



P&DARCS

Pakenham and District Aircraft Radio Control Society



P&DARCS NEWSLETTER MAY 2022



Our new front entrance, from Fowler Road, sporting replacement decorative railing

Original design: **David Law**, procurement: **Ivan Chiselett**, installation: **Norm Morrish, Chris Eeles, and Alex Schuboch**, job completed Friday 22nd, (small post on left is our phone' landline connection)

Report and more photos on page 11

Next Club Meeting, Saturday 7th MAY, 1pm

BURLEY FIELD

Wenn Road Cardinia

www.pdarcs.com.au

P.O.Box 131, MDC
Cranbourne 3977

Field Telephone Number :
(03)-59 98 8431

President

Keith Quigg 0448 749 865
president@pdarcs.com.au

Vice President

Neil Addicott 0417 551 943
vicepresident@pdarcs.com.au

Secretary

Ivan Chiselett 9898 4379
secretary@pdarcs.com.au

Treasurer

Peter Harris 0425 857 152
treasurer@pdarcs.com.au

Registrar

Steve Malcman 0410 464 186
registrar@pdarcs.com.au

Field Manager

Craig Fitzsimons 0409 161 544
fieldmanager@pdarcs.com.au

Editor

Frank McPherson 0438 530 818
editor@pdarcs.com.au

Webmaster

Daniel Jenkins 0412 44 55 09
webmaster@pdarcs.com.au

Safety Officer

Glen Cossor 0419 359 142
safety@pdarcs.com.au

Facilities Manager

Norm Morrish 0418 586 406
facilities@pdarcs.com.au

Social Officer

Don White 9560 2726
social@pdarcs.com.au

Ordinary Members of the Committee

David Law 0411 605 550
dlaw@pdarcs.com.au

Chief Flying Instructor

Keith Quigg 0448 749 865
cfi@pdarcs.com.au

Editorial Submissions to

editor@pdarcs.com.au

EDITOR'S BIT

An Older Model

A few Months back I bought a P&DARCS Fun Fly model
From David Glossop, a prolific builder of this type of model

The original design was by Barry May around 1994, Barry called it a
Fun Fly 40

Barry was President of our Club from 1996 to 1998

David G', enlarged the original size by about 50%, so David
suggests to now call it a Fun Fly 60, he built his one about 2015

I like these older design models, they have a large wing area, and a
long tail moment, making for gentle aerobatic performance, and
easy landing, (for a tail dragger), I now have 3 of them, in various
sizes, a mini squadron !

Now converted to electric power, 100 amp Spectrum ESC, Himark,
5020- 510, 6S 5000 LiPO, 13 x 8 prop'

David G says the models converted to electric power, have gone
across to " **THE DARK SIDE** "



The P&DARCS Fun Fly 60e

Frank McPherson Editor.

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A BIT OF HUMOR



Came from Cliff Mcl



VMAA Trophy

25TH To 26TH June 2022
To be held at P&DARCS
Burley Field Cardinia



Please note the VMAA Trophy has been rescheduled to the 25TH – 26TH of June. This has been necessary as the MAAA have set the original date advertised for their Annual Conference.

We are hoping for more clubs to be involved this year. The event is always hotly contested and we are looking forward to hosting this prestigious contest in June. There are two months to get our team finalised and have a little practice.

let's see if we can take the Trophy back again for the sixth consecutive year. The event is always very interesting and very enjoyable.

It's our intention to have entrants in all nine events. The helicopter and drone events have been eliminated this year due to a lack of interest in these events over the past couple of years. We are looking forward to having a good role up of club members for the weekend to support the team and assist as mechanics, time keepers and judges. It's always a great event with lots of fun, good entertainment and excellent comraderie and the occasional good-humoured sledging.

There are usually a number of participants that stay overnight on Saturday and a dinner will be provided for those that book. Please note, if you are staying in you van or trailer at the field you are most welcome however there are no power sites available.

