AUG 2017

MODEL AERONAUTICAL ASSOCIATION OF AUSTRALIA
QUARTERLY MAGAZINE

WINGSPAN

MEMBER NEWS • TRAVEL • EVENTS • OUT AND ABOUT • SAFETY MATTERS



AUSTRALIAN ROYAL FLYING DOCTORS "HAVE A GO" MONTH IN OCTOBER.

INTRODUCE FAMILY AND FRIENDS TO THE JOYS OF AERO MODELLING AND SUPPORT A WORTHY CAUSE.

BRUCE DE CHASTEL TRAVEL STORY

A CHANCE TO TRAVEL THE GLOBE HAS BEEN A GIFT OF THE SPORT

OPENING OF WAMS WARWICK AERIAL CLUB

OFFICIAL OPENING OF THE WARRICK AERO MODELLERS NEW FLYING SITE.

BARRY LEE FREE FLIGHT PIONEER

FREE FLIGHT AND AERO MODELLING TRAILBLAZER

MAAA 2017 AUSTRALIAN DRONE NATIONALS

RACING AND FREESTYLE PILOTS BATTLED IT OUT FOR TOP HONOURS.

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PRESIDENT'S REPORT

President: Neil Tank



FAI Award

It is with pleasure I announce the FAI awarded our organisation the FAI Group Diploma in recognition for our contribution made to aeromodelling, not only in Australia but internationally. FAI medals and diplomas aim at giving public recognition to those who have made outstanding contributions to aeronautics and astronautics, especially in the field of sporting aviation. The following narrative describes the basis on which the award was given.

- Model Aeronautical Association of Australia can trace origins back to 1930.
- Has over 300 clubs throughout all eight States of Australia and over 10,000 individual members.
- First Australian National Championship was held in 1938, apart from during the Second World War, has been held every year since.
- Actively supports members to compete at the FAI World Championship and other international competitions.
- Has best practice digital communication processes with individual members.
- Since the 1970's has a comprehensive flight training and accreditation scheme covering pilots and instructors for fixed, rotary wing aircraft and gliders.
- From the 1990's has purchased flying fields for members and made low interest loans and grants available to State organisations and clubs.
- Approved Aviation Administration Organisation operating under a Deed of Agreement from the Civil Aviation Safety Authority (CASA).
- Has a comprehensive Manual of Procedures regularly updated, covering both safe flying and administrative procedures. After a CASA audit, this was described as being "very professional and one that many Regional Airlines could learn from".
- Enthusiastic and proactive to embrace evolving technology such as operation on 2.4GHz, First Person View and drones in a way to continue to promote safety.

This award is a testament to all those members who have contributed over the many years to making aeromodelling in Australia great.

The MAAA are always keen to hear about your successes or story ideas for Wingspan. Please send your ideas to us at editor@maaa.asn.au.

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Enquiries about Wingspan, including advertising, feedback and story ideas can be emailed to editor@maaa.asn.au

▶ REMEMBER, IF YOUR CLUB IS INVITING MEMBERS OF THE PUBLIC TO AN EVENT, FEEL FREE TO ADVERTISE IT ON THE MAAA WEBSITE!

Go to: http://www.maaa.asn.au/events to add your event.

PRESIDENT'S REPORT CONTINUED...

FAI International Drones Conference

The MAAA President and Secretary have been invited by the FAI to address the 1st FAI International Drones Conference in Lucerne Switzerland between the 1st and 3rd of September. This invitation is again an indication on the respect given to our organisation by the International Aeromodelling Community.

Those attending to name a few will be local and national media, local and national civil aviation authorities, police, traffic management, sports representatives, end users, aeromodelling organisations, drone manufacturers and the general public.

The two topics of focus are "Drones and Safety - focusing on models of cooperation between authorities and aeromodelling organisations" and "Drones and Sport – how to secure healthy and sustainable growth from grass roots to a global level".

With the current focus by the Federal Senate, CASA Enquiries and general public concerns in respect to the flying of drones, I consider it advantageous to the aeromodelling community to accept the invitation. It is hoped the information obtained from this conference will assist us greatly in achieving a successful outcome for aeromodelling organisations.

MEMBERSHIP

Renewals from members are coming in strong with our renewal rate surpassing the membership at this time last year.

Attitude of some clubs towards new members is still a concern however, although the majority of clubs accepted new members or prospective members with open arms, it is still disturbing to hear from those turned away. Only last week I received two emails from dissatisfied prospective members who were turned away not because of who they were but because of what they proposed to fly. The following is an extract from one of those emails;

- Yeah would be great if it wasn't full of boomers looking down their old noses at younger people interested in flying their FOAM models.
- Why waste hours building a balsa plane for a trainer when I can buy a foamie already to fly.
- I tried joining two clubs, both full of old wankers.

Another example related to a hobby photographic group interested in flying drones in pursuit of their recreation.

The survival of all Clubs rests on recruitment of new members, we all must encourage prospective members and not turn them away, particularly when the only reason is they don't fly what we do.

I ask all club and members, if your club can't accommodate new disciplines please support them by recommending clubs that can or assist these persons in forming their own MAAA Clubs. Please just don't turn them away, the MAAA has always been an all embracing organisation with majority of members willing to try new initiatives and accepting young members.

New Drone Laws England

United Kingdom has announced sweeping changes to drone legislation, including mandatory registration for those who own an aircraft weighing more than 250 grams. Under the new rules, drone owners will be made to pass a safety awareness course in order to prove that they understand UK safety, security and privacy regulations and also looking at age limits for the tests.

The MAAA has made submissions to the current senate enquiry and are hopeful our recommendations have been taken on board. I personally don't see compulsory registration as the answer, as the only outcome would be an increase in bureaucracy; only those who do the right thing will register their drones. I believe the answer is in education and training.

NMAS "Have A Go" day – Towards 11,000

In answer to the MAAA's 11,000 initiative, Noarlunga Model Aero Sports conducted a very successful "Have A Go" day. Due to the enthusiasm of members giving their time, advertising publicly with pamphlet drops and local media, attendance was beyond expectation. Many within the community came to have a look with more than 57 visitors on the sticks and simulator. Additional to the "Have A Go" day, the club raised funds for members Sean and Jarrad Jacobsen to assist with their travel costs to Switzerland for the F3D World Championship, at which the Australian team came first!

In closing I ask all clubs to join in the "Have A Go" campaign and if you can't accommodate prospective members, please assist them to locate a MAAA Club that will.



Neil Tank
President

SAFETY MATTERS

GUEST ARTICLE FROM CASA FROM MARK LEWIS



How high can I fly at my model aircraft club?
As a modeller, knowing the maximum height you can operate your model aircraft at your local model field should be second nature; however, if the limit is not clearly stated at your club field the question (and debate that often follows) is asked 'How high can I fly?'

When in doubt, the simple answer is, the ceiling height is 400 ft above ground level (AGL). In non- aviation speak 400 ft = 120 metres. This height is chosen because the majority of manned aviation is flying over an unpopulated area at a minimum height of 500 ft AGL. It provides a safety buffer for pilots, unmanned and manned.

I fly gliders, so when can I fly higher than 400 ft AGL?
There are two scenarios which allow this to happen.

Scenario 1:
The Civil Aviation Safety Regulations (CASR) Part 101 Sections A, B, C and G outline the regulatory conditions for modelling in Australia.

