



September/October 2005

Torque Back.

Volume7, Issue2.

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Members are reminded that:

New format MAAA membership cards are being progressively distributed. It should be noted that the new card **must be signed by the member.**

In signing the card the member is agreeing to abide by **all the rules and safe flying code of the MAAA inc.**

If a member declines to sign the card, the card is to be returned to the TMAA secretary for return to the MAAA secretary, TMAA & MAAA fees will be re-funded.

It is most unlikely that that any member would refuse to sign, however in the event of this happening, the card should be returned within 14 days.

Mobile phone policy.

In accordance with the MAAA Manual of procedures the committee have decided to adopt and abide by the following policy in the interests of flying field safety:

The MAAA Frequency Sub-committee has confirmed that there are sufficiently well recorded instances of mobile phones affecting model radio transmitters by corrupting the radiated signal, and also, and also modifying the stored memory in computer radios, to make their unrestricted use at model flying fields an unacceptable risk. It is also understood that the close proximity signal strength from a mobile phone exceeds the designed Electro Magnetic Interference (EMI) specifications of at least one manufacturer and is identified by them as a significant risk.

The MAAA strongly recommends that:-

- *All mobile phones be banned at radio controlled model flying fields at the following locations and in any areas between them:-*
 - The transmitter pound*
 - The pit area*
 - The flight line*
- *High power phones with an add-on amplifier are not used within 30 metres of operating aircraft.*

With the widespread use of mobile phones and benefits that they bring for general use, and also emergencies, it is not the intention to unreasonably restrict their use at model flying sites.

It is anticipated that the layout of most flying fields will allow convenient areas to be available, such as public viewing areas or the car park, where mobile phones can be operated safely and in accordance with this policy.

Consistent with the intent of this recommendation, a buffer zone should exist between where mobile phones are allowed and the location of any radio control transmitters in the transmitter pound or pit area. It is recommended that distance should be a minimum of 2 metres. (cont. page5.)

We are on the net!

www.hobartmodelaeroclub.org

Erwin boot has been really enjoying flying the editor's old Taurus. This is a fine old design from the early sixties and I passed it on to Erwin as the paintwork was getting rather chatty. I doubt that I have ever seen Erwin fly so well and, in the absence of as many students, he is having a ball. The old pattern models of the sixties era make very good sport models these days.

We welcome new members Matthew Faulkner, Alexander Hutchinson (junior), Jordan Smith (junior), and Paul (Woody) Woodward and know that they will receive any required assistance from their fellow members. In addition, Jim England has become a full member this year, rather than an associate as previously.

It was pleasing to see recently joined member Karen Jeffrey receiving flying tuition from partner Mark Leverton. We don't have many lady members actually flying, but Karen is pretty keen.

Former Phoenix Flyers member Andrew Hutchinson has been flying a very impressive Great Plains Pitt's Special biplane powered by an OS 300 twin four stroke. The model was a bit on the noisy side previously, however Andrew has managed to quieten it down by extending the exhaust system.

Andrew was unfortunate to badly damage his quarter scale Stuka when caught by a wind gust during a landing approach.

Another new member from Phoenix Flyers, Chris Lawson is noted for his preference for large scale models. Chris has a very interesting and ambitious project underway and the ultimate completion could be exciting.

Sunday 31st July saw the return of Chris Lawson's magnificent Bearcat which seemed to be somewhat quieter than before.

Peter Ralph has amazed by powering his Phoenix Trainer 60 with a very ancient OS 60FS. This was the first of the OS four stroke engines and was certainly not a power house. Strangely enough it provides ample power for the model.

The wonderful flying weather we enjoyed during

June was offset by some pretty ordinary weather during July. August, to date, has not been any better. You just have to take full advantage of the better weather when you can.

I had the somewhat daunting experience of my ASP 90 throwing a wooden prop blade in flight. Fortunately the engine stopped fairly quickly which prevented the model being shaken to pieces. The resultant dead stick landing was somewhat exciting in the strong wind, but a safe arrival resulted to the amusement of the onlookers. Cries of "she's gone" were completely unnecessary and showed a lack of confidence in my perceived flying ability.

