



# TINGALPA TRANSMITTER

TINGALPA MODEL AERO CLUB NEWSLETTER

April 2021

## GLIDER DAY REPORT 2021

After a couple of cancellations last year due to COVID, Glider Day was finally held on 21 February. It was the first event day for the 2021 calendar and, whilst the weather was fine, the day was a very subdued affair with only ten registered pilots.

There were two competitions on the day. One was longest soaring flight and the other was a spot landing. The longest soaring flight was won by Ludo Lacroix with a flight of 8 mins 22 secs. The spot landing was won by Tyson Dodd who, after a number of attempts, achieved a landing 140 mm from the designated spot.



The day was sponsored by Wired RC and Michael provided two great prizes for the competitions. I thank Michael for his ongoing support for the sport in the form of these sponsorships. I thank also Pat and Lyn and their helpers for operating the canteen and for those who assisted me in conducting the day.



Despite the low attendance, probably as a result of this being one of the few event days we have held since the start of the pandemic and the first for the year, those who attended had a very enjoyable day. Hopefully this first event heralds a return to a “normal” year for the club after the horror 2020 year. Thanks to all who supported the day.



Graham Matthews

More photos can be found on our website, using the following link:

<http://www.tmac.asn.au/glider-day-2021/>

## TMAC SCAF Warbirds Day 6<sup>th</sup> -7<sup>th</sup> March

A great roll up of pilots and aircraft for this year's first camping weekend and our first Warbirds event of the year. I haven't seen this many Warbirds at Porter Field for a long time. The count was 14 SCAF pilots flying plus a few others that just came to watch the spectacle, 5 Coffs Harbour "Black Sheep Squadron" members and dozens of TMAC pilots. Great effort everyone. Also, flying were a couple of former SCAF members from Toowoomba and Coolum, with their own pit crews!!

There were plenty of spectators as well with the covered grandstand over the club house full. The Porter field was in immaculate condition. Having received plenty of rain in the previous weeks the grass was lush and soft, the field all mown and all line marked. A credit to the members that look after the place. Of course I can't forget to mention the excellent catering for Breakfast and Lunch on Sunday. A big surprise on Saturday night for all those camping with Will Sipma cooking up a storm on the Weber Two hot roasts plus a potato and vegetable bake, yum. Heaps of food to feed everyone including the "Black Sheep" and the hungry wolves.

Jason from Pittsworth arrived Friday with his truck full of pre-used aircraft and accessories which had many pickers sorting through the treasure trove looking for a great deal.



Both Saturday and Sunday mornings started off gloriously for the very early flyers (6am) when the conditions were absolutely still, great for the small foam aircraft. By 8am the wind started to kick in. Saturday saw about 15 knots but it was at a 90 degree cross wind to the main strip and full of potholes.

Sunday was much improved, a steady wind 10-15 and coming in at a 45 degree angle.

3 SCAF planes reported damage over the weekend.

1. T28, minor nose dent, repairable.
2. Bi-Plane, will require a full front end rebuild – no sure what went wrong here.
3. P47, complete write off – looked like an aileron servo locked up solid.



Everyone seemed to have had enough by around midday when we called the short SCAF meeting with the pits being mostly deserted by 1.00pm. I guess travelling distance played a role for many. I personally didn't get to do much flying over the weekend but the comradery and camping was most enjoyable.

First full test for my new mobile accommodation went very well indeed making the hard yakka of the 3 month build well worthwhile.

Looking forward to many more events like this on both the TMAC and Southern Cross Airforce calendar.

Noel Stewart.



More photos can be found on our website, using the following link:

<http://www.tmac.asn.au/scaf-warbirds-2021/>

**MANAGEMENT COMMITTEE**

**President – Phil Gartshore**

T: 0407 070 263

E: [president@tmac.asn.au](mailto:president@tmac.asn.au)

**Secretary – Noel Stewart**

T: 0412 525 127

E; [secretary@tmac.asn.au](mailto:secretary@tmac.asn.au)

**Treasurer – Phil Collings**

T: 0419 768 490

E: [treasurer@tmac.asn.au](mailto:treasurer@tmac.asn.au)

**Registrar – Lois Collings**

T: 07 3354 3923

E: [registrar@tmac.asn.au](mailto:registrar@tmac.asn.au)

**Web Admin – Mark Kruse**

T: 0403 815701

E: [webadmin@tmac.asn.au](mailto:webadmin@tmac.asn.au)

**Editor – Mark Kruse**

E: [Editor@tmac.asn.au](mailto:Editor@tmac.asn.au)