Events include: -

- Combat
- Scale Aerobatics
- Bomb Drop
- Thermal Glider.
- Fun Scale
- Electric Glider
- Fun Fly
- Sports Limbo
- Musical Landings.

Please contact Team Captain Peter Harris if you are interested in participating in the event either as a contestant or as one of the support team. The events will be run to the same rules that were in place at last years contest.

VMAA TEAM CAPTAIN

Peter Harris

0425 857 152.

NOTICES

Risk Assessment

A risk assessment has now been completed and accepted by the committee

The assessment covers: -

Assessment of Safety issues relating to: -

Model flight procedures

Condition of the property

Entry to the Machinery Shed.

Operation of club machinery and equipment.

Developed from the Risk Assessment a set of policy Statements and Conclusion have been stated that set safety requirements to be used in the training programs established within the club.

This document is now published on the club website under About P&DARCS -->Safety & Rules

Or under the link

<https://www.pdarcs.com.au/officialdocs>

This is a document that needs to be continually under review as additional safety issues become evident.

A projects list has also been completed which lists both development projects and safety items that need to be completed or require attention.

Agenda item for the May General meeting;

The budget for the year 2022/23 will be submitted to members at the May General meeting for approval.

Peter Harris Treasurer

NOTICE OF SPECIAL GENERAL MEETING

Pakenham & District Aircraft Radio Control Society Inc. A0027172K, ABN 67 455 447 450

A Special General Meeting of Pakenham & District Aircraft Radio Control Society Inc A0027172K ABN 67 455 447 450 ("the Association") will be held at P&DARCS, Burley Field, Cardinia on 4th June 2022 following the Club Meeting

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 document entitled 'Constitution' attached to this Notice of Meeting is approved as the Association Rules and Purposes."

The Constitution proposed to be adopted by the Association may be inspected by downloading a copy from club website at www.pdarcs.com.au/proposed-constitution or at P&DARCS by appointment with a Committee member

Authorised
Ivan Chiselett
P&DARCS Secretary

PRESIDENT'S REPORT

Welcome everyone to the May edition of the P&DARCS newsletter.

As we would all be aware, your committee made the decision to lift all remaining COVID conditions of entry last week in line with changes in the state government health policy. This is not only great news for our club, but it means that as a community we can now start to put behind us a period of our lifetime that we would all much rather forget. Whilst the club weathered a minority of critics, the overwhelming majority of our members supported the tough decisions. In addition, our membership has grown significantly during that period. Another 21 probationary members will be offered full membership shares to P&DARCS in this quarter.

More good news rolling on from the last general club meeting held at the fields was the support to move into the next phase of the redevelopment of Burley Field. The sub committee is still finalizing important details regarding the type of grass seed to be employed and discussions have been held with both the VMAA and the MAAA on the best way to present our case for loan funds to complete the work. Exciting times ahead.

In regard to the last general meeting, it was encouraging to see larger numbers attending. What this means is that more people get to have a say in the running of the club and discuss items that need to be addressed. I hope this trend can continue.

In other sections of this newsletter, you will see some details on the ANZAC Day commemorative event that was held at our field. Not only was this event widely supported by our members, but we had a large contingent of families and visitors there as well. I had the pleasure of meeting a long time DARCS member, Kenneth Barnes. Ken (still a current shareholder) was one of the original club members and began his flying career at the Police Paddocks site before it relocated to Burley Field.

Renovation works to the front gate have been completed by Norm Morrish, Chris Eales and Alex Subotsch. Some new signage is on the way to compliment it and that will be in place as soon as possible. Great work to enhance the entrance to the club from these guys.

In a few short months, the current Australian Scale team will travel to Norway to compete in the world championships. Our club members Melissa Law (F4H), David Law (F4C), Noel Whitehead (F4C) and Greg Lepp (F4H and team manager), will represent the country at the highest level of scale competition. With success already under their belts from previous championships, I am certain everyone will join me in offering the team all the best for their upcoming efforts. Competing in competitions at this level demands a significant commitment both in training and financial terms. Add to that the logistics of packing a unique, large-scale model into a suitable box and be without that model for three weeks while it is in transit, the enormity of the task soon becomes apparent. There is a Facebook group that has been set up to track their progress as things get under way in July of this year. Best of luck to the team.