Saturday 13th August saw the test flying of Andrew Hutchinson's ESM Gee Bee and Daniel Port's greatly modified Kaos.

The first flight of the Gee Bee was watched very closely and with great trepidation by all in attendance, as the model was expected to have as many of the dangerous traits of the full sized craft. The fears were groundless and the Magnum 120 FS powered model performed magnificently.

The modified Kaos also flew very well and should provide a reasonably suitable model for Danny to fly in novice pattern.

Greg England is our latest new member joining his father Jim as a full member. Greg is reasonably clued up on electric flight and should help to promote this aspect of our hobby. Welcome aboard Greg!



Officers Bearers 2005/2006.

President: Ray McCarthy.

Vice-president: Jan Wilmot.

Secretary: Michael Hawkins.

Treasurer: Mary Patterson.

Contest Director: Gerald Haley.

Public Relations: Nigel Dutton.

Newsletter Editor: Garth Wilmot.

Committee: Ken Jones.

Registrar: Garth Wilmot

Field Maintenance: Ken Jones & Bob McAllister



Andrew Hutchinson's Gee Bee and Pitt's Special in action.



Subscription rates for 2005/2006.

Senior member—\$190

Country member—\$160 (residing more than 50 km from Kelly Field)

Pensioner member—\$160 (holder of pension card)

Associate member—\$80 (affiliated with another club)

Associate country or pensioner member—\$50

Family—\$145 (spouse of member)

Family—\$95 (dependant child of member)

Junior—\$105 (under 18yrs @ beginning of membership year)

Social member—\$15



COMING EVENTS.

DATE	EVENT	CLUB	LOCATION	TIME
August 20	Pattern	LMAC	Symmons Plains	9.30
September 10	7 cell electric/combat wings	LMAC	Symmons Plains	9.30
September 24	Scale day	LMAC	Symmons Plains	9.30
October 8	7 cell electric/combat wings	LMAC	Symmons Plains	9.30
October 15	7 cell electric	NWA	Don Heads	9.30
November 5	Open thermal glider	LMAC	Symmons Plains	9.30
November 5	Pattern	NWA	Highclere	9.30
November 12	State fly-in	NWA	Highclere	9.30
November 19	Pattern	LMAC	Symmons Plains	9.30
November 27	Scale fly-in	PFL	Panzhanger	
TBA	Xmas luncheon	HMAC	Kelly Field	10.00
December 17	President's day & Xmas party	LMAC	Symmons Plains	9.30
January 21	Pattern	LMAC	Symmons Plains	9.30
Feb 18 & 19	State 7 cell glider championships	LMAC	Symmons Plains	9.00
Feb 25 & 26	State fly-in	HMAC	Kelly Field	10.00
March 18 & 19	State pattern championships	LMAC	Symmons Plains	9.00
April 15 & 16	State scale championships	LMAC	Symmons Plains	9.00
May 3 & 4	Scale fly-in	HMAC	Kelly Field	10.00
May 20th	7 cell electric	LMAC	Symmons Plains	9.30
June 17	All models day	LMAC	Symmons Plains	9.30

HMAC barbecue days first Sunday in each month. Further events will be listed as they come to hand.

(cont. from page 1.)As each field layout is different, it is up the local field management to decide how this policy should be actually, and clearly, implemented to ensure that it complies with these recommendations in a practical manner.

Mobile phones that are switched on radiate at regular intervals to maintain identification with the base station, not just when a call is in progress. Due to the difficulty in identifying whether a mobile phone is switched on or not, it is recommended that the ban apply to all mobile phones, not just those switched on.

In adopting the above recommended policy members are responsible in this regard and conform to the policy. It is realized that some members need mobile phones and a total ban on mobile phones would not be practical, however they must be left outside the pit area. On Sundays at least, phones could be left inside the clubhouse as there would always be someone there to answer the same.

The transmitter pound should be located at least 2 metres, preferably three, outside the compound. All models in the pits should be at least 2 metres from the fenced public area.

This may seem somewhat onerous, however safety is of prime importance.

To emphasise the impact of non-compliance, a couple of bulletins from the British Model Flying Association are listed below:

USE OF MOBILE TELEPHONES IN PROXIMITY TO ELECTRONICALLY PROGRAMMED TRANSMITTERS.

