



TINGALPA TRANSMITTER

TINGALPA MODEL AERO CLUB NEWSLETTER

OCTOBER 2018

MANAGEMENT COMMITTEE

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Will Sipma Pat Wilson

Noel Wilson Lyn Wilson

TMAC LIFE MEMBERS

Kevin Dodd Noel Wilson

Will Sipma

HEAVY MODEL INSPECTORS (FW25)

Ian Howard Noel Stewart

Phil Collings Ian Sheather

Andrew Tisdall Gary McCoy

Chris Paterson

TMAC LIFE MEMBERS TROPHY HOLDER

Rob Dobbie

BUSTER DANVERS TROPHY HOLDER

Barry Lenthall

HEAVY & GIANT MODEL INSPECTORS (FW25/FW50)

Kevin Dodd Noel Stewart

Phil Collings Tyson Dodd

Richard Symes

MAAA INSTRUCTORS

Commercial Flight Instructors

Noel Stewart 0412 525 127

Will Sipma 0409 852 694

Rotary and Fixed Wing

Dennis Greenfield 0424 005 820

Fixed Wing

Nicholas Leahy Peter Spink

Dave Morrison Randall Mowlam

Aaron O'Neil

Hobby Expo 2018



After nine months of preparation, TMAC's premier club event for 2018 has come and gone in style.

Where do I start with the thanks? I guess I can only start with thanking all the club members who assisted with the setting up on the Saturday and the dismantling on Sunday. Without you I would be lost and the grounds would not look as good without your assistance. I also must thank Noel Stewart, Dave Stewart, Dave Walker and Alan Matfin for the preparation of Porter Field. I got nothing but praise from a couple of groundkeepers on the condition of Porter Field.

Thanks to Wil Sipma for organising the helper's dinner on Saturday night. It was very yummy and Wil and I hope you can do it again next year.

Thanks, the Bayside Car Club, Craig (Ferret Patrol Vehicle), Wil (Jumping Castle) & the Carindale PCYC for their displays and assistance on the day. It feels good when invited clubs approach you and ask if they can be invited back for next year. You know you have done a good job.

I thank all the visiting pilots and TMAC pilots for their attendance and static displays on the day. What a great variety of planes were put on display. You all put on what I feel was the best aerial display for the public. I only hope that you all come back next year. I walked around amongst the crowd and I heard lots of people saying what a great display that you guys put on.

Thanks to Hugh with his steam train. It was a shame that the tank and truck club at the last minute. It looks so good last year with the train amongst them. Thanks also to Lachlan for organising the huge R/C cars. Thanks to The Red Car Club for their continued support.

What a great job Adrian did with the PA announcements. It was quite informative for the public. Thanks to Adrian, Gregor and the team for your great work on the broadcast.

Thanks to Lois Collings and her boys for doing the raffle. Angel Flight has only thanks for the monies raised on the day.

All I can say now is a huge thanks to Phil Collings and Randall Mowlan for the fantastic effort and display that you guys put on. Without you guys organising the pilots in the way you did, I don't think it would have looked half as good. The general public came to see the display that the pilots/planes put on and you didn't let them down. Looks like if I get the coordinators job next year, I will have to get down on my knees and beg you to do it again.

Last but not least, thanks to Lyn Wilson and Russell Cadrow for what can only be described as a massive effort in the canteen. They worked not only their fingers to the bones but also their bottoms off. Lyn had a great variety of foods and drinks available to the public. I only ask that next year, the club can supply a few more people to assist in there to give them a break. They both worked from the beginning to the end without a break. Thanks Lyn and Russell again for your massive effort.

I can't miss out thanking the Brisbane City Council for their financial assistance for the 2018 TMAC Hobby Expo and Cr. Ryan for doing the official opening.

Once again, I thank everyone and everybody for making the 2018 TMAC Hobby Expo the great success it was.

