



## **The News Letter of the Hobart Model Aero Club Inc. September 2014**

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**News letter Editor**

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### **A message from the President**

The club is in the process of investigating the purchase of a new mower to replace the old blue model in the work shed.

As mentioned in an earlier newsletter the old ride on mower has reached its use-by date and is to be replaced. This mower does have some good spare parts though and I am advised the Brigs & Stratton engine is in good condition and runs well. Before we advertise in the local media, first opportunity is to go to the membership, so any member who is interested in making an offer please contact myself or any committee member.

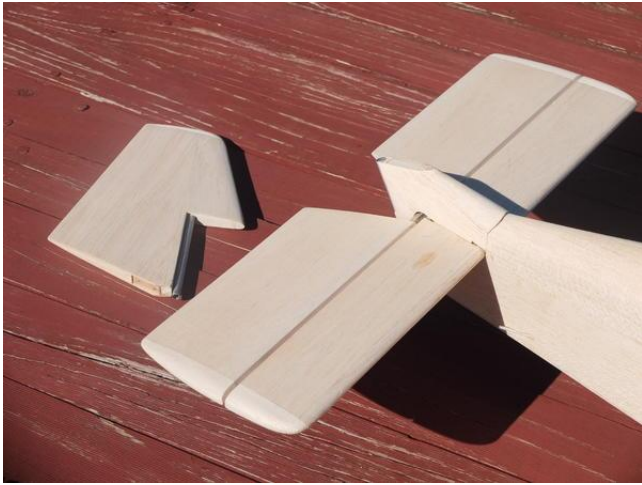
The idea is to have two fully usable mowers with a proper servicing agreement in place both to give us reliability and to shorten mowing time. We have a couple of possibilities in mind but another step is to dispose of the old one.

I would like to take this opportunity to welcome three new members to the club, Ben Dobie, David Kettlewell and Bob Miller and look forward to seeing them at the field in the near future.

Let's hope this spate of good weather continues, regards to all, Mike H

### **Chris Rowe's Pottier P70-S progress**





## **Rarebear pylon racing**

To keep members abreast of our proposal to run some basic pylon racing the latest info sheet sent to participants is printed below.

Jason and I were hoping we'd get about 5 to make it viable and were somewhat surprised by the response. At last count I think there were 11 Rarebears being prepared and what with painting the models so they can be distinguished in the air and other concerns emails have been going back and forth between participants and helpers at a furious rate. For those not familiar with Rarebears. They are a HobbyKing model about 2 ft wingspan and come as a complete package except for a receiver and unpainted (include a 4S Lipo). Total cost \$119 each. By all accounts they fly well but are often commented upon as being "Insanely fast" The clubs Vice President Big Bill offered to help and has been asked to be one of the Pylons - ideal - tall, straight, colourful and with looks that an accident can only improve. Garth offered to help pick up the pieces on the day which we accepted because of his extensive experience.

Jason has just released our proposed flying schedule. We have done our best to meet various scheduling problems for participants but if anyone has a difficulty with these dates please contact Nils 0408 554426 as soon as possible so we can make changes.

<b>Sun August 31</b>	<b>Preliminary testing of models and setting circuit details.</b>
<b>Sat Sept 13</b>	<b>Time trials (no racing) to establish heat groupings so we all get a good race. Also to test our planes and circuit.</b>
<b>Sun Sept 28</b>	<b>Race 1 of season heats and final</b>
<b>Sun Oct 26</b>	<b>Race 2 of season heats and final.</b>

**In Jan and April further racing will be scheduled, if any Rarebears still exist!!.**

**PLEASE NOTE - if the weather is bad on any scheduled day the race will be moved back one week. Check your emails if in doubt - we will try and decide the night before the race to let you know the new times.**

## **NEWS**

**The Rarebears have arrived and distributed to their owners and a very nice package they appear to be. The motor has a lot of power as the torque reaction even on 3S and without the prop on shows.**

They are easy to assemble with no obvious faults though the tail should only be glued in place once you are sure the elevator linkages are absolutely finalised.