The JRCUC has reported that there may be a problem associated with operating mobile telephones in close proximity of programmable transmitters, causing the memories to be partly or fully erased. This problem has yet to be scientifically substantiated; however, it is generally known that RF radiation can disable or permanently damage some modern electronic devices.

Although the risk may be small, we believe it should be minimized by bringing it to the attention members and clubs. Pending resolution, we recommend that mobile telephones are not switched on within 10 feet of any programmable transmitter. This may appear to be an overkill, but better safe than sorry. Care should be taken during preflight checks to ensure that all controls are operating fully and in the correct sense and to ensure that the memory has not been affected by any undetected or unknown transmissions since the last flight.

SYNTHESISED TRANSMITTERS AND MOBILE PHONES.

Following the crash of an expensive gas turbine model helicopter, the investigation into the cause revealed that the synthesised transmitter being used to control the helicopter was interfered with by a nearby mobile telephone. In this case it was a Multiplex transmitter but it is possible the same could occur with other synthesised transmitters.

The transmitter manufacturer's instructions were scrutinized and found to contain a warning that mobile telephones were not to be used within the direct vicinity of the transmitter and subsequent trials revealed that the incident was repeatable with that transmitter. The UKRCC will be carrying out further investigations to determine the extent of the problem and will be advising in the near future.

The BFMA already recommends that mobile telephones are not taken into the pits or flying area for other reasons but be aware that mobile telephones could interfere with synthesized transmitters.

Newsletter

NO. 6/2005

President: Mike Close, PO Box 146, West Pennant Hills NSW 2125 Telephone: 02 9872 6469 Fax: 02 9871 0408
Secretary: Ivan Chiselett, 1 Watson Ave, Mont Albert Nth. Vic 3129 Telephone (03) 9897 1220 Fax (03) 9897 1445
 e-mail: secretary@maaa.asn.au
Treasurer Gary Anderson, PO Box 471 Devonport Tas. 7310
M.A.A.A. Internet: <http://www.maaa.asn.au>

Manual of Procedures

Over the past year several procedures have been added to the Manual of Procedures (MoP). Many existing procedures have also been amended due to M.A.A.A. Council decisions and input from members and Associations.

Life Member

At the 2005 M.A.A.A. Council meeting Tony Frizell was elected an M.A.A.A. Life Member. This is the highest award that the Council can bestow on a member. Tony's award was for services to the M.A.A.A. by the way of development and continued maintenance and enhancement of the M.A.A.A. Computer Membership System. Tony was MASA's Treasurer and Registrar for many years.

All State Registrars use Tony's system and without it their workload would be much higher. Tony developed the system that can be used at all level of the MAAA, Federal, State and Club. The M.A.A.A. Registrar and all State Associations use the system as do many clubs. Congratulations to Tony on receiving the honour of Life Membership.

Hall of Fame

Ray Cooper and Ray Pike were both elected into the M.A.A.A. Hall of Fame at the 2005 Council Conference for setting world records. Ray Cooper set a world record for F5-S (Aeroplane, electric motor - rechargeable sources of current) Distance to goal & return record of 54.3Kms. Ray Pike set a world F5C (Helicopter, electric motor) Distance in a Straight Line record of 4.90Kms. Congratulation to both Rays for this honour.

M.A.A.A Executive Elections Results

All M.A.A.A. Executive positions are elected for three year terms. At the 2005 Council Conference elections were held for the positions of M.A.A.A. Treasurer and Vice President. There was only one nomination for each position. Those being from the sitting members. Garry Anderson was re-elected as Treasurer and Theo Merrifield was re-elected as Vice President

Nominations for M.A.A.A. President & Competition Rules Secretary

The M.A.A.A. President and Competition Rules Secretary three year terms conclude at the Annual Conference in May 2006 and an election for the positions will be held at the Conference.

The position of M.A.A.A. President is very prestigious and requires a considerable commitment in terms of time and energy. He/she is responsible for the day to day running of the M.A.A.A. and implementing the policies and direction of the M.A.A.A. Council. The President chairs all meetings of the M.A.A.A. Council and Executive. The Executive generally meet monthly via a telephone link. These meetings usually last about 2 hours.

