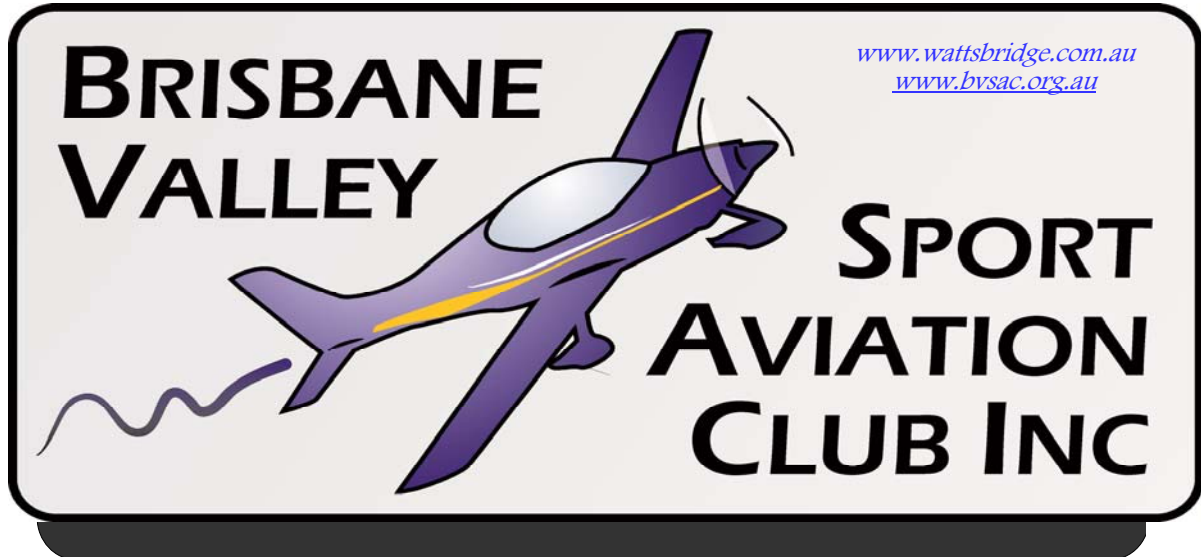


# BRISBANE VALLEY FLYER

APRIL 2013



Watts Bridge Memorial Airfield, Cressbrook-Caboonbah Road, Toogoolawah, Q'ld 4313.



Diego Rondinone, BVSAC's newest member, playing with his new toy over Moogerah Dam.

Neil Bowden (President) 07 3200 3821  
Priscilla Smith (Treasurer) 07 3206 3545

Richard Faint (Secretary) 0412 317 754  
Rob Knight (Editor) 0400 89 3632

## - Brisbane Valley Flyer -

### NOTAM,


#### **SUBJECT – WORKING B.**

A Working B is to be held on Saturday 6<sup>th</sup> April at the BVSAC Clubrooms, Watts Bridge, commencing 8:00 am. This exercise is to complete the internal fit out of our BVSAC clubrooms and it is important that we get as many helpers as possible.

While no specialist skills are necessary, if you're good at trim work, architraves, timber boxing around windows and beams etc, we especially need to see you there. For those with other skills, your support will also be welcome and there are many other activities requiring lesser trade skills. The "Ratcliffe Brothers" will be coordinating the action and procuring the required materials.

The normal monthly club meeting will follow the Working B with BBQ etc as per usual.

Richard Faint – BVSAC Secretary.



**BURNETT FLYERS**

INVITES ALL PASSIONATE FLYERS  
TO OUR FIRST BREAKFAST FLY-IN AND GRAND OPENING  
OF OUR OPs CENTRE TO BE HELD EVERY SECOND  
SATURDAY OF EACH MONTH AT HISTORIC ANGELFIELD  
COMMENCING SATURDAY **13<sup>th</sup> APRIL 2013**

COME AND VISIT THE BURNETT AND FLY OVER  
SOME OF OUR SPECIAL NATURAL WONDERS,  
ALSO SEE OUR RECENTLY RENOVATED RUSTIC  
OPs CENTRE

VISIT OUR WEBSITE FOR FURTHER  
INFORMATION AND STRIP DETAILS  
**RVSP** would be appreciated  
burnettflyers.org or email us at  
burnettflyers@yahoo.com.au