Enough from me, enjoy the rest of the newsletter and I hope to see everyone at the flying field.

Clear skies to all

Keith Quigg President
AUS 22897

SECRETARY'S REPORT

Summary of April Committee Meeting

The Club's committee met on Thursday night April 21st 2022 via Zoom. Some of the items considered are noted below;

- VMAA Trophy date has been shifted due to clash with the MAAA Council Conference. It is now being held on June 25 & 26th at our club field. Club Captain still looking for members for the team and helpers to run the event.
- The refurbishment of the front entrance has been completed.
- Covid rules for club relaxed. Details on the Club web site.
- 3 new member application were received during the month.
- Club needs to consider how to handle our catering needs at events.
- May 15 approved for a Scale Group training day. The Field is not closed and our members are most welcome to participate.
- April 25th Twi-fly cancelled due to clash with Warbird day.
- The review of the Club Constitution has been completed and will be submitted to the members for approval.
- Quote for alteration of the fence around the raised ground near the old windmill site was obtained by Norm.
- Approval given for a visit during the week by a Probus club. Date to be fixed.
- President investigating possible Member awards.
- The club by-law changes were approved at the last general meeting and the web site and records have been altered to suit.
- The budget for the 2022/23 year was approved by the committee and will now be presented to the members for their approval.

Minutes of the P&DARCS General Meeting held on Saturday April 8th at Burley Field

Meeting to open at: 1:00pm

Chair of meeting: President, Keith Quigg

Members Present; 36

Apologies: David Glossop, Darryl Slade & Bruce Smith.

Visitors; Nil

Minutes of previous Meeting:

It should be noted that the March meeting was not held due to there being no quorum present.

Motion that the minutes of the previous meeting (February) be accepted. Moved Simon Ventevogal Seconded Alex Subotsch. **CARRIED**

Business Arising from Previous Minutes; Nil

Reports

President: As printed in Newsletter

Secretary: As printed in Newsletter

Treasurer: The Treasurer updated the members on the financial state of the Club. Treasurer moved his report be accepted. Seconded Steve Malcman **CARRIED**

Registrar: As printed in Newsletter, 1 New member application recently received.

Field Manager: As printed in Newsletter

Facilities Manager: Front gate materials have been delivered and work to install it will commence very soon. The Secretary noted thanks to member Brian Raw who collected the material and delivered it to the club with his truck.

Safety Officer: Absent.

Editor; Request for photos and articles for the Newsletter.

Webmaster: Daniel noted that he has replaced a security camera that stopped working.

Social Secretary: Absent.

Club Captain: The VMAA Trophy event date has to be changed as the revised date clashes with a competition date that was locked in some time ago. We are still waiting for the date to be advised.

Chief Flying Instructor; Nil

Future Planning Sub Committee; See general business.

General Business

1. Appointment of Club Auditor;

John Van de Waterbeemd has been nominated to be the Club Auditor. There were no other nominations.

The Alex Subotsch moved the motion; "John Van de Waterbeemd be appointed Club Auditor", seconded by Steve Malcman. **CARRIED**

2. Club Constitution Revision;

The Committee has been working on a revision of the Club Constitution and will be submitting the revised constitution to the members at the May General meeting.

Daniel Jenkins advise the meeting that the revised Constitution will be submitted to the members and will be voted on at a Special General Meeting which will be held at the same time as the May General meeting

3. Change of Club By-Laws.

The Committee proposes that the Club By-Law 2.1.8 be altered to reflect that the discount offered for the "up front purchase" of a Club share package be changed from the current 100% to 50%.
2.1.8. If the Probationary Member is offered Full Membership as per the P&DARCS Constitution Rule 8 & elects to pay the share outright, they may be offered free club membership for a period of 6 months at the Committee's discretion.