**Committee Members:**

Will Sipma Pat Wilson

Lyn Wilson

**TMAC LIFE MEMBERS**

Kevin Dodd Noel Wilson

Will Sipma

**TMAC LIFE MEMBERS TROPHY HOLDER 2020**

Noel Stewart

**BUSTER DANVERS TROPHY HOLDER**

Brett Hosking

**HEAVY MODEL INSPECTORS (FW25)**

Ian Howard

Ian Sheather

Andrew Tisdall

Gary McCoy

Chris Paterson

**HEAVY & GIANT MODEL INSPECTORS (FW25/FW50)**

Kevin Dodd Noel Stewart

Phil Collings Tyson Dodd

Richard Symes George Atkinson

**MAAA INSTRUCTORS**

**Commercial Flight Instructors**

Noel Stewart 0412 525 127

Will Sipma 0409 852 694

George Atkinson 0414 972 118

**Rotary and Fixed Wing**

Dennis Greenfield 0424 005 820

George Atkinson 0414 972 118

**Fixed Wing**

Nicholas Leahy Peter Spink

Dave Morrison Randall Mowlam

Aaron O'Neil Ian Sheather

# PRESIDENT'S REPORT

## Transmitter April 2021

### COVID Safe Plan and QR Code Sign-in

Members will be familiar with the use of QR codes when entering various premises during COVID-19. To assist members, TMAC has registered Porter Field with the Queensland Government **Check In Qld** app, however sign-in sheets will still be available to use where required.

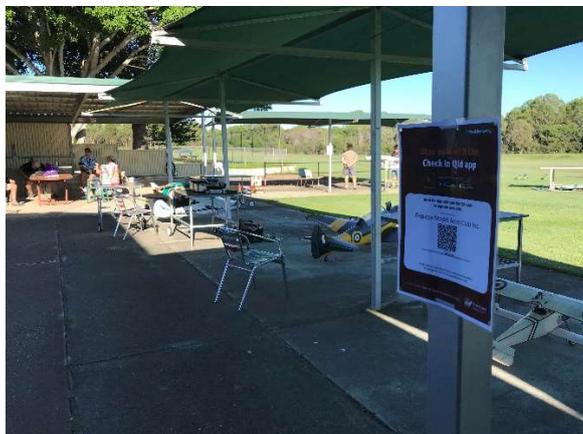
The **Check In Qld** app will enable you to easily comply with the Public Health Directions by enabling members to self-check-in and have your information directly stored with Queensland Health for contact tracing (if required).

Use of the app will help the Queensland Health contact tracing team quickly identify and assist anyone who may have been exposed to COVID-19.

To get you started using the app in your venue, please see the QR code poster that is specific to TMAC in this newsletter.

The first time you use your phone with the QR code, you will be prompted to download the **Check In Qld** app from Google play or the Apple Store. Install the App and complete your details as a one-time thing. From then on you can simply use you phone camera and tap **Check In Now**. There is no need to check-out when you leave Porter Field.

There are plenty of QR sign-in posters around the pits at Porter Field for your convenience.





## Event Calendar 2021

We have published the 2021 Events Calendar in the December edition of the Transmitter, but due to a clash with another event in South East Queensland, we have moved the Model Expo Event to August. Upcoming events for 2021 are as follows:

1. **Multi-Engine Day.** Coordinated by Arron O'Neil. Sunday 18<sup>th</sup> April.
2. **EDF Day.** Coordinated by Mark Kruse. Sunday 16<sup>th</sup> May.
3. **Scale Day.** Coordinated by Phil Gartshore. Sunday 13<sup>th</sup> June.

MONTH	DATE	EVENT TYPE	EVENT DETAILS	CO-ORDINATOR
April 2021	Fri 2	Public Holiday	<b>Good Friday.</b> Porter Field CLOSED.	<b>Secretary</b> m: 0412 525 127
	Wed 7	Meeting	<b>General Meeting</b> (7.30pm, Carina Leagues Club)	<b>Secretary</b> m: 0412 525 127
	Fri 9	Night Event	<b>INDOOR FLYING</b> (Chandler Sports Centre 7.00pm - 10.00pm).	<b>Phil Collings</b> m: 0419 768 490
	Sun 18	Event	<b>MULTI-ENGINE DAY</b> (Porter Field 8:00am - 2:00pm)	<b>Aaron O'Neill</b> m: 0447 774 070
	Sun 25	Public Holiday	<b>Anzac Day.</b> Porter Field CLOSED until 12.00 noon	<b>Secretary</b> m: 0412 525 127
May 2021	Wed 5	Meeting	<b>General Meeting</b> (7.30pm, Carina Leagues Club)	<b>Secretary</b> m: 0412 525 127
	Sun 9	Non-flying Event	<b>Mother's Day!</b>	<b>Secretary</b> m: 0412 525 127
	Fri 14	Night Event	<b>INDOOR FLYING</b> (Chandler Sports Centre 7.00pm - 10.00pm).	<b>Phil Collings</b> m: 0419 768 490
	Sun 16	Event	<b>EDF Day</b> (Porter Field 8.00am - 2.00pm).	<b>Mark Kruse</b> m: 0403 815 701
	Tue 25	MAAQ	<b>MAAQ General Meeting</b> (Conference Call 7:00pm)	<b>MAAQ Secretary</b> e: secretary@maaqq.org
	Mon 31	Newsletter	<b>June Newsletter Published.</b> (NOTE: Contributions close one week prior)	<b>Mark Kruse.</b> e: editor@tmac.asn.au
June 2021	Wed 2	Meeting	<b>General Meeting</b> (7.30pm, Carina Leagues Club)	<b>Secretary</b> m: 0412 525 127
	Fri 11	Night Event	<b>INDOOR FLYING</b> (Chandler Sports Centre 7.00pm - 10.00pm).	<b>Phil Collings</b> m: 0419 768 490
	Sun 13	Event	<b>SCALE DAY [Camping Allowed]</b> (Porter Field 8.00am - 2.00pm)	<b>Phil Gartshore</b> m: 0407 070 263

## MAAQ Meeting

The next MAAQ meeting for 2021 will be held at 7:00pm on Tuesday 25<sup>th</sup> May.