When flying in Class G (uncontrolled) airspace, the following regulation can be applied:

101.400 Operation of model aircraft outside approved areas

(1) A Person may operate a model aircraft outside an approved area above 400 feet AGL only if he or she:

(a) Keeps it in sight; and
(b) Keeps it clear of populous areas.

This means if the location where you are flying your model is within Class G Airspace and you do not fly over people or property at any time.

The purpose of the populous rule is to not pose an unreasonable risk where, should a failure occur on the aircraft, the result leads to injuring people or damaging property.

Keeping the aircraft in sight means you can continuously locate, orientate and navigate the model with your own eyes, not through video links such as first person view (FPV) goggles or video screens.

Scenario 2:
An approved area is an area approved by CASA for the operation of model aircraft.

This is required when a model aircraft club needs approval to fly at a particular location.

This may be a result of the model club's location being within controlled airspace, near an aerodrome, a restricted area, or because of the airspace classification above the club field – required approval to conduct model aircraft operation above 400 ft AGL.

CASA issues an area approval, formally referred as an 'Instrument of Approval' directly to the club, allowing the club, its members and bona-fide visitors to operate model aircraft to stipulated conditions.

Instruments are typically issued for height approvals, model flying displays and specialist events and activities.

If I'm still unsure, what can I do?
Talk to your club secretary and ask them to contact your MAAA state secretary if more information is required.

If your club is located in Class G airspace, the club still has the option to register the club flying site.

This is another way of saying 'Approved Area' for a club field location; however, with the intent of aviation safety to alert other airspace users to the model aircraft field location.

When a club field is registered and CASA issues an Instrument of Approval for that location, a permanent notice to airmen (NOTAM) is published from Airservices Australia (ASA).

The NOTAM is a message to all pilots, alerting them of the model club's activities. A permanent NOTAM stays in effect until the aviation navigation charts (produced by ASA) each quarter change into a map symbol on the charts showing a model aircraft field's location. When the symbol is created, the NOTAM disappears.

If you would like a particular regulatory topic discussed for future editions, please contact your club secretary and ask them to raise the suggestion with the MAAA.

CASA is committed to the future of safe modelling operations as sport aviation in Australia.



AUSTRALIAN ROYAL FLYING DOCTORS "HAVE A GO" MONTH IN OCTOBER

SHARE THE FUN AND RAISE FUNDS AT THE 2017 AUSTRALIAN MODELLING MONTH

Introduce family and friends to the joys of aero modelling and support a worthy cause with the 2017 Australian Modelling Month

What could be better than enjoying the sport you love, introducing it to the wider community, and supporting a really great cause? Thanks to the MAAA Royal Flying Doctors Model Month in October this year you can do all three.

The Annual Model Flying Day has been a regular fixture on the MAAA calendar in recent years with member clubs hosting fundraising events over a weekend in October to showcase our sport and raise money for a worthy cause.

To give more clubs the chance to get involved this year we've extended it to run for a whole month; local clubs now have the chance to get involved organise events and activities throughout October.

MAAA member clubs around the country will have a chance to be part of a national event through fundraising activities that will introduce newcomers to the sport in their area, and raise valuable funds for the Royal Flying Doctors Service (RFDS).

The Royal Flying Doctor Service is an Australian institution and has been regularly providing emergency and primary health care services to Australians living in rural, remote and regional areas of this vast country since the early years of the twentieth century. Almost 100 years on and this not-for-profit organisation still relies heavily on community support for funding to deliver these crucial services.

So, whether it's a weekend club get together with a sausage sizzle and some demonstration flying or a series of 'Have A Go Flying a Model Aircraft' days organised across the month by your club, no event is too big or too small. As well as supporting this worthy cause it's also a great excuse to host a few social events and share the camaraderie of flying model aircraft with newcomers and old timers alike.

MAAA President Neil Tank encourages local clubs to support the annual event by holding their own local events, as it's important to get more



Australians involved in our great sport. Extending this event across the whole of the month will mean there is plenty of time for clubs to get involved raising awareness in local communities and boosting local club membership across the country.

"The MAAA Royal Flying Doctors Model Flying Month is a great way to introduce the next generation to our fast-growing family sport. With more clubs expected to be involved this year there's an even greater chance to educate the broader community about the sport, with the bonus of even more great days out for members and their family and friends," said Neil.

"It also a great opportunity for a younger generation to experience the adrenalin rush and thrill of flight in a safe controlled environment", he said.

The Australian Model Flying Month will take place at various locations across the country throughout the month of October. The entry fee is a $5 badge and all proceeds raised go directly to the Royal Flying Doctor Service.

So how do you take part? Plan an event (a club flying weekend, a 'have a go flying a model aircraft' event, or even a fundraising BBQ) for a day or weekend throughout October then register your club's events with the MAAA Secretary (secretary@maaa.asn.au). The MAAA will send out MAAA Australian Model Flying Month badges for sale to your members and visitors as the entry fee to events. The badges are purchased from the MAAA at $5.00 each. Just let us know how many you think you will need.

The MAAA will also help promote your events with marketing support via Facebook, all you have to do is send the details of your event to editor@maaa.asn.au and we'll spread the word to the online MAAA community. Then all you need to do is encourage club members and the public to come along and enjoy the fun and camaraderie of model aircraft!



FLYING FOR AUSTRALIA AROUND THE GLOBE

A CHANCE TO TRAVEL THE GLOBE HAS BEEN A GIFT OF THE SPORT FOR AEROMODELLER BRUCE DECHASTEL

Travelling around the world to realise your dreams is something Bruce DeChastel knows well. His love of flying has sent him to exotic destinations to compete professionally.

The sky's the limit for Air Racing champion Bruce who's been to Russia, Romania, the Czech Republic, Sweden, England, France, Australia, America and Japan, thanks to his love of aero modelling, and he still has his sights set on a few more destinations.

"There is a good group of pylon racers in Singapore and Indonesia but I haven't got there yet, and a group in Mexico – they are two on my wish list," he says.

Bruce's love of travelling started back in 1985 when he travelled to his first overseas event, The F3D World Championships in Boston, USA.

"They were the pinnacle of that time and having the chance to compete against the world's best was super," he says.

Over 30 years later and the Gympie Pylon Racer still tries to do one trip a year.

"It is my sport, my passion and any holidays we have revolves around an aircraft competition – it's an excuse to visit a new country and get the experience from it," he says.

Despite the language barrier Bruce still manages to communicate, even if it means having to think outside the box sometimes.

