

The Melbourne Branch of the Royal Aeronautical Society

Newsletter

June 2010



From the Editor

In May, we have the privilege of hearing from the international President of the Royal Aeronautical Society, Dr. Michael Steeden. Dr. Steeden, who described his diverse career in aerospace and defence. His presentation was an interesting overview of how the UK Aerospace Industry is pressing ahead with gaining Government support, which poses some useful ideas for Australia.

This month, we have the rescheduled Aerosonde event on June 15. Remember the venue will be at GKN Aerospace in Port Melbourne, and not the normal North Melbourne location.

As a reminder, the Branch has changed its postal details. See page 3 for details.

Also this month, *The Transponder* takes a break as we launch another new segment—the Melbourne Branch's *Guess-The-Pic* competition. Submit an entry for your chance to win dinner on us (students, this means FREE FOOD!).

We look forward to seeing you at an event very soon.

Best Regards,
Luke Webb

\$1,700,000,000

IATA estimate of airline sector lost revenues from European ash cloud disruption

June Event

Aerosonde: Recent developments, operations and future plans

Presented by: Aerosonde

Date: Tuesday 15th June 2010

Time: Please arrive promptly before 6.15pm for a 6.30pm start

Where: Level 1, 850 Lorimer St, Port Melbourne (the offices of GKN Aerospace Engineering Services)

RSVP: Pre-Registrations not required, but please allow time for signing in at the door. This is a free event and all are welcomed.



The last few years of Aerosonde's evolution has seen the development of a new fuselage & larger wing, the introduction of net recovery, and improved catapult launch. A presentation by members of Aerosonde's engineering and operations group will provide an overview of these activities, the challenges, trials and tribulations of small UAS and a look at what's

Important Venue Information:

GKN Aerospace Engineering Services is kindly hosting the event at their offices located at Level 1, 850 Lorimer St, Port Melbourne. Please arrive 15 minutes prior to the lecture start time (i.e., not later than 6.15pm) to allow time for sign-in. Pre-registration is not required for this event.

Australian International Aerospace Congress

The Australian International Aerospace Congress (AIAC) series is the pre-eminent aerospace forum in the region, held in Melbourne every two years during the week of the Australian International Airshow at Avalon (March, 2011)



Following on the format of the previous two events, AIAC14 will incorporate the 14th Australian Aeronautics Conference, 7th DSTO International Conference on Health & Usage Monitoring (HUMS2011) and 3rd Asia-Pacific International Symposium on Aerospace Technology (APISAT 2011). Associated events will include the Chief of Air Force Conference and AVALON 2011 – Australian International Airshow and Aerospace & Defence Exposition.

Members of the international aerospace community are invited to submit abstracts for proposed papers and technical briefings that are consistent with the overall Congress theme and topic areas for the three conferences. Abstract Submission Closes on 2 July 2010.

For more details and to submit abstracts, please visit www.aiac14.com

The Melbourne Branch of the Royal Aeronautical Society presents the rescheduled event

Aerosonde: Recent developments, operations and future plans

Presented by
Aerosonde



Overview

The last few years of Aerosonde's evolution has seen the development of a new fuselage & larger wing, the introduction of net recovery, and improved catapult launch. In addition, Aerosonde has been involved in scientific flights in various parts of the world, including both the Arctic & Antarctic, having made atmospheric & surface measurements as part of such missions, and have also conducted aerial surveys. A presentation by members of Aerosonde's engineering and operations group will provide an overview of these activities, the challenges, trials and tribulations of small UAS and a look at what's next.



Important Venue Information

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Tuesday 15th June 2010

Please arrive promptly at the below offices by
6.15pm for a 6.30pm start

Venue: **Level 1, 850 Lorimer St, Port Melbourne**
(GKN Aerospace Engineering Services)



Aeronautical News Brief

Brisbane Firm Wins Boeing Contract

BRISBANE: Ferra Engineering (based in Brisbane) has been awarded a five-year build-to-order contract from Boeing to build 50 machined components for Boeing 747-400s. Ferra was identified through the Boeing Office of Australian Industry Capability (OAIC) program.

Wedgetail Handover

RAAF WILLIAMTOWN (NEWCASTLE): The Royal Australian Air Force has formally taken delivery of the first two of six Boeing 737 AEW&C Wedgetail aircraft on May 5.

Melbourne Firm Wins Boeing Contract

MELBOURNE: Melbourne-based Production Parts has been awarded a contract to supply rudder-pedal kits for the F/A-19E/F Super Hornet production line. The contract is initially for one year, and gives the company the option on future contracts that Boeing may receive from the US Navy.