This will be a Teams Meeting, so contact the MAAQ Secretary for an invitation, if you want to attend.

## Obligations under Porter Field Area Approval

Just reminder about your obligations under the Porter Field Area Approval. Please assume that non-members may be around at any time. Just like making threats to aviation at airports, **do not make jokes about these requirements at any time:**

- **Radio Range Check.** Pilots shall successfully complete a range check as per the manufacturer's recommendation prior to the first flight of the day.
- **Fail-safe Check.** Pilots shall test the radio fail-safe function (where fitted) for correct operation prior to the first flight of the day.
- **Pre-flight Air-worthiness Check.** Pilots shall conduct a pre-flight check of aircraft prior to every flight to ensure airworthiness. All control surfaces are to be checked to ensure they are not binding and are operating correctly.
- **Height Limit.** The maximum height limit is 400ft AGL at Porter Field.

## TMAC General Meetings

Carina Leagues club has advised that we are able to use their facilities again in 2021. The December General Meeting will be held at Porter Field. General meetings in 2021 starting from the first meeting in February on the first Wednesday of each month.

General Meetings upcoming will be held as follows:

- **February.** 7:30pm Wednesday 7<sup>th</sup> April. **Carina Leagues Club.**
- **March.** 7:30pm Wednesday 5<sup>th</sup> May. **Carina Leagues Club.**
- **June.** 7:30pm Wednesday 2<sup>nd</sup> June. **Carina Leagues Club.**



Please refer to the 2021 Events Calendar for further General Meeting dates.

## Porter Field Operations during Coronavirus Restrictions

The Committee is incredibly pleased with the response of Members to the COVID Safe plan, and that members have been able to continue operations as Porter Field with minimal impact.

Even though there has been some relaxation by the Queensland Chief Health Officer, TMAC will continue with its COVID Safe plan to ensure members can continue flying with minimal inconvenience.

The requirements are:

- All attendees to sign in on arrival, and out on departure.
- One pilot per bay in the Pits. Pilots can also set up on the grass at the ends of the pits if required.
- Maximum Five pilots at the Pilot's position.
- Maximum of two persons in the Canteen at any one time.

Please continue to always observe social distancing. This is especially important given our membership demographic, with roughly half of our members are 60 or older and male, which puts many members in the high-risk category.

Just a reminder of the requirement to stay home and get tested if you have:

- fever,
- cough,
- sore throat, or
- shortness of breath.

## Also to:

- wash hands regularly,
- cover coughs and sneezes, and
- maintain social distancing.

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- **Height Limit.** The maximum height limit is 400ft AGL at Porter Field.

## Reporting Crashes outside Porter Field Boundary

Finally, a reminder that you must provide a written report to the Secretary if you crash an aircraft outside the Porter Field boundary, if anyone is injured, or if property is damaged. Remember, never admit liability; leave it to our insurers.

Providing a report is not a reflection on the pilot but provides a record in case the club is served with a claim against the MAAA insurance policy.

## Sharing Facilities on Busy Days

I was disturbed recently to hear a member berate an Instructor, who was preparing to enter the strip, while the flying member was tearing up the sky.

Please remember, that on busy days, we all must share the facilities, and when other aircraft are flying, all pilots need to share the sky and fly circuits.

I really would be unhappy if I observe or hear report of this type of behaviour again!

## For Safety – Restrain your aircraft!

If you have any questions or issues, please contact me ([president@tmac.asn.au](mailto:president@tmac.asn.au)).

Regards,

[Phil Gartshore](#)

President.

Unite & Recover 

# We use the Check In Qld app



For fast and secure check in,  
get the app on your phone now.

**It's easy as...**

- 1** Download the **Check In Qld** app  
 
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Tingalpa Model Aero Club Inc.

## Tingalpa Model Aero Club Inc.



(44)9350021062356

Can't scan? Enter the code **062356** manually to check in.

Thank you for supporting COVID-19 contact tracing efforts  
and doing your bit to keep Queenslanders safe.

Questions? Call the **COVID-19 helpline 134 COVID (13 42 68)**



**Queensland  
Government**

# REDUCE YOUR RISK OF **COVID-19** INFECTION



## WASH HANDS

Wash your hands with soap or use a hand sanitiser when you arrive at the field



## COVER A COUGH OR SNEEZE

Cover your cough or sneeze with your sleeves or tissues. Dispose the tissue and wash hands afterwards



## SOCIAL DISTANCING

Keep a distance of around 1.5 meters away from others in public



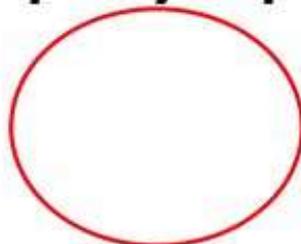
## ATTENTION!

