



**ROYAL  
AERONAUTICAL  
SOCIETY**

2016 • CELEBRATING 150 YEARS

AUSTRALIAN DIVISION SYDNEY BRANCH INC

**JULY 2016**

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## NEWSLETTER



### TRIVIA EVENING

Date: **Wednesday 6<sup>th</sup> July, 2016**

Time: **19:00 for 19:30 hours**

Venue: **Rydges World Square  
Conference Hall  
389 Pitt Street, Sydney**

**Background:** The Aerospace Futures 2016 Conference is being held 6-8 July at Rydges World Square, 389 Pitt Street, Sydney. It is designed to inspire and connect the next generation of aerospace leaders in Australia by presenting new aerospace technologies from Australia and the world, identifying the numerous opportunities for graduates in the Australian aerospace industry, and to provide unrivalled networking opportunities. The Conference enables the uniting of present and future professionals for the benefit of tomorrow's industry and will expose over 150 university students to opportunities in the aerospace industry. **The RAeS Australian Division is a major sponsor and** the Sydney Branch will have a presence and a display during the conference, and has been allocated 35 seats at the Trivia Night. For further details refer: [www.ayaa.com.au/AeroFutures](http://www.ayaa.com.au/AeroFutures)

### TRIVIA EVENING

Commencing at 19:30 hours sharp, Wednesday 6<sup>th</sup> July, the Trivia Evening is being sponsored by the Royal Aeronautical Society Sydney Branch at the Conference venue. There will be a variety of aerospace related questions which promises to keep everyone thoroughly entertained. Refreshments will be provided during the evening. Master of Ceremonies will be Vince Paoella.

**Profile:** Vince's recent roles have been to lead the Transformation and Program Management Offices for **Origin Energy**, managing a large and diverse project portfolio worth over \$10 billion. Prior to joining Origin, Vince held various senior positions at **Qantas Airways**, including leading the introduction of the Airbus A380 into the airline. Prior to joining Qantas, Vince held the roles of Program Director and General Manager Supply Chain at **Vodafone Australia**. Prior to this he was a Senior Manager with **Deloitte Consulting** where he led large projects to improve operations at clients such as **BHP, Rio Tinto, Telecom NZ, and Volvo**. Early in his career, Vince held various engineering management roles with **Qantas** and **CASA**. He started his career as a design engineer in the railway industry at **Comeng**.

Vince holds degrees in Aeronautical Engineering and Business Administration from the University of Sydney.



**RSVP:** Whilst attendance is free - registration for the evening is required with **numbers being limited to 35 members**. Please register by clicking on/copying and pasting into your URL this link: [ayaatriviajuly6.eventbrite.com.au](http://ayaatriviajuly6.eventbrite.com.au) Your registration will be confirmed by email with an attached ticket. **Please print the ticket** and present the ticket at the door. Registrations will cease automatically when the limit of 35 is reached. **Please note:** Anyone who does not have access to the internet can send a letter to Mr Jeff Lock, 4 Hillcrest Place, North Manly NSW 2100 with your name and member number, address, and phone number.

**Parking:** The venue is a short 5 minute walk from either the nearby Town Hall or Museum Stations. Parking is available as follows:

**RYDGES WORLD SQUARE:** Strictly valet parking is available at a cost of \$60 per day/night. To access parking, please park your vehicle in front the hotel entrance at 389 Pitt Street.

**GOULBURN STREET PARKING STATION:** 101 Goulburn St, Ph: (02) 9211 0013. Open until 12:30 am  
**SECURE PARKING - CAMPBELL ST SYDNEY:** 4/10 Campbell St, Ph: 1300 727 483. Open 24 hrs

**Lunch with Mr John Borghetti FRAeS:** The second Australian Division's 'Aerospace Executive Management Luncheons' will be held in Sydney on **Thursday 1<sup>st</sup> September, 2016, 12:00 hrs sharp, Ballroom 1, Four Seasons Hotel, 199 George Street, Sydney.** Mr John Borghetti FRAeS, Virgin Australia's Chief Executive Officer will be interviewed by media personality Ticky Fullerton. For full details please refer to the attachment including how to register for the event.



**Who runs the Wings Awards?** The Wings Awards are run jointly by the Australian Division of the Royal Aeronautical Society and *Australian Flying* magazine.

**When do entries open? When do entries close?**

Entries open 28 March 2016 and close 1 July 2016.

