

ROTOR TORQUE

October 2014 issue 136



Official Newsletter of the Melbourne Radio Control Helicopter Club Inc. Inc. no. A0014397D

MRCHC Members who currently hold St Leonards' field keys

Roger Chapman 0409 144 623 Jeff Sussman 0417 357 247

Coming Events

October 12	Fun Fly #5	MRCHC Cornish College.
October 12	General Meeting	MRCHC Cornish College. BBQ
November 29	Heligods funfly	MRCHC Cornish College. BBQ

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PRESIDENTS REPORT October 2014



As we start the new flying season our club continues to go from strength to strength. It's great to see all the old faces and the growing numbers of new faces. Our membership is strong having just pushed through 50 and with the new committee we all look forward to a great year.

There are some long serving members on the committee and I thank them for their continued contribution. To the new committee members it's great to see some new blood. The membership as ways is happy to lend a hand to keep the club in good shape- we recently had a working bee to prepare our clubhouse for new flooring and we all got stuck in and made light of a big task. A special thanks to Gerry, and some of our new members Phil and Duane for your contribution. You will also note that we have extended the main charging area having removed the Finney Suite. It all started when I sacrificed the glass window and then we had no option but to remove the door and wall! Don't stress though as we have left the Presidents Lounge in tact! All we need now for that room is a Bar Fridge and wide screen TV.

Our next fun fly is on Sunday the 5th October which is the first day of Daylight Saving. Please remember we can't fly on Saturday 4th due to the School's golf program and try your best to attend the General Meeting on Monday 6th October at the Club House. We will have a BBQ from around 7:00pm with an 8:00pm start. Daylight Saving also means a start to mid-week flying – this is a new activity and hope it is popular with the members. I understand we can start at 5:00 and fly till dusk

There are also a couple of events in the run down to the Xmas break. The State Championships will be held over the weekend 22nd and 23rd November at the State Field and Heligods will be running a FunFly on Saturday 29th November complete with Visitors, Vendors and a Pilots Draw. We will have our Xmas BBQ in early December maybe on Sunday 7th as we can't fly on first Saturday of December

In early January Radio Control Model News is hosting a modelling expo at Sandown Racecourse. This will be a trade show with flying and it would be good if we could put on a static display of models. More news on this soon

Jeff



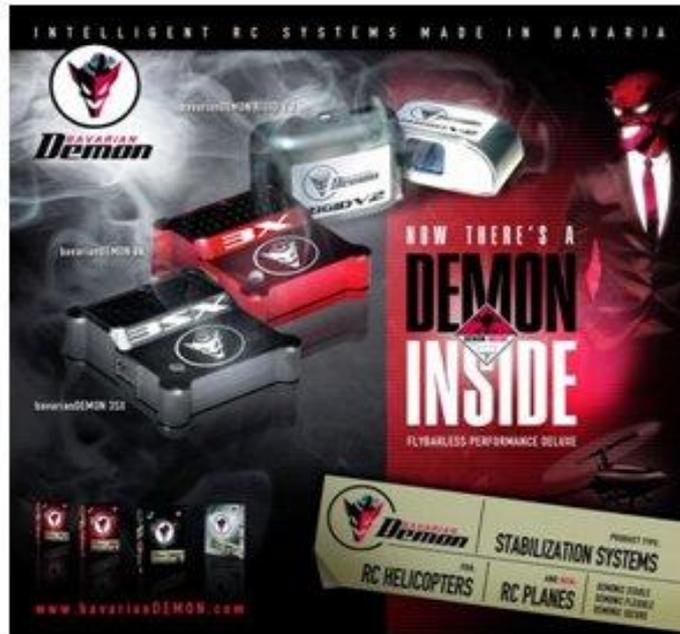
Jeff checking out something on Phil's identical Lama



Jeff's fabulous and huge scale Lama and all electric too

NEW RELEASE BAVARIAN DEMON NOW AVAILABLE!

