



# THE GEEZER



OFFICIAL JOURNAL OF THE W/A MODEL AERO CLUB (INC) AND  
SAM 270 WESTERN AUSTRALIA

Issue 5: March – April, 2011



## EDITORS RANT..

It would appear that our “gentlemanly” hobby still has a way to go when it comes to relations with our fellow man. There have been a few “frank exchanges of view” at the field recently with accusations of impropriety made that have no basis in fact and without any evidence to back them up. This is just not on. If you have a beef about something, bring it to me as the “Interim” president or to Ian Dixon as the Secretary/Treasurer. We will listen and act accordingly. Please refrain from mouthing off at others when you don’t have all the facts.

### Constitutional Matters

Due to a lack of member interest, the constitution upgrade has been put on hold. This is disappointing as a strong constitution is vital to any club that wants to operate in this modern world of diminished responsibility – but so be it. This matter may come up on the agenda again in future if the SAM270 membership drive is as successful as we hope it will be so don’t forget iabout it just yet!

### Baartz update

As you are all aware, the SAM270 “Dalai Llama” has had a rough couple of years with his health and was just starting to get back on his feet (metaphorically speaking) when he was laid low once again – this time by personal family tragedy. We are all deeply distressed for Paul, Greta and the extended Baartz family after their son passed away suddenly on March 13, 2011. All members of WAMAC and the aero modelling community offer the Baartz family our sincerest condolences.

### SAM270 – Rebirthed

Well, it’s done! SAM270 is reborn within WAMAC and will assume its rightful place as the pre-eminent organization for the antique and old timer movement in WA. All current financial members now have a SAM270 number and all club comps will now be run as SAM270 events. Points will be tallied and go towards the SAM270 champion of champions trophy “The Paul Baartz Shield”. Trophies and medallions will be provided for individual events. At this stage we plan to have a perpetual trophy for each event and medallions for the first three placegetters. See SAM270 1/2a Texaco report on page 4.

### 2012 Nationals

The “Nats” are upon us (almost) and planning is underway for Easter 2012. The Nats committee has met and at this stage the plan is for all the SAM RC events to be held on the last three days of the last Nats week to allow enough time for those that are going to Canowindra in 2012 to get themselves and their gear back in time to compete.

### The monthly hobby horse..

I know I am sounding like a broken record but like my hair and unlike my waistline, things are getting a little thin around here as regards content. Please – if you have ANY kind of article AT ALL I want to see it. I want content and nothing is too old, obscure or out of focus for it to be included. Thanks to Rob Rowson, Rob Bovell and Dicko for their contributions this month – and the rest of you are on notice!!!!

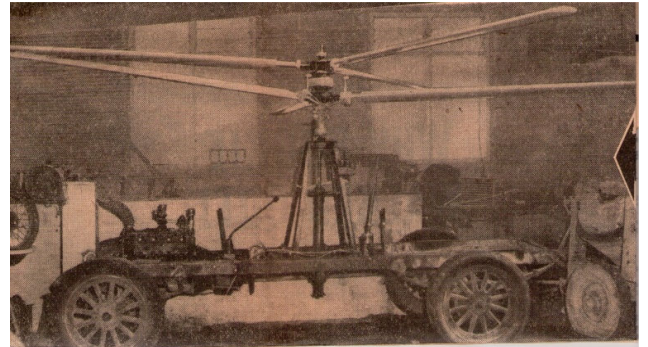
Troy Latto  
Editor-that’s-large  
SAM2704

