



“THE FLYER”

YARRA VALLEY AEROMODELLERS NEWSLETTER
June 2013

The Committee:

President –

Jon Goudge 0400 688 787

Vice President –

Bill Wheeler 9761 0323

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Registrar –

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News Letter Editor

Hugh Coleman 5968 1629



Daniel Goudge (watched closely by Jon) brings a Radian Pro in for a near perfect landing at the 2012 VMAA Trophy in the Electric Glider Challenge.

Members can have a go at this on Sunday the 11th of August – Inspired by a similar event at our Club Day a few months ago, David Hipperson has volunteered to run an “Electric Foamy Glider Challenge” for anyone who wants to turn up on the day. Further details are later in this issue.

Next Meeting - AGM

**Our next club meeting will be on the Monday 29th of July at
the Red Earth Centre in Mooroolbark.**

Newsletter now on our website at:- www.yarravalleyaeromodellers.com

WANTED

Any OS Brand Engines in good order or New.
Call Adrian Whiter 9739 6686 or 0419 535 460

FREE TO GOOD HOME

David Hipperson has a large collection of builders plans that he is looking for loving homes for. There are rubber powered Old Timers, Electric Sport and Scale and IC Sport and Scale plans available. David's only stipulation is that these should go to genuine builders and not just sit in the attic gathering dust. Contact David on 9728 4889 for a list of those subjects that might fall within your particular interest.

Please send all For Sale and Wanted adds to me at hrcoleman66@gmail.com

The YVA Committee would like to acknowledge the generous and ongoing support of

Andrews Scale Models

20 Hewish Road
Croydon VIC 3136
Tel: 03 9723 1003

Email: enquiries@andrewsscalemodels.com.au

Scale Model Kits, ARFs, RC Radio Equipment. Spares, Balsa and Building Supplies.
If he hasn't got it, he will make every effort to get it in.

YVA Club Auction

August General Meeting

Bring all your bits and bobs and make a quid

NOTICE

The Yarra Valley Aero Modellers Annual General Meeting will be held as part of the YVA General Meeting at the Red Earth Center - Brice Avenue, Mooroolbark Monday the 29th of July 2013.



Presidents Report

Happy New Financial year, and welcome to this edition of the YVA news.

The year has passed quickly and there has been some terrific events to cap off the year as one to remember.

I have had the opportunity to work with our treasurer and registrar in the process of membership renewal and am pleased that you, the members have responded well to the time frames for renewing your memberships this year. The process has been refined and ran very smoothly thanks to Adrian Whiter. New members will be receiving their new membership kits in the mail along with a welcome letter in the near future.

As I mentioned at the last club night , we are oversubscribed and so many people waiting to join will be disappointed, but that said it shows that we are

a popular club and well respected amongst the other clubs in Victoria.

We will be writing to those people who have been unsuccessful in the coming weeks.

July club day competition.

Just a reminder that our second club day is rapidly approaching so make sure you have your models prepared and ready to go, as this event hopefully will see an even greater number of participants than previous. On that note, make sure you come along for the fun and entertainment. These events have really become something to look forward too. (Details found in later pages of this News Letter)

July AGM

The AGM meeting will be the next club meeting and we need your attendance as per previous years.

Committee positions remain unchallenged however there will be some minor changes amongst the existing committee members.

Unless we have new nominations there will be no need to vote and Hugh Colman will administer proceeding as the club secretary and public officer.

TX Certification

In line with the club rule if you are operation on 29, 36, or 40Mhz you need to renew your TX certification (due every 2 years)

I can Confirm Peter Cousins will be in attendance to provide this service for a small fee, as it has been two years since his last visit.

Show and tell

Please bring along your show and tell as this remains a key feature of the club meetings.

We have seen some interesting projects over the years but I do want to remind you that we like to have a brief written detail on the project to incorporate in the news letter, so please be prepared if you want your project featured in our club news letter.

Web site

We are in the process of registering a new domain name and building a new web site (keep an eye out for developments on this front)

TRANSMITTER RECERTIFICATION

All Transmitters that are not 2.4 GigaHertz are required to be tested and certified once every two years in order to be VMAA legal.

Peter Cousins will be attending our next meeting and will be available to test your transmitter(s) for a fee of \$10 per radio.

YVA Fun Competition for Electric Sailplanes

Sunday 11th August at 10.00am

This is distinctly aimed at being a non-competition competition so make of that what you will!

The models are preferred to be ANY commercially available "foamie" electric sailplane with a maximum span of up to 2 meters. Should any built/commercial/competition type be used it can only win or place once.

Where "foamies" are used propellers are free but with no diameter or pitch greater than the size of the original. Likewise, the motor, ESC and prop should be absolutely as supplied stock but some exceptions may be allowed. Repairs due to damage or failure may have required replacement but in that case any replacement used call for the competitor to ensure it does not greatly change the character of the model's performance.

