

March 2017

Wingtips

Editor: Brian Oakes



Photo shows the Model of the Month climbing over the waning gibbous moon. See page 6 for more.

Coming Up

- CAP Expo, 25 March, Old Bus Depot Building, see page 6
- Millennium Cup round, 9 April, Lake George, see page 5
- Old Timers, 12 to 17 April, Canowindra see page 3
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Wingtips is the newsletter of the Belconnen Model Aero Club.

General Meeting at the Field



The General Meeting at the field on 25 February attracted a sizeable number of members, two of whom won the \$50 vouchers that were the lucky door prizes. The occasion featured a swap meet, and a number of the items on display sold that morning or soon afterwards. Above, President Graham Parkins addressing the meeting, left, Peter Beath is seen examining one of the 'for sale' items.

Locking the Gate

Arriving at the field in the morning, I regularly find that the gate is incorrectly locked. The other padlocks belong to the Department and various others who are entitled to enter the area, so please *ensure that our lock is placed so other users can open the gate*. The correct way to position the lock is shown below.

Len Ricardo



National Electric Flight Rally

NEFR 2017 will be held at the NAAS Field during Easter — 14th - 16th April 2017. Administration fee is \$50 plus \$10 per event. For details go to: <http://www.aefanet.com/52-administration/99-nefr-2017>

Seen at the Field

Right, Bill Roberts' 80% Astro Hog, bought from Mike Leys. The engine is a 4-stroke Saito FS 40 Mark 3, (and the pilot is the Linux penguin).



The original Astro Hog design dates back to 1957



Left, the helicopter performing remarkable aerobatics is a Gaui X7 powered by 12S lipos (two 6S 4000s in series), flown by Greg Hivers.



Henk Jansen's Spacewalker (above, right and above right) has a colour scheme to aid visibility -- when it's flying there's no mistaking which way is up! It was built from a SIG kit, and power is a 160 Gemini OS with a glow system to keep the engine running on low throttle.



Old Timer Event, Easter 2107

The 35th SAM 1788 Championships will be held from Wednesday 12 April to Monday 17 April 2017 at *Bogwood*, Canowindra.

Seen at the Field, continued



Jim Reid brought his radar gun (a *Tracer* from HobbyKing) to the field and passed it around for some of the lads to try out. Above, Peter Ederle determines the



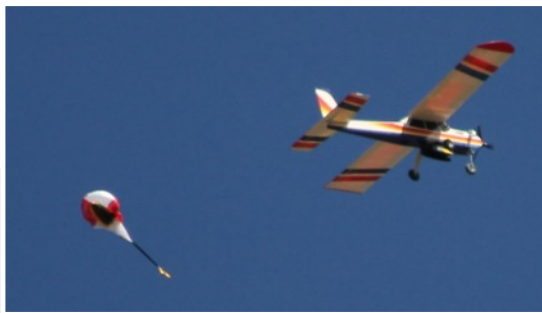
speed of a model. Right, Mike Ward (partly hidden) put his police training to use on Peter's Cassutt (see below). The faster models were clocked at around 130 kph.



Above, Peter Ederle's Cassutt Special air racer is a Seagull ARF powered by the impressive 55 DLE petrol engine, swinging an equally impressive 23x10 prop. The Cassutt design dates from 1951,

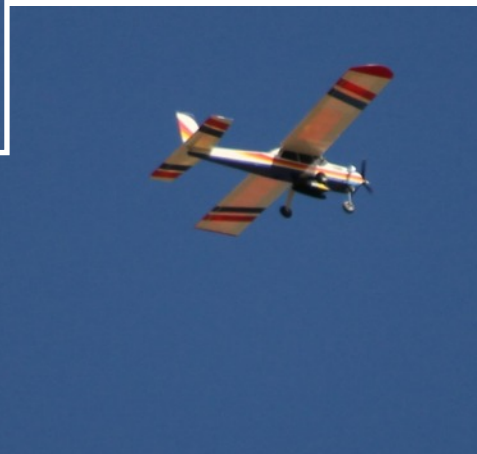


and the full-size machine can still be home-built. It has a Continental O-200 air-cooled, horizontally opposed, four-cylinder engine; the unusual cowl is to provide cooling for the cylinders.



Left, last month's Wingtips showed Mike Ward's Boomerang dropping a parachutist. The two photos here show a variation: your editor's camera

can take 3 shots per second, so we find that, 1/3 second after the top photo, there's another parachutist! Two are now being crammed into the 'bomb' bay.



Seen at the Field, continued



Above, Roger Pinder's 4 Fun, a design by former BMAC President Murray Scott. originally powered by a 46 ic engine, it now has a 400kv motor and 6S lipo.

Millennium Cup

The Lake George Soaring League round of the Millennium Cup for 2 metre 2 channel gliders will be held on Sunday the 9th April. (There will be electric winch launch for all competitors).