**A LARGE HEARTY  
COUNTRY BREAKFAST  
WILL BE SERVED FOR  
\$5 A HEAD SO BRING  
YOUR APPETITE**

VENUE IS ANGELFIELD, SITUATED SOUTH WEST  
OF MURGON AT THE END OF MACALISTER ST

**COORDINATES** E 151' 55. 771  
S 26' 15. 160

**FOR MORE INFO  
CONTACT  
RALPH OR  
DEB ON  
07 4168 6248**

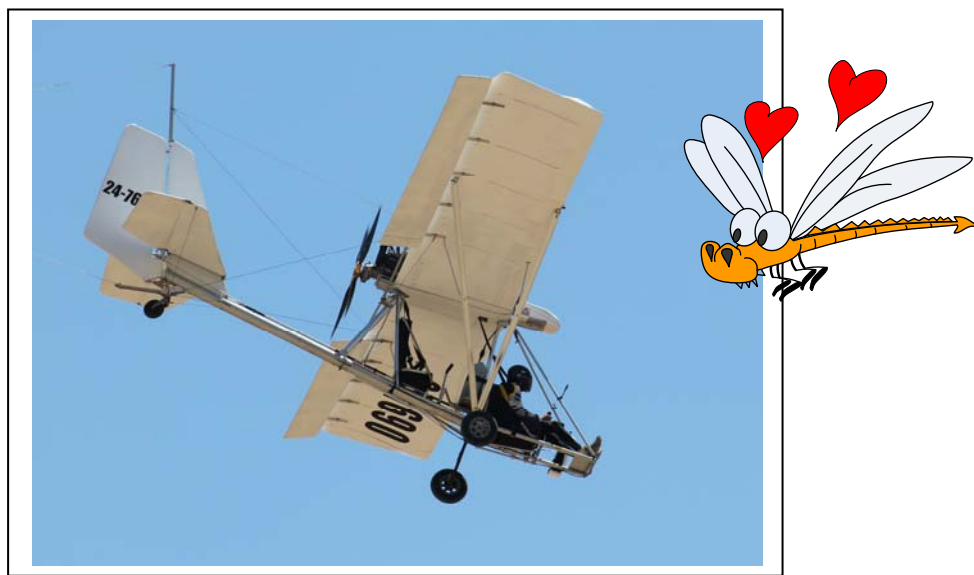
# - Brisbane Valley Flyer -

## Oh to fly a Dragonfly (Details thanks to Roger Bishop)

Unusual aeroplanes, or aeroplanes with unusual design applications, have long intrigued me and Colin Moyes' Dragonfly C fits this category admirably.

Glider tugs are supposed to be little aeroplane with big motors that roar off down the runway with one or more, usually white birds attached on long strings behind them. But how about a glider tug that has a never exceed speed slower than many gliders fly. Yes, that's the depiction of the Dragonfly C.

First flown in 1990, there are now around 100 flying here and in 11 other countries around the world. A special purpose aeroplane, these little beauties that look like a Drifter on a diet, have become the most sought after hang glider tugs in the world. They are also popular for stock control on sheep and cattle stations as their STOL performance is so startling, and they are much cheaper to own and operate than a helicopter. They are reportedly even cheaper to operate than a gyrocopter.



Let's look at the published Specs.

### Performance

V <sub>NE</sub> (Never Exceed Speed)	57 knots
V <sub>C</sub> (Cruise Speed (at 5200rpm))	40 knots
V <sub>S</sub> (Stall Speed at MTOW) Power On Power Off	14 knots 17 knots
Take Off Speed	22 knots
Normal Approach Speed	26 knots
Take-Off Distance (to 50 ft)	195 feet
Landing Distance (from 50ft)	363 feet
MTOW (Maximum Take-off Weight)	300 kg
Empty Weight	150 kg

### Physical dimensions

Overall Length	5974mm	19ft 6"
Maximum Height	2316mm	7ft 6"
Wing Span	10363mm	34ft
Wing Area	15.8 sq.m	170 sq.ft

## - Brisbane Valley Flyer -

The Dragonfly C is a two seat tandem ultralight. It is constructed of bolted aluminium with its seats mounted on a fuselage boom tube that runs from the front rudder pedals to the tail. The tail wheel configured landing gear consists of two main wheels on steel U/C legs and axles with the steel axles having sufficient flex to handle operational shock loading during taxiing and landing. The steerable tail wheel is cable linked to the rudder pedals.

