 5 October at the "Burley Field" Wenn Road Cardinia at 1300 hours.

Ivan Chiselett For Don White Secretary

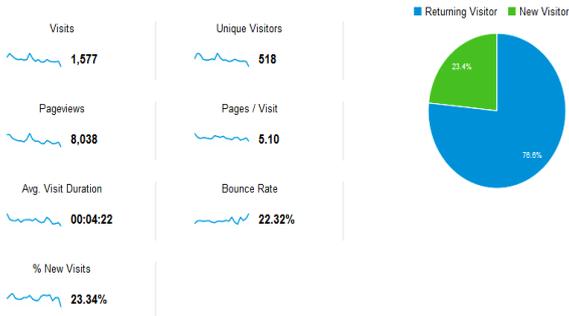


WEBMASTER

This is my first report since the new website went live, so I thought I'd provide you with some statistics & pretty graphs. All data shown is for the period 24 Aug to 11 Sep.



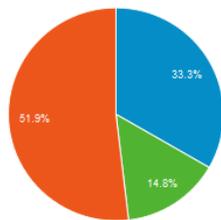
518 people visited this site



- 518 unique visits occurred
- Over 8000 views of different pages on the website
- 76% were returning visitors
- Around 80-100 Visits per day
- September Newsletter notification went out on the 25th Aug which explains ramp up around Aug 31st.

1,575 people visited this site

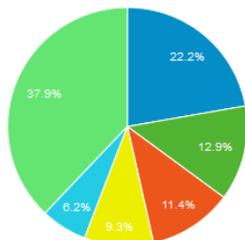
Search Traffic Referral Traffic Direct Traffic



- 51% came directly to the website
- 33% came via clicking on links in a search engine (like Google, Bing etc)
- 14% came via links from other website & emails (like newsletter links)

Pageviews by Page

Legend: /, /index.php/18-webcams/5-hay-shed-cam, /index.php/4-west-cam, /index.php/3-east-cam, /index.php/5-hay-shed-cam, Other



- A whopping 39% of views were looking at the webcams (weather data stats was not being collected during this period)
- 22% only looked at the homepage
- 38% was the rest of the traffic

Visits by Browser

Browser	Visits
Firefox	538
Internet Explorer	479
Safari	349
Chrome	121
Android Browser	77
Opera	6

- 538 Visits were done using Firefox as your main browser.
- Apple user visits were 349
- Android users made 77 visits (half of them were probably me!)
- Least popular browser is Opera

September Newsletter Stats

- Newsletter notification sent to 119 people (lower than normal due to Annual renewals just been done)
- 71% opened the email. 64% clicked on links in the email.
- Newsletter downloaded 182 times

Web Attacks

- 1790 automated attacks were made against the club website. **None succeeded**
- Automated blocking now enabled. So if an address attacks the website more than 3 times in an hour, there banned for 5 days. This feature was only turned on the day I wrote this report, so the number of attacks will reduce significantly. 5 addresses have been blocked in a 3 hour period since blocking was turned on.

In conclusion

As these stats only cover from when we went live, it's 18 days of data. A full month would nearly be double. These stats however do show that we have a busy website with around 80+ visits from you the members each day. So maybe it was worth the effort I put in converting it after all!
Happy Browsing, Daniel Jenkins.

Daniel Jenkins, Webmaster



SOCIAL DIRECTOR

No Report for this month

Daniel Jenkins, Social Director

BUILDINGS OFFICER

No report for this month

David Glossop, Buildings Officer

TEAM CAPTAIN

No report for this month

Steve Malcman P&DARCS Team Captain

FACILITIES MANAGER

Tractor Shed Work

Worked in conjunction with Frank McPherson and Peter Harris when they were rewiring the sump pumps, and installing an automatic control box

Daniel Jenkins and I relocated the air compressor and the fresh water pump to a better location, after that we cleaned out the shed and got rid of unwanted rubbish laying around.

The shed was then vacuumed out with my industrial works vacuum cleaner.

After Frank and Peter had finished rewiring the sump pumps we then tested out the system to make sure it works correctly, which it did, now we don't have to manually shut down the sump pumps as the new system does it automatically.

Thanks to Frank on designing and building of the automatic control switch gear for the sump pumps.