### INTERESTING HELICOPTER

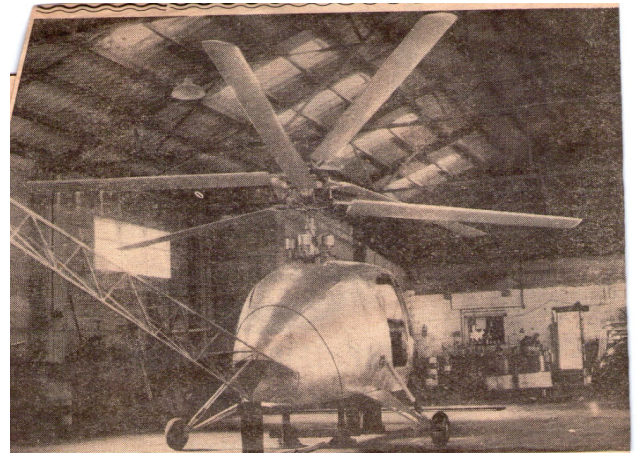
By Rob Rowson

Back in 1958 when I was still at high school I visited a garage on the Nepean Highway, West Rosebud, Victoria to inspect an unusual “home made” contra rotating blade helicopter. It was designed and built by Murray Moser, a self described “inventive crank” who also a fully qualified automotive engineer. He started from scratch in about 1956 and had to build some of his own machinery to make some parts. He had done much research and had been given a lot of help by the Civil Aviation Department – my father was air worthiness engineer with DCA at the time. DCA had agreed to “tether test” the helicopter when it was ready. ...”in a tether test the helicopter is tethered to the ground by a cable so that if anything goes wrong it cannot escape the test area”...

Originally Murray Moser had hoped to power the helicopter with a DH Gipsy Major 10 Tiger Moth engine (120 HP) but discovered late into construction that he would need more power – possibly an Armstrong Sidley Cheetah 7 cylinder radial engine or similar.



He tether tested the helicopter blades for lifting power by attaching them to a side valve FORD V8 chassis.



Rear view showing the contra-rotating prop head and warren-girder tail boom (no tail rotor)

Cont'd..



Close up of the contra-rotating prop head and a port rear view of the helicopter..



Murray had hoped, if the helicopter was successful, to be able to convert the cabin into an ambulance bay or fit a hopper for crop dusting.

Sadly, Murray Moser died before the helicopter was completed and its ultimate fate is unknown to the writer. If anyone knows what happened to the helicopter, drop a line to The Geezer office. Its all part of Australia's amazing aviation history.

Rob Rowson.



Seen at Canowindra 2010. Not exactly sure what this one is. Anyone out there know?

### Bovell's Tool Shop..

The other day while searching the Internet, seeking inspiration for my next model, I came across this very handy product.



#### About This Product

The kind of doing we do is as limitless as the human imagination. An idea can be artful or practical, commercial or cultural. It might lead to a better mousetrap or transcend all previous human experience. Good ideas are precious things, The Department of Doing is here to make it happen.

Directions: Add 1% invisible inspiration to 99% perspiration for the original, Thomas Edison inspired formula - and get the job done! Once opened, content will infuse the local atmosphere. Caution required in confined spaces to avoid over-stimulation. Invisible inspiration from the Department of Doing is the finest you can buy and limited production. Use sparingly.

Available from:- <http://www.endemicworld.com/can-of-inspiration.html> at \$15 per can + \$5 postage ex New Zealand.

Maybe you too can find inspiration in the can.

#### Public service announcement for pensioners..

*After retiring, a man went to a government office to apply for his pension. The woman behind the counter asked for a driver's licence to verify his age. The man then realised he'd left his wallet at home and told the woman he was sorry, but he'd have to go home and return later. But the woman said, "Unbutton your shirt." He did as he was told, revealing a chest of curly silver hair. The woman then said, "That silver hair is proof enough for me," and duly processed his application. When he got home, the man excitedly told his wife about his experience at the government office. Unimpressed, his wife said, "You should have dropped your pants. She might have given you a disability pension too."*



## EXECUTIVE PAGES

**WAMAC general meeting:** 11<sup>th</sup> February 2011  
**Held at:** The home of Ian Dixon 23 Milne St  
Bicton  
**Meeting started at:** 8.10pm

