



HOLDFAST BUZZ

Inside this issue:

From the President	2
Upcoming General Meetings	2
Model Maintenance	3
Membership Renewal	4
Alice Springs Masters Games	5
Guide to Flying R/C Models	5
Welcome to New Members	4
From Our Sponsor	5
Flying Achievements	6
Instructor Roster	6
Competition Results	6
Upcoming Events	6

General Meeting - June 1st Save the Date!

Join us at 7:30 pm on Friday June 1st for an informal social meeting. Mike O'Reilly from Model Flight is our guest presenter and will update us on new R/C products. All welcome.

HMAC proudly sponsored by
modelflight RC

A Look Back in Time HMAC Members Visit the SA Aviation Museum



On May 5th, a group of our members visited the SA Aviation Museum at Port Adelaide. They were treated to a highly informative tour under the guidance of John Jefferson and Russell O'Brien, both of whom are Club members. A delicious lunch at the Port Admiral Hotel rounded off the trip.

The HMAC newsletter is your vehicle for sharing information, experiences, building projects, etc. with your fellow members. If you have photos of your latest model, a construction in progress or handy tip you'd like to share, please send it to Geoff at buzz@holdfastmac.asn.au for inclusion in a future edition of BUZZ.

From the President



Kingsley Neumann

"...The Club has signed a contract to build the new Storage Shed and we are now waiting on Council Building Approval. We anticipate that construction will commence in a month or two..."

Many thanks to the 15+ Members who turned up to help at the Working Bee. Most jobs were completed but there is always something to do in a Club like ours. We still need to hire a trailer and clean up the debris from some tree cutting. Please check the whiteboard for urgent jobs that need some volunteer labour. If you think you can help at any time, just get stuck in. If you are unsure of procedures please check with me or any Committee Member. One item that will need attention is the application of protective stain to the outdoor furniture. Russ O'Brien did a great job (unassisted) on the flight line but the table and chairs at the shed need some attention.

HMAC will be hosting two MAAA Instructor refresher courses on June 16 and July 21. There is a bit of pre-course study and a project to do but it is all very straightforward and, I think, very worthwhile. We could all do with a look at the books from time to time and this course is essential if you want to retain your Instructor status.

While on the subject of Wings Qualifications, now is a good time to consider an upgrade. A number of people have successfully gained their "HMAC Solo Status" but have never taken the next step to obtain the MAAA Bronze or Silver Wings. Believe me, it is a simple test and basically repeats the one you did at the end of your Solo Training. The test syllabus is in your log book so you can practice yourself, or you can ask an Instructor to guide you.

A good time to do the test is on a Sunday morning after about 11.30 AM. The Wings will give you more freedom and you can fly any model within the relevant weight category. You will also be qualified to attend flying events at other Clubs, by invitation. Check your MASA Newsletter for various Fun Fly days, and you could enjoy a trip to a different Club. Be sure to ask for a safety briefing at any host Club before you fly.

Our Club is always trying to improve its Social Meetings. You will see that we have a couple of very interesting Guest Speakers coming up in the next two Months. It is amazing to hear and see some of the talents that aeromodellers possess. Social Meetings are held at our comfortable Club Rooms on the first Friday of the month commencing at 7.30 PM. The format usually consists of a brief report on Committee activities (not a formal meeting) followed by a guest speaker or an informal presentation by one or more of our Members.

At the last Meeting, Neil Clarke showed his P51 electric model. It was amazing because the entire flying machine was produced on a 3D printer! It was light and strong and Neil says it flies very well. Neil has offered to give a demonstration of the 3D printer at a future meeting.

The Club has signed a contract to build the new Storage Shed and we are now waiting on Council Building Approval. We anticipate that construction will commence in a month or two. The Annual General Meeting will be held on Friday, August 3. We are still looking for a person to take over the job of Club Secretary for at least one year, while Ian Faulkner stands down, in accordance with our Constitution. If you can help please let me know. Training will be provided.

The Committee is very conscious of our age profile. Like many Clubs in the community, we are all getting older. While we do have a number of new younger members we have difficulty getting them interested in running the Club. If you can offer your services, now is the time to consider putting your hand up. Your help would be much appreciated and offers some form of certainty for our future.