Arranged in a pusher configuration behind the wing trailing edge, the most common power plant is the tried and trusty ROTAX 582. The engine's liquid-cooling allows fast descents while towing, without subjecting the engine cylinders to shock-cooling. Other power plants include the ROTAX 80 HP 912 ULS and the BMW 1100S engine.



The main plane is conventional and is braced with V-struts and jury struts and flying wires. The fabric covered wing and tail surfaces are encased in pre-sewn Dacron. A unique feature is the extended rudder post, which is supported by steel cables from the wings and used as a tow attachment point. The aircraft is equipped with dual controls for pilot training and the rear seat is removable when not needed. The aircraft takes about 200 hours to assemble from the kit.

Check out these YOUTUBE clips

<http://www.youtube.com/watch?v=wJ8eOrUd30Y>

<http://www.youtube.com/watch?v=2euOHxSgvQQ>



## - Brisbane Valley Flyer -

These aircraft featured heavily at the 19th FAI World Hang Gliding Championship which was held at Forbes, NSW over 7-17 January 2013. Teams from 23 countries participated, and competitors were towed aloft by a fleet of ten of these Bailey Moyes Dragonfly tugs. You could say they couldn't have done without them.

Regarding these world championships, a total of 104 pilots took part. The winners were :

1 Manfred Ruhmer (Austria), 2 Alessandro Pioner (Italy), 3 Filippo Oppici (Italy), 4 Attila Bertok (Hungary), 5 Pedro Luis Garcia Morelli (Spain) and 6 Grant Crossingham (Great Britain).

— ooOOoo —



**THE ISIS FLYING CLUB Inc.** 

**PRESENTS**

**FLY IN DRIVE IN WALK IN**

**BREAKFAST** at the

**CHILDERS AIR STRIP**

**Sunday 5 May 2013**

- ★ COME ALONG & ENJOY A FULL COOKED BREAKFAST
- ★ LUNCH & SNACKS AVAILABLE
- ★ TEA COFFEE COLD DRINKS SERVED ALL DAY
- ★ SEE A VARIETY OF HOMEBUILT, RAA & GA AIRCRAFT
- ★ STALLS & RAFFLES

**GATES OPEN 7am**

**Fly in late Saturday BBQ tea**  
*Bring your swag and enjoy the company of other enthusiasts - RSVP 30 April*

**ENTRY \$2:00**

★ **LUCKY GATE PRIZE \$100 FUEL CARD** ★

**More Information IAN 0428714690 BILL 0418724645**

# - Brisbane Valley Flyer -

## FLY-INS Looming

<b>Saturday April 13th</b>	<b>Breakfast Fly In and grand OPS Centre opening at Angelfield, Murgon</b>
Sunday May, 05:	TOOWOOMBA - David Hack Classic Aircraft and Vehicle Meet.
Sunday May, 05	CHILDERS - ISIS Fly-In (poster in next month's issue).
Sunday May 5th	INGLEWOOD – 2013 Fly-in [TBC]

Clifton has now been and gone. Verbal accounts indicate that it went well and was well attended. Unfortunately I had other commitments and could not attend

## Photo Competition

This month's winner is.....



Ken Hulse – with this classic Australian shot of the Birdsville Control Tower. Congratulations Ken.

Let's have some more photos for the next issue.

## - Brisbane Valley Flyer -

### Mystery Aircraft (April Issue)

What is this aircraft? Built in Australia this is a rare aeroplane, indeed!.

Email your answer to me at [kni.rob@bigpond.com](mailto:kni.rob@bigpond.com)



### Mystery Aircraft (March Issue)

Last Month's Mystery Aircraft was, indeed, an Edgar Percival EP9. The one shown, ZK-PWZ, was imported into NZ in 1955 and still flies as a private aircraft.