FOR DETAILS CHECK ; NC HELIS WEBSITE or Ring Nick on 03 98536017



This is the latest BAVARIAN DEMON FBL system from Germany! Considered to be the best FBL in the World, this unit has the holding power for the fastest Speed Cup helicopters out there. Get your BD3X unit now and experience it's benefits for yourself!



Already, quite a few Oz heli freaks have experienced the benefit of this fine Bavarian Demon 3X (ex Heli Command) FBL unit. It's BAIL OUT feature is second to none and will save you heaps in the long term, in saved crashes!



Treasurers Report

Well this is my first report with my Treasurer's hat on but having said that I must mention the huge effort Brett Dargue has put in not only over the years as Treasurer for our Club but in covering the position when Paul Turton moved to Tasmania mid-term. Brett has also done a fabulous job in setting things up on Tidy Club and his offer has been graciously accepted to continue to assist in managing the Club Finances. It is really appreciated Brett.

Ironically one of my first tasks is organizing some expenditure but all in an excellent cause. This is for the new Club House Floor Vinyl. This is scheduled to be installed over several days starting from Tuesday 7th October. After our General Meeting next Monday night we will clear out the chairs and tables and move the fridge into the store room to give the flooring contractor a clear go.

Our next project will be to put down gravel around the Club House – this then will really tidy things up.

In terms of a financial update - I will have one for our upcoming General Meeting.

Roger Chapman
Treasurer

Li Po Batteries

In the last Newsletter (Issue 135) I wrote about some simple safety protocols you can implement on your transmitter – in essence a switch on your transmitter that arms the throttle stick and collective pitch on your Heli when you are ready, avoiding any accidentally knocking of the throttle stick after you have connected batteries.

This issue I thought I would mention some other things to be mindful of:

In our mobile phones, lap tops, power drills, cameras etc. as a rule these are Lithium Ion batteries which are inherently stable. In our hobby we obviously use Lithium Polymer batteries. These provide incredibly power to weight, rapid charge and discharge capabilities. But this comes at a cost – they can be unpredictable, potentially unstable and dangerous if you become complacent.

Things to be Mindful of:

Never charge a battery in your house. Fires that have occurred during a charge gone wrong are easily found on the internet. It is not worth the risk. If you don't have an outside area then you must never leave the battery unattended.

If you must leave a battery unattended (eg in the garage) when charging make sure it is on an incombustible surface such as piece of cement sheet – for small batteries I use a dinner plate and make sure there is nothing combustible nearby.

All my LiPo's I keep in and transport in metal boxes. These are inexpensive (\$19.95 at Bunnings) and measure approx 200mm X 300mm X450mm. You need to put a piece of cement sheet in the base to slow down the heat transfer should a LiPo go into self destruct mode but at least this will buy you some time.

As a rule the most dangerous times for LiPo's is when fast charging , discharging and if the pack is allowed to drop to a very low discharge state. When intentionally discharging a pack for disposal, it is during the last 15 to 20min, if it is going to, it will overheat and catch on fire. Arguably the contrary to what you might think would happen to a battery that is almost flat.

Ever wondered why the 'Warning - Not to be Air Freighted' label is on your recently purchased battery? A change in pressure can destabilize a battery and cause it to catch fire – you can Goggle this too as there is a recent example of someone not knowing the dangers, didn't declare the LiPo batteries in his luggage – It caused a Fijian passenger jet to turn back with a fire in the luggage hold. Fortunately it had a happy ending and the plane landed safely.

So having said all that I do love my electric Titan X-50 and all the fabulous advantages electric flight brings. Next time I will talk about how to responsibly and safely dispose of LiPo batteries.

So on that note - until next time, Safe Flying

Roger Chapman



Then Jeff had a brilliant idea!– “lets knock down a wall”.



Phil and his dad thinking they have almost finished prepping the Club House for the Floor Vinyl.