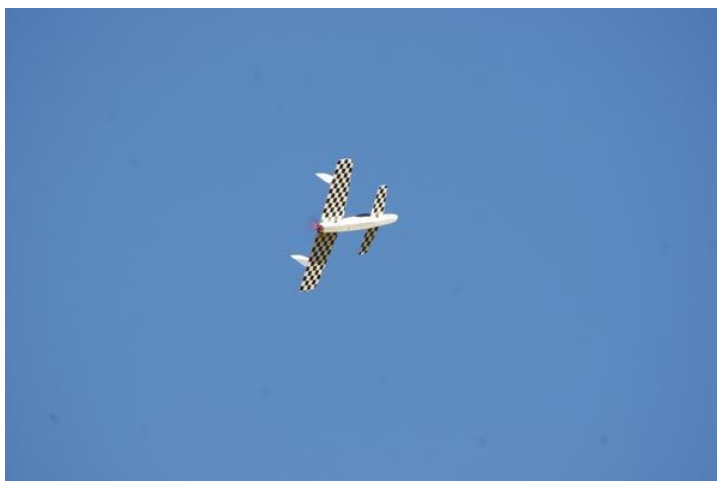
I know one Rarebear has flown (?). A fairly short flight but lessons for all were learned. Keep the control throws modest - the book figs are the max apparently. The good news is they are fairly crash resistant and experience indicates their ability to survive. Check the motor mount - from the forums this appears to be a relatively weak point easily strengthened. We are suggesting the model be tested

using a 3S battery instead of the supplied 4S. The forums describe the Rarebear as "Insanely fast" and for a model under 2 foot wingspan at 100+ mph slowing it down a bit might be a wise move. That's all for the moment gentlemen. More info as we get organised.

The pylon racing will not prevent the usual club operations on the days scheduled. We will try to fit into a normal days flying and all that will be asked is for pilots to leave the circuit vacant during each race which should take about 15 minutes.

Cheers Nils & Jason

### **From Peter's camera**



Just posting this to show what happens when you over prop a plane to make it go faster, the torque at full throttle tears the motor mount and the foam collapses under the stress. I will repair and strengthen with some checker plate. cheers PeterH





## **New Electric Trainer**

Thanks must go to Garth for his donation of the new electric trainer, and to Peter Ralph for all the effort he has put in setting it up

## **Events calendar**

The following events are in addition to the Rare Bear racing, noted above.

**Sunday 16th November**      **Electric Glider, rules to be discussed, but primarily one motor run last to land**

**Sunday 7<sup>th</sup> December**      **Fun Fly**

**December - Assuming we will have some kind of Christmas thing. This needs will be brought up at the next Committee Meeting**

**Sunday 18<sup>th</sup> Jan**      **Scale Fly in**

**Sunday 15<sup>th</sup> February**      **Rare Bear Race 3 of Season, if there are still Rare Bears left**

**March long weekend (28 Feb, 1<sup>st</sup> and 2<sup>nd</sup> March)**      **Electric Fly in**

**Sunday 29<sup>th</sup> March**      **Vintage Day**

## **Rare Bear definition**

I know where the name Rare Bear comes from.

Rarely takes off unscathed, Rarely fly's under control, Rarely lands unscathed,

Rarely goes past one flight before needing maintenance,

Rarely makes the pilot happy.

Hence the name Rare Bear.

Regards,  
Michael van Niekerk

## More Rare Bears



**The blessing You know what you gotta do so go forth and fly**



**Proof - forever recorded**



**A good shot of my Rare Bear at speed**

For our aspiring pylon racers, not sure how many but a number of Rarebears have flown, with varying success. I put a bungee hook on mine and this proved a good idea and made for a good launch with the model getting up to speed and good control almost instantly. What have we learned so far?

They are fast, in fact considerably faster than a very fast thing! They handle well but control throws need to be almost invisible. If you wonder if the throw is too much - it is! Have a look at a model that has flown .Most important - they are survivors able to take ground contact with little damage - How do we know? Just trust me.

### NOTE

Sunday morning Aug 31st is the test day - if you have not flown now is the time, if you have - come and give us a hand. We need to lay out the pylons and see how our ideas pan out. If the day's crook we may put it back a week but expect an email.

Good luck guys

## Note from the Editor

Any member whom has an interest in the activities of the Tasmanian Model Aeronautical Association, let me know as I can arrange for a copy of the last TMAA AGM minutes to be placed on the Club House notice board.

The next HMAA News letter will be the October edition so keep your articles coming.

## The Old Mower a Rover 2



## What is it?



## Club House

A gentle reminder to members. There is Tea and Coffee available in the clubhouse. We do not police it, but if you use the facility a 50c donation placed in the tin is considered a nice gesture