The motion; To amend the Club By-Laws by the published revision be adopted was moved by Rob Barbuto seconded by Bill Reynolds **CARRIED**

4. Revision of Club Covid Policy

There was general discussion regarding the current situation concerning Covid rules. It was noted that there were some members of the club that were disenfranchised by the current "double tax" policy. It was noted that the Gov guidelines/Rules were very confusing.

It was noted that there is advice that in the very near future the Gov will be publishing a revised Covid Guidelines/Rules. It was noted that the Yarra Valley Club that removed all restrictions. It was agreed that the requirement for QR codes could be dropped.

Norm Morrish moved "we hold off any decision until the Gov. publishes there new guidelines unless the date of release exceeds the date of club renewal." Seconded by Alex Subotsch. **CARRIED**

It was suggested that a sign noting that only "Fully Vaccinated" persons are permitted to entered.

5. Brushcutters

Craig reported that the current club machines were unserviceable and needed to be replaced. He moved that the Club allocate \$1,300 for the purchase of 2 Husqvana Brushcutters. Seconded by Anthony Sisley **CARRIED**

6. Planning Sub-committee Report

Neil Addicott gave a presentation from the Planning Sub-committee. He noted that they considered the runways to be an area that could be improved. He noted that David Law knew of persons with experience in this area and these were contacted by the sub-committee.

He noted that the people inspected our facility and noted that they considered that they could fix the runways. They considered that to do the Eastern Runway it would cost in the vicinity of \$42,000 and \$150,000 to do all the runways. Their proposal was basically importing and spreading about 170mm of soil and rolling, levelling and seeding.

It was proposed that the eastern runway be done first to ensure that the works did what was planned before proceeding to do all the runways.

Norm Morrish noted that where top soil had been placed and reseeded the results were quite good and he supported the proposal.

There were suggestions from the floor identifying bitumen. There were several that noted that this was very expensive and would be prone to braking up.

In light of the cost of the proposed upgrade the question was asked why do we need 30 Metres wide runways?

Ivan Chiselett supported proceeding with the watering system as he believes that installing it would reduce the cracking and promote grass growth. He did not consider that it would be impacted by any runway development earth works. He considered that if the club did not proceed with the watering scheme the funds should be returned to the VMAA.

Daniel suggested that we write to VMAA requesting permission to defer the irrigation system due to the possibility of runway works.

Andrew Smallridge noted that the club members had voted to remove the pilot barrier and install the watering system and if we want change that then the members should have the option to vote for deferment or not.

The motion "the Sub-committee proceed with the investigation to improving the runways and due to the possibility of the works interfering the planned move of the pilot barrier and installing the new irrigation system be put on hold until October" was moved by David Law and seconded by Rob Barbuto.

CARRIED

Meeting closed at 2:25pm

Ivan Chiselett Secretary

REGISTRAR'S REPORT MAY 2022

Is your model aircraft membership card material???

The P&DARCS Committee are looking for a photo of a scale model to be featured on our club membership card for the next year. If you have a model that you think fits the card, then please email in your photo's and include some details of the model to

registrar@pdarcs.com.au

Model Requirements:

1. Must be owned by a club member
2. Scratch or Kit build (No ARF's)
3. A high quality image/photo of the aircraft in flight.

New Member Applications

This month we have had three new applications for membership.

Mark Tatti, Launching Place – Probationary member
Lisa Cole, Cranbourne – Probationary Spouse member
Gary Tatti, Silvan – Probationary member

Please introduce yourselves to Mark, Lisa and Gary when you see them down at the club.

Any objections to a 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

The following members have completed 6 months Probationary Membership and are entitled to be offered Full membership.