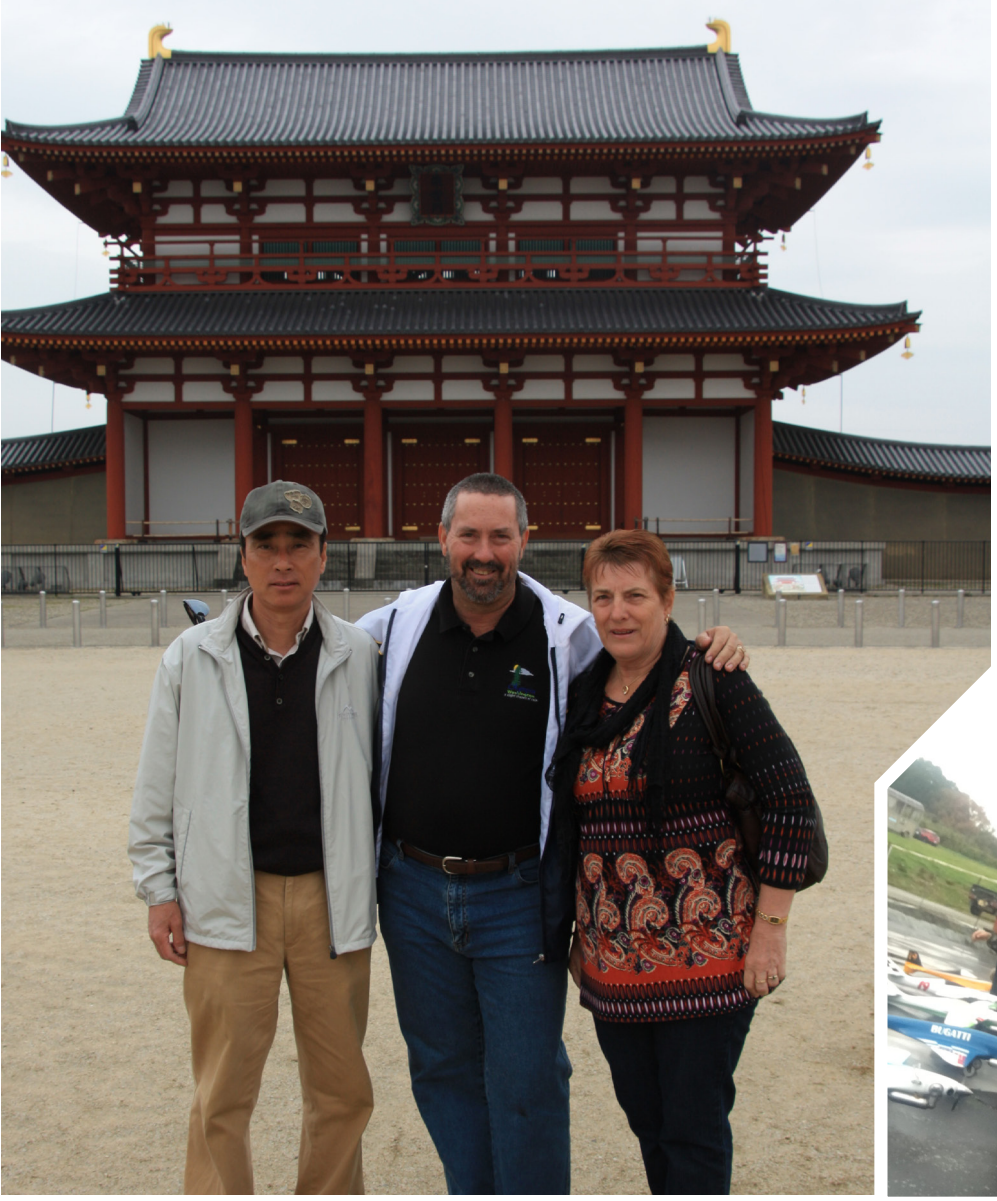
"I find out what they are talking about through things like charades," he says.

And he's not afraid to nominate a favourite from among all the destinations he's visited.

"Japan is my favourite place and I go there at least once a year now to race with the Japanese pilots. They are the friendliest and happiest group of competitors, there's strong competition too which makes it interesting."

Sometimes his role as an overseas visitor also extends to being an ambassador for the west.

"I was invited by the Russian Aeromodelling Association to compete in a three-day competition in St Petersburg. I won







the competition and it was more about them seeing what the western world was doing," he says.

And sometimes it's limited simply to the competition, and gives him the chance to experience the beauty other countries have to offer.

"I was in the Czech Republic two years ago to help organise the World Championships –invited as the contest director for the race, he says, "it is one of the prettiest places I have been to."

Flying in Europe is not just a chance to visit pretty places and Australia has put up a strong showing over the years in overseas competition.

"The European countries put more time in the presentation of their models over Winter when they can't fly. We can practice racing throughout the year so it gives us an edge," he says.

Competition is important but Bruce also loves the mateship in the aeromodelling community, and the diversity of the people he meets are travelling with his sport.

"The camaraderie is huge and when you get to the event you see people you seldom see for years – it's like catching up with old friends who all have a common interest in aircrafts and it brings you together like you're one big family," he says.

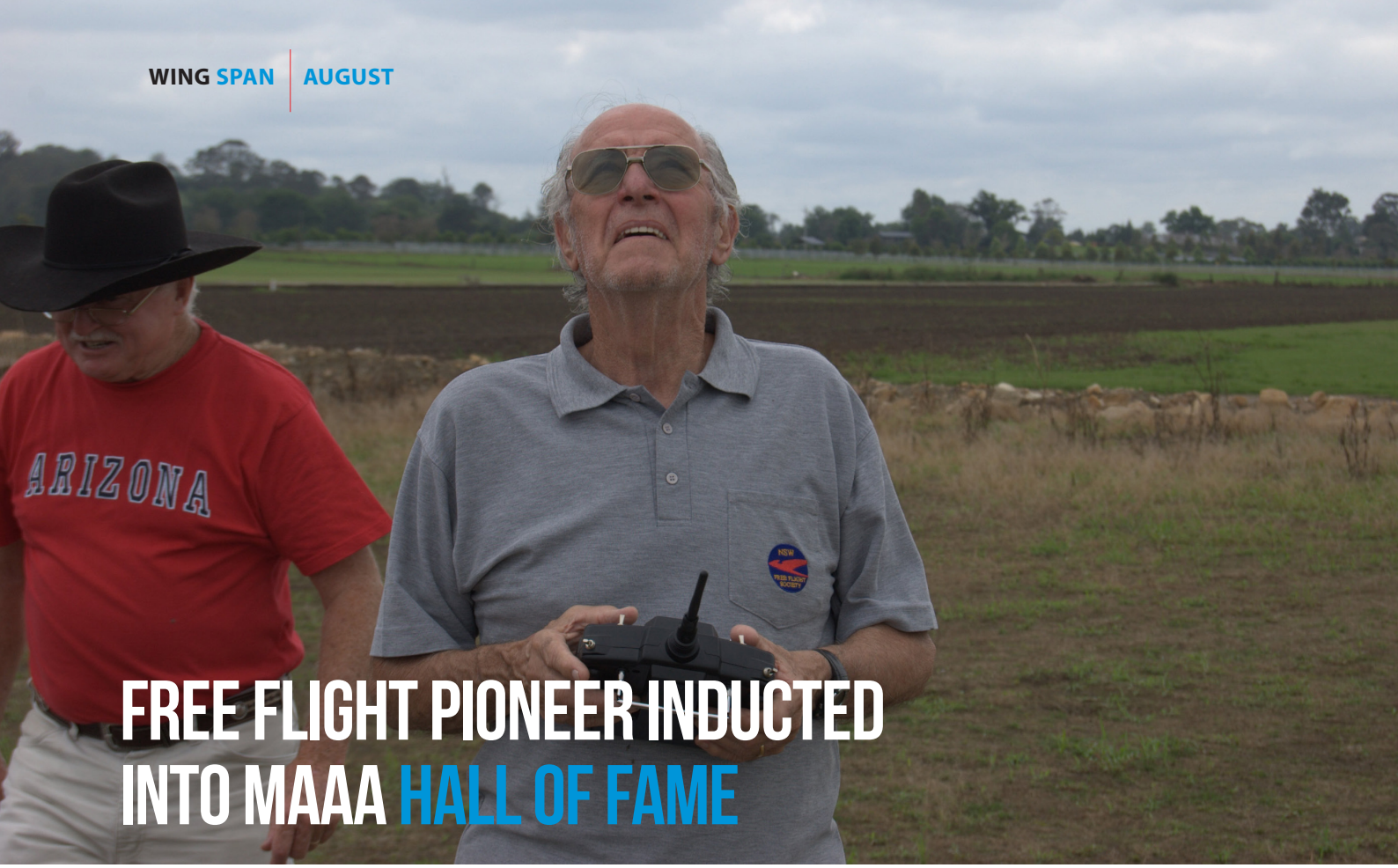
It's a common interest that covers many aspects including designing, building and painting and it also spans generations.

