



# HOLDFAST BUZZ

HMAC proudly sponsored by  
**modelflight** RC

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**Pylon Racing  
Resumes this  
Sunday 4th Feb**

**1 pm to 3.00 pm**

No other flying until the  
heats are complete.

## GLIDER GUIDER JIM



Gentleman Jim Gardiner is having heaps of fun with this bargain glider that he picked up from the Model Flight stand at the HMAC November Buy and Sell Day.

The HMAC newsletter is your vehicle for sharing information, experiences, building projects, etc. with your fellow members. If you have photos of your latest model, a construction in progress or handy tip you'd like to share, please send it to The Editor at [buzz@holdfastmac.asn.au](mailto:buzz@holdfastmac.asn.au) for inclusion in a future edition of BUZZ.



Kingsley Neumann

**“Let’s not forget the other Committee Members who also generously provide solid support“**

## From the Acting President

Greetings to all HMAc Members. It is about four years since I stood down from the position of Club President. Terry Gold and then Geoff Haynes have occupied the position very competently since then. In fact, I thought that Geoff was doing such a great job that he could have been in it for life! But not so. He will be leaving South Australia for a new home in New South Wales at the end of March. Unfortunately, we did not have an elected vice president ready to take over, so I offered to take on the job until the next AGM in August. I am still the secretary, so I am going to be busy.

The good news is that thanks to excellent management by Terry and Geoff and of course our late secretary Ian Faulkner, the Club has a very solid and professional base to forge ahead from. Our finances are in the safe control of Treasurer Garry Crispin and he will be assisted by new Member Stewart Jackson who has kindly accepted the challenge to share the load thanks to his financial background.

Geoff is such a skilled IT expert that he quietly managed the extensive and informative HMAc Website as well as the Treasurer position for many years. We now have a new Webmaster, Steve Davies on the job. Steve has been a Club Member for many, many years and he has extensive skills in Website management.

Let’s not forget the other Committee Members who also generously provide solid support. Kirk Winters is an experienced Instructor who recently led the HMAc Team to the grand final of the hotly contested MASA Trophy Fun Fly event. Kirk is a hard-working Building Contractor who is coordinating our Safety Fence project. John Jefferson is also a dedicated Instructor and is heavily involved with the SA Aviation Museum. Bryan Christie is a dedicated Instructor and willing hard worker, involving himself in every aspect of the Club. And Mike Nelson who will take on any challenge thrown to him, is a

talented metal worker and a Master Chef on the BBQ.

We should all be very proud of the excellent and unique LIFT program that was introduced by your committee about 6 years ago. The training system, which allows beginners to learn to fly without a large initial expense, was suggested by the late Ross Lloyd with significant input by Geoff Haynes. Consequently, we have managed to keep our member numbers reasonably high despite the effect of Covid. HMAc has one of the largest memberships in South Australia.

I am pleased to report that we have had four new juniors join or about to join over the last three months. And we also have several mature age learners in the system as well.

We continue to have monthly informal meetings on the first Friday of the month at 7.30 pm in the Clubrooms. These meetings can be very interesting, in the ‘Show and Tell’ format, where people share their latest gadgets and projects.

It is my aim to promote more General Flying activities along the lines of the MASA Events, but at a Club Level. Just for fun. The format is not yet decided so any ideas will be given due consideration.

In closing, on behalf of all Members, I would like to say Best Wishes to Geoff and his wife Sandy in their move over to the east coast. Your help and guidance over the past twenty years has been invaluable.

***Model Flying Is Fun.***

The 2024 season for Pylon racing starts on Sunday 4th February at HMAAC

James Pudney has an RC Model project planned for his year 12 syllabus

## Pylon Racing

There was no Pylon Competition flying from December through January. The good news is that the teams will be back on deck from 1.00 pm on Sunday February 4th. It is fun to watch and you can even help by judging the turns. It is quite riveting to watch the action from close up. No general flying is permitted during the event. Why not wander over to the temporary pits at the northern end of the field and chat with the competitors?