If you have experienced a fever, cough, sore throat, shortness of breath or travelled overseas in the past month, please do not enter this area

**The maximum capacity of people in this area is:**



www.maaa.asn.au



Australian Government

www.australia.gov.au

# SECRETARY'S REPORT

## Newsletter April 2021

Hi and welcome to our second newsletter for the year.

### **Lease renewal:**

In February's newsletter I reported that we had received our new lease documents which had to be signed by TMAC and returned to Brisbane City Council's legal department for final approval and counter signing. To date we have had no further word regarding this. I am comforted to know however that this apparently is normal when dealing with legal documents and multiple stake holders. Further news as it comes to hand.

### **New financial year fees:**

It's that time of year again when your committee gets to thinking about the next financial years fee structure and the external factors that are likely to impact on us such as Covid-19, our national insurance fee, MAAQ fees, C.P.I. and rates etc, the list goes on.

Leaving aside for the moment any increase in Insurance costs from our national provider the president put to the March General Meeting that the senior membership fee be increased \$10.00 for 2021-22 to cover the rising costs of maintenance and utilities associated with our facility. The president noted that the TMAC component of our overall membership fee had remained static for the past 3 years and we are still well placed (fee wise) amongst the other clubs around us.

Subsequently, this rise will filter down to the other parts of the membership structure accordingly.

### **Toilet Block.**

Members may have noticed that the toilet block has undergone some minor modification recently. This commenced with vandals breaking in and damaging the toilet pan in the eastern most toilet. Initial discussions at committee level had already taking place to possibly take out the internal wall and seal up the doorway to the cubical making entry from the main gate only the more vandal proof option. Not to let an opportunity get away from him our illustrious maintenance leader Will pounced within a couple of days the repairs and modifications were complete. Many thanks to Will and the small team of volunteers for making that happen.

### **Have a go day.**

The have a go day planned for the 20<sup>th</sup> of March was postponed due to the recent heavy rains. Members will be notified by email when a new date has been decided.

### **Crashes outside of the boundary fence.**

Members are reminded that aircraft that crash outside of the club's boundary fencing need to be reported to the secretary in writing as soon as possible. This is so that the club can be ahead of any issue that may arise the incident early rather than later. Most of the time these incidents are not an issue but occasionally as in the case of a fly away if injury or damage or injury occurs and a claim ensues we have prior knowledge of the details and can get the paperwork rolling asap.

## Coming events.

Title:	date:	Coordinator:
Multi Engine day	Sunday April 19 <sup>th</sup>	Aaron O'Neal.
EDF day	Sunday May 16 <sup>th</sup>	Mark Kruse.
Scale day	Sunday June 13 <sup>th</sup>	Phil Gartshore.
Electric fly in	Sunday July 19 <sup>th</sup>	Mark Kruse.
Hobby Expo	Sunday Aug 15 <sup>th</sup>	pat Wilson.

Remember check your failsafe regularly.

## Safety first!

Noel Stewart  
Secretary

**HEIGHT LIMIT  
400 FEET**

(Civil Aviation **Safety** Regulations 1998 – Part 101)

**NO FLYING THIS SIDE OF THE FLIGHT STRIP**



## EDITOR'S NOTE

### Wanted

#### Brian Fooks

Would any member have the plans for the Top Flite DC3/Royal Marutaka C47-D Skytrain that they would be prepared to let me copy please? Contact Brian Fooks at TMAC

#### Fund Raising

Hey how about helping the club out with your recyclable cans and bottles, bring them into the club and place them in the bin in the canteen.

#### Flash Backs & Tips

Looking for old photos of planes, helicopters or members and aircraft tips for the newsletter. Please forward them to me at [editor@tmac.asn.au](mailto:editor@tmac.asn.au)

#### For Sale

Wanting to sell aircraft, parts or plans through the newsletter, send the details to [editor@tmac.asn.au](mailto:editor@tmac.asn.au)

## MEMBERS' PRIDE & JOY

### Peter Biddle

A photo today of Peter Biddle's big new electric Cessna 170.

Peter also has a full size Cessna 170 which he flies regularly. His maiden flight with the new model was most satisfactory and the second flight was even better.

He handles it just like the full size aircraft with perfect landings. Well done Peter.





Job No.

Company Name



**TINGALPA MODEL AERO CLUB  
ORDER FORM  
2020 CLUB POLO SHIRTS**

**NAME**.....

**CONTACT NUMBER**.....

**POLO SHIRT SIZE**.....

**QTY**.....

**SHORT SLEEVE (\$45.00EA) YES/NO**

**LONG SLEEVE (\$50.00EA) YES/NO**

**CROSS OUT WHICHEVER IS NOT APPLICABLE**

**(SHORT SLEEVE SHIRT/S WILL BE ORDERED IF NOT CROSSED OUT).**

**AMOUNT PAID \$**.....

**RECIPT NUMBER**.....

**DATE**.....

**LYN WILSON**

# WOBBY WINGS



## Information, tips and tricks on wings manoeuvres.

Welcome to the return of a series of Transmitter columns aimed at taking the mystery out of performing Fixed Wing Bronze/Gold Wings manoeuvres. The author doesn't claim to be the font of all knowledge and has drawn on all sorts of information from other flyers, publications, and the Internet. The so called tips & tricks are just that useful to some pilots but perhaps not to others. Hopefully, they may cause a light bulb to go on in your head for that manoeuvre you are struggling with.