"It is educational, gives you a purpose and brings young and old together," he says.

More travel is on the cards for Bruce who will be attending the 2017 FAI F3D World Championship 2017 in Sweden next month as the helper for a New Zealand pilot.

"Also, we have just selected our team for next year and will work together to pick up the top spot in Hokkaido Japan for the F5D World Championships."

Looks like Bruce has already picked next year's destination.



FREE FLIGHT PIONEER INDUCTED INTO MAAA HALL OF FAME

Free flight and aero modelling trailblazer Barry Lee has been inducted into the MAAA Hall of Fame for his outstanding contribution and passionate service to the sport.

It's the well deserved recognition of more than 60 years of dedicated work supporting the MAAA, Southern Cross Model Aero Club (SCMAC) and the New South Wales Free Flight Society Inc (NSWFFS) as the registrar and in various other positions.

"Barry's dedication to free flight and modelling generally has been unsurpassed by any other member of our group," said NSWFFS President Terry Bond, "congratulations for the accolade and thank you for your hard work and dedication."

Barry has a colourful sporting history. He started modelling in 1950 by building a Wirraway from a K-Dee kit. but never got to fly it because it wasn't strong enough to hold the amount of rubber needed to make it fly.

In 1951, Barry was a pupil at the Granville High School where Ivor Stowe came to teach PE. Ivor gave some lessons in model construction and Barry was hooked, and he's been a committed aero modeller ever since. Barry has flown all types of models, indoor, control line, free flight and radio control.

Barry was a member of the Model Flying Club of Australia before joining the MAAA where he's been a member ever since. In the early 1960s he also joined the SCMAC and is a continuing member of the club today.

In 1969 with the help of Alan Edwards, Barry started producing the Free Flight Down Under magazine (FFDU) which is still published today and is currently distributed to more than 300 recipients worldwide

Barry was also elected secretary of SCMAC in 1969, and still holds that position today. He's also been the registrar for the NSWFFS for decades.

"Now in his 80th year Barry does not fly as much as he used to but his administrative skills have enhanced both the South Coast Model Aerosport Club and the FFS over many years and his assistance and devotion to that task has been invaluable," said Terry.

Barry's contribution to the sport has been huge says Terry and over the years, he's been the secretary, treasurer, registrar, editor of the Free Flighter, editor of the FFDU and web master for NSWFFS.

"He has been the mover and shaker with our web page and handles administrative matters with an urgency not managed by others in the field.

"He is also the complete committee of Southern Cross Model Aero Club. In addition, the inaugural (first time) life member of the NSWFFS. This includes having his MAAA fees paid for each year by the association.

"Barry has been on an amazing journey and his experience brought with it a rich heritage, and his dedication and contribution to the sport has been second to none," said Terry.

MEMBER RECOGNITION

MAAA 2017 Roll of Honour Awards

The MAAA Honour Roll dates from the 1960s when Bill Grabowsky was one of the first members to be awarded Life Membership for his services as Secretary to the club between 1955 and 1964. Since then it's become a MAAA tradition to recognise members who have gone above and beyond in either their performance as aeromodelling pilots or as members who give their time and effort to support our sport.

In 2013 the MAAA introduced a Service Medallion for members who have volunteered their services without request, to advance and promote the MAAA and model aviation in general. It sits alongside Life Membership and induction into the Hall of Fame, as one of the three ways in which exceptional members are recognised and honoured by the MAAA.

This year we are proud to acknowledge a crop of outstanding members who take their rightful place on the role of honour in recognition of their contributions to the sport.

MAAA Service Medallion Winners

Iain McLeay, MASA

Iain's passion for aeromodelling started when he was a lad of 12 and it stayed with him throughout his career as a pilot and captain for Qantas, and while he was living and working overseas. A regular at clubs, he was a committee member of SRCS in Sydney and joined the CMFC when he moved back to Adelaide in the mid-90s. With his partner Candy, he has lent his support to various events over the last 20 years as well as designing, building and flying many of his own aircraft.

Iain was a MAAA mode 2 instructor for over 30 years, the CMFC MASA representative for over 20 years, as well as Chairman of the Heavy Model Sub Committee of the MAAA for over 20 years. He adds to that contributions as a Heavy Model inspector, a Gas Turbine inspector as well as being a member of the MAAA subcommittee for large scale racing.

Malcolm Campbell, MAAQ

Malcolm Campbell has almost single-handedly showcased Australian Aeromodelling both in here Australia and internationally. His spectacular photos have featured in a wide range of print and online publications magazines including Aeromodeller, Airborne, Australian Model News and Southern Californian Aero Team SEN, as well as our own Wingspan. Malcolm has also been the editor of the Free Flight NSIG magazine (FFDU) and editor of the Brisbane Free Flight Society newsletter.

Stephen Vickers, ANSW

For over 25 years Stephen Vickers provided assistance as the RCAS and MAAA CFI. Stephen travelled around the Australia holding MAAA Instructor courses across the states offering training and guidance to countless members. During this time Stephen also supported his wife, Val, in establishing an MAAA Museum.

Life Memberships

Toni Annett Axon, MMAA

Toni Axon has been aeromodelling for 50 years and as well as competing in and once winning the control line scale in the National Championships, she has also spent many years as the administrator for control line. She was control line competition director at the Queensland Nationals at Amberley and is an FAI observer. She has been an accredited judge for scale free flight, control line and radio control and a control line stunt judge.

If that wasn't enough she's also the starter for most of the pylon races in Victoria, regularly attends MAAA conferences, often supplying refreshments for the delegates. In her home club, Melton, she is the working bee coordinator, safety officer, and organises Bunnings sausage sizzles to boost club funds. For over 25 years she has been an active supporter of the pylon World Championships and was at the control line World Championships in Poland and in Perth where she was also scrutineering combat models in the competition.

Hall of Fame Inductees

Barry Reginald Lee, NSWFFS, for Services to Aeromodelling

Barry has been aeromodelling since the early 1950s, kindling a love of the sport with early construction efforts inspired by Ivor Stowe. He graduated to membership of the MAAA via its precursor, the Model Flying Club of Australia, and has been a member of the Southern Cross Model Aero Club (SCMAC) since the early 1960s.

In 1969 Barry co-produced the Free Flight Down Under magazine (FFDU) which is still produced and distributed to over 300 recipients worldwide. He was elected secretary of SCMAC in 1969 a position he still holds and over the years he's been the secretary, treasurer, registrar, and editor of the Free Flighter, and web master for the NSWFFS website lending his many administrative skills to support the club.