Kingsley Neumann
President



June & July General Meetings

The **June 1st** Meeting will feature a presentation by Mike O'Reilly, Managing Director of Model Flight, giving attendees an update on the latest R/C products. Rumour has it that one of these is the new Spektrum iX12 radio which is a radical evolution from its predecessors.



At the **July 6th** Meeting, Marta Najfeld will speak about windowless cockpits in full-sized aircraft. Marta is an aeronautical engineer and accomplished glider pilot, having competed at world championship level in international competitions.



Both meetings commence at 7:30 pm

Model Maintenance - by John Jefferson

You do undertake pre-flight checks, don't you? What about post-flight checks?

Once your latest model has been built/assembled and test flown, some of us tend to forget those essential inspection/maintenance requirements. Full size pilots would not dream of taking off without checking to make sure the aircraft was safe for flight. So what's different with our models? Nothing; we also have an obligation to make sure our models are safe for flight.



In the pre-2.4 GHz days we were taught to undertake a pre-flight check that consisted of:

- (1) a range check where you would walk 30 paces away from the model and see if all controls were operative with the transmitter antenna in the collapsed position; and
- (2) applying the **CAT** mnemonic:
 - C**ontrols operating in the correct sense;
 - A**ntenna (transmitter and receiver aerial) extended;
 - T**rimms centred (if the transmitter had manual slider type trims instead of digital).

Also, when assembling the model in the pits you would check to see if anything was loose, fractured or broken, or potentially dangerous.

If you are a 2.4GHz user, which most of us are these days, a range and control check should still be part of your pre-flight check; that is, before the first flight of the day. What if you forgot to fully charge the transmitter or on-board battery pack before you came to the field? What if the receiver or battery pack were dislodged or damaged during a heavy landing last time the model flew? Also, don't forget the correct alignment of the transmitter and receiver antennas. If you have an older 2.4GHz transmitter with an articulated antenna, make sure the tip is set at 90° to the unit in a horizontal plane. If your receiver has two antenna wires they should be at 90° to each other, and make sure they are not adjacent to any metal parts that may interfere with reception.

Post-flight is always a good opportunity to check the model. If your model is glow powered make sure you clean any oil residue as this has a habit of getting into all the nooks and crannies. Even if you are an electron user there still will be dust, dirt, mud, grass etc. that accumulates on the model. Engine vibration, harmonic resonance, aggressive aerobatics, heavy landings/arrivals, can all contribute to a weakening of the airframe and consequential disaster. None of us want our model to self-destruct mid-air, do we? It's bad enough when bits fall off after a heavy landing, but trekking through the outlying scrub to recover lost engines, electric motors, battery packs etc. is not something to look forward to. Then after the trek you have to remove all the burs that attach themselves to your socks (which is how the hook and loop (Velcro) fastener system was discovered).

There's an old aviation saying that an aircraft cannot fly until the weight of the paperwork (maintenance, flight planning etc.) is equal to the weight of the aircraft. We modellers don't need to get bogged down with such paperwork but we should certainly undertake essential maintenance activities. A periodic check of all nuts, bolts, screws and associated fittings should be part of your maintenance routine. Going over these items with a screwdriver or appropriate tool is safer than just eyeballing them.

Maintenance does not take too much time. It will help make the model safer to fly and hopefully prolong its life.

Come on – play the game and maintain!



Membership Renewal

The 2018-19 membership year is almost upon us and you will need to pay your annual fees by June 30th in order to use the Club facilities and be covered by insurance.

The Club fees were agreed upon at the last General Meeting (May 4th), where a \$10 increase to the Senior fee was approved. Pensioner and Junior fees are adjusted in proportion to the Senior fee. The Club fees for 2018-19 are as follows:

Senior: \$225, Pensioner: \$195, Junior: \$45, Social: \$10. MAAA/MASA fees are additional to these amounts.

We have yet to be advised of the MASA/MAAA fees for 2018-19, but once these are known you will be informed of the total fee due. We expect that the renewal notification will be sent to you in the first week of June, so keep an eye out for it.