### Take Off

The take off is generally straight forward. The object is to take off and join the flight circuit safely. With the aircraft stationary on the centre line of the strip (1), power should be applied gradually while keeping the aircraft straight using the rudder.

Once flight speed is achieved, a little elevator should be applied to lift off (2). Maintain runway heading with the wings level until the circuit height is reached (3). Turn onto the upwind cross leg of the circuit to complete the take off (4).

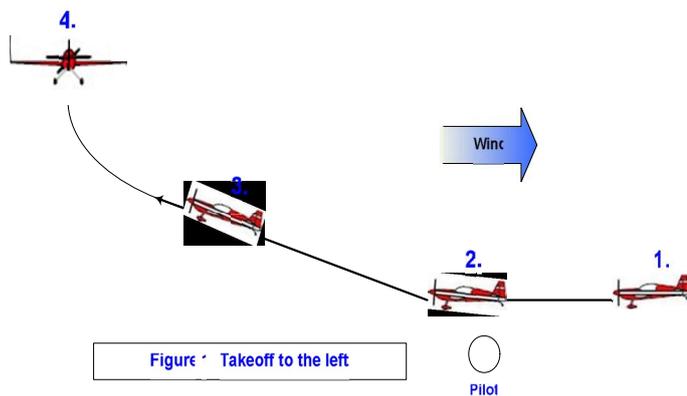


Figure Takeoff to the left

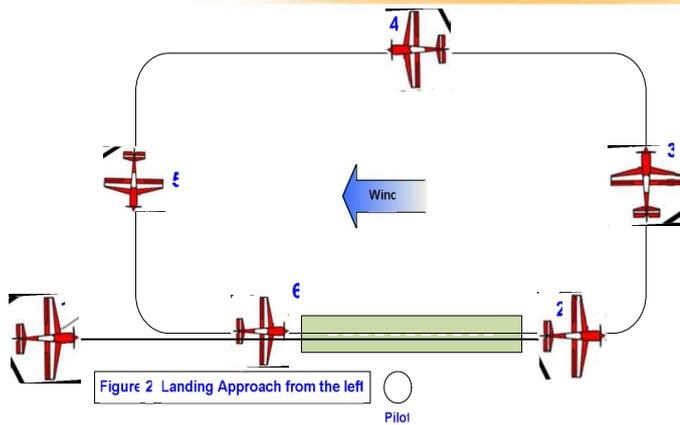
### Rectangular Landing Circuit

A landing approach is required from both the left and the right for Gold Wings. This means that on the day, one approach will include a downwind final.

The model is flown in for 30 metres from position (1) at a constant altitude chosen by the pilot. At (2), make a turn to cross wind. All turns of the rectangular approach should be of equal radius. Fly far enough cross wind (3) to allow for the descent on the base leg (5). At (4) on the downwind leg, the power is reduced. Where exactly depends on the individual model's characteristics (heavy/fast, or light/slow etc.). The turn to (5) can be a slightly descending turn, since it's safer to have the nose down a little when the power is down.

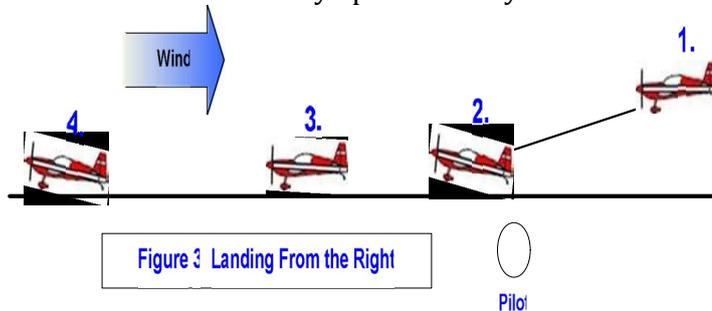
The base leg (5) is the descending leg, where height is reduced sufficiently for a final descending turn onto final (6), leaving enough height for a controlled descending trajectory for landing.

Once in a position to land, apply power, overshoot, and continue on to the next Wings manoeuvre.



## Landing, Rollout and Stop

From the final turn, the model is flown on a descending line that is aimed to contact the runway at a point that is about one-third the way up the runway. The model should be flying quite slowly at this time.



Ideally, the model should be kept in a flat attitude (1) horizontal with the runway. If just a 'click or three' of power is left on during this approach, the descending path shown should be achieved.

If it looks like the model is going to land short, add a click or two more power to 'drag' the model a little further along the strip. The model's attitude should not alter at all. If the model looks like it's going to overshoot, then back off the power, and let it slow down some more.