Brodie Alexander, Theodore Arvanitakis, Craig Baverey, Jack Bhalla, Ray Chivers, Bruce Clarke, James Cregeen, Joshua Cunningham, Jacopo Dall'Acqua, Robert Darby, Chi Dinh, Glen Dunston, Frank Laguda, Peter Mack, Paul Marlan, John Quayle, Andrew Richards, Paul Richardson, Ian Slack, Grant Spriggs and Richard Wiggan.

Any objections to these membership upgrades may be raised by sending an official objection in writing to the Secretary. Note that only FULL members have the right to raise an objection.

Membership Renewals

Renewal time is almost here! We will be sending renewal forms to you next month – will they get to you? Please ensure that I have updated mailing addresses where necessary as this will save delays and multiple mailings.

Membership statistics

	Paid 21-22	Unpaid	Last Year
Associate	17	4	19
Full	108	3	100
Honorary	0	0	2
Junior	6	2	6
Life	3	0	3
Non-flying Full	0	0	0
Pensioner	16	4	22
Probationary	26	0	18
Prospective	4	0	0
Student	0	0	0
Spouse	1	0	1
TOTAL	181	13	171

Are you interested in Scale Aerobatics???

The Australian Scale Aerobatics Association will be holding an IMAC event at our club over the weekend of the 28th and 29th May. I have included a full page advert in this newsletter. If you are interested in IMAC or are considering giving it a go, then please reach out to me. The ASAA welcomes visitors and I encourage our members to come and see what we do. **See also IMAC Flyer on page 12**

Steve Malcman Registrar

registrar@pdarcs.com.au

Mobile 0410 464 186

FACILITIES MANAGERS REPORT

September 2021

Hello members, I am so happy to see our club is now back to normal with covid restrictions removed. We have replaced the entry gate rotted timbers with metal colourbond panels and we will get new signs and paint the entry gate. It has certainly improved our entry. Big thanks to Dave Law for thinking about using metal panels and for Ivan sourcing them. Chris Eeles and Alex Subotsch helped me to replace them. Great team work guys.

Norm Morrish Facilities Manager



Chris Eeles making final touches to the Eastern side



The Western side, finished, signage to come



P&DARCS

Pakenham and District Aircraft Radio Control Society



May 28th and 29th

**Pakenham And District Aircraft
Radio Control Society**

Are you interested in IMAC?

All newcomers are welcome!

**To Enter, Visit
www.scaleaeros.com.au**



For more Information, Contact Stevie Malcman

smalcman@iinet.net.au

Mobile 0410 464 186





VIC SCALE PRACTICE DAY

15TH MAY @ P&DARCS

No competition on the day, but Vic Scale committee on hand to help you:

Plan your flying schedule

Talk you through manoeuvres

Call and provide guidance while you practice your schedule

Answer any questions you have about scale competition

Help with flight positioning and timing

**This is great opportunity to come down and see what flying a full schedule
is like without the pressure of competition with support and guidance**

The Vic scale group run several competitions throughout the year. Their major event is the Vic scale trophy that is traditionally held at the Shepparton club on the queen's birthday weekend in June each year. The classes flown in our yearly events are the FAI (international rules) F4C, F4H classes and our Australian flying only class. These three classes cater for a large range of pilot expertise and serve well for the beginner through to the expert.

The Vic scale group also hold training days from time to time, and the event planned for May 15th is a training day in preparation for the Vic scale trophy weekend in June.

This is a fabulous opportunity to come along and find out the ins and outs of scale flying.

It is also the perfect opportunity in a relaxed environment to critique your flying and routine.

Please attend the training day with the aim to enter the Vic scale trophy weekend in June.

David Law

ANZAC DAY

Some photos of models on the day



BUILDING PROJECT RYAN ST

By Peter Harris

I was looking for a project to build a small-scale model to make additional use of the 2200mah 3cell batteries I was using in my Solius Glider.

Found a plan on the internet for a 20 size RYAN ST designed and drawn by Dick Fischer from RCM magazine issue 03-69 with the following specifications: -

Span 50in Weight 48oz (1360g)
Engine size .15 - .19.