The Competition

Normal release will be group take offs of four fliers. Commonsense suggest that if just five fliers attend then we would release those five as a group. At the call to release the pilots are then given 30 seconds to climb to height. At 20 seconds the CD will give a count down from 10 to stop. At that point the flier will then cut the throttle and power may not be used again. Use of power after the call to Stop voids that flight. Any qualifying landing must be within our recognised strip.

The glide is for ten minutes. Last one down is the winner.

If more than one or any other models are still airborne at ten minutes a call will be made. At this point the called fliers have a nominal two minutes to land. To avoid conflict in landing pilots will be called in order and the intention then is to land as close as is possible to a marked cross. The closest model wins.

The comp', being short in nature, suggests that it should not interfere with other flying other than for a period of around 15 – 20 minutes. Bear in mind that the intentions are to add a bit of interest, have fun and keep everything good natured. The CD's call is final.

Regards
David

Editors/Secretaries Note:

Hello All.

I have been getting some emails from Members wanting to know when they will be receiving their club badges. Well, I have it on good authority that these are being printed as I type (slightly faster than two fingered). So, expect to see these in your mail box very soon.

Also note that the New Field Lock Combination will be printed on the back of your badges. Adrian will be able to give us details as to when the combination will actually change at the AGM.

You may have noticed that the Newsletter has been slimmer than usual the last couple of months. One of the reasons is that I am not getting any contributions for it from the members. Even the usual suspects have been keeping quiet.

I'd like to be able to show you all what I have been building, but to tell the truth, for the last couple of months, it has not been much. My wife decided that our renovations needed to be finished, and so the Bathroom, Floor Boards, and Back decking have been getting all of my attention... not to mention the odd emergency – such a large Wattle Tree coming down in the back yard on the weekend... So my Sopwith Pup, Goldberg Anniversary Cub, Etc Etc Etc have all been put on hold pending time to work on them and time to clear all the renovation detritus out of the shed so that I have room to work on them.

Wife asked me what I wanted for my birthday. I told her I wanted to go flying.

Anyway, enough of my rambling.

Note that the AGM is next Monday, along with Transmitter Re-certification. The next Club Day is this coming Sunday and our annual club auction is going to take place at the August meeting.

See you all at

Cheers and till next month,

Hugh

YARRA VALLEY AEROMODELLERS CLUB DAY

July 28th 2013

- Limbo
- Climb and Glide Electric
- Climb and Glide IC
- Touch and Go
- Bomb Drop
- Combat (Flying Wings only)
- Fun Scale Flying (NOT Scale Aerobatics) Judged on Scale realism as per VMAA Schedule for Scale Manoeuvrers 2012 (Expurgated)

- Competitors may enter as many or as few events as they wish. One entry per event per competitor.
- Entry is open to all YVA members regardless of flying standard, but the ground jury reserves the right to refuse entry on the basis of unsafe model condition.
- Any model can be entered in any event unless otherwise specified (I/C of Electric).
- Scale Models – Stand-off scale, ARF Scale, Scale.
- Fly-offs will be run in the event of ties.
- Frequency management applies for all events. The frequency board will be monitored.
- Junior entries open only to members under the age of 14 years.
-

Fun Scale Flying will be judged as follows...

TAKE OFF	MAX 10 POINTS
LEVEL FLIGHT FLYPAST	MAX 10 POINTS
FOUR Own Choice manoeuvres from the list below.	MAX 10 POINTS FOR EACH MANOEUVRE
LANDING	MAX 10 POINTS
REALISM IN FLIGHT	MAX 30 POINTS (see below)

Realism in flight is the main judging criteria, and includes:

- a) Speed of the model and engine noise (tone & tuning) max 10 points
- b) Stability & trimming max 10 points
- c) Size of figures & flight elegance max 10 points

Own Choice Manoeuvres are selected from this list.

Chandelle
Stall turn
Immelman turn
One loop
Split S (reversal)
Cuban eight
Normal spin (three turns)
Roll barrel / axial = must be nominated
Touch and go
Sideslip to left or right
Flight in triangular circuit
Flight in rectangular circuit
Flight in a straight line at constant height (maximum height 6 metres)
Wingover
Inverted flight

Fun Scale Flying Competitors are expected to use a caller. Manoeuvres must be nominated prior to flying and must be called clearly to enable the judges to adequately prepare. Any manoeuvre considered by the judges to be outside of the scope of the prototype will be marked as a zero (For instance, a WWI Model doing a Cuban eight).

Competition begins at 10.00 AM sharp!
The Field is closed for general flying during the running of this event.