Pat Wilson-Event Coordinator

TMAC Calendar - October to December 2018

MONTH	DATE	EVENT TYPE	EVENT DETAILS	CO-ORDINATOR
October, 2018	Wed 3	Meeting	General Meeting (7.30pm Carina Leagues Club) Committee Meeting (6.30pm Carina Leagues Club)	Secretary m: 0407 070 263
	Sat 6	Non-flying Event	MAAA Instructor's Re-fresher Course (Salisbury Hotel 9:00-4:00)	Dennis Greenfield m: 0424 005 820
	Fri 12	Night Event	INDOOR FLYING (Chandler Sports Centre 7.00pm - 10.00pm) (2nd Friday of the month)	Phil Collings m: 0419 768 490
	Sat 13	Maintenance	Working Bee (Porter Field 7.00am-10am)	Noel Stewart m: 0447 719 871
	Sun 14	Event	QTF/JETS OVER BRISBANE (Porter field 8.00am-2.00pm)	Tyson Dodd m: 0417 727 981
	Sat 20	Event	QUTAS Have-a-Go Day (Porter Field 8:00am-12:00pm)	George Atkinson e: cfi@exemail.com.au
	Sat 20	Overseas Event	ALLAN DANVERS CHALLENGE (Norfolk Island)	Will Sipma m: 0409 852 694
	Wed 31	School Event	Calamvale Community College (9.00am-1.00pm) Citipointe Christian College (9.00am-1.00pm)	Chris Patterson m: 0417 700 981
November, 2018	Wed 7	Meeting	General Meeting (7.30pm Carina Leagues Club) Committee Meeting (6.30pm Carina Leagues Club)	Secretary m: 0407 070 263
	Fri 9	Night Event	INDOOR FLYING (Chandler Sports Centre 7.00pm - 10.00pm) (2nd Friday of the month)	Phil Collings m: 0419 768 490
	Sat 17	Maintenance	Working Bee (Porter Field 7.00am-10am)	Noel Stewart m: 0412 525 127
	Sat 17	MAAQ	MAAQ General Meeting (2.00pm-4.00pm Salisbury Hotel)	MAAQ Secretary m: 0408 759 741
	Sun 18	Event	BI-PLANES & WARBIRDS (Porter Field 8.00am-2.00pm) Includes The Dave Summer's Trophy	Phil Collings m: 0419 768 490
	Sun 25	Non-Flying Event	Christmas Dinner (11.00am -2.00pm Porter Field)	Lyn Wilson m: 0417 493 785
	Fri 30	Newsletter	December Tingalpa Transmitter Published	Peter Biddle e: editor@tmac.asn.au
December, 2018	Wed 5	Meeting	General Meeting (7.30pm Carina Leagues Club) Committee Meeting (6.30pm Carina Leagues Club)	Secretary m: 0407 070 263
	Tue 25	Public Holiday	Christmas Day - Field Closed	Secretary m: 0407 070 263

2017-18 President's Report

Annual General Meeting held 5th September 2018

I would like to take this opportunity to thank the 2017-2018 Executive and Committee. As a team to work with they have all contributed to making the TMAC a successful, well run club.

Special thanks to Secretary Phil Gartshore for his ongoing support particularly whilst I was away on leave. Phil has many strings to his bow, he has always been a steady influence in times of change and this has made him an excellent Secretary during his tenure.

Phil has provided an excellent Secretary's Report which covers the TMAC for the 2017 – 2018 year including projects, upcoming projects, events etc.

To all of those members who have contributed to our catering, maintenance, working bees and events in the last year the TMAC could not function without you. Volunteers are the backbone of all clubs, and the more members involved the better our facilities are. The camaraderie created by working together as a team ensures that the TMAC will continue as a healthy entity into the future.

I personally would like to take this opportunity to wish the outgoing executive and committee as well as the incoming executive and committee all of the very best in the 2018 – 2019 year.

I have thoroughly enjoyed my years of serving as President of the TMAC Inc, and all that has been achieved during that period of time.

I look forward to a bright future for our club going forward.

Willem Sipma

Life Members Trophy – Richard Symes

The Life Members' Trophy is presented to a Club member as an award for excellence. The field of achievement is not limited and may include: success in a prestigious aeromodelling event, overcoming a physical handicap to gain aeromodelling skills, voluntary service to the Club, or any other endeavour which describes the recipient as an excellent Club person.

Since his earliest days in the club Richard has striven for excellence in his aeromodelling. In the 30 years since he has joined he has proven that he can compete at the highest level at both State and National championships and, not only compete but do well. He has also won our own prestigious Cpl. Peter Cutler scale award twice and has completed a number of excellent scale projects.