When the model is about half a metre above the runway, the 'flare' (2) should be started to slow it down more. This means simply adding and maintaining a touch more elevator to lift the nose, which will cause more drag. Be careful to not add too much though, or you might force a stall. The model is then 'held off', maintaining the slightly nose-high attitude. This causes drag, and the model keeps slowing down until it loses enough lift that it settles to the runway by itself (3).

The power can then be set to idle, and the model is allowed to roll to a stop (4) still parallel with the runway.

- Tips for Takeoff and Landing:
- Take off – maintain runway heading.
  - Landing Circuit – Remember to fly a rectangular approach.
  - Landing – Use the throttle to control the descent.

Remember to end up with the canopy pointing to the sky, and the wheels to the ground.

# Glows Plugs

## How they work and some of the problems.



The first section below on glow plugs can be found in various places on the internet and has been used in several other clubs' newsletters. The second part on glow plug problems is reprinted from 'The AMA Insider' the national newsletter of the American Academy of Model Aeronautics, November 2007.

### How a glow plug works

The plug is initially heated by applying a voltage (typically 1.5 volts) to it. This is to cause it to glow so as to ignite the fuel at compression and start the internal combustion cycle.

Once the cycle has started the power source can be disconnected as with the heat generated at combustion the catalytic reaction generated between the methanol and platinum in the plugs coil becomes sufficient to keep the process going. The catalytic reaction is a reaction whereby platinum will glow in the presence of methyl alcohol vapour. This will happen without any external power source being applied!

How do you select the correct plug for your application and why?

To do this you need to understand a little more of the theory behind the process. In glow fuel the catalytic reaction is generated between the methanol and platinum only. Castor oil, synthetic oil, nitro methane etc do not generate a catalytic reaction with the platinum.

Next you need to understand that a certain surface area of platinum is required to generate a sufficient catalytic reaction to keep the internal combustion process going.

Also it is necessary to allow extra surface area for the reaction to be great enough when it diminishes with the available methanol dropping as in the case at motor idle.

Simply put, cold plugs are manufactured using a thicker wire to give greater surface area to facilitate a greater glow and thus the required catalytic reaction where less methanol is present in the fuel mixture.

So! More nitro means less methanol which in turn means a greater surface area of platinum will be required to generate the required catalytic reaction. Correspondingly a lesser oil content can mean more available methanol and lesser surface area of platinum would be required to generate a sufficient catalytic reaction.

Suddenly it all makes sense! To work out which temperature plug to use you need to know how much methanol is in your fuel not how much nitro or oil.

As a rough rule of thumb

- 80% methanol or above use a hot plug
- 70% ~ 75% use a medium plug
- 60% ~ 75% use a cold plug.
- 65% or less use a very cold plug.

### Glow Plug Problems

Today's glow plugs are well made products and they should give you good service. Although the life of a glow plug is unpredictable, you should reasonably expect a dozen or more flights out of one. It's always best to follow the manufacturer's specific glow plug recommendations, but if you have an engine that seems to eat glow plugs,



 AARON ONEIL  
0417 774 070

 TMAC - PORTER FIELD  
STANTON RD WEST  
TINGALPA

 EMAIL  
ASONELL@BIGPOND.NET.AU

MAAA LICENCE REQUIRED | FOOD & DRINKS AVAILABLE FROM 8AM

# MULTI ENGINE DAY 2021

OPEN TO ALL AIRCRAFT WITH TWO OR MORE ENGINES

**APRIL 18**  
SUNDAY 1 2021

**TINGALPA**  
MODEL AERO CLUB

A DAY OF MULTI ENGINE FLYING FUN WITH A FEW SIMPLE COMPETITIONS TO PROVIDE SOME ENTERTAINMENT

**8:00AM**  
REGISTRATION

**8:30AM**  
PILOT BRIEFING



# Tingalpa Model Aero Club

## **EDF Day** **SUNDAY 16TH MAY 2021**



**Electric Ducted Fan Fly**  
**Sport, Scale, Military, Foam and Composite**  
**All EDF powered planes welcome**  
**\*All Pilots must hold a Current MAAA License**



**Pilots Prize Draw and Competitions**  
**BBQ Breakfast and Drinks Available**



**Registration from 7:30am**  
**Pilots Briefing 8:00am**  
**Prize Draw 11:30am**

**Proudly Sponsored By**

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



Contact: Mark Kruse 0403 815 701  
Location: UBD Ref 162 Take Graystone Street to Parklands

In case of uncertain weather, a decision will be made 5pm Saturday 16th May and if the event will not go ahead on the 17th of May, a message will be posted on the TMAC Facebook page and members will be emailed.



Tingalpa Model Aero Club Inc.

# Scale Day

**SUNDAY 13<sup>th</sup> JUNE 2021**



Come and have a relaxed day flying any reasonable rendition of a full scale aircraft. Judging will focus of scale flight; so no 200kmph Cubs!

No documentation required – Electric, IC, Gas, Turbine or Glider.

**Pilots registration from 7:30am .**

MAAA Licence and overweight certificates required.

## **YOU BE THE JUDGE!**

Registered Pilots judge the best scale flights.