Entry is \$12 with pilots briefing at 9 am and flying commencing immediately after. Anyone is welcome to participate or just come along and have a look. There will be lunch and drinks for sale.

BMAC logo — where did it come from?

Here's a puzzle. The club logo is familiar to all members, but your editor imagines that very few know where it came from. All will be revealed next month!



Weather Station

by Len Ricardo

If you haven't already noticed, the club now has its new weather station up and running. If you open the club web page, www.bmac.org.au, along the black menu bar to the right you

The essential information is on the next page that opens (see below left).

The new weather system uses commercial off-the-shelf equipment for simplicity and ease of implementation.

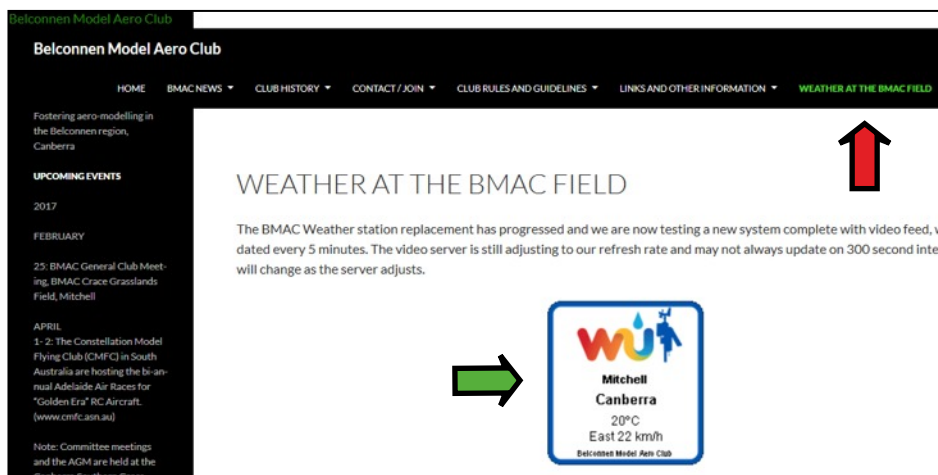
The station consists of 3 units. The head or outdoor unit up on the pole, the inside sensor and the display unit (bottom).

Of significance, the weather data now presented is sent in real-time so the information is the most recent data from the field.

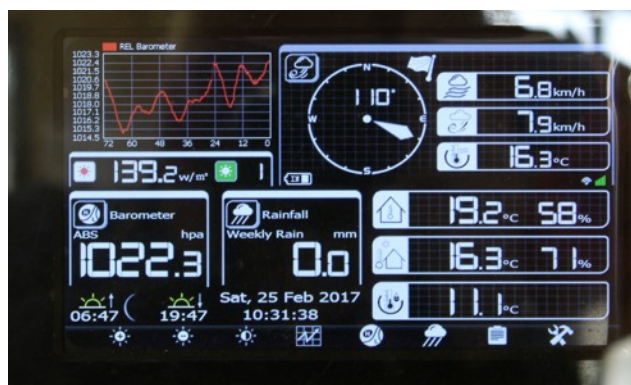
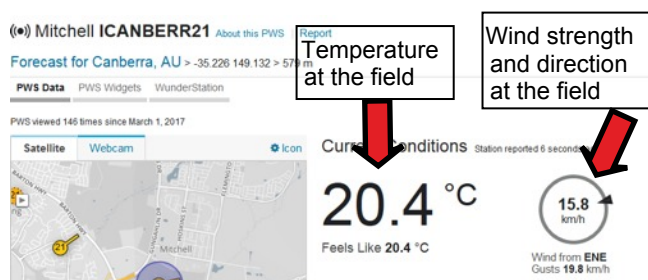
The video image is updating but, for some reason, the server is not updating consistently, and I have ordered a new purpose-sourced camera to replace the current unit.

A new addition will be a security system consisting of a number of

cameras. Once we establish a clear data usage statistic, it may be possible to have limited visibility of the security system.



will find a tab WEATHER AT BMAC FIELD (red arrow above). Clicking on this takes you to the new weather page (green arrow above).



Featured Model of the Month



Featured this month is Merv Wright's scale model of the Grumman OV-1 Mohawk, an observation and attack aircraft designed in the 1950s. After the Cessna Bird Dog proved to be less-than-satisfactory during the Korean War, the US Army and Marines were seeking a tough machine that could operate from short strips in battlefield conditions.

Merv's model is an ARF by Black Horse; a handy size model with a wingspan of 1450mm (57").



CAP Expo

As in previous years, the club will have a display at the Connect and Participate Expo. This will be held on Saturday 25 March 2017 from 11am to 4pm at the Old Bus Depot Building, in Wentworth Avenue, Kingston.

BMAC Secretary Neil Moffat is organising our display and would be pleased to have some help on the day, and some models to show. Contact him if you think he could use one of your models. Even if you don't have a model to lend, drop in on the day to say hello to the BMAC organisers and maybe answer some questions from members of the public.