Richard has also been a real asset to the club and to many of its individual members. At club level he has devoted many hours to working bees, organising events and helping others out at events they have organised. He is also very vocal about his support of TMAC and what they have done and accomplished.

At an individual level he has been most generous with his time and expertise all of which has been freely offered. Many a club member has benefited from Richard's efforts with little 'gifts' to their pet project. Be it in terms of that custom cockpit, pilot or final paint job/weathering that takes their plane to the next level.



2017-18 Secretary's Report

TMAC has completed another great year. We have a vigorous Committee that is moving the club forward with a number of improvements. Our membership continues to grow, exceeding 280 last year. In general, the Committee has had to deal with very few member issues this year, which I hope means that members are generally getting along together and feel they are receiving value for their membership dollar.

A warm welcome to all the new members this year; please contact me if there is anything I can do to assist.

Improvements to the field

We have been busy investing in the club facilities this year. Thanks to Will for his never-ending energy on projects. Highlights include:

- Toilet Upgrade. (Completed).
- Touchdown pad in the Rotary Wing area.
- Sprinkler System.
- Mower refurbishing.

Thanks also to Ron Dobbie for persevering with the security systems. This has been a problem child.

Upcoming projects this year include:

- **Strategic Plan.** Subcommittee formed to complete. Will, Phil G, Noel S.
- **Front Gate Signage Replacement** – to be completed in 2018. Will & Phil G.
- **Power Cut-off Relay.** Boom Gate cut off. All external power when closed. Will.
- **Entry Road Maintenance.** Deco and rolling required. Post Amenities Upgrade. Will.
- **Flag Pole Rigging Replacement.** Approved. Phil Collings.
- **Shade over Pilot's Position.** Noel to provide drawings.
- **Toilet Block.** Convert old Shower to Urinal. Will. Sipma.
- **Boundary Fence North.** Replace. Noel Stewart.
- **Boundary Fence East.** Concrete posted into ground. Working bees. Noel S.
- **Security System upgrade.** Ron Dobbie.

Financials

Phil Collings will present the Audited Financial Reports shortly, but suffice to say, TMAC is financially in good shape.

Thanks also to Lois for organising the fund raising sausage sizzle at Bunnings Manly West on Saturday 29th September.

MAAQ

The MAAQ AGM was held at the end of August, and TMAC is well represented by Randall Mowlam (Treasurer/Registrar), and Dennis Greenfield (CFI). Tyson Dodd retires as MAAQ President to take up the position of MAAA Secretary.

TMAC Committee

I am very proud of the effort put in by this Committee. Their tireless work is the reason this club runs so smoothly:

- A big thank-you to **Will Sipma** for his leadership as President again this year. Will has been fair in resolving issues that arise, and his unending energy in completing projects ensures that we all enjoy the club. Will also acts as Liaison officer dealing with government and other external parties.
- Thanks to **Phil Collings** for his steadying hand on the finances, and for working through the handover from the previous Treasurer. This has meant that at times, we have had to defer

projects while our financials recovered. As a result, TMAC continues to be in good shape financially.

- Thanks to **Lois Collings** for her work as Registrar. The Registrar is a very important role, because it ensures that our membership records and fees are tracked and recorded correctly. Lois has worked hard to master the mysteries of the MAAA membership system and get members renewals processed in a timely fashion.
- Thanks to **Raelene James** for her fresh design for the Transmitter. It really made a difference. Raelene is retiring as Editor.
- Thanks to **Anthony Griffiths** for his work maintaining the web site. Anthony quietly keeps the website without most of us even knowing, and always resolves any issues quickly.
- **Other Committee members.** Their assistance includes working on the various improvement projects, preparing grant applications, and helping out the executive when we struggle for time to get things done. Thanks guys for all your assistance this year.
- **Noel Stewart.** He quietly chips in whenever things need to get things done, from welding, to mowing, to safety concerns.
- **Pat and Lyn Wilson.** Caterers extraordinaire, and all their helpers. Your contribution to our girth is appreciated. Also, their work on the commemorative shirts, as well as your hard work organising the Model Expo.
- **Noel Wilson.** The grandfather of the Committee, corporate memory, life member, and all-round cheerful guy to boot.