**Members present:** Ian Dixon, Troy Latto, Robert Bovell, Rob Rowson, Graham cook, Les Isitt, Kevin Hooper.

**Apologies:** Paul Baartz

**Visitors:** Nil

**Confirm that the minutes as recorded from previous meeting was correct.**

**Moved** Kevin Hooper  
**Seconded** Rob Rowson  
19 members. 17 full and two Associate.

**Membership numbers:**

**Correspondence outgoing:**

To Wanneroo aero modellers requesting the use of their field for the antique 38 events  
Fourth edition of Geezer sent to members.  
fourth of Geezer sent to Sam 1788 NSW, Sam 600 Vic, Sam 84 Queensland, Sam 1993 SA and Sam 83 Canberra.  
Email to Ross Cant and Dick Morrow to clarify what state event entry fees had been paid to AWA also the entire events entry list had been sent for the point allocation toward the Dorothy Buckley Trophy.

**Correspondence incoming:**

Bill Davies, AWA notifying that 38 antique event has been accepted as a state event.

**Treasures report:**

December 2010

Balance brought forward	\$13723.02
Money deposited for AWA stat comps	\$56.00
Money sent to AWA for state comps	\$84.00
Balance	\$13,695.02
Other money taken for club comps	\$23.00
( To be retained as petty cash )	

**Competition Report** Nil

**Business arising from previous meeting minutes:**

**38 Antique:**

Kevin Hooper is confident that Wanneroo Aero modellers will be happy to host us for the antique 38 event. They have a meeting on the 27<sup>th</sup> Feb and is on the agenda.

**General Business:**

The Xmas BBQ was held at Graeme Cooks home and attended by a number of our members; a relaxed afternoon was had by all. Thank you to Graeme and his family for opening his home to the club and particularly his wife and daughters.

Thanks to Gary Dickens for the donation of a metal 4 draw filling cabinet for the safe keeping of the club plan library .

### 2011 Old Timer Contest Calendar

March 27th	1/2A Texaco	Club	Cardup	9.30am
April 10th	Standard Duration	Club	Cardup	9.30am
April 24th	Texaco	Club	Cardup	9.30am
May 22nd	Burford Duration	Club	Cardup	9.30am
June 5th	Open Duration	Club	Cardup	9.30am
June 19th	38 Antique	Club	Wanneroo	9.30am
July 3rd	Standard Duration	State	Cardup	9.30am
July 31st	Burford Duration	State	Cardup	9.30am
Aug 14th	Open Duration	State	Cardup	9.30am
Aug 28th	Tomboy Rally	Club	Cardup	9.30am
Sept 25 <sup>th</sup>	38 Antique	State	Wanneroo?	9.30am
Oct 9 <sup>th</sup>	Texaco	State	Cardup	9.30am
Oct 23 <sup>rd</sup>	1/2A Texaco	State	Cardup	9.30am
Nov 6 <sup>th</sup>	Nostalgia	Club	Cardup	9.30am
Nov 20 <sup>th</sup>	Trial electric O/T	Club	Cardup	9.30am

The members all agreed that the calendar as printed should be sent to AWA for publishing in Windsock.

### Issuing of SAM numbers and Cards.

As per previous discussions numbers are issued to SAM members, these numbers will be retained the same as MAA numbers, numbers will have the prefix of 270—  
Numbers were drawn from a hat and issued as follows.