## LIFT Training

Welcome to James Pudney, aged 17, who has recently joined the Club and started his Flight Training . He is shown above with Instructor John Jefferson, following completion of a recent practical lesson.

James is committed to an aviation related project in his year 12 studies. It involves building and flying a twin engine model which can perform tasks such as dropping objects simulating supplies etc. He already has the model. It is a Flite Test kit from the USA which resembles a B25 Mitchell Bomber. You can find video clips on You Tube quite easily.

We are currently investigating the CASA regulations and MAAA rules for Remote Piloted Aerial Systems. We will keep you posted on our investigations. Meanwhile James is progressing nicely through our LIFT syllabus.

Kingsley Neumann



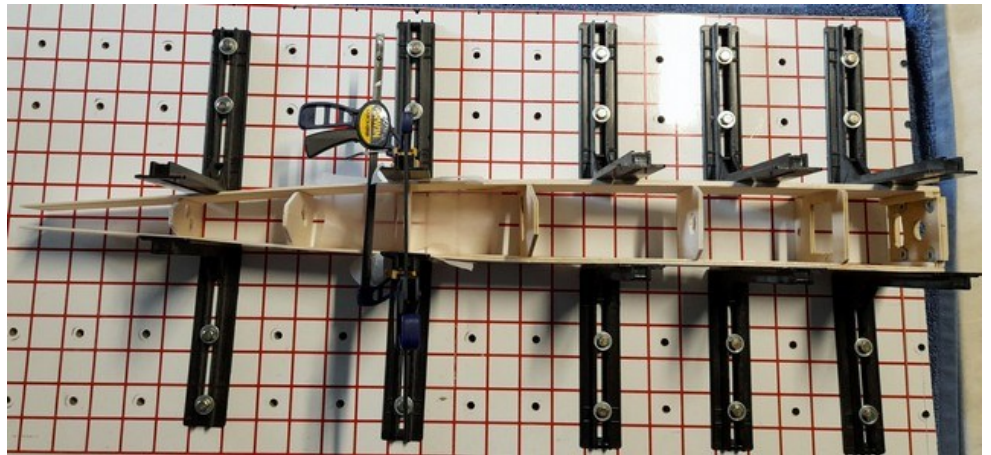
John Jefferson

“A trial fit showed that the relative positions were out by 2 mm “

## Hangar Queen to Oodalally John Jefferson

Construction of the Oodalally using parts removed from my Fokker DVII has been slow due to the Christmas holiday and family commitments. Nevertheless there has been some progress.

The fuselage sides, doublers and formers were cut to size and glued together using my building jig in order to keep everything properly aligned. I tidied up what was the DVII's top wing, made and glued new wing tips as well as cutting new ailerons. Interestingly the DVII wing's top section almost matched that of the Oodalally where the wing sits against the fuselage, which needed only a small amount of sanding to match. Lots of measuring and re-measuring took place to determine the location of the wing's front mounting dowel and rear bolt to fuselage blind-nut. A trial fit showed that the relative positions were out by 2 mm which meant the fuselage and wing were not exactly square so the front dowel was cut out, a new wing leading edge section glued in and a new dowel glued in the correct position. I'm sure the reason for the error was when I started drilling the hole for the dowel the drill bit moved slightly before biting into the balsa. Finicky but a necessary fix.



Tailplane and elevator halves were cut to shape and their edges sanded. I did a trial fit of fuselage, wing and tailplane to check if the angle of incidence was acceptable. No it wasn't; it was slightly negative which would adversely affect the model's flight characteristics. This would have been a result of me using the DVII wing instead of building a new wing according to the plan. Realigning the setup resulted in a 2 degree positive angle of incidence, most acceptable. Once again, a finicky fix but very necessary.

The fin and rudder were cut and sanded. After some minor adjustment to the rudder's shape I was happy with how it would fit.