Ryan ST DM2220 KV1100 Taranis Plus Radio

Then came the selection of the power plant and speed controller. As this was my first transition into the wonders of electric flight this took some head scratching and pondering. I ended up with the following Motor.

MotrolFly 2220

KV 1100

3 Cell

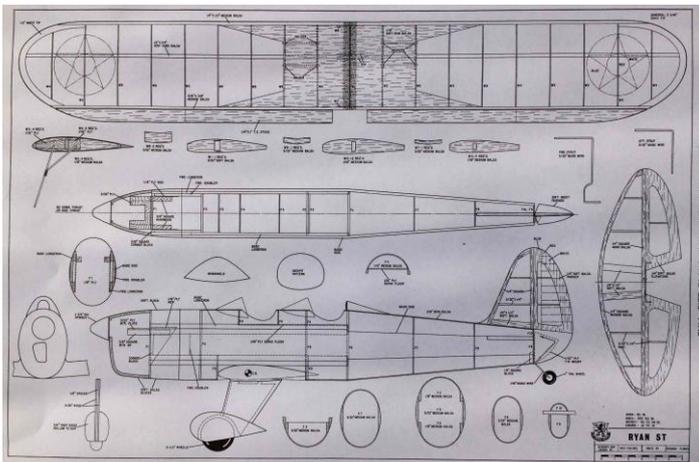
Maximum Current 20A &

Power 200W.

9 x 6E Propeller.

This gives a theoretical RPM of about 12,000

The recommendations for this motor were for a scale model of < 1.8kg or for an Aerobatic model of < 1.1kg



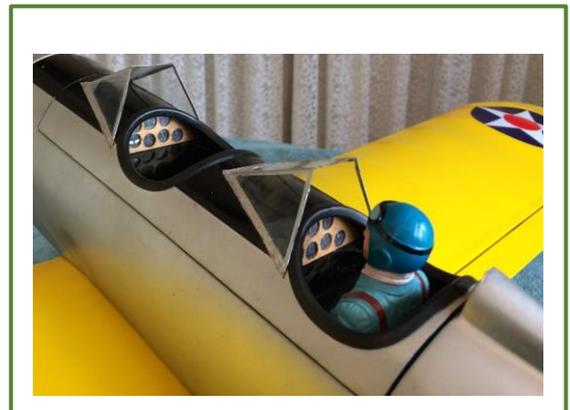
A little concerned about the relative power required for the transition from a 20 size IC motor to the selected electric motor, I ended up printing the plan at 90% of original size giving a wing span of 45 inches (1150mm).

A little concerned about the relative power required for the transition from a 20 size IC motor to the selected electric motor, I ended up printing the plan at 90% of original size giving a wing span of 45 inches (1150mm).

The process was then to redesign the fuselage & firewall for the electric motor installation, design a cradle for the battery to be able to slide somewhere between the firewall and the back cockpit, create a hatch on the top of the fuselage which houses the two cockpits and allow for good airflow around the speed controller and battery area. It was by no means a beginner's project.

A little concerned about the relative power required for the transition from a 20 size IC motor to the selected electric motor, I ended up printing the plan at 90% of original size giving a wing span of 45 inches (1150mm).
Wing Span 45in (1150mm) Flying weight 42oz. (1.2kg)