Australian Bank Buys ILFC Aircraft

SYDNEY: Macquarie Bank has purchased 53 aircraft from the AIG Subsidiary International Lease Finance Corporation (ILFC) for \$2bn USD.

Australian Centre for Mission Aviation Camp

MELBOURNE: The Australian Centre for Mission Aviation at Coldstream is holding a 4-day camp aimed at students in Years 10, 11 & 12. \$345 covers accommodation, meals, familiarisation flight, excursions and all activities. The camp is held between 5-9 July this year, and more information can be found at www.acma.vic.edu.au

Address Change

The Melbourne Branch has moved ... its postal address.

Our St. Kilda Road post-office box has now been replaced with the following address:

**Royal Aeronautical Society
C/-Engineers Australia
Suite 201
21 Bedford St
North Melbourne VIC 3051**

Please address any correspondence to this new location.

Aerospace Futures

Aerospace Futures is a two-day conference held in Brisbane on the 29th and 30th June designed to expose over 150 university students to the career opportunities in the aerospace industry.

Primary topics covered by Aerospace Futures include are the latest developments within the Australian aerospace industry, organisations are involved in the aerospace industry, and potential job opportunities.

Representatives from aerospace organisations will give presentations throughout the conference to guide students on their career path. The delegates will predominantly comprise of university students studying an aerospace related degree at any university within Australia. Aerospace Futures also provides fantastic networking opportunities for delegates to meet both other students with similar interests and aerospace professionals.

For more information, please visit
[\[http://www.aerospacefutures.com.au/\]](http://www.aerospacefutures.com.au/)

Checklist

Centenary of Flight Update

The South Australian Aviation Museum is holding a celebration for the Centenary of the first powered flight in SA in Lipson St, Port Adelaide, starting at 10am on Sunday 14th March, 2010.

On March 17, 1910, F.C. 'Fred' Custance, a motor mechanic, piloted a Bleriot monoplane for 5 minutes and 25 seconds at Bolivar in South Australia (just near Adelaide).

The event will be opened by famous aviator Jon Johanson, with a variety of ground-based exhibits.

For more information, contact the Museum on (08) 8172 2001

Aviation & Art Collide

On the day the Hubble Space Telescope turned 20 in April, Melbourne artist Peter Hennessey was poring over its specifications to create his own low-tech replica of the NASA wanderer. My Hubble—a detailed model in plywood—dwells on the lonely mystery of space exploration. But from last month, it will be in lively company as a star of the 17th Biennale of Sydney.

"I'm particularly interested in objects that we will never had the opportunity to stand next to," Hennessey says. "The Hubble is up there, and it's never coming back."

Seven venues, 166 artists from 36 countries and some of the biggest artworks ever seen will comprise the Biennale, which runs until August 1. Visit biennialofsydney.com.au

Branch Committee

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Hon. Treasurer: Anthony Patti

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Karen Trezise

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North Melbourne VIC 3051

**Our
address
has
changed!**

Email:

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Websites:

<http://www.raes.org.au>

<http://www.aerosociety.com>

Opinions expressed in this newsletter do not necessarily represent those of RAeS, the Melbourne Branch or the Editor. Promotion of external events does not imply endorsement by RAeS. Contributions and feedback are welcomed (however we cannot guarantee publication). Contributions highlighting Australian developments, innovations and ideas in aeronautics are most encouraged.

Guess The Pic—and win!

This month, we are launching a new segment for the newsletter - the Melbourne Branch *Guess-the-Pic* competition. We're kicking off the competition with a fairly straight-forward aircraft for identification, but send in your tricky photos for a more challenging competition in the future via raesnewsmelb@gmail.com



The Competition

Every second month we'll have a photo for members to identify to test out their aircraft knowledge.

The Prize

The Branch will pay for your dinner at the next post-lecture dinner (named lectures not included) to the value of \$30. Alcohol not included.

To Enter

Send an email to raesnewsmelb@gmail.com, or send us a letter by the 25th of June. Remember to include your membership number, contact details, and your answer. Correct answers will be placed into a draw. The winner will be announced at the July lecture.

The Terms & Conditions

See our website for full details.

If undeliverable return to:

**ROYAL AERONAUTICAL SOCIETY
MELBOURNE BRANCH**

Suite 201, 21 Bedford St

North Melbourne VIC 3051

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