The plan looked a bit worse for wear after being used to make cardboard templates which I then used to trace onto balsa sheets which were then sawn or cut to shape. My method of making a template is to lay the plan over a sheet of cardboard then push a pin through the plan into the cardboard at the various extremities of the particular item as well as any curved sections. The cardboard is then cut to shape, checked against the plan and trimmed as necessary, laid on the balsa and the outline traced in pencil. The item is then cut and trimmed to fit. Carbon paper could be used, if you could find it. Another option would be to get two sets of plans printed and simply cut one up to make templates, or alternatively sacrifice the plan itself. Personally I like to keep copies of plans for future reference; who knows, I may be willing to subject myself to building the same model but using the plan's wing.

Given that I'll be making the model with an electric motor instead of a glow engine

## Hangar Queen to Oodalally (Continued)

according to the plan, my next step will be to work out how and where to make and install a battery tray and where to mount the ESC, bearing in mind the effect of these on the model's centre of gravity. The elevator and rudder servo trays should end up where the plan shows. Another problem resulting from deviating from the plan is the need to make a battery access hatch. This will be a bit of a challenge but not insurmountable.

It's a slow process but enjoyable, watching a pile of balsa and bits of ply coming together to make a model that hopefully will be fun to fly. Notwithstanding an occasional setback accompanied by a choice word or two there is definite progress.

More to come.



## Location of First Aid Kits

CANTEEN SHED (Just inside doorway)

DEFIB DEVICE, CPR FACE MASKS,  
SNAKEBITE KIT, LARGE PORTABLE METAL KIT  
DeFib, CPR Masks, Snake Bite, Large KIT Box

CLUBROOMS (On western wall on top of cupboard):

SNAKEBITE KIT, LARGE PORTABLE GREEN PLASTIC KIT





## **SCALE SOCIETY – SOUTHERN CHAPTER**



**NEXT FLY  
IN**

**SUNDAY 11<sup>TH</sup> FEBRUARY 2024**



**10:00 AM**



**South Coast Model Aerosport Club  
803 Finniss Clayton Road Clayton Bay**

**All welcome, scale aircraft not  
compulsory – FLY ANYTHING  
BURGERS AND CHIPS FOR LUNCH**



### Diary Notes

Friday February 2  
Social Meeting 7.30  
pm at the Clubrooms

Sunday February 4  
Pylon Racing from  
1.00 pm to 3.00 pm

**HOLDFAST MODEL AERO CLUB**  
P.O. Box 94  
O'Halloran Hill SA 5158  
Club Phone: 08 8377 2708  
Web: [www.holdfastmac.asn.au](http://www.holdfastmac.asn.au)  
Newsletter Editor  
[Buzz@holdfastmac.asn.au](mailto:Buzz@holdfastmac.asn.au)

Newcomers to r/c modelling are catered for by setting aside every Sunday morning from 10 am when qualified instructors will teach all aspects required for the safe operation of the model. During the training period no other models are allowed to fly, ensuring the least possible distractions to the student.

### New Members

The Club extends a warm welcome to the following:

**James Pudney**

We trust that you will enjoy the facilities at Holdfast and have a great time flying RC

### TRAINING

Flight Training for Members has had to contend with wet and windy weather over the Holiday Period. We have had to cancel on a number of occasions. Fortunately the unusual summer has settled down now and we can get on with it!

### Flying Achievements

None since December 2023





### TOP Model Ventus 2CX De-luxe 4.5m Scale Glider

The TOP MODEL VENTUS 2CX is a beautiful glider supplied in a highly pre-fabricated ARF 1/4 scale version, covered with white Ultracote. It features a superbly moulded epoxy fibreglass fuselage with sliding cabin, fibreglass seat and dashboard panel, as well as foam core wings, covered with obeche veneer.



TOP Model Flip 2.0m RC Glider



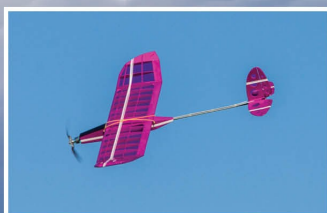
TOP Model Samsara F5J 3.2m Electric Glider



TOP Model Still Racer 1.0m Electric Pylon Racer



AeroNaut Helixx 2840mm Electric Glider Kit



Aeronaut Quido 1070mm Electric Glider Kit



AeroNaut Flixx 1680mm Electric Glider Kit