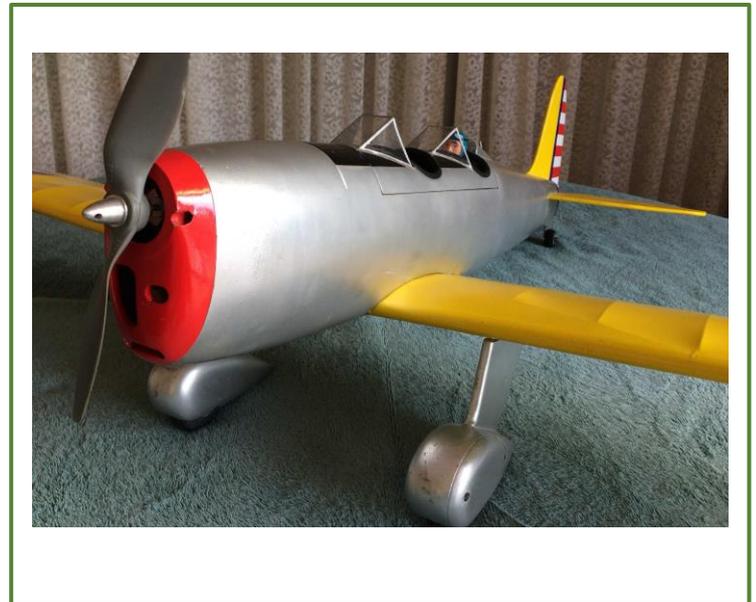
Wing Loading 20oz/Sq Ft (61gms/Sq decimetre)



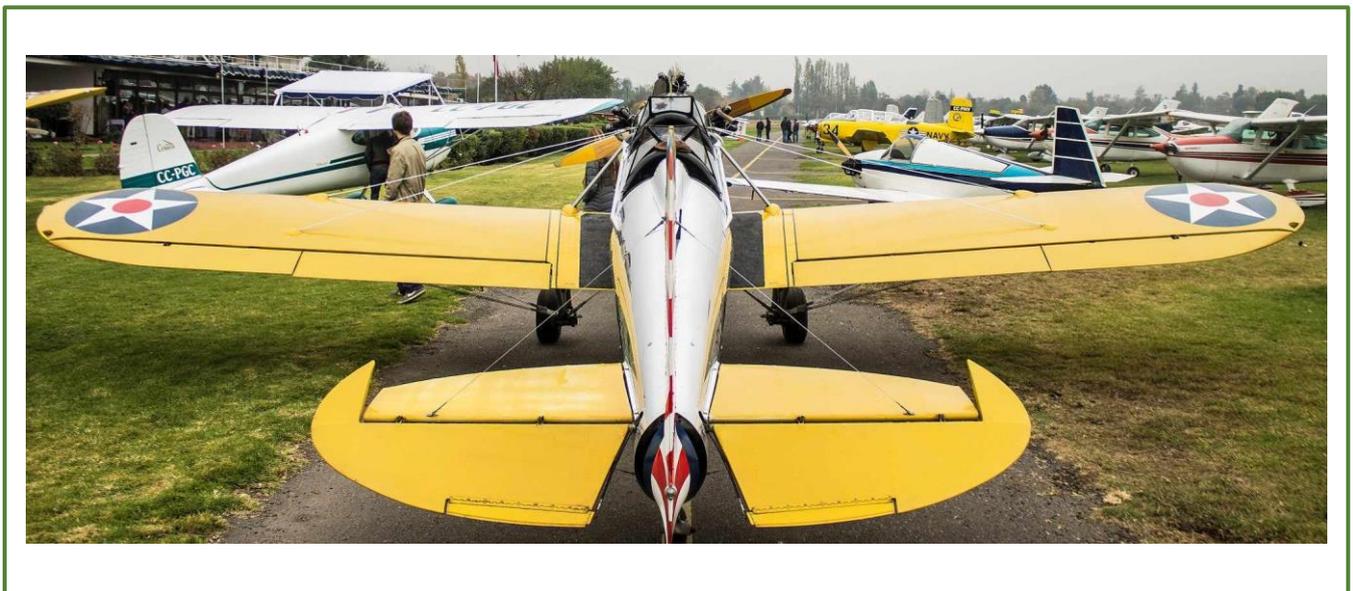
The model was largely built from balsa packs that were part of the pilot's goodies bags from the scratch-built rally and from other scrap materials lying around the building room. Even all the paint was left over from other projects. About the only items that were required to be purchased included the motor, prop assembly, speed controller and three small servos.