**Who is eligible to enter the Wings Awards 2016 and**

**where do I need to submit my nomination for a Wings Award?** Each award has a different submission, criteria and process to follow. It is recommended entrants first read these prior to nominating by visiting [www.australianflying.com.au/wings-awards](http://www.australianflying.com.au/wings-awards) to submit your nomination.

**How will the winners be announced?** The winners will be announced in the November-December 2016 issue of *Australian Flying* and on the website: [www.australianflying.com.au](http://www.australianflying.com.au).

**2016 Diary:** **July 1:** Nominations for 'The 2016 Wings Awards' close. Refer details at: <http://www.australianflying.com.au/wings-awards>

**July 27:** Safety Matters Forum. Panellists will be David Forsythe (Regulations), John Vincent (MRO), Brian Greeves (Flt Ops), and Roger Chambers (Air Traffic). Venue will be University of Sydney. Details to follow shortly.

**Aug:** Members only visit to RAAF Richmond on a Saturday. Details being finalised.

**Sept 1:** Australian Division luncheon with Mr John Borghetti FRAeS, CEO Virgin Australia, being interviewed by media personality Ticky Fullerton. Please refer to attached flyer for details. Registration can be made at: [www.eventbrite.com/e/lunch-with-john-borghetti-tickets-25749099249](http://www.eventbrite.com/e/lunch-with-john-borghetti-tickets-25749099249)

**Sept 15-18:** Australasian Society of Aerospace Medicine 2016 annual conference, Townsville Qld. Call for papers now open and must be submitted via the online portal by **Thursday 30 June 2016**. Early bird registrations close 30 June, 2016 - refer details at: <http://event.icebergevents.com.au/asam-2016/cost-registration>

**Sept 25-30:** ICAS 2016 in Daejeon, Korea – refer for further details: [www.icas2016.com](http://www.icas2016.com) The Preliminary Programme is at: [www.icas.org/media/ICAS%20Congress%202016%20Preliminary%20Programme.pdf](http://www.icas.org/media/ICAS%20Congress%202016%20Preliminary%20Programme.pdf)

**Oct 25-27:** APISAT 2016 in Toyama, Japan – refer details at: [www.jsass.or.jp/apisat2016](http://www.jsass.or.jp/apisat2016)

**Dec:** Annual General Meeting and "Hot Aeros in the Pub". Venue 3 Wise Monkeys.

**Feb 28- March 5, 2017:** AVALON2017 – Australian International Airshow and Aerospace & Defence Exposition – The Essential Aerospace Forum – is open for business. Refer details at: [airshow.com.au/airshow2017/eneWS/AS2017-Newsletter-ED1.html](http://airshow.com.au/airshow2017/eneWS/AS2017-Newsletter-ED1.html)

**Sept 25-29, 2017:** The 68<sup>th</sup> International Astronautical Congress is being held in Adelaide. Thousands of scientists, including some 200 astronauts, will participate in the international space congress. The global economy and security of many nations depends on assured and secure access to satellites that provide communications, timing and navigation services and remote sensing data. Space probes are also vital to our understanding of the solar system and the far universe. The IAC2017 program addresses all of these topics and emphasises the important contribution that space makes to STEM education as well. Refer details at: [iac2017.org/](http://iac2017.org/)





## Aviation Safety Forum

### “Safety Matters”

Wednesday 27<sup>th</sup> July, 2016 commencing 18:30 hours sharp

**Venue:** Mech Eng Theatre, Mech Eng Building, University of Sydney

Panel facilitator

**Doug Nancarrow MRAeS**

#### Panellists:

**Roger Chambers MRAeS**

Sydney Operations Manager – Airservices Australia

**David Forsyth FRAeS AM**

Aviation Consultant

**Capt Brian Greeves FRAeS**

Director, Aviation Solutions Pty Ltd

**John Vincent FRAeS**

Aviation Consultant

**Synopsis:** Our annual reflection on the trends, challenges and opportunities concerning safety in aviation. Hear our panel of experts discussing topical safety matters - especially relevant to those working in the industry. There will be time for Q & A so this is your chance to ask about issues as well.

Refreshments will be available from 18:00 hours

Attendance for the evening will attract 2 CPD hours.



