

The TMAC Annual Auction



Yes folks, its that time of year again. This is our biggest fund-raising activity of the year. Modellers come from all over the country so it's a good opportunity for a social catch-up as well as the chance to grab a bargain. The committee has test flown the electronic auction system and its all go!

- **Food** - Classic Flyers will provide refreshments.
- **Kids** - can use the aviation themed playground.
- **Motorhome overnight** parking available
- **Stearman Flight** - Classic Flyers have again donated a sightseeing flight in their Stearman biplane. This will be auctioned with proceeds coming to the club
- **Fixed Price** -In addition to the main auction, there will be a side table for items to be sold at fixed price (generally below \$30).
- **Gold Coin** - We will also have a number of \$1 and \$2 items. These will be on a cash basis so bring some coin and folding stuff.
- **Free** - This year we will also have a selection of free items. You may have some stuff cluttering up your workshop which is of little value but which may be useful to other modellers. Bring it along and put it on the free table for others to rummage through.
- **Registration Forms** -It will help the registration process if you could fill out the registration forms before you arrive. Forms can be downloaded from the website, or contact the Secretary at taurangamodelfly@gmail.com. Note that there are separate forms for

AUCTION
SUNDAY 16TH JUNE

CLASSIC FLYERS MUSEUM
Jean Batten Drive , Mount Maunganui

REGISTRATION 8.30am AUCTION 10am

For further information
contact: Bill DeRenzy 027 4788 594
or taurangamodelfly@gmail.com

TMAC
Tauranga Model Aircraft Club Inc

auction items and for fixed price items. The registration form only allows 50 characters for a description. If you want to write an essay about what servos its got, or other details, tape a brief note to the model. Buyers can read this and the auctioneer can read it out.

- **Bundling** - If you have groups of small items to sell, please put them in a clear plastic bag and/or tie separate label on to them. Its always a hassle when there are several items in a lot and they get misplaced.
- **Registration fees** are \$2 for buy and sell up to 4 items, \$5 for 5 or more items. Bring cash!
- **Billing and Payment** -At the end of the auction you will be given a bill summarising your purchases and sales. Payment can be made by EFTPOS or direct credit to your bank account.

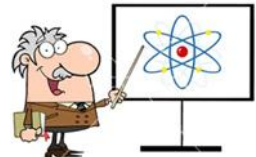
What has the Committee been up to?

In addition to planning the auction, another key focus for the committee is creating additional car parking at TECT Park. We have obtained quotes to further excavate the bund between the clubhouse and the access road, which will extend the current car parking area both North and South. We have approached a number of local charities for financial support and if successful we will get this project underway within the next few months (weather dependent). This will enable us to host events such as the recent aerotow where we established a weekend camp for visitors to stay over. To complement this, lights have been installed in the clubhouse. Depending on our success with fundraising, we will prioritise Area 1-3 in that order.



Restoring that old motor (by Prof Flapbracket)

Does your well used motor sound like a coffee grinder? Chances are the bearings are worn. This is particularly the case with fuel containing high nitromethane as the exhaust products are corrosive. Its not hard to replace the bearings – well within the average workshop and no special tools are required.



- **Source of replacement bearings** - Try www.rcbearings.com. They have a very simple site where you just search for your engine and they have full bearing kits available. Prices are reasonable – eg Saito 72 - US\$10, OS/ASP/Magnum 91FS - \$15. One week delivery to your door.
- **How to strip and rebuild** – look at <https://www.youtube.com/watch?v=TuzEco3EDUM> (part 1) and <https://www.youtube.com/watch?v=OLSoXPLGzOI&t=149s> (part 2)
- **Tip 1** – don't resort to hammering or pulling. If you use a little heat, the parts will just slip together.
- **Tip 2** – when reassembling, heat the outer part to around 150 deg C and put the inner in the fridge. The family oven is fine or if you have the tools use a heat gun (paint stripper variety). Check the temp by hand – if it hurts its hot enough. (I find that if I use the kitchen oven, I get a high pitched screaming noise in my ears for the following week – very strange)
- **Tip 3** – when reassembling, use a little “bearing locker” (Loctite 641 available from Blackwoods Safety, Mount Maunganui \$17). If the bearing is loose in the housing this will prevent the outer race from rotating. Apply when you pull the bearing out of the fridge. Can be used on the inner race too.
- **Tip 4** – If you have difficulty in removing a bearing from a blind housing (eg 4 stroke cam bearings), try this trick. The video says use candle wax but wet toilet paper is even better. It's a slow process but it works. <https://www.youtube.com/watch?v=f63tP-kH81c>. Use a heat gun and a cotton bud to remove the wax afterwards.

