BRISBANE VALLEY FLYER

AUGUST - 2013

BRISBANE VALLEY SPORT AVIATION CLUB INC

www.wattsbridge.com.au
www.bvsac.org.au

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

Mal McKenzie's Skyranger Swift, waiting for the fog to lift to get away on the Poker Run.

Neil Bowden (President)	07 3200 3821	Richard Faint (Secretary)	0412 317 754
Priscilla Smith (Treasurer)	07 3206 3545	Rob Knight (Editor)	0400 89 3632

The Poker Run

A foggy start to the poker run caused a savage drain on the Club's coffee supplies by the waiting participants. But at least it allowed Richard Faint to set up his official's desk ready for the returning crews armed with their envelopes.

I did the round with Mal McKenzie in his Skyranger Swift (see front cover), visiting Bradfield airstrip, Kilcoy Airfield and John McCarron's airstrip on the eastern side of Somerset Dam before returning over the hill (Mt Brisbane) to Watts Bridge to register our winning hand. Alas, the royal flush we were convinced we had disappeared quicker than Julia G has. The lucky man on the day was Martin Hurst with the winning hand of Pair of Aces and a Pair of 3's. Marty, accompanied by his wife Kerry, was flying his Europa.

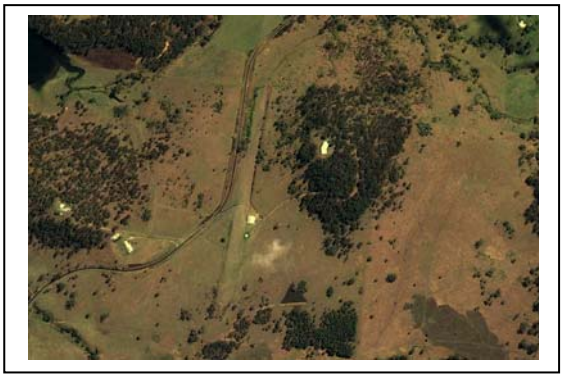
Martin Hurst and his Europa, holding his well-earned trophy.

Short finals for 18 at Bradfield.

Fog clearing over Somerset Dam.

Left base for 27 at Kilcoy.

Kilcoy airfield on the ridge.



John McCarron's airstrip, nestled beside the Somerset Dam's eastern shore.

Wide right base for 19 at McCarron's airstrip.

The early turnout. More came later

Club member Diego Rondinone exits his Sportstar.

Waiting at the Clubrooms for the final competitors to do their stuff

It was a great day and very well supported.

------ ooOOoo ------

Cadet STF Kit.

The Culver Cadet was one of the best performing light planes ever built. The production 2-place low wing Cadet was powered by a 75hp Continental engine and cruised at 120mph. After much design and analysis, Neal La France now offers plans for a homebuilt version of the Cadet. The Cadet STF features a steel tube, fabric covered fuselage instead of the production wood fuselage. A considerable weight savings and double the strength was obtained with the new design. Prototype is powered by a 100 hp Continental engine.

Cadet STF a reincarnation of one of the best little lighties ever designed.

Kit Price w/o Engine:	~$15,000	
Plans Price:	~$300	
Number of Seats:	2	
Building Materials:	Tube ,wood, fabric, styrofoam	
Building Time:	~2500 HRS	
Standard Engine:	CONTINENTAL 85/100 HP or other 85-100 HP	
Wing Span:	27 Ft.	8.23 M
Wing Area:	120 Sq. Ft.	11.15 m^2
Empty Weight:	850 Lbs.	385.5 Kg
Gross Weight:	1350 Lbs.	612.5 Kg
Takeoff Distance:	800 Ft.	244 M
Landing Distance:	850 Ft.	260 M
Cruise Speed:	120 MPH	104 kts
Top Speed:	175 MPH	152 kts
Fuel Capacity:	25 US Gals	20 IMP
Range:	500 Miles	435 nm

For further info contact **Aero Systems** at:
Aero Systems, 5353 Aztec Dr., #13
La Mesa, CA 91942
Phone: (619) 460-2494 • cadetstf@cox.net

Growing up I read and dreamed of flying two light aircraft in particular. They were the Temco Swift and the Culver Cadet, now the Cadet STF. While the Temco is a classic, as are the initial Cadets, a redesigned Cadet is available which has advantages over the original.