Events

This year we had more events than slots for them. We restrict events so as not to close the field to general flying more than once per month. Thanks to all those who put in their time to run events this year. There is a huge effort to run these that not all members are necessarily aware of. Special Thanks to:

- **Martin Homann** for running the **Electric & Unusual Model Day** in July 2017
- **Adrian Hellwig** for running the **Dawn Patrol** in August 2017.
- **Pat Wilson** for running the **Model Expo** in September 2017.
- **Tyson Dodd** for hosting the QTF Jets over in October 2017.
- **Will Sipma** for running the **Allan Danvers Challenge** on Norfolk Island in October 2017.
- **Richard Symes** for running the **QPRa Scanner Racing Day in October 2017**
- **Phil Collings** for running the **Bi-planes & Warbirds Day** in November 2017.
- **Pat and Lyn Wilson** for running the **Xmas Party** also in December 2017.
- **Graham Matthews** for running the **Glider Day** in February 2018.
- **Noel Stewart** for running the **SCAF Warbirds Day** in March 2018.
- **Chad Barrett** for running the **EDF Day** in May 2018.
- **Adrian Hellwig** for running the **Peter Cutler Perpetual Trophy** also in June 2017
- **Phil Collings** for running the monthly **Indoor Flying** events at Chandler throughout the year.
- The FPV group also ran a number of events and has a ball throughout the year.

Thanks also to the unsung heroes who just turn up at these events and chip in, helping with catering, manning flight lines, and marking out taxiways.

So, if you feel you would like to run an event but don't yet have the experience, please just approach one of the event coordinators to assist.

Committee Members Elected at the AGM.

The following Committee members were elected at the AGM held on Wednesday 5th September.

- President..... Phil Gartshore.
- Secretary..... Noel Stewart.
- Treasurer..... Phil Collings.
- Registrar Lois Collings.
- Transmitter Editor..... Peter Biddle.
- Web Administrator..... Anthony Griffiths.
- Committee Member..... Will Sipma.
- Committee Member..... Pat Wilson.
- Committee Member..... Noel Wilson.
- Committee Member..... Lyn Wilson.

The new committee will commence its duties at the next Committee Meeting on Wednesday 3rd of October.

Safety

While we generally operate safely at TMAC, it seems members need to be reminded periodically that every member is a safety officer, and we need to alert other members to unsafe practices in a calm manner. When alerted that we are operating unsafely we need to receive the advice calmly, thank the member for considering our welfare, and act to mitigate the unsafe operation. Any further discussion must occur when all parties have completed their flight and are away from the pilot's position.

FOR SAFETY – RESTRAIN YOUR AIRCRAFT

Safe flying everyone - Phil Gartshore,

Please ensure the canteen is locked before leaving

Have you wondered what those red blinking lights on the boom gate mean? It means the canteen door is open.

There have reported instances where the canteen has been left unlocked after everybody has left for the day. If you are last to leave please ensure the canteen is closed before you leave.

QUTAS Have-a-Go Day – Saturday 20th October

TMAC has been approached by the Queensland University of Technology Aeronautical Society to provide some assistance to their members learning to fly RC.

A number of QUTAS members have attempted to learn to fly fixed wing RC on their own at a QUT provided facility near Jimboomba, with very mixed results. Mostly it has been broken aircraft.

As part of TMAC's community engagement obligations under our lease, we are going to run an event for QUTAS members only, to provide them with some assistance using the MAAA Have-a-Go format at Porter Field, which ensures MAAA insurance coverage. The Coordinator is George Atkinson.

The event will require MAAA Instructors to provide their time and an aircraft and buddy box equipment. Please let George know (e: cfi@exemail.com.au) if you can help on the day.

Porter Field will not be closed during the event, but members may the flight line a little busy. Please be patient. Who knows, we may attract some additional members.

TMAC DAWN PATROL 2018



This year TMAC hosted its sixth annual Dawn Patrol with great Queensland blue skies for all to enjoy – and a wind that was benevolent, for an hour or two!

With great aircraft like Dave Stewart's Morane Saulnier A1 [which took out first prize] to old stand-by's like Adrian Hellwig's Fokker DVIII, and Richard Symes' Fokker DVII it was great to see a sky full of these multi-winged old warhorses.