The aircraft is standard balsa and light ply construction. The wing is covered in Koverall and the fuselage is covered in ¼ oz fibreglass applied with dope. The silver is an aluminium paint and after two years has still not hardened. Just as well there is no fuel.

The power plant easily copes with the size and weight of the model and it cruises nicely on about 60% power. Seven-minute flight times are comfortably achieved with the 2200mah 3 cell batteries. Carrying a bit of weight gives good penetration on those stronger windy days but you need to be a bit aware of the slightly shorter flight time.



As with other small-scale models you need to fly the model all the time and be aware of your landing speed. As with most electric models you need to be careful applying throttle on take-off due to the high torque on application of the throttle. I've been flying the model for about two years now and it has certainly been well worth the time and effort building this plane



When the Ryan ST first flew in 1934, it shared a sky filled for the most part by wood and cloth biplanes. Its appearance marked the end of the biplane era and signaled the beginning of the sleek, streamlined monoplanes. Wealthy sportsman pilots were quick to appreciate the racy good looks and flashing performance of the ST, and most of the 181 airplanes built found homes among private owners. A few Ryan ST's were purchased by the US Army and dubbed YPT-16. These aircraft had the distinction of being the first low-wing monoplane trainers used by the Air Corps.

Peter Harris

Re-designer
Builder
Painter
Pilot

P&DARCS CALENDAR FOR 2022

May

- 07 (Sat) 1:00 pm - 3:00 pm [Club Meeting](#)
15 (Sun) [VFSAA Scale Event](#) Field Open: **Partial**
19 (Thu) 7:30 pm - 9:30 pm [Committee Meeting](#)
28 (Sat) - 29 (Sun) [P&DARCS IMAC](#) Field Open: **Partial**

June

- 04 (Sat) 1:00 pm - 3:00 pm [Club Meeting](#)
04 (Sat) 2:00 pm - 3:00 pm [Special General Meeting](#)
23 (Thu) 7:30 pm - 9:30 pm [Committee Meeting](#)
25 (Sat) - 26 (Sun) [VMAA Trophy](#) Field Open: **No**

July

- 02 (Sat) 1:00 pm - 3:00 pm [Club Meeting](#)
21 (Thu) 7:30 pm - 9:30 pm [Committee Meeting](#)

August

- 06 (Sat) 1:00 pm - 3:00 pm [Club Meeting & P&DARCS AGM](#)
18 (Thu) 7:30 pm - 9:30 pm [Committee Meeting](#)

September

- 03 (Sat) 1:00 pm - 3:00 pm [Club Meeting](#)
22 (Thu) 7:30 pm - 9:30 pm [Committee Meeting](#)

October

- 01 (Sat) 1:00 pm - 3:00 pm [Club Meeting & Coop AGM](#)
20 (Thu) 7:30 pm - 9:30 pm [Committee Meeting](#)
22 (Sat) 10:00 am - 3:00 pm [Spring Clean Working Bee](#) Field Open: **No**

November

- 01 (Tue) [Melbourne Cup Aero Tow](#)
05 (Sat) 1:00 pm - 3:00 pm [Club Meeting](#)
05 (Sat) 2:00 pm - 4:00 pm [Mini Working Bee for Rally](#) Field Open: **No**
06 (Sun) [P&DARCS Scratch / Kit Built Scale Rally](#) Field Open: **No**
17 (Thu) 7:30 pm - 9:30 pm [Committee Meeting](#)

December

- 03 (Sat) 1:00 pm - 3:00 pm [Club Meeting](#)
04 (Sun) [VPA Pattern](#) Field Open: **Partial**
10 (Sat) 1:00 pm - 4:00 pm [Christmas BBQ](#)



www.holkrc.com.au
Laser cut kits and modeling accessories



Dragon R.C.
Dragonrc.com.au

www.balsacentral.com.au
For your balsa supplies

Next Club Meeting, Saturday 7th MAY, 1pm