



**ROYAL
AERONAUTICAL
SOCIETY**
AUSTRALIAN DIVISION
SYDNEY BRANCH

SEPTEMBER 2018

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<https://www.facebook.com/groups/RAeSSydney/>

NEWSLETTER

‘Women’s Aerospace Panel’

Lee de Winton

**Chief Executive Officer, Sydney Metro
Airports (Bankstown and Camden)**

Sharon Shields MRAeS

Owner Director Comtech Aviation Services

Debbie Slade

Fleet Safety Captain for Qantas Airlines

Allison Spicer

Manager CAMO Services

(CASR 1998 42 CAM) QantasLink

Lea Vesic AMRAeS

**Innovation & Improvement Executive
at Recreational Aviation Australia**



Date: **Wednesday 12th September, 2018**

Time: **18:00 for 18:30 hours (sharp)**

Venue: **University of Technology Sydney (UTS)
Building 11, Ground Floor, Room 405, 81 Broadway, Ultimo**

To view map please **click/copy and paste into your web browser the following:**

www.uts.edu.au/about/about-our-campus/our-campus

Profiles: Lee de Winton joined Sydney Metro Airports (Bankstown and Camden) as Chief Executive Officer in April 2017, taking on responsibility for a significant aviation and property portfolio that includes over 200,000 flights each year and a customer base of more than 100 companies. Lee is an experienced business leader and manager. She brings an understanding of strategy and execution to all her roles, developed through experience in consulting, transformation and as a senior military officer. With vast expertise as a strategic business leader in aviation safety, operations, airworthiness and emergency response management, Lee also brings with her demonstrated transformation experience and a deep understanding of the aviation industry.

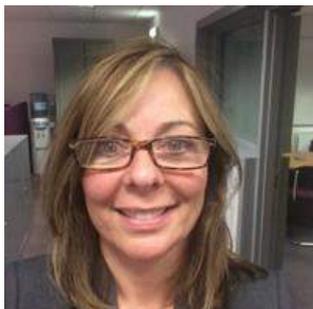
After working as a senior military officer, Lee left the Air Force in April 2015 to take up the role of Head of Freight Operations and Operations Optimisation at Qantas. There she led an international team of Cargo Terminal Operations as well as heading the operations, transformation, safety and compliance of the department as well implementing as a major management restructure. Whilst in the military, Lee established, improved and managed airports in Australia and in Afghanistan. In Afghanistan, she was the Base Commander of Multi National Base, Tarin Kowt, a coalition base of over 7,500 personnel including 2,300 contractors and 1,000 Afghan National Security Forces. Under the umbrella of the US Logistic \$2.2b USD sustainment contract, this role included management of logistics and ensuring secure supply chains in austere environments, something Lee still views as one of her greatest but most rewarding professional challenges.

Lee also served in Iraq and Sudan in Air Traffic Control and Aviation Safety related roles, leading the establishment of a new airspace and civilian aviation structure. Roles where strategic, multinational stakeholder engagement was essential to develop and implement significant changes and ensure correct change-management to embed the new strategies into each organisation.



In 2012, the then WGCDCR de Winton was the winner of the Telstra Australian Business Woman of the Year (NSW Community and Government Category).

Lee is a graduate of Britannia Royal Naval College, Dartmouth, the Australian Institute of Company Directors and holds a Master of Arts (Strategy and Management) from UNSW. Originally from St Andrews, Scotland, Lee professes to know how to hold a golf club but avoids it at all costs, preferring to nurture rather than disappoint her business associates.



Sharon Shields MRAeS: Comtech is a small privately owned aviation business, approved by the European Aviation Safety Authority for design and production of non-flight critical changes for cabin interior parts, aircraft integration and certification. Whilst Sharon is based in Sydney, Australia, Comtech also has facilities in USA, Europe and Asia. With almost thirty years in the engineering industry, Sharon is a globally experienced business, engineering and operations executive with a demonstrated track record of developing, leading and delivering strategy, operational consulting, large-scale and transformation projects and business process improvements. She has extensive P&L

responsibility and capital budgets experience whilst leading national workforces of more than five hundred people across multiple sites in complex, aviation, transport, industrial, power generation and oil and gas organisations including at Qantas and Weir Group. She has been known for embracing company core values and is a promoter of diversity whilst challenging the norms throughout her career.