All in all another great day at TMAC, with great thanks to Adrian Hellwig for hosting, Pat & Lyn Wilson for a fantastic job in the canteen & at the BBQ, all the field maintenance by club members the day before at the working bee + Dave Walker for his usual sterling work with field preparation.



The Peter Cutler Award

Once again we were blessed with incredible weather for the event and also for the chance to once more remember Peter. This year was actually the 32nd awarding of the Trophy! Hard to believe it's been so long. There were a good half dozen quality entries into the Peter Cutler (made it hard for the judges) and about 30 odd for the scale festival.

Talk about quality over quantity! The winning entry this year is one that came from the stable of Richard's Symes with his ¼ scale Fokker DVII. He may not have built it from scratch but he made sure it looked the part. As for flying Richard's skills in that department meant that you could think you'd been transported back to 1918.



Once again, as a club we thank the Cutler Family for starting this memorial and for the chance to remember that Peter was a member and treasured the sorts of things about modelling that we too value.

I can tell you that competition is still keen amongst modeler's to get their name engraved upon this, our club's most prestigious scale trophy and that Richard, like those before him, is deeply honoured to now be a two time recipient.

A list of all the previous winners, along with pictures of their aircraft, can be found on the club's website at: [Past Trophies](#), otherwise go to the website and the 'Past Trophies' section.

The Dave Summers Award



Dave was a long-time member of TMAC and only gave up flying in his mid 80's when age and infirmity made flying no longer possible for him. Dave had an interesting life – to put it mildly. He was a graphic artist (long before computers when everything was done by hand), a member of 61 Battalion Cameron Highlanders, a Milne Bay veteran, and, by war's end, an officer in the Intelligence Corps. After the war Dave went on to take over his father-in-law's farm and became a salt of the earth cow-cocky. When all that became too much he and his wife retired to Brisbane. All those who knew Dave

liked him for the true gentleman he was and saw through the shit-stirring, banter loving, crotchety old bastard he pretended to be. Proud of your new Spitfire? Dave said it wasn't a bad Messerschmitt but you got the markings wrong! Bounced on landing? Dave would say it wasn't a bad ratio – one take-off to every four landings! Mind you, if something went seriously wrong and you came back with only bits of aircraft you always knew Dave was dinkum when he came to commiserate. All in all Dave was the kind of club member I wish there were more of.

Dave built some lovely model aircraft and those he loved most were of the pre-WW2 variety – hence that's what the Cup is for. To be more specific, the aircraft must have been designed and flown before WWII and not seen active combat service in that conflict or since. It is held annually in conjunction with TMAC's November 'Warbirds and Biplane' day. No documentation is required though, as with the Peter Cutler Trophy, the model must [at the chief Judge's discretion] fly on the day. It is also only available to TMAC members.



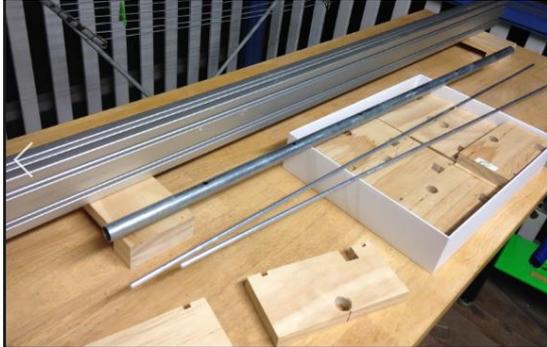
Last Year's Winner

Building Tips by Anthony Griffiths

Home-made Wing Jig

To speed up the building process of a wing with good accuracy I built myself a wing jig. These photos are self-explanatory. All the components , except for the CNC rail, comes from Bunnings. The CNC rail comes from eBay.

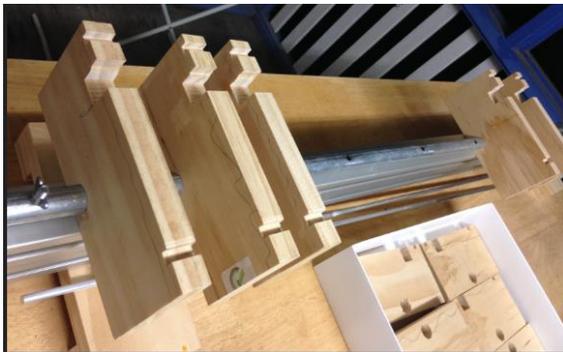
A CNC rail with either steel or aluminum 6mm rods. 19mm steel pipe is used to bind the timber jigs to the rail.