**Pilot briefing 8:00am.**

**Catering: Breakfast from 7:30am, Lunch, Snacks and Drinks**

**Trophies: *Best Junior Pilot & Pilots' Choice 1<sup>st</sup>, 2<sup>nd</sup>, & 3<sup>rd</sup>***

***Come along and have a fun day!  
Fly as often as you like.***

Convenor: Phil Gartshore m: 0407 070 263 e: [president@tmac.asn.au](mailto:president@tmac.asn.au)

**Location:** Porter Field, Stanton Road West, Tingalpa QLD 4173,  
turn into Graystone Street from Wynnum Road, then to Minnippi Parklands .

**Limited Camping Available – Contact Secretary**



Tingalpa Model Aero Club  
**Electric Day**  
**SUNDAY 18<sup>th</sup> July 2021**



**Fly Anything Electric**

**Aerobats Gliders Scale Foamies Helis & more**



Pilots Prize Draw  
Barbecue & Drinks Available



All Pilots Must Hold a Current MAAA Licence  
Registration from 7:30 Pilots Briefing 8:00am



**PROUDLY SPONSORED BY:**

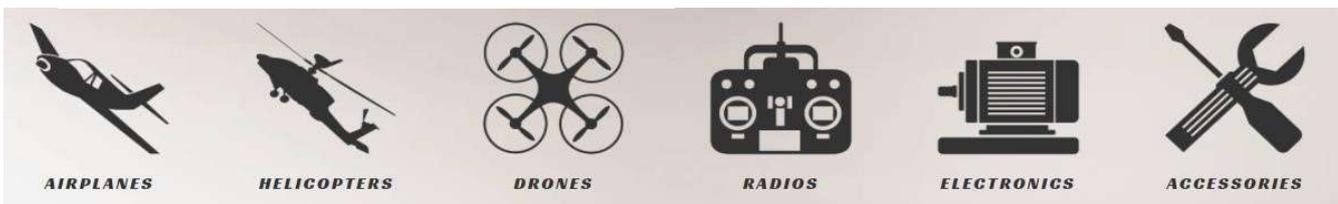


*Electronic model aircraft specialists*

*you can trust.*

*Call us now or see us in store.*

**Electric Model Aircraft Specialist**  
Shop: 7 Paltarra Street  
The Gap 4061 Ph: 3300 3616  
[www.wiredrc.com.au](http://www.wiredrc.com.au)



Contact: Mark Kruse 0403 815 701

Location: UBD Ref 162 Take Graystone Street to Parklands

In case of uncertain weather, a decision will be made 5pm Saturday 17<sup>th</sup> July and if the event will not go ahead on the 18<sup>th</sup> July, a message will be posted on the TMAC Facebook page and members will be emailed.



# SUNDAY 15 AUG 2021

## HOBBY EXPO 8.00AM TO 2.00PM

### MINNIPPI PARKLANDS, STANTON RD WEST, TINGALPA

**Activities commence from 9am**

Gates open from 5.00am. Entry fee for parking will be a gold coin donation to SES. Camping for 5 caravans available onsite (Showers & Toilets). For further information contact Pat Wilson on 0417493785.



**Gold Coin Donation to the SES, Open to the public**

**RC planes, helicopters, tanks, trains & trucks**

**Pilots wanted , Gold wing standard or equivalent, contact Pat on 0417493785, hotdog & Drink supplied**

**1/2 scale F9F Panther onsite**

**Hot food and drinks, coffee van, hotdogs & more**

**TMAC**

Minnippi Parklands,  
Stanton Rd West, Tingalpa

<http://www.tmac.asn.au/>

# 2021 HOBBY EXPO PILOT'S ENTRY FORM



Name.....

Home Club..... AUS.....

Heavy Weight Certificate Current.....

Heavy Weight Certificate Current.....

Heavy Weight Certificate Current.....

Contact Number ..... Email.....

Small description of your aircraft.

AIRCRAFT 1.....

AIRCRAFT 2.....

AIRCRAFT 3.....

Minimum standard for pilot's in this event is **GOLD WING** standard

Minimum standard for pilot's caller in this event is **BRONZE WING** standard

**Pilots and caller** are only permitted at flight-line 10 minutes prior to and during their flights. Must return to the pits area directly after flight.

**FLIGHT-LINE CONTROLLER** has the final say as to persons permitted at flight line.

.....

Signature Date

Please return form to Pat Wilson (Event Co-Ordinator) at [discosarge1@bigpond.com](mailto:discosarge1@bigpond.com) prior to event.

Pat Wilson (M) 0417493785

# 2021 Hobby Expo Volunteers

## Set-up

As we are all aware, any event cannot be conducted without volunteers and I am asking all members to consider volunteering for this event to come forward and assist on the event day and on the day prior to assist with the setting up of this event.

## Day prior

- Setting up of the car park area for the parking of members vehicles
- Setting up of gazebos for the protection of your planes/displays
- Setting up of a barrier fence to keep the safety of the public
- Setting up of the tables and chairs for the pilots and public to sit on and enjoy your flying and also to consume their food and drinks in comfort

## On the day

- A flight line co-ordinator to keep the show running continuously
- Assistant flight line co-ordinators (3) to assist in getting next event pilots into position so as there is no or little delay in the programme.
- Persons (2) to take food and drink the flight line to the volunteers who unable to leave their positions for lengthy periods of time
- Runners (2) to take information to and from the flight line to the announcer's box
- Persons (4) to assist in the canteen to give breaks to the canteen staff, **starting a 7.00am for the morning rush**
- **And last but not least, persons to stay behind after the event and pull down/clean up after the event.**

If you are able to assist with being a pilot and/or a volunteer, please do not hesitate to text me on the number below and advise me of the position you are able to assist with.