Sharon is an RAeS member - since her university days. She is the holder of a diploma in Project Management; a graduate of the Australian Institute of Company Directors; certificates in Six Sigma, an MBA in Technology Management and a Bachelor of Aeronautical Engineering. When she is not working at Comtech, Sharon is a yoga teacher, an avid RSPCA supporter and a Director of Zonta International, Sydney branch – a not for profit organisation that supports the advancement of the status of women locally, nationally and worldwide.

Allison Spicer is responsible for the continued airworthiness of the QantasLink regional fleet of 50 Dash 8 aircraft; including Maintenance Watch, Maintenance Planning, Maintenance Programs, Reliability Engineering, Technical Services, and Technical Records. Allison has a passion for aviation and engineering. She has spent the last 10 years working for Qantas Airways, and prior at Virgin Blue as a technical service engineer. Roles have spanned a broad cross section of airline engineering and maintenance activity including airworthiness control, customer account management, strategy and business planning, maintenance planning, business and operational analytics, technical services and reliability engineering. Allison has played a key role in business transformation activities in both QantasLink and Qantas Engineering, in the analysis of strategies to address changes in maintenance demand. In addition she has worked on several initiatives to leverage the combined engineering and maintenance knowledge base of oneworld member airlines. More recently she has driven business process efficiency, governance, and compliance initiatives within the QantasLink CAMO to deliver improved data quality, decision, and operational performance.



Allison is known for driving and delivering change, with a keen eye on strategic outcomes and positioning the operation to take advantage of future opportunities. She is described by her peers as highly analytical, with a keen attention to detail, ability to digest and synthesise information, and drive a pathway forward. She has formal qualifications in both Engineering (Aeronautical) and Commerce. Prior to joining the aviation industry she worked across various industries whilst pursuing study and a Private Pilot's license.

Debbie Slade was born and raised in New Zealand. She grew up with 2 brothers and followed them into the Scout Association as a Venturer. Through this she had her first flying lesson aged 16 and the thrill of the aerobatics was enough to plant the seed for a career in flying. She completed a Bachelor of Science in Microbiology and worked for a year as an Immunohaematologist before continuing her flying training full time. This involved a move to Australia where she completed all her commercial flying qualifications. She was selected to join the Qantas Cadet program shortly thereafter and after graduation became a Second Officer on the then brand new Boeing 747-400's. After transferring to the B767 as a First Officer in 1995, Debbie entered a training role, providing instruction in the simulators for new Second Officers.

Debbie has been a Captain for 17 years –on the B767 for 12 years and more recently on the Airbus A330. She has also spent time as a Training Captain. Another area of interest is that of Human Factors and Debbie spent many years developing and facilitating Crew Resource Management training.

More recently Debbie spent time as a Base Manager, managing a group of 500 pilots in Sydney. She is currently the Fleet Safety Captain for Qantas Airlines, which involves overseeing the operational and people safety aspects for Flight Operations. This role sees her providing advice and assistance with operational safety investigation matters, and the identification of safety hazards. This role allows her to maintain and improve the Flight Operations safety culture.

Outside her working life, Debbie is married and a Mum to 2 young boys aged 11 and 13.



Lea Vesic AMRAeS is a strong believer that “**you can’t be what you can’t see**” and she is a strong advocate for women in aviation. She enjoys motivating the young pilots of tomorrow to be empowered and be all they can be both in business and aviation. Lea holds a Diploma of Flight Operations, a commercial pilots licence and multi engine command instrument rating. Lea is currently studying a Masters of Aviation Management at the University of New South Wales and completing a Flight Instructors Rating.

Lea has experience working within both the public and private sectors in Sydney, London and Hong Kong in sales, training policy development and finance and administration roles. Currently, Lea is the Innovation and Improvement Executive at Recreational Aviation Australia, and an Aviation Specialist with Azimuth Partners, working with aviation businesses to provide a comprehensive economic review of the industry and guidance on creating a sustainable future. Lea is a guest lecturer at the University of New South Wales, the secretariat for TAAAF (The Australian Aviation Associations Forum), sits on the Royal Aeronautical Society as a Canberra branch committee member and runs the Women in Aviation Australian chapter.

Synopsis: The Women’s Aerospace Panel represents a broad cross section of the aerospace industry. We will be hearing from women who have come through the rank and file of the defence force into the commercial world, are in the airline industry, as well as areas of aerospace perhaps less known. This will be a perfect opportunity for students, graduates, and professionals to tune into a wealth of experience, network, and have your questions answered. The evening will be dynamic and electric, where questions will range from a, “how to” for students, to blue sky thinkers who want to ask the big questions. The moderator for the evening will be Lea Vesic.