A typical timber jig. The left and right slots anchor the 6mm rods. The large slot allows the bottom spar to be glued on to the wing ribs. The bottom hole is for the 19 pipe. That pipe binds the jigs to the rail. The narrow slit at the bottom of that hole eases the sliding of the pipe.

I can recycle these timber jigs for a narrow chord wing by simply crosscut another 6mm wide slot.

A mockup of the wing jig



Binding to rail by T-nut. A thick rib automatically put it at 90 degree to the rail.



A wing under construction



I purchased the used drill press and table saw from Gumtree.com.au to make these timber components for both the wing jig and the alignment tool.

Soldering undercarriage legs

As shown in the photo I need to solder together these two landing components on each side. I would like to showcase my experience on this task.

I failed twice to solder these components together with my home 80W soldering iron. Hence, I come up with a number of options as shown in the table.



Option	Comments
<p data-bbox="193 745 898 784">Generic brand 80 Watts Iron</p> 	<p data-bbox="898 745 1396 857">Has insufficient heat capacity to perform this task. I purchased this from Bunnies.</p>
<p data-bbox="193 1016 898 1055">Weller Soldering Gun</p> 	<p data-bbox="898 1016 1396 1234">I believe this is rated between 200 and 300 Watts at 120 volts. It is the most popular soldering tool for the American modellers. This tool is not available in Australia.</p>
<p data-bbox="193 1458 898 1496">Robinson Craftsman Soldering Iron</p> 	<p data-bbox="898 1458 1396 1608">At Burson Auto Parts I was quoted \$160-\$200 for the 300 Watts. These irons are on back order until September.</p>

JB Weld



This is available from Burson Auto Parts at \$19.95

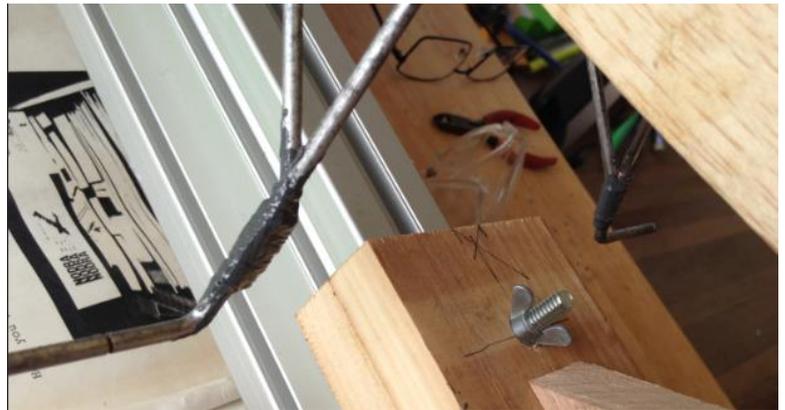
Loctite Weld



Apparently this is superior to JB Weld but I'm unable to source this at short notice.

I decided to try JB Weld as the cheapest and simplest option. Below photo shows the welded joints.

I performed mechanical strength test and I must say I'm rather impressed. It feels very strong! I will let you know how well it performed in the real world!



Buster Danvers Trophy – 2018



This trophy originated with Ken Hollingsworth – Veterinarian and ex. Member of the TMAC, and good friend of the late Allen Danvers.

Allen had a dog named BUSTER who spent a considerable amount of time at the vets being treated for cane toad poisoning. Regardless of what Allen did, BUSTER could not be discouraged from this pursuit.

Ken Hollingsworth & Allen decided to inaugurate an Annual Trophy dedicated to the tenacity of BUSTER.

This trophy is to be awarded to a TMAC member who regardless of how difficult their aeromodelling journey is, they never give up, just like the tenacity of BUSTER.

This year's recipient is Ian Murray.



www.tmac.asn.au

Jets Over Brisbane

AT

Tingalpa Model Aero Club

Sunday 14th October 2018

FROM 8:00AM

Contact; Tyson DODD EMAIL: tyson@jtenvironmental.com.au

Contact; Steve Hughes EMAIL: secretary@qtf.org.au