Many thanks in advance  
Pat Wilson (0417483785)



# SUNDAY 15 AUG 2021

## Hobby Expo 8.00am to 2.00pm Minnippi Parklands, Stanton Rd West, Tingalpa



## PILOTS WANTED



THESE ARE THE CATEGORIES WE ARE LOOKING FOR



- IC WARBIRDS
- TURBINE
- EDF JETS
- ELECTRIC PLANES
- HELICOPTERS
- AEROBATICS
- MULTI ENGINES
- GLIDERS
- DAWN PATROL
- GENERAL
- KIDS

Also any pilots that has any plane that would enjoy showing off their pride and joy in a static display

Pilots must be Gold wing standard or equivalent

A Hotdog & Drink voucher will be supplied for all pilots

Gates open from 5.00am. Entry fee for parking will be a gold coin donation to SES. Camping for 5 caravans available onsite (Showers & Toilets). Please call Pat on 0417493785 for any questions

FREE CALL : 1800 1400 66 (AUS) 0800 0088 10 (NZ)

SHARE  
 with your CLUB

**23 - 30 Oct 2021 • Norfolk Island**

# 'Fly In' **Allen Danvers Challenge**



→ **DEPART BRISBANE**  
 from **\$1369<sup>pp</sup>**  
 7 nights – twin share  
 23 - 30 Oct 2021

*If you are travelling from Sydney, or another port, please contact us for a customised quote.*

**Holiday Package Inclusions:**

- ✓ Return 'seat + bag' economy airfare from Brisbane to Norfolk Island, incl. all airline taxes
- ✓ Meet&Greet at Norfolk Airport
- ✓ Return airport transfers on Norfolk
- ✓ 7 nights twin share accommodation
- ✓ 7 days car hire – petrol additional
- ✓ Welcome Dinner
- ✓ Farewell Dinner
- ✓ 'Fly-in' T-Shirt
- ✓ Complimentary 'Mini Golf' & 'A Walk in the Wild' & free bonus gift redeemable at The Bounty Centre
- ★ Discount Norfolk shopping card

**Take up the challenge – get ready, set, fly!**

All model aero plane fans are invited to join in the fun with the Tingalpa Model Aero Club Norfolk Island Fly-In. Enjoy a week of flying and socialising among local club members and visitors. There will be some indoor night flying – to cover all conditions.

Conditions apply | Prices are in AUD and indicative only, subject to availability & change without notice | Travel insurance strongly recommended



www.norfolkislandtravelcentre.com

Free Call : 1800 1400 66 (AUS) / 0800 0088 10 (NZ)

Phone : (international) +6723 22502

Email : diane@travelcentre.nf

Address : PO Box 172, Norfolk Island, 2899

www.facebook.com/norfolkislandtravelcentre

ABN : 30 714 493 146

SHARE THIS FLYER WITH YOUR FRIENDS

There's more to  
**NORFOLK ISLAND**



## Norfolk Island 2021 Fly In Allen Danvers Challenge

Come & join the fun of an overseas Tingalpa Model Aero Club weekend fly-in on Norfolk Island! Meet the locals who share their favourite flying spots around the Island.

Bring your big planes, indoor flying and gliders to cover all conditions. Combine this unique event with plenty of time to immerse yourself in the beauty of Norfolk Island. Stroll through our magnificent rainforests, chill out on our pristine beaches or just enjoy a break away from it all. Norfolk Island has all the makings for a wonderful holiday and start to this summer.

### Discover Norfolk

There are so many reasons to consider a holiday to Norfolk Island, situated a short two hour flight from Sydney or Brisbane and mid-way between Australia and New Zealand.

The Island has long been a source of creative inspiration. Tall majestic pines, high rising cliffs, green undulating valleys, lush rainforest and brilliant turquoise waters over coral reefs – arriving visitors are simply astounded by the natural beauty and countless photographic opportunities.

Our little island is packed full of things to see and do. The World Heritage listed Kingston Area will take you into the history of turbulent convict years, and today's vibrant 'Norf'k' culture (born out of the infamous 'Mutiny on the Bounty') can be explored via tours, displays and even a chat with a friendly local. Encounter our pristine environment via swimming, reef snorkelling and rainforest walks. Our cafés and restaurants offer delicious, fresh and organic meals and local art, crafts, toys, shoes and tax-free items are amongst shopping highlights.

 **Norfolk Island  
Travel Centre**  
*meet the locals...*

www.norfolkislandtravelcentre.com

Free Call : 1800 1400 66 (AUS) / 0800 0088 10 (NZ)

Phone : (international) +6723 22502

Email : diane@travelcentre.nf

Address : PO Box 172, Norfolk Island, 2899

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