The President closely liaises with other members of the Executive and in particular, the Federal Secretary. The Federal Secretary, an employee of the M.A.A.A., reports to the President. It would be reasonable to expect that the President would have to devote about 1.5 hours per day to M.A.A.A. duties. It is considered essential that persons wishing to nominate for the position be very computer literate as all business between the President and Executive is via computers and the Internet.

Currently, no honorarium is paid but expenses are reimbursed. The President is expected to attend National Championships and World and Continental Championships that are held in Australia.

Duties of the Competition Rules Secretary include, examination and ratification or rejection of Australian record claims, providing advice in respect to technical aspects of the F.A.I. Sporting Code and the maintenance of M.A.A.A Official Competition Rules and Instructions. Currently, no honorarium is paid but expenses are reimbursed. Nominations are called for from Affiliate Members of the M.A.A.A. for the positions of M.A.A.A. President and Competition Rules Secretary. Both positions are for three-year terms

Nominations for the each of the positions shall be in writing signed by two Affiliate Members of the Association accompanied by the written consent of the candidate (which may be endorsed on the nomination) and shall be delivered to the Federal Secretary at the above address by March 3rd 2006.

New Power to Executive to withdraw Insurance if Close Out is not received.

In the event that an accident or incident occurs at a Club or Association facility or event, it is a requirement of the M.A.A.A. Manual of Procedures that they submit a report to the M.A.A.A. Executive detailing the actions they intend to take to prevent the recurrence of an accident. If the Executive agrees with the proposed action then the matter is considered "Closed Out" and that is the end of the matter.

The M.A.A.A. is very focused on improving safety and sees the requirements of the Accident/Incident Procedure as very important. Reducing accidents will lead to lower insurance costs and a reduction in the potential for our members to be injured.

In the past several Clubs and Associations did not submit a report and did not reply to the numerous requests to supply the report. At the 2005 Council Conference the Executive was given powers to strongly encourage Clubs and Associations to provide "Close Out" submissions.

If a "Close Out" submission is not provided after three requests the Executive have the power to withdraw insurance cover from the Club. It should be noted that the individual members of the club will still be covered but the Club will not. Also the Executive of the Club will be without the coverage of the Directors and Officers policy.

This action has the potential to have serious repercussions for the Club as if they happened to be sued the policy will not respond and it could lose all of their assets. Naturally the M.A.A.A. does not want to see this happen but Council has been forced to provide these powers to ensure that accidents and incidents are responded to in accordance with our Manual of Procedures.

Mobile Phones at Flying Fields

Attention is drawn to the M.A.A.A. Policy on Mobile Phones, MOP045 - Mobile Phones at Model Flying Fields. The document is in the M.A.A.A. Manual of Procedures which is on the M.A.A.A. web site. It basically states that mobile phones should be kept well away from radio transmitters.

Some members have an opinion that this policy is an overkill as it appears that their transmitter is not affected by a mobile phone. It is interesting that a major radio manufacturer recommends that mobile phones should not be taken near radio transmitters as the signal from them exceeds the design specification of their equipment. To ensure that radio transmitters are not interfered with by mobile phones members should be aware of and comply with the M.A.A.A. Policy. If your radio has been close to a mobile phone that was switched on check very carefully that it functions correctly before take off. There are reliable reports of information in the memory being changed.

Recently the BMFA (the UK equivalent of the M.A.A.A.) recently posted a warning on their web site which noted that investigations of an expensive gas turbine powered helicopter revealed that the synthesised transmitted used to control the model was interfered with by a mobile phone. The transmitter's manufacturer's instructions were found to contain a warning that mobile phones were not to be used within the direct vicinity of the transmitter. Subsequent trials revealed that the incident was repeatable with that transmitter although the exact cause is not known at the time of writing. Please follow the M.A.A.A. Policy MOP045 and keep mobile phones well away from transmitters.