Rob Fitzgerald and Mark Ellins

Rob and Mark took first place in the F2C Team Race, and set a new world record at the 2016 F2 World Championships Australia in Perth last year.

Murray Wilson and Mark Poschkens

Murray and Mark took second place in the F2C Team Race at the 2016 F2 World Championships Australia in Perth last year.

"The future of our sport depends on the kind of members we are honouring this year. The MAAA and all its clubs and members are indebted to them for their help in securing the future of our sport across the country and on the international stage. I would personally like to thank them for their effort and commitment over the years." Neil Tank MAAA President.



MEMBER STORIES : AARON GARLE

SOARING TO SUCCESS WITH A BIT OF SKILL AND A LOT OF HARD WORK.

While other lads his age were playing with traditional boyhood toys like cars and trains, five-year-old Aaron Garle was sowing the seeds of a lifelong passion for aeromodelling with his first trainer. By the age of seven he had graduated to his first proper scale aircraft, a Pilatus PC-9, and his passion had fully taken hold.

Today, over fifteen years later, he's represented his country overseas in International Mini Aerobatic Club (IMAC), or scale aerobatics events, and now teaches and mentors young pilots himself.

Aeromodelling is a family affair in the Garle household; dad David has been aeromodelling for over 40 years and is a member of the MAAA, as well as a life member of his former club, Loganholme Aeromodellers Radio Control Society (LARCS).

Despite that early influence, Aaron never felt forced to fly, it was just something he really wanted to do. "Dad was never one to force a hobby on me, it was something I chose from when I was a young boy," he says.

That said, the interest and support of his family, and the aeromodelling community, has still played a huge role in helping him achieve the things he has at such a young age.

Both Aaron and his Dad started out with LARCS, but they've been members of the Wivenhoe Aeromodellers Club since it was founded back in 2009. Before that they were members of the Calvert Aeromodellers R/C Society from its inauguration in 2005.

For Aaron, the friendship and camaraderie of the sport are a big draw card, and he's made friends around the world thanks to aeromodelling. But more than that he loves the discipline of the sport. "Compared to any other sport it's a lot more mental", he says, "it needs more mental than physical ability".

Aaron began teaching International Mini Aerobatic Club (IMAC), also known as Scale Aerobatics, back in 2008 and first represented Australia at the Tucson Aerobatic Shootout in 2011 where he placed 5th in Unlimited and 5th in Freestyle.

Since then he's represented Australia at the Clover Creek Invitational and IMAC Challenge in Tennessee, at the IMAC World Championship in Muncie USA, at the Futaba XFC Extreme Flight Championships in Illinois, at the FAI F3A World Championships, and at the FAI F3A Asian Oceanic Championships. "I'm very fortunate for the









opportunities I've been given in life to go and do these things", he says.

But Aaron's skills, performance and results are not just thanks to a few lucky opportunities, and he's worked very hard to be good at the sport he's passionate about.

"For me to get where I am I flew every single afternoon until the sun went down every single day. I was doing multiple flights a day and then my parents brought me a set of lights for my aeroplane and I kept flying after dark." he says.

It's this level of dedication that earned him a ranking of 3rd in the Freestyle at the 2016 at Clover Creek Invitational in Tennessee.

More recently Aaron was at Joe Nall Week at the Triple Tree Aerodrome in South Carolina, held in May this year. It's the biggest RC event of its kind with over 1800 pilots showcasing their skills over seven days of fantastic flying.

A feature of the event is the noon time demos where some of the best in class are invited to put on an aerobatic demonstration for the crowd. In a testament to his skill and standing in the scale aerobatics community Aaron was invited to take part in one of the demos.

When he's not globetrotting, Aaron spends his summer weekends patrolling the beaches of northern NSW in his role as a registered UAV pilot for Little Rippers. It's another way he gives back to the community with his flying skills.

The drones are fitted with surf lifesaving technology ready to be deployed if someone gets into trouble in the surf. "The drones drop a pod that inflates to a sausage tube as soon as it hits the water, and will stay afloat for 24 hours", he says.

But before he's back at the beach in NSW next summer he's representing Australia once more at the 2017 Tucson Aerobatic Shootout from 18 to 22nd October, six years after he first represented his country on the world stage.

With over 15 years of flying and almost ten years of teaching under his belt Aaron is starting to look like a bit of an old timer despite his young age, but it won't be long till the next generation of Garle aeromodellers give him a run for his money.

"I've got a younger sister who's 12 and she's just getting into aeromodelling", he says, "she's got a little a glider but wants to move into something a bit bigger so Dad's building her a trainer."

MANAGEMENT MATTERS

MAAA PRESIDENT JOINS LOCAL DIGNITARIES AT THE OPENING OF THE WARRICK AEROMODELLERS FLYING FIELD IN QUEENSLAND.

MAAA President Neil Tank joined Warrick local member of Parliament, the Honorable Lawrence Springboard MLA, Councillor Neil Meiklejohn, Warrick Club President Dennis Mooney and Mick Dallmann Vice President of MAAQ at the official opening of the Warrick Aero Modellers (WAM) new flying site on Sunday 19th June.

This was the second attempt at scheduling the opening which was postponed from April thanks to heavy rain. Bad weather looked set to interrupt proceedings again on Saturday night during a visit to the new site but thankfully the clouds cleared in time for the official opening the following day, which was conducted by Councillor Neil Meiklejohn. By happy coincidence the rescheduled event also coincided with the CASA Safety Conference which the MAAA President was then able to attend.

The small but dedicated band of Warrick club members have spent the last 15 months developing the site and have achieved a great deal. The new flying field is in Morgan Park, a reserve dedicated by the local council to sports and recreation, and has been named the Barclay field in recognition of two WAM members, Greg and Merry Barclay, who were the main drivers behind the establishment of the new field. "Future plans for the improvement of the facilities at the site will be another great drawcard for aeromodelling in Queensland and it will be a venue for future championships and other aeromodelling events", said Tank.



20 NEWS OUT & ABOUT warwickdailynews.com.au Thursday, June 22, 2017

Barclay Field is officially open

Aero modellers settled at Morgan Park

THE new Barclay Field at Morgan Park could be the venue for state championships in the future, according to Model Aeronautical Association of Australia president Neil Tank.

He travelled from Adelaide to speak during the opening ceremony for the new Warwick Aero Modellers club facilities at Morgan Park which have been developed by the club in the past 15 months.

"Aero modelling clubs are for the young and old, a 13-year-old won a competition at the last Adelaide Show," Tank said.

"I recall when my own son went to his first aero modelling day, he was deep in conversation with a 88-year-old.

"It will be possible to have state championships at Morgan Park.

"Aero modelling is a great sport but we must remember we are doing it for the fun and the company."

The field was named in recognition of the work of Greg and Merry Barclay.

Glenn Eastwell, George Bredenhof, Greg Barclay and Ken Gilliland.

OPENING: Lawrence Springborg MLA, Greg and Merry Barclay, Cr Neil Meiklejohn, club president Dennis Mooney and Neil Tank at the opening of Barclay Field. PHOTOS: GERARD WALSH

Member for Southern Downs Lawrence Springborg speaks at the opening of the Warwick Aero Modellers facilities.

Model Aeronautical Association of Australia president Neil Tank.

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Graham and Margaret Buchner, Merry Barclay and Rob Bondfield.

Merry and Greg Barclay watch as Cr Neil Meiklejohn unveils the plaque to open the Barclay Field at the Warwick Aero Modellers complex at Morgan Park.