**Roger Chambers MRAeS:** Roger has been a licenced aircraft engineer in military and general aviation, which included involvement in training, safety and projects including the introduction of the C130J Hercules to service and the early phase of the A330 Air Refuel project. Roger held a number of roles in CASA including airworthiness inspector, safety systems support for airworthiness and 6 years as the Regional Manager for Sydney Region. In March 2016 Roger joined Airservices Australia in the position of Sydney Operations Manager where he leads the ATC teams in the Sydney Basin that includes Sydney Terminal Control Unit, Sydney Control Tower, and the control towers at Bankstown and Camden.



**David Forsyth AM, BE(Aero), Grad Dip, FRAeS, FCILT, Adjunct Professor, School of Aviation, UNSW:** David has over 45 years working in the aviation industry, 34 of which were with Qantas, where he worked as a professional engineer and headed a number of Engineering Divisions prior to his appointment as General Manager Regional Airlines and then Executive General Manager Aircraft Operations, responsible for all Flight Operations, Engineering, and Maintenance. Since 2004, David has worked as an independent consultant and has served on a number of Boards, including as Chairman of Airservices Australia, Chairman of Safeski's Conferences, Vice President of the Royal Flying Doctor Service of Australia (SE Section), Aviation Australia and President of the Royal

Aeronautical Society Australian Division. In 2013/14 David was Chair of the Aviation Safety Regulation Review panel appointed by the Deputy Prime Minister. In 2013, he was made a Member of the Order of Australia (AM) for significant service to the aviation industry through a range of administrative and leadership roles.





**Captain Brian Greeves FRAeS:** Brian is a director of Aviation Solutions Pty Ltd, which offers expert services to airports, airlines, regulatory bodies and other aviation organizations. He has been involved in aviation for more than 45 years, both as an RAF and airline pilot, and as a technical, safety and training expert. He was chair of the International Federation of Airline Pilots' Associations Aircraft Design and Operations Committee. He now carries out training for a number of organisations and is a Faculty Manager for the JAA-Training Organisation. He is also a

Safety and Technical Consultant for the Australian Airline Pilots Association and participates in regulatory, safety and operational forums on its behalf.

**John Vincent BE, CEng, FRAeS, GAICD, Adjunct Professor, School of Aviation, UNSW:** John has



extensive airline engineering and maintenance experience over a professional career spanning more than 40 years, including more than 25 years in executive and general management roles in large airline Engineering and Maintenance organisations. He is an Aeronautical Engineer, having worked in airline technical services roles, and he has filled senior engineering, maintenance, fleet development, safety, quality and risk management positions including holding various National Airworthiness Authority approvals. He has led the Engineering and Maintenance businesses of Air Pacific (Fiji), Ansett Australia and Qantas Airways Ltd and currently runs a post-graduate course in Airworthiness as Adjunct Professor at the University of New South Wales School of Aviation; he is Chairman of the Qantas Foundation Memorial Ltd and President of the Royal Aeronautical Society Australian Division. He also provides executive consultancy

services to the aviation and broader engineering communities.

**Doug Nancarrow MRAeS (Facilitator):** Doug is the Executive Chairman Safeski's, General Manager Royal Aeronautical Society Australian Division, Adjunct Senior Lecturer UNSW, and was the editor of Aviation Business magazine. He holds a commercial pilot licence (fixed wing) and has managed a rural airport and a successful flying training business.



**RSVP:** Whilst attendance is free - registration for the evening **is required**. Please register by clicking on/copying and pasting into your URL this link: <http://raesjuly16.eventbrite.com.au> Your registration will be confirmed by email with an attached ticket. **Please print the ticket and present the ticket at the door. Please note:** Non members should enter the code **NM** if requested to enter a RAeS membership number. Any member who does not have access to the internet can send a letter to Mr Jeff Lock, 4 Hillcrest Place, North Manly NSW 2100 with your name (plus names of accompanying persons), membership number or state 'Friend' if you are a Friend of the Branch, and phone number.

**Light supper:** *Following the forum light supper (pizzas) will be provided to give the speaker and attendees the opportunity to mingle and to continue discussions.*

**Parking:** is available in the Shepherd Street multi-story car park, located on the corner of Cleveland St and Shepherd St. The rate is \$2 per hour (up to \$6 maximum), but note that only gold coins are accepted in some machines. Parking is also available in University of Sydney On-Campus Parking for \$2 per hour (up to \$6 maximum). Additionally, free parking is available in surrounding streets. Please observe parking restrictions and allow time to drive to the University of Sydney, park, and walk to the venue.