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Hobbies

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Nothing Phil's angle grinder couldn't sort out.



Finished and ready for the vinyl.



Brent's Goblin 750 mowing the lawn

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NEW JR 11X 2.4

Back in stock Easystar-Fox



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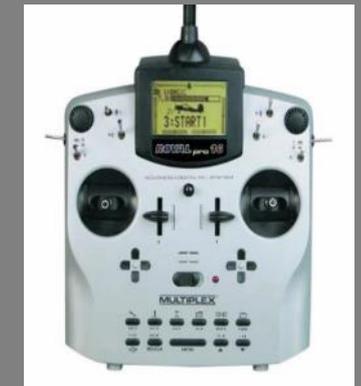
HITECH AURORA 9, 2.4



SEAGULL JUST ARRIVED Ryan Navion, Pilatus Porter, PC-9 RAAF colours



OS, Safo, Supertigre engines



MULTIPLEX 16 CHANNEL 2.4

BEGINNERS PACKAGES

If you are just starting out in the hobby there are quite a few options. We recommend starting from a ready to fly glider, electric model plane or helicopter up to larger engine powered types.

Wayne, Addie, Knut, Lucas and George are all active modellers. No hard sell, just good advice with competitive prices. We have a large range of stock and spares with all the latest accessories and building materials.

Phone and mail orders welcome.

Phone/fax: **03 9773 3955**

641A Nepean Highway Carrum, Vic. 3197.

Melway 97 C8. 200 metres south of Carrum Station.

addies_hobbies@optusnet.com.au

Closed Mondays and Public Holidays



The MRCHC has an outstanding safety record. The safety of our members and our visitors is foremost to the Club and so the following rules are in place to help maintain a safe flying environment. Please observe the following rules at all times.

1. No member shall fly or operate their **helicopter equipment**, which has not been tested and checked prior to first flight, is obviously faulty or is obviously in need of repair.
2. No member shall fly or operate **equipment** to the danger of others or in a manner as to present the likelihood of harm or injury to person's or person's property.
3. The **Frequency Keyboard** shall be used at all times where possible for 36Mhz . NO person shall fly or operate any equipment unless the appropriate frequency key is in position on the keyboard. No person shall **remove a Frequency Key** from the Frequency board apart from the owner thereof.
4. **Frequency Keys** are not required for 24Ghz Spread Spectrum but transmitters must be on the approved list Refer [MOP 058](#)
5. Any member or visitor found to have **caused loss or damage** to any other member's Helicopter, property or equipment through unauthorized operation of their own equipment or by dangerous or irresponsible behavior shall be liable for such damage or loss.
6. NO pilot shall take off or land in the **pit area**, fly over the pit area or the Car Parking area. Flying is permitted in Authorised flight areas only (ref. map in the Club House).
- 7 All pilots shall maintain 9 meter separation form their helicopters at all times
8. No member is permitted to fly unless they can be identified by **wearing a current Membership Identification.**
9. **Visitors** flying at the field must sign the visitor's book prior to flying: - Visitor Rules apply. A Current member must sponsor the visitor and brief the visitor of the club's Flying Rules.
10. A directive from a club **Safety Officer** or a Committee member shall be complied with immediately. Any dispute settled later by the committee.
11. Hovering in the **hovering area** shall not exceed 5 meters in altitude. Pilot must not hover the helicopter between the Pilot and the Pits.
12. The **hovering area** is for hovering, the model must not exceed walking pace.
13. **Mobile Phones** are not allowed on at the flight line at any time, Mobile Phones are allowed in the pits and in cars.
14. **There is to be no flying on Fire Ban days.**
15. All members who wish to fly on the **main flight** lines will require to have their Helicopter Bronze wings or greater endorsement. Visitors wishing to fly on the main flight lines will be required to have a member accompany them whilst on the main flight lines until such time as they have obtained their endorsement.