Club Day Schedule

1

Limbo (2 x 2 Meter poles with ribbon across top)

- 5 passes each per heat.
- Successful negotiation – 10 points
- Successful negotiation inverted – 20 points
- Ribbon cut – minus 50 points

Note: Any model that touches the ground or the Limbo tape during a pass is considered to have completed its limbo attempts.

2

I.C Climb and glide

- Timer starts at taxi
- Take off and climb for 30 seconds
- Timer will give 5 second count down, At "0" back off to idle.
- Glide as long as possible
- Timer stops at touch down (Must land on the Mown Strip)
- Add 30 sec. to score if go "Dead Stick" after climb

3

Electric climb and glide

- Timer starts at Taxi or Hand Launch
- Take off and climb for 30 seconds
- Timer will give 5 second count down, At "0" turn throttle to idle.
- 2 minutes to return to ground (Must land on the Mown Strip)
- Starting Score – 20 Points. 2 points off for every 5 seconds over or under 2 minutes.
- Timer stops at touch down

4

Touch and Go's

- Timer starts at Takeoff.
- Takeoff and attain height
- Circuit, crossing each end of runway
- Touch and go
- As many Touch and Go's as can be achieved in 3 minutes.

Note: If the model comes to a stop or tips such that the prop is stopped during a touch and go, model is considered to have completed its touch and go attempts.

5

Bomb Drop

- Entrants have one attempt to drop a flour filled bag closest to a defined marker on the strip.

6

Combat

- Class competition for flying wings (Max 48" Span)
- Heats of 4 in the air at once.
- Streamers of set length attached via string
- Cut streamers attract 10 points.
- Mid air Collisions are not scored and may lead to disqualification from the heat.

7

Fun Scale

- All Sport Scale and ARF Scale models are eligible.
- Scoring as per attached Schedule. Judging is as per VMAA Trophy Fun Scale rules with selected maneuvers. (See Attached)
- Own Choice maneuvers must be nominated and a caller must be used.

YVA General meeting Minutes

Date: 24-06-13
Time: [8:00PM]
Location: LILYDALE Aero club rooms
Attendees as per the registration book ()

Agenda

1. **Welcome to June Meeting**
Visitors
Ken Thompson
Apologies
Bruce Thompson, Ted Wilson, Jarad and Daniel Goudge.
2. **Previous Minutes acceptance.**
Bill Wheeler, Bill Coombs
3. **Correspondence in/out**
Letter from VMAA – Notice of VMAA AGM.
4. **Treasures report**
Club Cheque Account - \$9,185.11
Money Extra - \$3,848.90
5. **General Business**
 - A white board has been installed in the club rooms for general use – Training days etc.
 - A training day will be held September, Date to be confirmed.
 - Bill Wheeler presented with Bronze Wings.
 - AGM will be end of July.
 - Call for Nominations, But existing committee will re stand for nominations
 - There has been another accident at the field. An injury was incurred.
 - Jon Spoke to the effect that flyers should take great care if flying alone – preferably not to do so at all.
 - Noted that if flying alone or with others, not to lock the gate while flying as ambulance access will be restricted.
 - Raffle to be arranged to have a major prize on occasion.
 - A reminder of Show and Tell, paragraph to be provided if members want their show and tell in the news letter.
 - Roger Eggleton reported that his Seagull PT19 that he won at the Christmas Raffle two years ago is flying very nicely.
 - Electric Fence sockets have been dug up and re-installed. Volunteer called for to de-rust and paint these.
 - John Bird passed away recently. Many of our members attended the funeral last Friday. John was a gifted artist as well as an avid aero-modeler. Long battle with cancer, during which john took part in many experimental treatments.
 - Suggestion for a brass plaque system for late past members.
 - AGM is next month and Peter Cuzzins will be recertifying transmitters.
 - Talk of 2.4 and endorsed radios. MOP 58 is the go to document regarding this.
 - Club Auction Night – August club meeting (26th)
 -
6. **Show and Tell**
David Hipperson
Showed a Propeller that a late friend of his had produced by means of a home made carving machine.
David showed the MVVS motors and the Turningy version.
Arthur Green
PZL - a pig to fly (Greg Lepp Test Flew it) It does not want to turn. Arthur hopes to improve it.

Subject for Scale – Gloster Gorcock.

Between the wars, the powers that be (at least in Britain) were persistent in their opinion that Biplanes were the way forward for Fighters and Interceptors.