Now that you know the process, I expect all the old motors offered at the auction will be keenly bid for.

Useful Links

- Own your own Harrier? I wonder if he is related to Joe Nalls of model aviation fame?
<https://youtu.be/-PHcdn8R4d4>
- New Dambusters film – but not from Peter Jackson
<https://www.wingleadermagazine.com/issue5?page=45&fbclid=IwAR3Wv7HwFGU62F8zpX6Q2LGpcc08rCXUBBLYE-p-qd24ZvWNIKL9J51IV2s>

Nostalgia bit

Found in a 1961 British Aeromodeller magazine – a photo of club member Steve Locke. The photo is captioned “Young S. Locke of Burnley is about to test his A.P.S. Satan while senior H. Pickles makes sure of the tail setting. We hope this advice was heeded and only wish that more adult clubbers would look after the juniors”.

Many landings have passed and “young” Steve is now one of our elder members.

The comment about seniors helping juniors is just as relevant 60 years on. The dress code appears to have been more formal in those days!



Newsbits

New mower? →

(contributed by junior cub reporter Bill De R.)

Claimed advantages

- Lower ground pressure
- Improved manoeuvrability
- Higher mowing speeds
- Waiting list for drivers



Jaycar – has anyone been into the new Jaycar yet? This used to be a franchise business owned by Boonen Electronics, and based in Gate Pa. The new Jaycar is directly owned by the Jaycar parent company and is situated on the corner of Cameron Road and 11th Ave. Very friendly and a much bigger range in stock, particularly of electronic components, tools, screws, batteries etc.

Photo →

Mike and Tony trying out a laser ranging and height measuring instrument. This will be used for IMAC competitions.

Revised pit layout – the new pit layout seems to be working well with modellers now clear of passing traffic. When using this area, please set yourself up closer to the vehicle access rather than forward to the taxi lane. This will provide more clearance for planes taxiing out and in. It’s a pity that the Pukekos have scuffed up the taxiways rendering them temporarily useless !



TECT Park Forest Survey – TECT Park have engaged Interpine Group to do an aerial UAV photo survey of forest regrowth in 70Ha of the forest. This will cover our airstrip location. Interpine require a blue sky windless day so it is bound to be on the same day as our members are flying. Planning is in the early stages but we will keep you advised of likely dates and try to manage any airspace conflicts which may arise.

Classic Flyers 14 years anniversary – Pete Johnstone has recently given a series of indoor multirotor demonstrations to school kids. This was a huge success (particularly when he crashed! - several times?). He also flew at the recent Classic Flyers 14 year anniversary celebrations. Thanks, Pete, for promoting the hobby and the club.



← Kittyhawk engine start



3D Printed Construction. This model was 3D printed by a member of the Taupo Club →

‘Wings’ badges – In the latest Model Flying World there is a table of the proportion of model club members who have not yet gained their wings badges. We came out in the middle of the range with 56% of our members holding a wings qualification. Several clubs scored in the 90% level, but this is generally where the club is specifically dedicated to eg large scale where members have years of experience in model flying. Our ranking reflects a large proportion of new recruits into the model aviation world, and we encourage all of you to get your wings qualification.

Talk to a senior member next time you are at the flying site and get some guidance on the process.

See you all at the auction.

Dave Marriott
Editor