FLY-INS Looming

Saturday July 27	Kilcoy, Fly-in Brunch
Saturday August 10	Angelfield, Burnett Flyers Breakfast Fly-in
Saturday August 17	Straddie Fly-in Breakfast.
Sunday August 25	Gympie Aero Club Fly & Dine Fly-in
Saturday August 31	Watts Bridge – Gathering of Eagles Fly-in

Photo Competition

This month's winner is..... as sent in by Jim Bowling.

Rhonda Bowling, trying the pilot's seat for size in a Dragonfly C at the Inglewood fly-in.

Congratulations Jim. Well done. And Rhonda, how about a pilot's report on the Dragonfly? You do look totally the part, sitting there in the Captain's seat.

Wanted to Buy: Ultralight – anything considered.

Contact Rob Knight Editor (kni.rob@bigpond.com, 0400 89 3632, or 07 5467 3149).

Mystery Aircraft (August Issue)

This is a particularly rare aeroplane designed for Crop dusting use and constructed from surplus North American Harvard parts.

STOP – STOP – STOP – STOP - STOP

There is a prize for the first person to email me this month's correct answer – After Dark Technology Pty Ltd has generously donated an 8GB USB memory stick for the August winner.

Mystery Aircraft (July Issue)

Clue: An American aircraft.

This is a particularly rare aeroplane designed for private and commuter use.

This is the Piper PA 21 which became the PA 23 Apache, one of the most successful Piper designs ever.

No one emailed me with the answer.

Joke for the Month

Definitions:

IFR:	A method of flying by needle and ripcord.
Lean Mixture:	Non-alcoholic beer
Parasitic Drag:	A pilot who bums a ride and complains about the service.
Engine Failure:	A condition which occurs when all fuel tanks mysteriously become filled with air.
Range:	Usually about 30 miles beyond the point where all fuel tanks fill with air.
Spoilers:	CASA.
Stall:	Technique used to explain to the bank why your car payment is late.

Quotes (or, "There's wisdom in the air"):

1. "We don't like surprises in this business because surprises kill people." *(Bill Gray, USAF test pilot, quoted in Flying magazine, April 2013.)*
2. "When once you have tasted flight, you will forever walk the earth with your eyes turned skyward, for there you have been, and there you will always long to return." *(Source unknown.)*
3. The bulk of mankind is as well equipped for flying as thinking. (*Jonathon Swift.)*

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

Keeping up with the Play (Test yourself – how good are you, really?)

1. The POH for an aeroplane states that its fuel tanks have a capacity of 30 US gallons total. If the dipstick says the tanks are half full, how many litres will you need to add to fill the tanks with petrol?

   ☐ A. 15 Litres.
   ☐ B. 57 litres.
   ☐ C. 27 litres.
   ☐ D. 81 litres.

   To the nearest whole litre

2. What is the weight of the fuel in question 1 when both tanks are filled with petrol?

   ☐ A. 22 kg.
   ☐ B. 41 kg.
   ☐ C. 82.6 kg.
   ☐ D. 113 kg.

3. What are the minimum meteorological condition necessary to legally take-off from a non-towered airfield?

   ☐ A. Able to see safely to take off and check the VFR minima is able to be met.
   ☐ B. Clear of cloud and with 8km flight visibility.
   ☐ C. 5000M viz, with 1000 ft vertical and 5km clearance from cloud.
   ☐ D. 5km viz, clear of cloud and in sight of ground or water.

4. When entering or exiting a correctly executed turn in a conventional aeroplane, why is “into the turn” rudder use necessary?

   ☐ A. To balance aileron drag.
   ☐ B. To supplement the horizontal lift component. To balance the aeroplane weight.
   ☐ C. To add in-turn yaw.
   ☐ D. To provide a force to turn the aeroplane.