**Public Transport:** The closest train station is Redfern station, which is a 10 minute walk away from the venue. From Railway Square near central station any 42X bus (e.g. 422, 426...) and the M30 will take you to the University of Sydney (on City Road). Please allow time to travel by public transport, including waiting time, and time to walk to the venue.

**Lunch with Mr John Borghetti FRAeS:** The second Australian Division Senior Business Leaders Lunch will be held in Sydney on **Thursday 1<sup>st</sup> September, 2016, 12:00 hrs sharp, Ballroom 1, Four Seasons Hotel, 199 George Street, Sydney.**

**Mr John Borghetti FRAeS, Chief Executive Officer, Virgin Australia** will be interviewed by media personality **Ticky Fullerton**. For full details please refer to the attachment including how to register for the event.

### **RAAF Air Training Corps/Australian Air Force Cadets – Celebrating 75 Years (1941-2016)**

The organisation has had a tremendous impact upon the lives of tens-of-thousands of Australians over their 75 year history. Since 1982 it has enhanced the lives of young women as well as men. Beginning in WWII with the need to pre-train capable and committed “keen lads” over 30,000 Australian boys were air cadets 1941-1945 with almost 13,000 going on to active service in the war. Air Force cadets survived into peacetime to become an aviation focussed youth development organisation, providing flying training



in a military atmosphere with the aim of inspiring cadets to join the RAAF. There are currently over 8,000 Air Force cadets and adult staff around Australia. Aviation centred youth

development in a RAAF service environment remains their central focus.

To celebrate their 75 Years, a **Freedom of Entry** to the City of Sydney parade will occur on **Sunday 28<sup>th</sup> August** by No. 3 Wing AAFC at the Royal Botanical Gardens Parade Ground followed by a march along Macquarie Street to the Sydney Opera House where **‘The Challenge’** will take place.

(A Freedom of Entry parade is a traditional right given to friendly military units dating back to the days when a city was enclosed by a high wall. An armed military unit would exercise the 'freedom' simply by entering the city 'with swords drawn, drums beating, bands playing and colours flying'. Unfriendly units obviously had to be repelled, so any armed unit approaching the city would be 'challenged' by city officials (i.e. the police). In modern times, when exercising the freedom of entry, the police will still 'challenge' the unit by ordering them to 'halt'. The unit halts and the unit commander will then present the scroll signed by the Lord Mayor granting the Freedom of Entry. The police then allow the armed unit to pass.)

### **Aerospace Futures 2016 5-8<sup>th</sup> July, 2016**



Aerospace Futures 2016 was held at Rydges World Square, 389 Pitt Street, Sydney. This is the 7<sup>th</sup> yearly conference designed to inspire and connect the next generation of aerospace leaders in Australia by presenting new aerospace technologies from Australia and the world, identifying the numerous opportunities for graduates in the Australian aerospace industry, and to provide unrivalled networking opportunities. The Conference enabled the uniting of present and future professionals for the benefit of tomorrow's industry and exposed over 135 university delegates to opportunities in the aerospace industry. **The RAeS Australian Division was a major sponsor** and the Sydney Branch had a presence and a display during the conference as well as being the sponsor for the Trivia Evening. There were 24 industry and academic presentations, a Careers Fair opened by the Honourable Anthony Roberts MP, Minister for Industry, Resources and Energy, where over 15 companies were represented, two Panel sessions (Space and Unmanned Aerial Systems), a Trivia Evening, and a Launch/Welcoming Dinner for attendees held the evening of 5<sup>th</sup> July during which they had the privilege of listening to Dr Greg Chamitoff, University of Sydney's Lawrence Hargrave Professor of Aeronautical Engineering, discussing his 15 years as a NASA Astronaut.



## 57<sup>th</sup> Sir Charles Kingsford Smith Lecture Medal

Australian Division President Mr John Vincent presents the 57<sup>th</sup> Sir Charles Kingsford Smith Lecture Medal to Mr Chris Jenkins, Country Director and Chief Executive, Thales Australia & NZ, following Chris's presentation entitled "Kingsford Smith: Technology ....The Sky is the Limit". John took the opportunity to do so following Chris's presentation at Aerospace Futures 2016.



The painting by Sydney artist Ben Hall is titled 'EPICS OF FLIGHT'. It is oil on canvas, 91 by 137 cms & won the 'Centenary Art Prize' in 1966 to commemorate the centenary year of the founding of the RAeS in the UK.