Aluminium Cans Recycling

Could members please help out in the recycling of aluminium cans, as I have been taking a rubbish bag or two at a time home to dispose those crushed cans in the recycling bin. The bin does not empty it's self out.

Paul Somerville Facilities Manager

FIELD MANAGER

No report for this month

Norm Morrish Field Manager

REGISTRAR

No Report for this Month

Paul Webber, Registrar

Phone 0417 558 779

Email: Registrar@pdarcs.com.au

SAFETY OFFICER

Refer to the note from the Committee on page 6

Alan Foley Safety Officer

FOR SALE

Ugly stick, great planes model, ARF All fitted out with motor, radio, and controller! no receiver, oh, and battery, \$ 250.00 contact 97023815, or e-mail, dags 18@bigpond.com cheers folks!

Daryl Cope

A NOTE FROM YOUR COMMITTEE ON FLIGHT SAFETY

Once again it has come to the attention of the Committee that some pilots of large or expensive models claim to have sole right to the active runway.

This matter was discussed at length last year and the Committee agreed that this must stop.

Every member has the right to use the active runway no matter who else is flying. If a pilot doesn't wish to fly with other pilots then he must wait until the runway is vacant (or he can land). On no account should any pilot tell other pilots to wait until he has landed or claims to be the 'next in line'.

If a pilot wishes to perform a maiden flight on an aircraft then he can request other pilots to let him fly solo for the maiden flight.

When other people are flying on the active runway, no 3D flying (eg hovering) is to be performed. Everyone is to fly circuits. Normal loops & roles are fine provided a circuit is maintained.

Pilots must call their intentions for low passes, landings and take-offs. The purpose of this rule is so that everyone on the flight line knows what's happening around them & don't get startled if a model suddenly appears. When you're flying, you're watching your model in the sky. You cannot see if someone else is about to land.

3D flying, multicopters and small aircraft should be flown on the non-active strip and must never cross the active runway.

P&DARCS CALENDAR FOR 2013

Date	Day	Confirmed?	Location	Details
October				
5 th	Sat	Yes	Burley Field	Club Meeting & CO-OP AGM
24 th	Thu	Yes	Dingley	Committee Meeting
26 th	Sat	Yes	Burley Field	Bi-Monthly Twi-Fly
November				
2 nd	Sat	Yes	Burley Field	VFSAA Sports Scale Event
3 rd	Sun	Yes	Burley Field	Club Meeting
21 st	Thu	Yes	Burley Field	Committee Meeting (Summer)
December				
1 st	Sun	Yes	Burley Field	APA Pattern
7 th	Sat	Yes	Burley Field	Club Meeting
11 th	Wed	Yes	Burley Field	Annual Dinner & Twi-Fly

Notice of Annual General Meeting Darcsfield Co-operative Limited

The Annual General Meeting of the Society will be held at the P&DARCS Club 30 Fowler Rd Cardinia VIC 3978 at 1pm **Saturday 5th October 2013.**

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 M. Norton are retiring as directors as required by the rules and offer themselves for re-election.
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 Secretary
Darcsfield Co-operative Limited
58 Baker Road
HARKAWAY VIC 3806

NOTICE OF SPECIAL GENERAL MEETING

Pakenham and District Aircraft Radio Control Society Inc.
A0027172K

A Special General Meeting of the Pakenham and District Aircraft Radio Control Society Inc. A0027172K ("the Association") will be held at "Burley Field" Wenn Rd. Cardinia on 5th October after the Club General Meeting (which starts at 1PM)

All members entitled to vote are invited to attend.

Agenda

Special Resolution

Members of the Association intend to consider and if thought fit, adopt the following as a Special Resolution of the Association:

"That the Association adopt the document entitled 'The Constitution of the Pakenham & District Aircraft Radio Control Society Inc.' attached to this Notice of Meeting as the Association Constitution".

The Constitution proposed to be adopted by the Association may be inspected by downloading them from <http://pdarcs.com.au/proposed-constitution> or by telephoning Daniel Jenkins, P&DARCS Social Officer on 0412 44 5509 to organise viewing.