"... A periodic check of all nuts, bolts, screws and associated fittings should be part of your maintenance routine ..."



ALICE SPRINGS
Masters Games
13 - 20 October 2018
The Friendly Games



Model Aircraft Flying

For the first time, Aeromodelling will feature at the 2018 Alice Springs Masters Games. IMAC, Electric Gliders and Vintage Old Timers will all be catered for over a week of flying fun!

For more information and registration, visit www.alicespringsmastersgames.com.au



Simple Guide to Flying R/C Model Aircraft

Thanks to the efforts of Kingsley Neumann, we now have an up to date guide on radio controlled flying. This guide covers the basic principles of flight in easy to understand terms, followed by an explanation of the more basic manoeuvres, and will be of great help to anyone starting out in this hobby.

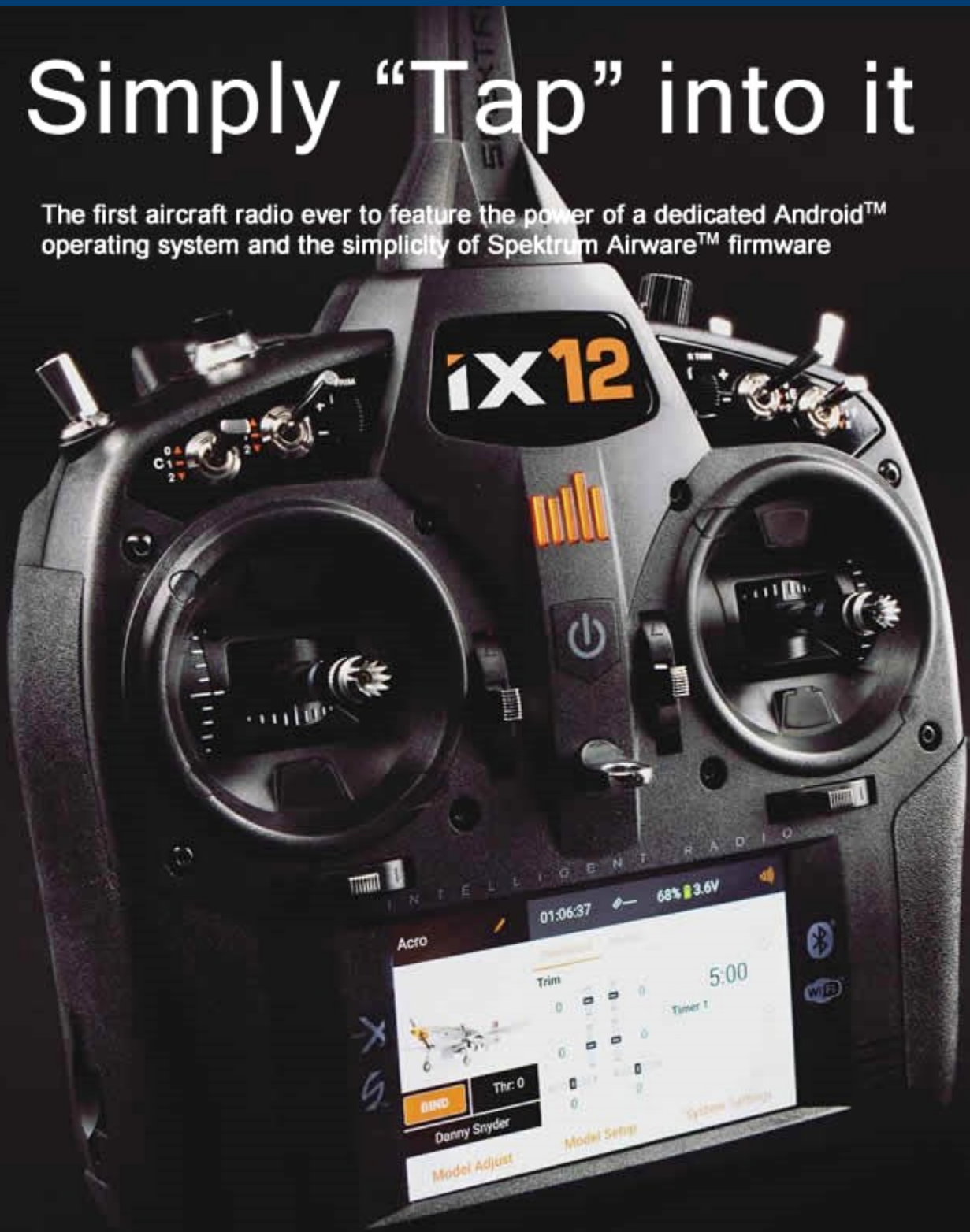
As well as being included in the New Member Pack, the guide is also available for viewing and download on the HMAA website. You can access it at www.holdfastmac.asn.au/documents/guide-to-rc-flying/