5. What is the difference between a compass heading and a magnetic heading?

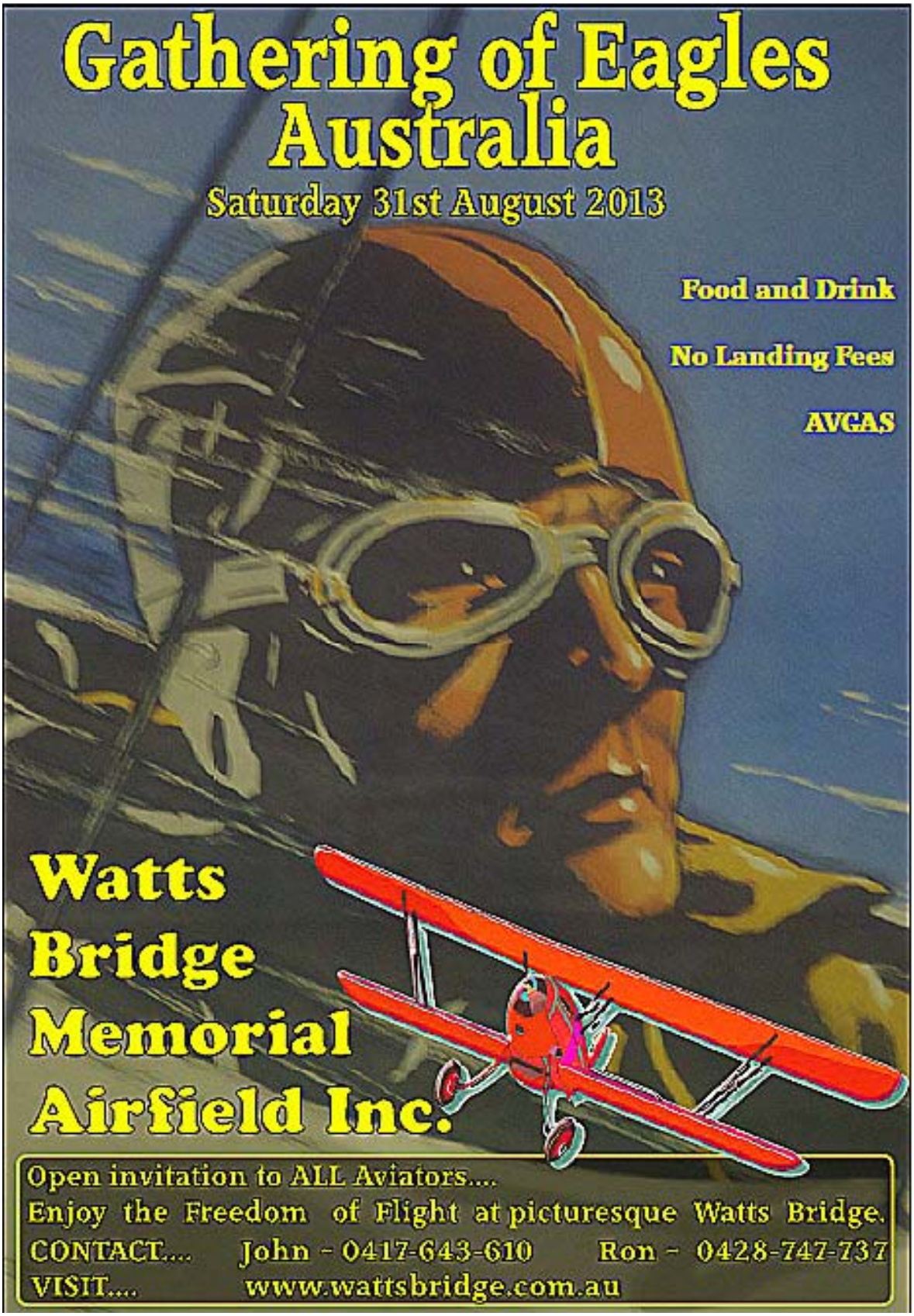
   ☐ A. Compass Deviation.
   ☐ B. Compass variation.
   ☐ C. Compass turning errors.
   ☐ D. Compass gimbal instability.

6. What is the further effect of aileron?

   ☐ A. Roll.
   ☐ B. Pitch.
   ☐ C. Yaw.
   ☐ D. A trim change.

ANSWERS: 1. B, 2. C, 3. D, 4. A, 5. A, 6. C.

If you have any problems with an answer to any of these questions, call me (in the evenings) and let’s discuss it! Ed.


Gathering of Eagles Australia
Saturday 31st August 2013
Food and Drink
No Landing Fees
AVGAS
Watts Bridge Memorial Airfield Inc.
Open invitation to ALL Aviators....
Enjoy the Freedom of Flight at picturesque Watts Bridge.
CONTACT.... John - 0417-643-610 Ron - 0428-747-737
VISIT.... www.wattsbridge.com.au