Club President Dennis Mooney was full of praise for the small band of club members who have worked very hard over the past 15 months donating their time and equipment to ensure the field was in pristine shape for the opening. He also expressed gratitude to Warrick Council for their never-ending support and advice. It's a sentiment shared by the MAAA President.

"As I have travelled to many model aircraft clubs I have always been impressed by the way local country councils provide support, money and equipment to assist model aircraft clubs. Those who live in the large city areas are less fortunate". Dennis also expressed gratitude for the assistance provided by the MAAQ and MAAA.

During the opening, the MAAA President was invited to say a few words and in closing reminded all members, at Warrick and in all the member clubs of the MAAA across Australia, to remember even as they build why they joined aeromodelling clubs and what they are there for. "Aeromodelling clubs are first and foremost about members enjoying their passion in aeromodelling, meeting people with similar interests and most of all having fun," he said.

Whilst in Warrick, the President also took the opportunity to visit the Toowoomba Amateur R/C Aero Club TARMAC Model aircraft club and spent an enjoyable morning with the club members. But the rain had its way eventually, and a planned trip to visit the Toowoomba Aeromodellers Association (TAA) was a wash out as the field was filled with water when the President got there.



MAAA GIVES A WELL NEEDED GRANT TO RADAC FOR THE PURCHASE OF A NEW RIDE-ON MOWER

Ken Dawes the Secretary of the Roma And District Aeromodelling Club Inc. wrote the following expressing gratitude following a generous grant from the MAAA enabling them to purchase a much needed ride-on lawn mower, an extract of the email received follows;

I would like to pass on our thanks to the Committee of the MAAA granting us the funds to purchase the new ride on mower. This mower replaces a very old and tired unit that was donated by one of our members that was usually a challenge to start and use. More often than not we would have to bring our own mowers out when the grass needed cutting.

A small band of our members have worked hard to improve the facilities at our field over the years including erecting a donated shed and toilet. We secured some recycled road base that we spread on our road into the field as after rain previously, access was prevented due to the very sticky black soil.

We were also very fortunate to have some artificial turf given to us from the local tennis club following their grant to have the courts redone. Lots of very hard work was done over a weekend rolling up the old turf from a couple of the courts (It is very heavy as it is weighted down with sand) and then taking it to our field. Over the following months, we used some of the stockpiled road base to put a bed of gravel down then laid and pegged the artificial turf on top of it for use as runway for the smaller models that have trouble in the rougher areas of the field.

*A couple of months ago our club conducted a "**Have A Go**" day. While reasonably successful, it was hampered by strong wind on the day however a number of people did try their hand with the trainer on the buddy box which earnt its keep in the winds. A lot of the visitors just enjoyed watching and talking to our members, interested in how everything worked. We plan to have another one in the future.*

We have a few members here that joined because they were flying or wanted to fly Quads. To this end we have set up removable hoops and a bit of a racing circuit. This seems to be a way to get new people into the modelling scene as our new members have also gone on to fixed wing flying. One of them even went to the Drone Racing Nationals held recently at the South Coast as a spectator, vowing to compete next year.

I commend the MAAA and MAAQ for embracing these groups as I see it as a way to get the young people into our hobby.



WING'S OVER THE WEST

WINGS OVER WEST WYALONG WITH THE NEW SOUTH WALES FREE FLIGHT SOCIETY

The New South Wales Free Flight Society (NSWFFS) will once again play host to Wings Over West Wyalong from 21st to 22nd October 2017 at their recently refurbished field in West Wyalong. It's a great opportunity for a social weekend of flying, bush tucker and camp fire yarns.

The New South Wales Free Flight Society Inc (NSWFFS) is the state body for free flight in NSW, and in the 35 years since it was established the club has gone from strength-to-strength. Thanks to the dedicated efforts of club members, the 700-acre multi-purpose flying field now boasts great facilities including modern shower and toilet facilities for men and women. Powered camping and caravan sites are available and there's fresh water and a camp kitchen. If a bit of comfort is more your style there's also motel accommodation in West Wyalong.

At Wings Over West Wyalong anything goes, since noise is not a problem. From pulse jets to Cox 010s, FF, CL, or RC; big or small, you can fly them all. And when you're not flying there will be model engine displays that include running, buying, swapping and selling model goods, with plenty of room for everyone.

Club members have put a lot of effort over the last three years to upgrade facilities and make the field at West Wyalong a destination for aeromodellers. NSWFFS President Terry Bond thanked the hands-on support of club members who are passionate about the sport and want to ensure its future success.

"It's amazing how many people have offered their time and professional services to get things done – we really can't thank them enough," he said.

Terry said every time he visits the grounds to do work something great happens. And he's been overwhelmed by the incredible amount of support from the community.

"In three years, we've done a lot and held lots of workshops and working bees", he says, "it is wonderful, it gives me a real buzz."

"It's not just their time that members have been generous with, they have

also received goods. For example, several years ago the club got a library in the shape of 67 boxes of aeromodelling publications."



This could be the world's best and largest collection of books and magazines on model aircraft, says Terry, and includes the extensive collection of famous British flyer John O'Donnell.

The house at West Wyalong is crucial to the club and as well as housing the club's library it acts as a meeting place for members.

It's also crucial to Wings Over West Wyalong flying weekend, where aeromodellers can congregate, grab a hot coffee and share a joke or two about the day's flying, whether the mozzies have been biting, and who walked furthest through the canola fields to retrieve their aircraft.

Set up camp and be flying by Friday afternoon if you want. Then join the organised events over the weekend including an Ebenezer mass launch at 4pm on Saturday, and the best bush tucker you've tasted with a lamb spit roast and veggies round the campfire on Saturday night. The early risers can tackle a half hour walk with 'Campbell's Scramble' on Sunday morning at 8am, with tea coffee drinks and sausage sandwiches on sale from 8:30am to wash away the cobwebs.



Join the NSWFFS for a fantastic weekend of flying fun and friendship.

- A $20 registration fee includes a ticket in the raffle for a new in box mystery motor which will be drawn at dinner on Saturday night
- Registration must be paid before you fly and you need to show a current MAAA card
- Campfire dinner costs $20 per head, BYO chair
- Camping and caravanning costs $10 per head per night

For more information contact
Roy Summersby 0413 588 729,
Terry Bond 0417 027 579
Gary Pope 0417 268 478.

See you in West Wyalong in October.



JOB ADVERTISEMENT: MAAA SECRETARY IN 2018

Kevin Dodd, the MAAA Secretary, is retiring after 30 November 2018.

The MAAA are seeking applications for the role of MAAA Secretary so they can select a replacement for Kevin and ensure a smooth transition for the new Secretary.

About the role
Unlike most of the roles at the MAAA, the role of Secretary is a full-time paid position reporting directly to the President of the MAAA. As such the MAAA is looking for extremely high calibre candidates who will bring the skills and experience demanded by a senior administrative and managerial role such as this.

As the largest Aeromodelling Association in Australia the MAAA has a wide reach both domestically and internationally, and the bulk of the administrative responsibility for maintaining that position falls to the Secretary.

Requirements of the role
The role of Secretary is critical in maintaining the many and diverse stakeholder relationships the MAAA has with member clubs, affiliated associations, and representative and legislative bodies such as CASA, Local, State and Federal government as well as international bodies such as the FAI.