If you feel any part of the guide needs further explanation or contains an error, please let us know as we strive to provide the most accurate and useful information to our members.



Simply “Tap” into it

The first aircraft radio ever to feature the power of a dedicated Android™ operating system and the simplicity of Spektrum Airware™ firmware



Tap into modelflight.com.au or visit your local store
130 Goodwood Road, Goodwood

modelflight **RC**



HOLDFAST MODEL AERO CLUB

P.O. Box 94
O'Halloran Hill SA 5158
Club Phone: 08 8377 2708
Web: www.holdfastmac.asn.au
Newsletter Editor
buzz@holdfastmac.asn.au

Newcomers to R/C modelling are catered for by setting aside every Sunday morning from 10 am when qualified instructors will teach all aspects required for the safe operation of the model. During the training period no other models are allowed to fly, ensuring the least possible distractions to the student.

Pylon & Combat Competition Results

April 1st

Easter Sunday
(No competition)

May 6th

Open class pylon

Pete Smyth (HMAC) 106
Pete Robertson (HMAC) 78
Finn Kanck (Noarlunga) 70
Graham Paterson (HMAC) 58
John Jefferson (HMAC) 50

Standard class pylon

Craig Spratt (Connie) 61
Les Mephram (HMAC) 56

Electric class pylon

Pete Smyth (HMAC) 92
Vin Pike (HMAC) 77
Bob McEwin (HMAC) 65

WW I combat

No missions flown

WW II combat

No missions flown

UPCOMING EVENTS

- Fri May 25 - MASA AGM
- Fri June 1 - General Meeting
- Sun June 3 - Pylon & Combat
- Wed June 6 - MASA Meeting
- Sat June 16 - Instructor Refresher Class
- Wed June 20 - Committee Meeting
- Sun July 1 - Pylon & Combat
- Wed July 4 - MASA Meeting
- Fri July 6 - General Meeting
- Wed July 18 - Committee Meeting
- Sat July 21 - Instructor Refresher Class

Flying Achievements

Award	Member	Instructors
Solo	Karl Heberle	Max Thomas, Graham Paterson
Bronze	Chris Flynn	Kingsley Neumann, Max Thomas
Silver	Neil Clarke	Max Thomas, Graham Paterson

Instructor Roster (June - July)

Date	Instructor	Instructor	Assistant
MAY 27	Max Thomas	Kingsley Neumann	Geoff Haynes
JUN 3	Kingsley Neumann	Kim Whitburn	Ted Carter
JUN 10	John Jefferson	Max Thomas	Geoff Haynes
JUN 17	Kingsley Neumann	Kim Whitburn	Ted Carter
JUN 24	John Jefferson	Max Thomas	Geoff Haynes
JUL 1	Kingsley Neumann	Kim Whitburn	Ted Carter
JUL 8	John Jefferson	Max Thomas	Geoff Haynes
JUL 15	Kingsley Neumann	Kim Whitburn	Ted Carter
JUL 22	Kingsley Neumann	Max Thomas	Geoff Haynes
JUL 29	John Jefferson	Max Thomas	Ted Carter

The following instructors are often available and are invited to assist when they can:
Shawn Jones, Ian Cole, Ian Williams, Graham Paterson, Ashley West

The Club is fortunate to have a dedicated band of Instructors and Assistants who offer their services to learners almost every Sunday. We would like to have more people on the Roster to ease the workload. If you can help please speak up and we can arrange the necessary Instructor Course. Gold Wings standard is a prerequisite for all Instructors.