<b>SAM2701</b>	<b>Paul Baartz</b>
<b>SAM2702</b>	<b>P Spencer</b>
<b>SAM2703</b>	<b>R Rowson</b>
<b>SAM2704</b>	<b>T Latto</b>
<b>SAM2705</b>	<b>D Hope</b>
<b>SAM2706</b>	<b>R Mc Donald</b>
<b>SAM2707</b>	<b>D Bentley</b>
<b>SAM2708</b>	<b>D Gibbs</b>
<b>SAM2709</b>	<b>G Sayers</b>
<b>SAM27010</b>	<b>G Eyre's</b>
<b>SAM27011</b>	<b>R Hoogenkamp</b>
<b>SAM27012</b>	<b>G Dickens</b>
<b>SAM27013</b>	<b>A Trot</b>
<b>SAM27014</b>	<b>H VanLeeuwen</b>
<b>SAM27015</b>	<b>G Cook</b>
<b>SAM27016</b>	<b>J Voak</b>
<b>SAM27017</b>	<b>I Dixon</b>
<b>SAM27018</b>	<b>R Rumble</b>
<b>SAM27019</b>	<b>R Bovell</b>
<b>SAM27020</b>	<b>C Behr</b>
<b>SAM 27021</b>	<b>K Hooper</b>
<b>SAM27022</b>	<b>L Isitt</b>

Members were issued with a SAM 270 card with their number. Members should note that from 27018 a typo was made on the record sheet, members who were issued cards that don't match the list above should see the secretary for a new card.

### Constitution and By Law up grade.

The club constitution was discussed and Troy has had no feedback from members. The revamped constitution will be sent out for comments, we need to upgrade the constitution to accurately reflect the clubs activities.

A few members have read and are still digesting the proposed constitution, we hope to have things ready to go before June meeting. Troy will present the constitution to DOCEP when it's ready.

Rob Bovell as the new comp sectary will look at SAM trophies for the new comp season. It was discussed that in the future we might have a perpetual trophy for each event with commemorative ribbons/medallions for first second and third places. It was agreed that for the coming year that a first place trophy and ribbons/medallions for second and third place for each SAM event depending on Price. Rob Bovell will investigate and report back.

Meeting Closed at 9.35pm

### Car Care..

*I was driving my battered old Holden from Perth to Bunbury when I blew a rear tyre. As I worked on replacing it on the side of the busy freeway, I heard noises from the front of my car.*

*I stood up and found two men with their heads under the bonnet. "Hey, guys, what are you doing?" I asked. One replied, "If you're having the wheels, mate, we're having the battery."*

### Bar Banter..

*"Pour me a double whisky, mate. I've just had a blazing row with my wife," Gary tells Charlie, the barman of his local pub.*

*"Oh, yeah?" says Charlie. "Who won?"*

*"Well, when it was all over, she came crawling to me on her hands and knees," Gary says.*

*"Really?" says Charlie. "What did she say?"*

*"She said, 'Come out from under the bed, you snivelling coward.'"*

## SAM270 1/2A Texaco 27<sup>th</sup> March 2011 – WAMAC, Oakford

The first Club Event of the year attracted 7 entrants in near perfect conditions. The temperature was heading for the low 30's and there was a gentle breeze from the east. This being my first event as CD, I conducted a nervous but brief pre-flight and off we went.



Gary Dickens' Anderson Pylon and Ian Dixon's 50% Bomber. Both had their issues on the day.

Early flights proved to be good with most pilots able to achieve at least one six minute maximum flight. Two pilots made it into the fly off with the required three maximums.

Richard Sutherland was a deserving winner, quietly achieving three maximums from his first three flights and staying up the longest in the fly off. Troy Latto also managed three maximums to make the fly off, but was first down to claim second place. Rumour has it that Dicko is sending out the repo men for Troy's engine.

Kevin Hooper must have felt it was a case of déjà vu, as he just missed the fly off by 4 seconds claiming third place. The same result as last year's AWA event. I hope it wasn't because I was his timer on both occasions.

Gary Dickens Anderson Pylon was spiralled down a long way out, fortunately the model was recovered intact. Dicko launched his Bomber without switching on the RX. This time the Cox .049 gave a 5 minute plus engine run. Dicko and Troy were seen giving chase downwind across several paddocks (Cue the Benny Hill music). Again the model was recovered with no damage. I was flying an untested model in my first contest and had trouble with short engine runs and an out of trim model. Managed an out landing in a tree, again no damage. Still lots to learn but I'm in no hurry.