Responsibility for day-to-day administrative tasks, such as dealing with general enquiries and coordinating local events, team entries for international events, as well as the National Conference sits alongside responsibility for liaising with those stakeholders on behalf of the MAAA at the highest levels of the sport.

The Secretary is also responsible for maintaining the integrity of the sport among member clubs and is tasked with advising on, drafting, and updating the MAAA Manual of Procedures. It goes without saying, therefore, that nominees will be able to demonstrate a deep understanding of those procedures as well as a commitment to and passion for the sport of aeromodelling.

As a member of the MAAA Council and Executive Committee the Secretary is also charged with regularly attending and keeping a written record of all council and executive meetings and as well as distributing the necessary paperwork in advance of each of those meetings.

Next steps
I'm confident we have the skills and passion in our ranks to fill this challenging but also very rewarding role and I look forward to discussing this opportunity with some of those potential candidates. **For more information and a full job description contact either the President, Vice-President or Secretary. Applications close on 31 December 2017.**

Neil Tank

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Bigger crowds and spectacular flying at this year's MAAA 2017 Drone Nationals in Queensland

OUT & ABOUT

ADRENALIN-FUELLED FLYING THRILLS ON THE GOLD COAST

Australia's first and only premier First-Person View (FPV) racing national event came to the Gold Coast in July with the MAAA 2017 Australian Drone Nationals.

Racing and freestyle pilots from around the country battled it out for top honours over three days of excellent flying as FPV showed once again why it's one of the fastest growing sports in Australia.

Sixty-four pilots from 13 clubs put their skills, precision and agility to the test at speeds of up to 100km an hour in a bid to qualify for the competition rounds as one of the final 32. Competition in the five-lap race was fierce but in the end the final was won by 2016 champion Thomas Bitmatta who also took home a cheque for $3000. Ross Kerker took out second place and the runner up cash prize of $1000. Sam Heeps in third and Owen Littleton in fourth also took home cash prizes on the day.

18 pilots also competed in the Nationals Freestyle Competition where they were judged on technical skills and flow in a timed routine set to music. Freestyle pilot Dan Burnett took out the top spot and a cash prize of $1750. Kevin Boyer came a close second followed by Luca Bunda in third winning $750 and $250 respectively.

FPV racing is a perfect combination of high-adrenalin thrills and hi-tech gadgetry. Pilots create a virtual personal flight experience using goggles or a screen that connects them with an on-board camera attached to the drone. Pilot's get a drone's eye view of the racing track, becoming one with their craft as they fly at speed.

The MAAA 2017 Drone Nationals is also a great opportunity for FPV enthusiasts to come together and share the camaraderie of the sport as well as put their skills to the test in a competition environment.

Expectations were high going into the event that it would be bigger and better than last year and the 2017 competition didn't disappoint. Qualifying pilots set a new benchmark for excellence in drone flying as they pushed themselves and their drones to the limit.
More than 500 spectators followed the action on live feeds and updates, and a live cross to Channel 9 news took the thrills to wider audiences, raising the profile of the sport nationally and international.

The Drone Nationals wouldn't happen without the dedication from its organisers, who give up their time to make this competition happen. Thanks in particular go to Tighe Brown who headed up the organisation of this year's event and is also stepping down next year. We would also like to acknowledge the fantastic sponsors the Australian Defence Force (ADF), UAVAir, Australia's leading trainer for Remote Pilot Aircraft, the Civil Aviation Safety Authority (CASA) and of course the MAAA who set the standard for safety in the air.

Catch up with some live coverage from this year's event at http://audronenationals.com.au/ and stay tuned for details of next year's competition. Start planning now to join what's sure to be a bigger crowd enjoying this fast growing and popular sport.









Photos coutrtesy of Darren Moore





'JETS OVER THE FRASER COAST' FILL THE SKIES OVER MARYBOROUGH

Over 30 pilots put on a spectacular display of aerobatic flying at the annual "Jets Over The Fraser Coast" event organized by the Maryborough Aeromodellers Club (MAC) and held over three days in June this year. Powered by mini gas turbines engines some of these models can reach speeds in excess of 300kmh; they look, sound and smell like the real deal and they need a skilled pilot at the helm to keep control.

Gloomy skies quickly cleared making way for perfect flying conditions and at one point there were as many as 60 turbine powered models in the air over the Fraser Coast.

"That's a pretty good effort by the turbine community in Queensland. Many thanks go to the members of the Queensland Turbine Flyers Association Inc (QTF) and others that ventured to town for the weekend," said event organizer Steve Hughes.

The great and the good from the aeromodelling community dropped in to compare how the field shaped up against other clubs and demonstrate their aerobatic skills some more successfully than others.
Organizer Steve Hughes, suggested that his apparent reluctance to land under power at any time during the event thanks to the dreaded flameout may in fact have just been practice for a deadstick landing in pylon racing just at the wrong meet!

Tyson Dodd from Tingalpa Model Aero Club (TMAC) ventured from Bris Vegas to put the Elite Aerosports "Havoc" through its maiden flight; it's the biggest sport jet doing the rounds at present. "Next time you see Tyson you may ask him the name of the trophy he obtained over the weekend," says Steve with a laugh, it's something to do with having the biggest jet, he said.

Aaron "Bones" Garle from Wivenhoe Aero Modellers (WAM) showed what a large aerobatic turbine powered model in the hands of an IMAC pilot can really do while Chris Dawson from TMAC dusted off his Fly Eagle Jet F18 and Richard Symes, also from TMAC, brought along his unique Me163 Comet that needs a dolly undercarriage just to get it off the ground.

Stephen Thomas from Toowoomba Aeromodeller Association (TAA) was there with his Jetcat 300 powered Jet Legend Yak130, while Andy Tisdal from TMAC picked up the fastest model of the meet with his new "Flash" by CARF powered by a Jetcat 180. Andy's eyes must be getting on a bit as he has upgraded from his small F18.

The usual crew from Toowomba came up and brought their many and varied scale models and enjoyed the usual relaxation with a weekend away. Many other beautiful scale and sport models were on display and flown.

"At one stage on the Saturday afternoon with a full house on the flight line and others waiting in the queue it was like being at an airport or on a carrier," said Hughes. "The noise and smell of a turbine is addictive".

At the height of the weekend there were more than 200 spectators enjoying the aerobatic skills of a dedicated and talented bunch of turbine flyers. With so many attending and enjoying an incident free weekend it's clear the turbine community is going from strength to strength in Queensland.

The next big jet event going around in Queensland is the QTFly-in 2017 @ Goondiwindi Aerodrome on 11th, 12th & 13th August 2017. Check out the Queensland Turbine Flyers Association Inc Facebook page for more details.