Gold & M.A.A.A. Instructor Wings

The M.A.A.A. Council at their May meeting decided that effective immediately the initial issue of metal Gold Wings and M.A.A.A. Instructor Wings will be free of charge. This brings these wings into line with the issue of Bronze Wings. The cloth Gold Wings badge will remain at \$2-50 + 50c postage. Replacement Bronze, Gold and Instructor Wings will remain at \$6-00 each plus 50c postage. Free issue wings are only available through your State Association; replacement wings are available from the M.A.A.A. Secretary.

Computer Radios – Model Memory

I constantly hear of instance where members set their transmitters to the wrong model that usually results in a crash. Quite often the results are much more serious. A member recently decided to run his model in his garage. He set the throttle to low and started the model. The model started at full throttle and leapt towards him. In the ensuing mayhem he was badly lacerated and had his thumb so severely damaged that it was later amputated. He had selected the wrong model in the transmitter menu. The model that he selected had throttle reversed to the model that he thought he had selected.

Why not make sure that when you set up a model the throttle is ALWAYS the same for each and every model. That way if you do select the wrong model at least the throttle will be correct and you have minimised the possibility of being injured by the engine. Also get into the habit of checking your control throw before each and every take off. With the many switches and setting on the modern transmitter it is very easy to bump a switch or select the wrong setting. Also ensure that any control switches that you do not actually use are either inhibited or set up to make no change

Members are reminded to think safety at all times and set a good example to our new members. If you see them doing something unsafe, at the appropriate time draw their attention to the problem and advise them of the safe way.

BPL Submission to ACA

The M.A.A.A. has made a submission to the Australian Communication Authority (ACA) on Broadband over Power Lines (BPL). There is a possibility that BPL may radiate frequencies that may cause interference to some of our frequencies. The M.A.A.A. Frequency Sub committee will monitor and make submissions on behalf of M.A.A.A. to ensure that our position is put to ACA and everything possible is done to try and ensure our frequencies are protected.

For Sale

**CMPro P26 Peashooter, complete with Saito 91,
JR servos, etc. Much scale detail. \$600**

**Excell 7 Cell Glider(Greg Robertson).
2 wings. Complete less Rx \$550**

Laser 100 4 stroke \$250

YS 61 with Pipe \$200

**Enya 180 2 stroke with Pitts muffler
Just run in \$250**

GMS 47 2 stroke \$100, plus Pitts muffler \$50

All engines in VG condition

Swallow Park Flyer \$25

JR Standard, BB and Mini servos from \$10

**Open to offers Phone Pete Thompson 0364370832
0408140113**

From the president.

I think I'll take up kite flying, that about sums up the weather we've been having lately.

Still it's good to see some intrepid flyers persisting in all conditions.

At the last committee meeting, it was decided that we would start to take some decibel readings to establish a club noise standard. There is a procedure to follow for this and we will cover a range of aircraft from large to small, so if you are asked to submit your aircraft to this test, please cooperate, this should only take a few minutes. Once we have

averaged a number of readings, a maximum decibel reading will be established for any aircraft flying at our club, either member or visitor. If an aircraft is rated over the maximum noise level, the committee will work with that member to achieve an acceptable noise level.

As you should all be aware now, our new Web Site is official and will be constantly updated.

We should all be very pleased with the result, so if you have friends or relatives living away pass on the web site so they can spread the word about us.

Again, last Sunday we had walk in people with enquiry's about flying and learning to fly, this is encouraging for us. If you are at the field and people walk in, keep up the good work of making them welcome and point them to a committee member or the club house, we need as many new members as we can get.

Mobile Phones. We have as a club a policy; "**No mobiles switched on in the pit area.**" Information from M.A.A.A. now alerts us to the fact that Digital Mobiles, which are always sourcing a signal from a repeater, can wipe the memories of the newer type digital transmitters. We have asked that no mobiles be taken into the flight line. If it is necessary for interception of important calls, leave your phone with one of the ladies in the clubhouse. You are not going to be able to answer your phone if you are flying anyway, are you?

Lets all hope for some reasonable weather in the near future, so we can get some much needed thumb exercising, good flying.

Notice board.

Members are advised that the old hay stacked in the field can be obtained as garden mulch for \$1.00 per bale.

As your editor will be interstate from 29th August to 3rd October it would be appreciated if items for "Around the hangar" could be recorded and passed on for the next issue of "Torque Back"