Richard Sutherland and Troy Latto – 1<sup>st</sup> and second respectively.

## Results:

1	Richard Sutherland	RC1	1080 + 338
2	Troy Latto	Lil' Diamond	1080 + 275
3	Kevin Hooper	Stardust Special	1076
4	Gary Dickens	Anderson Pylon	1020
5	Rod McDonald	Kerswap	855
6	Ian Dixon	50% Bomber	592
7	Rob Bovell	Kerswap	494

Overall, I had a great day and want to express my appreciation to all those who participated and for all the help I received throughout the day.

Don't forget it all happens again on 10<sup>th</sup> April 2011. This time it's the SAM270 Standard Duration.

Rob Bovell.

**You did a great job Rob! Thanks from all the participants – Ed.**

## CONTEST CALENDAR FOR 2011

Date	Event	Type	Location	Start time
March 27	1/2A Texaco	SAM	Cardup	9.30am
April 10	Std Duration	SAM	Cardup	9.30am
April 24	Texaco	SAM	Cardup	9.30am
May 22	Burford	SAM	Cardup	9.30am
June 5	Open Duration	SAM	Cardup	9.30am
June 19th	38 Antique	SAM	Wanneroo	9.30am
<b>July 3rd</b>	<b>Std Duration</b>	<b>AWA</b>	<b>Cardup</b>	<b>9.30am</b>
<b>July 31st</b>	<b>Burford</b>	<b>AWA</b>	<b>Cardup</b>	<b>9.30am</b>
<b>Aug 14th</b>	<b>Open Duration</b>	<b>AWA</b>	<b>Cardup</b>	<b>9.30am</b>
<b>Aug 28th</b>	Tomboy Rally	SAM	Cardup	9.30am
<b>Sept 25<sup>th</sup></b>	<b>38 Antique</b>	<b>AWA</b>	<b>Wanneroo</b>	<b>9.30am</b>
<b>Oct 9<sup>th</sup></b>	<b>Texaco</b>	<b>AWA</b>	<b>Cardup</b>	<b>9.30am</b>
<b>Oct 23<sup>rd</sup></b>	<b>1/2A Texaco</b>	<b>AWA</b>	<b>Cardup</b>	<b>9.30am</b>
<b>Nov 6<sup>th</sup></b>	<b>Nostalgia</b>	<b>Trial</b>	<b>Cardup</b>	<b>9.30am</b>
<b>Nov 20<sup>th</sup></b>	<b>electric O/T event</b>	<b>Trial</b>	<b>Cardup</b>	<b>9.30am</b>

Note: The Nostalgia and electric O/T events marked in **BLUE** are **TRIAL** events for 2011 run by SAM270. Events marked in **RED** are **AWA State** events run by WAMAC. All other events are club events run by SAM270

## 2011 SAM270 'PAUL BAARTZ SHIELD' PROGRESSIVE SCORES

SAM27024	R Sutherland	4
SAM2704	T Latto	3
SAM27021	K Hooper	2
SAM27012	G Dickens	1
SAM2706	R Mc Donald	1
SAM27017	I Dixon	1
SAM27019	R Bovell	1
SAM2701	Paul Baartz	-
SAM2702	P Spencer	-
SAM2703	R Rowson	-
SAM2705	D Hope	-
SAM2707	D Bentley	-
SAM2708	D Gibbs	-
SAM2709	G Sayers	-
SAM27010	G Eyre's	-
SAM27011	R Hoogenkamp	-
SAM27013	A Trott	-
SAM27014	H VanLeeuwen	-
SAM27015	G Cook	-
SAM27016	J Voak	-
SAM27018	R Rumble	-
SAM27020	C Behr	-
SAM27022	L Isitt	-
SAM27023	G McLure	-



## THE DECONSTRUCTION PAGE..

An update on a previous deconstruction: You remember the strange bits and pieces that Dicko cooked up in his Skunkworks from issue 2? Well since nobody guessed what they were (no imagination, you lot!) here are a few shots of them in situ:



Two Lanzo-ish tailplanes on poles..