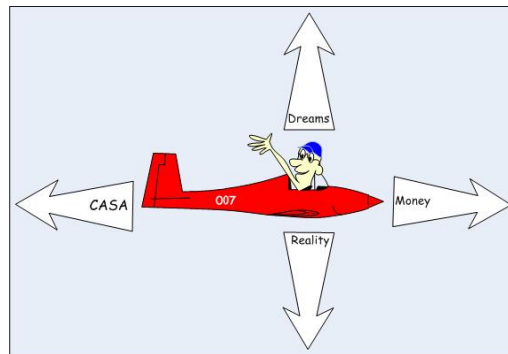
<http://www.youtube.com/watch?v=y6a9g6LOj5c>

Congratulations to Mal McKenzie and Kerry Burrows. Well picked!

### Joke for the Month

Lost student pilot:

'Unknown airport with Cessna 150 circling overhead, identify yourself.'



The four forces acting on an aeroplane in flight.

### BirdsiPhotography

Want an air-to-air shot of you flying your dream machine? It's easy to arrange and will cost less than you might think. Grab the phone and contact Peter Davies or Rob Knight on 0400 89 3632, or email [kni.rob@bigpond.com](mailto:kni.rob@bigpond.com)



# BRISBANE VALLEY SPORT AVIATION CLUB Inc

## MINUTES OF THE 2nd MARCH 2013 GENERAL MEETING

- MEETING LOCATION:** Watts Bridge Memorial Airfield – BVSAC Clubrooms
- MEETING DATE:** 2nd March 2013
- MEETING OPENED:** 10:25 AM
- MEMBERS PRESENT:** 14
- APOLOGIES:** John Innes, Ron Dunn, Kerry Burrows, Rob Knight, Mary Clarke, Neil Bowden
- VISITORS:** Nil
- NEW MEMBERS:** Nil
- MINUTES:** February meeting of the BVSAC Inc.  
Proposed: Ian Ratcliffe Seconded: Glenda Faint Acceptance motion carried.
- PRESIDENT'S REPORT:** Neil was not present and he had appointed Mike Smith to chair the meeting.  
There was no President's report
- SECRETARY'S REPORT:** Nothing to report.
- TREASURER'S REPORT:** Priscilla advised the BVSAC Bank Account Balance is \$11,569.55 and provided a summary of the major income and expenditure items.
- WBMA REPORT:** WBMA President Bruce Clarke advised the airfield is closed as is still too wet for any flying. Bruce and several members discussed at length the WBMA requirement that BVSAC members also be members of WBMA if they wish to regularly attend club meetings and use the airfield's facilities.
- BUSINESS ARISING:** Nil
- GENERAL BUSINESS:** Sandy Walker and Glenda Faint proposed that a "Working B" be held to finish the clubrooms.  
The "Working B" date is to be the 6th April starting at 8:00AM with Ian & Peter Ratcliffe as organizers. Work items include window architraves, timber trims, villaboard, insect screens & electrical cabling. The monthly meeting and BBQ will follow the "Working B".  
Scott Meredith summarized the good results of the charity drive he organized to support residents of Bundaberg who had lost all in the recent floods.  
Mal McKenzie advised the meeting of 2 upcoming flying events: The Gatton Fly In Breakfast in late May and the Angel Field Fly In Breakfast on 13th April. Mal is to advise Martin Hone at Gatton of the All-In Fly-In on the 25th May to avoid event clashes.  
Mike Smith (S.E.Q'ld RA-Aus Delegate) spoke at length about the recent RAAus Meeting conducted in Canberra with in excess of 300 in attendance. Mike stressed that within the board there is not a "Them and Us" mentality. Mike explained some of the legalities surrounding the meeting including the handling of proxies and the reasons for the non-release of legal advice. Examples of emails he has received and the responses he has given to them were discussed. CASA involvement in RA-Aus activities was also discussed. The ongoing improvements to the RA-Aus administrative procedures were outlined. The points Mike raised were discussed by those present.
- NEXT MEETING:** 6th April 2013 in the BVSAC Clubrooms Watts Bridge following the "Working B" which starts at 8:00AM A BBQ lunch will follow the meeting.
- MEETING CLOSED:** There being no further business, the meeting was declared closed at 12:00PM.  
A BBQ lunch was held after the meeting.

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