**Australian Division acknowledges the Society's 150<sup>th</sup> Anniversary**  
Council agreed at its March 2016 meeting to provide the Australian Division's painting commissioned in 1966 to celebrate the 100<sup>th</sup> Anniversary of the Society, to the Society to be on permanent display at 4 Hamilton Place, London. This is to acknowledge the Society's 150<sup>th</sup> anniversary. The painting was previously on loan to the Qantas Founders Outback Museum, Longreach. During June, the Australian President, Mr John Vincent visited the Society in London to attend the Council Meeting, during which he took the

opportunity during the lunch break to present the painting to the Council President, Professor Chris Atkin CEng FRAeS .



**Newsletters now available on softcopy:** Our website has been updated to allow members to update their details including email addresses to enable delivery of Newsletters by email. Members who are still receiving 'paper copies' of the Newsletters are encouraged to switch to email by clicking on: <http://bit.ly/raesmemberupdate> or alternatively email Mr Peter Brooks ([austdivision@raes.org.au](mailto:austdivision@raes.org.au))

- 2016 Diary:** Aug: Members only visit to RAAF Richmond on a Saturday. Details being finalised.
- Aug 28:** RAAF Air Training Corps / Australian Air Force Cadets - Freedom of Entry to the City of Sydney parade. Final details being finalised.
- Aug 30 (Tuesday):** Commodore Chris Smallhorn, RAN Fleet Air Arm Commander, to discuss the new helicopter carriers – HMAS Canberra Landing Helicopter Dock 1 (LHD 1) and HMAS Adelaide LHD 2. Details being finalised.
- Sept 1:** Australian Division luncheon with Mr John Borghetti FRAeS, CEO Virgin Australia, being interviewed by media personality Ticky Fullerton. Please refer to attached flyer for details. Registration can be made at: [www.eventbrite.com/e/lunch-with-john-borghetti-tickets-25749099249](http://www.eventbrite.com/e/lunch-with-john-borghetti-tickets-25749099249)
- Sept 15-18:** Australasian Society of Aerospace Medicine 2016 annual conference, Townsville Qld - refer details at: <http://event.icebergevents.com.au/asam-2016/cost-registration>
- Sept 25-30:** ICAS 2016 in Daejeon, Korea – refer details at: [www.icas2016.com](http://www.icas2016.com) The Preliminary Programme is at: [www.icas.org/media/ICAS%20Congress%202016%20Preliminary%20Programme.pdf](http://www.icas.org/media/ICAS%20Congress%202016%20Preliminary%20Programme.pdf)
- Oct 25-27:** APISAT 2016 in Toyama, Japan – refer details at: [www.jsass.or.jp/apisat2016](http://www.jsass.or.jp/apisat2016)
- Dec:** Annual General Meeting and "Hot Aeros in the Pub". Venue: 3 Wise Monkeys.
- Feb 26 – Mar 2, 2017:** In conjunction with AVALON2017 (see below) will be the 17<sup>th</sup> Australian International Aerospace Congress (AIAC17) being held at Melbourne Cricket Ground on 26 – 28 February 2017 and the Technology Presentations at AVALON2017, 1 - 2 Mar 17. Refer details at: [aiac17.com/](http://aiac17.com/)
- Feb 28- Mar 5, 2017:** AVALON2017 – Australian International Airshow and Aerospace & Defence Exposition – The Essential Aerospace Forum – is open for business. Refer details at: [airshow.com.au/airshow2017/enews/AS2017-Newsletter-ED3.html](http://airshow.com.au/airshow2017/enews/AS2017-Newsletter-ED3.html)
- Aug 14-29, 2017:** 'Total Solar Eclipse Tour' Including visits to famous USA Astronomical and Aerospace Facilities. For further details please contact The Sutherland Astronomical Society Inc. Email: [info@sasi.net.au](mailto:info@sasi.net.au)



**Sept 25-29, 2017:** The 68<sup>th</sup> International Astronautical Congress – **Unlocking imagination, fostering innovation and strengthening security**-- is being held in Adelaide. Thousands of scientists, including some 200 astronauts, will participate in the international space congress. The global economy and security of many nations depends on assured and secure access to satellites that provide communications, timing and navigation services and remote sensing data. Space probes are also vital to our understanding of the solar system and the far universe. The IAC2017 program addresses all of these topics and emphasises

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