Nice undercambered wing section.. (note 1COW hiding behind the bricks ready to pounce!)



Artists in repose..



Decorative glass panels inserted in to rib formers catch the light

### **The Project:**

All can now be revealed! As part of the WAC (Westralian Airports Corporation) project to improve Perth Airport, they have opened up large tracts of land off Horrie Miller Drive to industrial and warehousing development. Mark Datodi (son of the redoubtable Ray and designer extraordinaire) was commissioned to design and install some aviation themed sculpture by WAC as a "thankyou" to the various businesses that have established themselves in the new estate over the past five years. They are to be installed in various locations throughout the industrial estate. These sculptures were designed jointly by Mark and Dicko, constructed by Dicko and his team at Perth Art Glass and installed last month.

So, if you're in the area, why not take a trundle through the new estate and have a look?

## NEW TRICKS FOR OLD DOGS DEPT.



1/2a Electric Lanzo Airborne

Since electric powered model aircraft (ptoohey) are a phenomenon that seem to be here to stay, we at SAM270 have bent a jaundiced eye to the best way to integrate electric powered (ptoohey) SAM/OT events in to our calendar. To this end, one contest slot has been allocated on Nov 20, 2011 for a Trial 1/2a Texaco electric O/T event.

General consensus seems to be using 1/2 A Old Timer airframes and brushless outrunner engines would be a good basis to test the waters as they are easy to build and the power setup is comparatively cheap to acquire. I have lifted the following rule set from the Australian Electric Flyers website:

[http://www.aefa.dreamhosters.com/files/Electric\\_Old\\_Timer\\_Rules\\_2011.pdf](http://www.aefa.dreamhosters.com/files/Electric_Old_Timer_Rules_2011.pdf)

You can browse through the rule book at your leisure but an edited set of the rules are reprinted below in summary.

### 1/2A ELECTRIC TEXACO

Description: This is an energy event for small models where the aim is to achieve a maximum flight time from a limited motor battery pack.

### AIRCRAFT ELIGIBILITY

- (a) The event is open to all Antique and Old Timer aircraft
- (b) Models must have less than 450 sq in wing area. The formula to be used to determine the wing area is:  
WING AREA = CHORD x WINGSPAN

### MOTOR ELIGIBILITY

This event is open to any class of DC electric motor subject to the following criteria:

- (a) Any DC electric motor (brushed or brushless) is permitted.
- (b) Any motor magnets (ferrite, cobalt or neodymium, etc) are permitted.
- (c) Any single propeller drive system is allowed.
- (d) A means of remotely cutting the power to the motor is mandatory and shall be demonstrated on demand.
- (e) The electric motor must be fitted with a propeller brake function.
- (f) No folding, freewheeling, variable pitch or single bladed propellers shall be permitted (locking a folding prop is permitted).

### MOTOR BATTERY PACK

The motor battery pack powers the electric motor.

- (a) Li chemistry cells are permitted.
- (b) Motor battery pack cell chemistry cannot be mixed.
- (c) The maximum number of cells for the motor battery pack is 3.

### SAFETY

Competitors using an Electronic Speed Controller (ESC) with Battery Eliminator Circuit (BEC) in lieu of a separate Rx battery must ensure that there is sufficient energy in the motor battery pack for an extended flight in the event of a fly-off.

### ENERGY ALLOCATION

Energy allocation for Electric 1/2A Texaco is 3.37 watt-hours for all models based on nominal cell voltage for LiPo = 3.6v. Eligible battery packs include the following number and type of cell:

- 2S 460 mAh LiPo or  
3S 300 mAh LiPo

### FLIGHT PROCEDURE

- (a) The maximum flight time is ten (10) minutes (600 points) for all flights except the fly off (refer
- (b) The model must land in the defined area for the flight to count towards the score.
- (c) The electric motor may be started and stopped at the competitor's discretion but must be off when the model touches the ground.