Authorised
Bill Reynolds, P&DARCS President



Proposed Constitution Available on the Association's website at
<http://pdarcs.com.au/proposed-constitution>

Andrew Mysliborski's Fieseler Storch

The Fieseler Fi 156 Storch was one of the most iconic aircraft to serve in the Luftwaffe, seeing service in every German theatre of conflict during WW2. To this day it is still considered to be one of the best STOL (Short takeoff and landing) designs of all time. As a liaison and observation platform it was second to none out performing every allied counterpart with both its rugged construction, reliability and performance. More importantly, it displays excellent slow flying capabilities. Flying with ease over many a battle field for sustained periods of time with its slow flying speed actually being one of its major defensive measures. It simply flew too low and slow for allied pilots to shoot it down!

ARF Specifications :

Length: 835mm, Flying Weight: 865g-880g, Wing Area: 17.3dm², Motor: 3530 NTM Brushless Outrunner 1100kv, Prop: 10x6, Servos: HXT900 9g x 6, ESC: 25A Turnigy w/BEC, Wingspan: 1154mm



TOOLS AND HOW TO USE THEM, EXPLAINED

A gem of Information from David Walsh

SKILSAW :

A portable cutting tool used to make boards too short



BELT SANDER:

An electric sanding tool commonly used to convert minor touch-up jobs into major refinishing jobs.



ROTARY WIRE BRUSH:

Cleans paint off bolts and then throws them somewhere under the workbench with the speed of light. Also removes fingerprints and hard-earned calluses from fingers in about the time it takes you to say, 'Oh shit'.



DRILL PRESS:

A tall upright machine useful for suddenly snatching flat metal bar stock out of your hands so that it smacks you in the chest and flings your beer across the room, denting the freshly-painted project which you had carefully set in the corner where nothing could get to it.



MULTI GRIPS:

Used to round off bolt heads. Sometimes used in the Creation of blood blisters



TABLE SAW:

A large stationary power tool commonly used to launch wood projectiles for testing wall integrity.

Very effective for digit removal!



SPEED MACHINES

By Richard (Dick) Ryland

Spacecraft

With the SR-71 Blackbird we came to the end of the aircraft speed record holders. However new speed records have been set at almost unbelievable levels by another type of vehicle; spacecraft. It takes extraordinary levels of energy and engineering to escape the gravity of this planet.

The Space Shuttle.

At launch, the Space Shuttle carried 800 tons, **800 tons**, of fuel! All of the liquid fuel was pumped through massive 43 cm fuel lines by turbo pumps which each produced 28,000 horsepower, and that's just the fuel pumps!

Each of the Shuttles three main engines produced 23,000 horsepower, and each solid fuel booster produced 22,000,000 horsepower while using up 5 tons of fuel per second. No, that's not a misprint.....each *did* produce twenty two million horsepower! That would make the family sedan get up and go wouldn't it?



All this is to accelerate the spacecraft to the speed needed to stop the spacecraft falling back to Earth

When the fuel is used up, that speed being 28,000 kph. What an incredible speed and it is maintained as the craft orbits around the Earth.

That speed had to be reached by the time the Shuttle got to its operating height, approximately 115 to 300 miles high. Not very high really, at most half the distance from Melbourne to Sydney! So, the Shuttle had to accelerate from 0 to 28,000 kph in just eight minutes and 115 miles. Some hot rod!



On lift off the Shuttle looked almost laborious as it rose from the pad but that was an illusion just as Jumbo jets look to be flying so slowly as they circle the airport at 100 mph. In fact the Shuttle was already doing 100 mph as it cleared the support tower. Still doesn't sound right but remember it had to be traveling at 28,000 kph in just eight minutes time, there was no time to waste! A Shuttle pilot put it this way, 'That thing really gets up and going!'.

The highest speed reached so far by a manned spacecraft was the *25,000 mph* needed to get entirely away from Earth's gravity in order to head off to the moon. This was achieved by the 363 ft tall Saturn V rocket carrying the Apollo and lunar landing spacecraft. Unfortunately there is no space to detail that achievement here, an achievement before even the pocket calculator had been invented!

Not exactly aircraft by the usual definitions but the many rocket powered spacecraft set incredible new speed records; so far, the ultimate Speed Machines!





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For more information please contact:
 Rob Dorrat on 0417 123 191 or rob@dorrat.com

**Next Club Meeting, and Coop AGM, Saturday October 5th
 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