F1D TEAM TRIAL WEST BADEN SPRINGS – 8TH WONDER OF THE WORLD



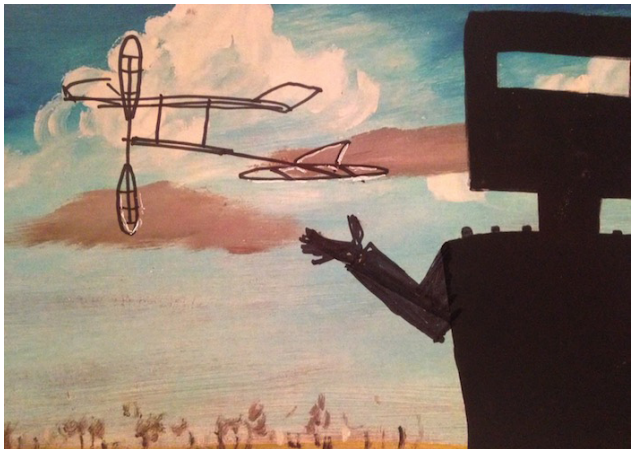
F1D Team Trial: Adelaide 10 Sept 2017

The next F1D World Championships for rubber-powered free flight indoor models will be held in the USA at West Baden Hotel in Indiana in 2018. The dates are: 18 March - 22 March 2018. A single Team Trial will be held Sunday 10 September 2017 to select an Australian team to attend the World Championships.

Where: The Gardens Recreation Centre, Parafield Gardens, Adelaide South Australia

When: Sunday 10 September 4pm-9pm (entry/set-up from 3pm).

Adelaide Aeromodellers will host the event as official organisers and will provide timing and processing for the event. Anyone interested should contact Contest Director Tim Hayward-Brown by email (tim.haywardbrown@gmail.com). In the lead up to the team trial, a regular email update will be sent to potential entrants/attendees with information about rules, material suppliers, plans and techniques etc.



West Baden Springs – 8th Wonder of the World

If you've ever thought about having a go at indoor duration flying – now is the time!

In recent years, Australia has been represented at the F1D World Championships in 2012, 2014 and 2016. The venues included a convention centre in Belgrade where the inside temperature was often 40 degrees plus, and the salt mines of Romania which were a bone-chilling 10 degrees all day.

This time it will be very different. The USA will host the event in 2018 within the comfort and extravagance of a 4-star hotel resort. Yes, this time, entrants will launch their models into the giant and palatial 19th century atrium of the West Baden Springs Hotel Resort in Indiana. With a dome spanning 200ft, when opened, the building was declared the Eighth Wonder of the World.

If you only fly at one F1D World Champs this century (!) this is the one to pick. Have a look at this video teaser: www.youtube.com/watch?v=Iu3CRi2SBdw

But F1D is so difficult you say? A lot has been said about the dark arts of indoor duration flying – but really – they are just overgrown, see-through Hangar Rats. And you don't even have to make wheels! If you think you might be interested, send me an email. I'll be sending out regular email updates to anyone who wants more information, how-to links or supplier contacts. Who knows? Donald Trump may even hand out the trophies...

Hopefully we will see you in Adelaide later this year for the Team Trial (10 September 2017). Tim Hayward-Brown (tim.haywardbrown@gmail.com)



THE 2017 NORFOLK ISLAND FLY-IN

In the last week of October the skies above peaceful Norfolk Island will come alive with the sights and sounds of model aeroplanes when the Tingalpa Model Aero Club joins the local Norfolk Island Club to present the **2017 Norfolk Island Fly In.**

Over the past four years the success of this annual event has become the highlight of the year for many flyers. One of the reasons it works so well is that Norfolk Island is a pretty unique model-aero flying destination. The Island is small yet has a huge variety of places to fly from, so depending on conditions on the day flyers simply hop in their cars to be 5 - 10 minutes away from a suitable flying location. From one side of the island to the other and one valley to another, Norfolk's micro-climates ensure there is nearly always a suitable place to launch from. Added to this is the sheer beauty of Norfolk Island providing one spectacular backdrop after another to planes darting across the sky.

Participating flyers in past years have brought over a range of planes and gliders for indoor, outdoor and night flying, all of which occur during the week. While some choose to bring a variety of planes both big and small, others will put together kit planes once on the island. There's no problem for appropriately licensed flyers to bring planes with jet turbines using A1 aviation gas as this can organised to be available for visiting flyers.

Travelling for the Fly-In of course offers a South Pacific Holiday in addition to the flying. Not only is this week of appeal to flyers, but also non-flying family and friends. There is so much to do on this little Island including historic and cultural tours and activities, swimming, shopping, reef snorkelling and National Parks. The golf course is within spectacular World Heritage listed Kingston, and the fishing is locally called 'catching'!

The local Norfolk Island Model Aero Club together with the Tingalpa Model Aero Club extend an invitation to all model aeroplane flyers across Australia and New Zealand to join them on Norfolk Island for the next Fly-In to be held from the 21st to 26th October 2017.

SPECIAL OFFER...

The Norfolk Island Travel Centre has prepared travel packages for TMAC starting at $1229pp twin share ex Brisbane and $1279pp twin share ex Sydney including airfare, accommodation, 7 days car hire, welcome and farewell dinners. Free call 1800 1400 66 or email jacqui@travelcentre.nf for an Information Pack. www.norfolkislandtravelcentre.com







Join Tingalpa and Norfolk Island Aero Club members at the...

Norfolk Island Fly In *'Allen Danvers Challenge'*

Holiday on Norfolk Island as you fly your model planes around the island. Enjoy a variety of flying locations set among convict buildings, cliff-tops, coral reefs, green valleys and rainforest.

Holiday Packages incl. airfare
7 nights accommodation
7 days car hire
welcome and farewell dinners
Fly-In T Shirt and more





21 – 28 October ex Brisbane from $1229pp twin share
20 – 27 October ex Sydney from $1279pp twin share

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P&DARCS SCRATCH / KIT BUILT

SCALE RALLY & DIORAMA COMPETITION.

November 11 & 12 2017

P&DARCS are again holding their very successful Scratch / Kit Built Scale Rally & Diorama Competition at their fantastic field located at Wenn Rd. Cardinia, South of Pakenham, Victoria.

The event is organizing to encourage modellers of scratch and kit built scale models to come and display and fly your models in a controlled atmosphere to ensure the safety of the model. Part built projects welcomed.
This is the event where the boys show their creations, why not come and be part of it.

The number of aircraft in the sky will be strictly controlled so that modellers have the opportunity to fly their models without the fear of midair incidents. There will be opportunity for very large models to have sole use of the sky.

There will also be a diorama competition where scratch and kit built scale models are displayed in a diorama setting. Credit will be given where the items in the diorama are hand built. Aircraft entered in the diorama can be static only or can be flown, and then parked back in the diorama area.

The flying field has 3 grass runways, 30M wide and the shortest being 130M long. There is a large pit area with shade structures as well an extensive 12volt DC charging points. Limited non powered camping is available with an onsite shower.

For more details see the P&DARCS web site www.pdarcs.com.au.

Good prizes will be offered for, Pilot Choice, Presidents Award, as well as lucky draw prizes during the weekend.

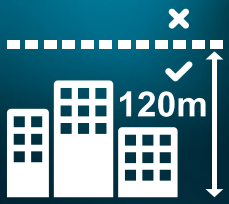
Australian Government
Civil Aviation Safety Authority



KNOW THE RULES – **FLY SAFE**



You must only fly during the day and keep your drone **within visual line-of sight.**



You must not fly your drone **higher than 120 metres** (400ft) AGL.



You can only fly **one drone at a time.**

You must keep your drone **at least 5.5km away from controlled aerodromes.**





You must **not fly over populous areas** where—if your drone was to fail—it could hit someone. This could include beaches, parks, or sport ovals where there is a game in progress.



You must keep your drone **at least 30 metres away from other people.**

You must not fly your drone **near emergency efforts** such as firefighting, search and rescue and police operations.



casa.gov.au/**drone**