### FLY-OFF

(a) If, on the completion of the official flights, a tie exists that in the opinion of the Contest Director needs to be resolved to determine the results of the contest, a fly-off shall be held involving the tied competitors/models only.

(b) All models in the fly-off shall commence the task simultaneously. It is each competitor's responsibility to have a minimum of two frequencies available for competition. Where it is impossible to separate the Competitors' frequencies, the competitor(s) with the highest score(s) and then the highest dropped flight score shall proceed to the fly-off. Thereafter the matter shall be settled by a toss of a coin.

(c) Only one opportunity will be given to a competitor to make a fly-off flight. Once the model is released to commence a fly-off flight the result of that flight becomes the competitor's fly-off score.

*I will be looking to our amp-headed members for recommendations on motor, ESC and battery combinations. Once the optimum list has been compiled I will publish it in a subsequent Geezer and you will be free to choose from it.*



*"While a few pillars of the SAM movement look down upon this new-fangled electric flim-flammery with disdain and abhorrence, the rest of us are enjoying the heck out flying SAM-legal electric planes! In particular, the smaller 1/2A Texaco and Class A ships are well-suited for electric power without landing you in the poorhouse. Gone are the days of calling upon the dark gods of the underworld to aid you in the start-up and running of Cox 049 engines. Now you just plug the battery into the plane and give it a toss! No slimy cleanup chores either. Here are a couple pictures of the 1939 Cleveland Fleetster designed by none other than Joe Elgin of Playboy fame. This plane is powered by an E-Flite Park 400 and 3-cell, 600 mah li-po battery packs. The Fleetster weighs in at 16 oz full up and was built just for fun-flying. Mike Fields, Editor at Large SAM 1 Model Museum Flying Club"*

Text and Pics:

[http://www.thebuildingboard.com/2009\\_07\\_01\\_archive.html](http://www.thebuildingboard.com/2009_07_01_archive.html)



## OFFICE WALLAHS..

**President (Interim):** Troy Latto:

**Email:** latto@iprimus.com.au

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**Assistant to the Secretary:** Ian Dixon

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**Geezer Editor:** Troy Latto

**Email:** latto@iprimus.com.au

**Contest Co-ordinator (interim):** Rob Bovel

## CLUB MEETINGS

Until Paul is feeling better, meetings will be held on the second Friday of every month at Dicko's place: **23 Milne St, Bicton**. Meetings kickoff at 8pm sharp, The waffle kicks off about 10 mins later. Bring yourself and a sense of humour. Tea and coffee will be provided. Stronger Beveridge's are at your own expense and will be gratefully consumed when you're not looking.

## CLUB PLANZ LIBRARY

The club has a growing library of old timer and nostalgia plans for your delectation. The catalogue is available from Ian Dixon. The simple rule of the plans library is: If you borrow it, copy it and bring back the original! If you have a plan that you would like to donate to the library, see Ian and he will snatch it from your trembling hand!

## RANDOM PICTURE PAGE..



*Flounder among the weeds – BG Special fresh from the skunkworks!*



*Hans gives the Atomizer at tickle under the chin – I like the "Faqari Rug!"*



*Dicko and the BG special just before its maiden voyage in 2009*



*Your editor and his beer gut prepare for a sortie over Cardup during the 2010 Open Duration..*

### **Listen to your wife!**

*"The car won't start," said a wife to her husband. "I think there's water in the carburettor." "How do you know?" said the husband scornfully. "You don't even know what the carburettor is." I'm telling you," repeated the wife, "I'm sure there's water in the carburettor."*

*"We'll see," mocked the husband. "Let me check it out. Where's the car?"*

*"In the swimming pool."*