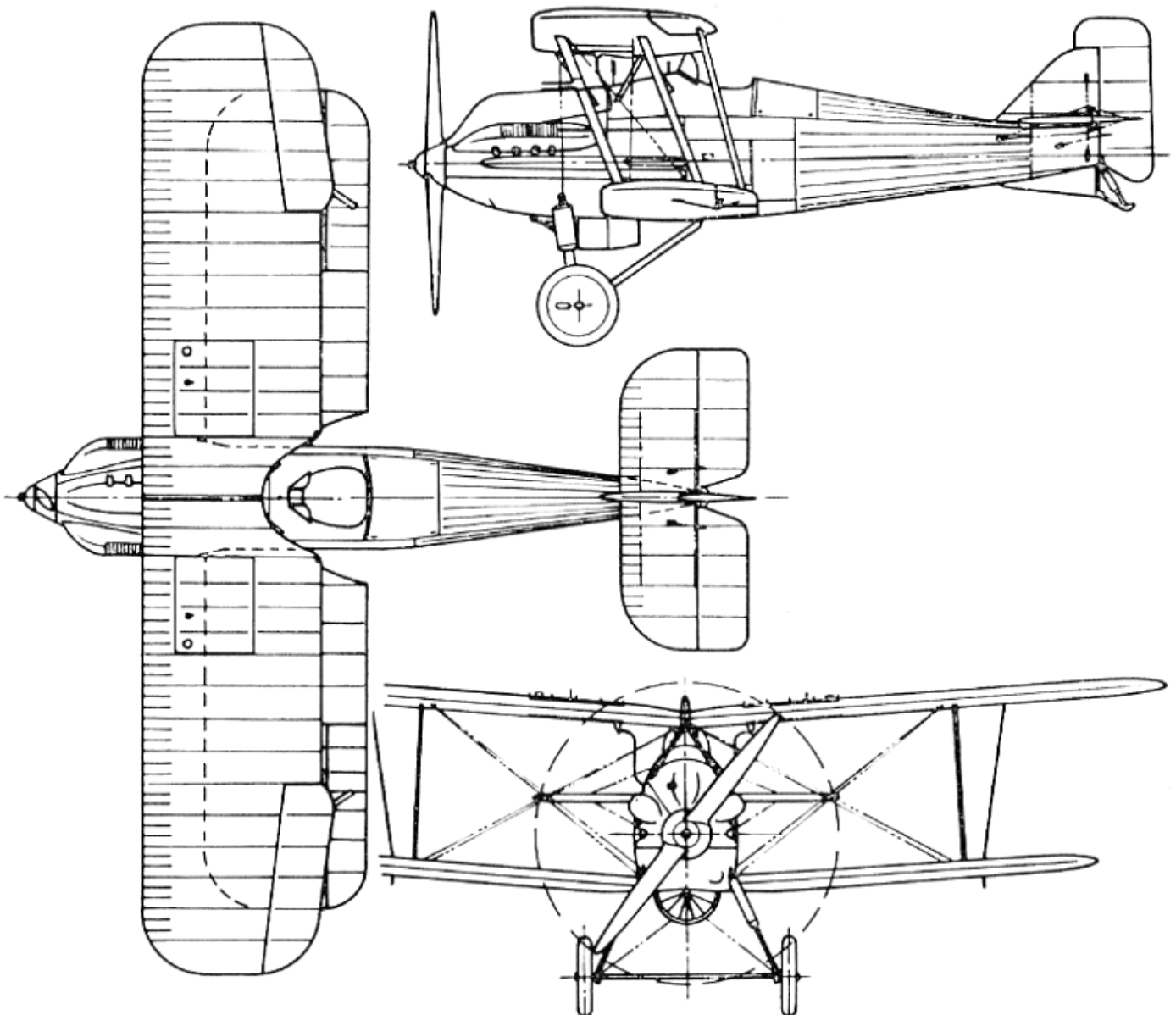
Consequently, the various manufacturers during this period tried many engine variations with their designs in order to achieve the maximum performance from the airframes.

One such was the Gloster Gorcock – actually a predecessor to the Gloster Gamecock built to a request by the Air Ministry to specification F7/24.

Only three prototypes were built, all powered by the Napier Lion engine made famous in various British Schneider Trophy machines.



Wingspan	8.69 m	29 ft 6 in
Length	7.94 m	26 ft 1 in
Height	3.10 m	10 ft 2 in
Wing area	23.22 m ²	249.94 sq ft
Max. speed	280 km/h	174 mph





PZL P6-7

Arthur Green's PZL P6 Prototype is now finished and has flown thanks to the test piloting skills of Greg Lepp. All reports claim that it flies well in a straight line. Arthur says (and Greg concurs) that it's roll response is not... spectacular. In fact Greg had great difficulty in getting it to bank at all - so most if not all turns were done with Rudder as the primary control. Arthur also says that for anyone considering building a gull wing model – don't!!!

Nevertheless, it looks great and Arthur should be very proud of his efforts. He says he may make a few alterations and give it another test flight.