Agenda

- 18:00 Hours:** Registration | Welcome tea & coffee
- 18:30 hours sharp:** Panellists (Introductions and short presentations by each panellist)
- 19:10 Hours:** Q & A
- 20:00 Hours:** Refreshments to enable the panellists and attendees the opportunity to mingle and to continue discussions.

Parking: Limited parking is available in surrounding streets with paid parking behind the event location (see table for rates). Please observe parking restrictions and allow time to drive to, park, and walk to the venue. (Refer: www.uts.edu.au/about/about-our-campus/our-campus and the map below on Page 5)

Public Transport: Venue (UTS) is a 10 minute walk from Central Station and is well serviced by many bus routes. If your preferred bus route/ferry

Address: Main Car Park – Thomas Street, Ultimo NSW

Contact: (02) 9514 4714

Spaces: 254 bays

Pre-booking is not available at this car park. Simply drive in and park.

Operating Hours	Parking Rates	Other Information
Casual Rates: Monday to Friday		
0 - 1 hour		\$14.00
1 - 2 hours		\$20.00
2 - 3 hours		\$27.00
Maximum		\$27.00
Discount Card Holders		
0 - 9 hours		\$18.00
9+ hours		\$20.00
Weekend Rate		\$16.00
Motorbikes		\$8.00
Overnight Rate (+ previous day's fees)		\$10.00
Monthly Parking Please contact sales@interpark.com.au		

terminates at Wynyard or Town Hall or Circular Quay, you will need to catch a train to Central Station. Please refer for further details: www.sydneybuses.info/routes/timetables-route-maps

RSVP: Whilst attendance is free - registration for the evening **is required**. Please register by clicking on/copying and pasting into your URL this link: <https://raesep18.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.

'Why Space? Why Now?' **The Transformation of Space in the 21st Century'**

Speaker: **William E. Barrett, Senior Vice President
Asia Pacific Aerospace Consultants (APAC)***

Date: **Wednesday 19th September, 2018**

Time: **18:00 for 18:20 hours (sharp)**

Venue: **Wool Room, International House
University of Sydney, 96 City Road, Darlington**

To view map please click/copy and paste into your web browser the following:
www.google.com/maps/place/International+House,+The+University+of+Sydney/



Biography: William E Barrett has over 25 years' experience in the Space and Telecommunications industries. He has held senior positions in commercial management, marketing, business development and technical management for Hughes Space and Communications (now Boeing Satellite Systems) in the USA, for OTC and Telstra in Australia with extensive experience in Asia. He has experience in all major space industry areas including satellite manufacture and communications, ground stations, launch vehicles, space insurance and policy. Mr. Barrett built telecommunications satellites at Hughes in design engineering, project management and customer liaison roles. At OTC (Australia's international telco) his roles included commercial management of OTC space activities; management of international leased lines from Australia via satellite and undersea cables; management of customer equipment and communications

services contracts for corporate clients throughout Asia. He led the bid team to win the INTELSAT Satellite Tracking Ground Station facility and managed the INTELSAT facility, the ESA satellite tracking facility in Perth and contracts with NASA.

After the merger of OTC into Telstra, Mr. Barrett became Business Manager, Asia-Pacific responsible for developing telecommunications businesses throughout Asia. He established new Intelligent Network (IN) businesses in the Philippines, Indonesia and Malaysia and won major network contracts in Hong Kong. He managed international strategy and regulatory issues (including interconnect) for Telstra's \$500 million p.a. Card Services & Payphones Products including development of Internet based information services distributed through Payphones and Kiosks.

Mr. Barrett has strong Finance industry experience as a Director of the Telstra Credit Union and developing products with Visa and Asian banks at Telstra. As Director, Technical and Business Management for GIO Space, one of the largest space insurance underwriters, he managed the risk evaluation of commercial satellites and launch vehicles. As General Manager, Commercial Operations for the Asia Pacific Space Centre, a start-up company developing the Russian Soyuz/Aurora rocket and launch site on Christmas Island, he developed the Information Memorandum with investment banks



and led investor presentations.

Mr. Barrett has extensive experience in space policy and advocacy. In 1998 he led the industry lobby effort for the Australian Space Activities Bill securing major positive changes before its passage into law. He served in the Australian Delegation at the 3rd United Nations Conference on Outer Space (UNISPACE III) in 1999 as an expert advisor on commercial space matters. He was a member of Senator Chapman's Space Policy Advisory Group, co-founder and long term Deputy Chairman of the Space Industry Association of Australia (SIAA) and co-author of the APAC report on Australian Space Activities and their economic impact which underpins the current Australian Space Utilisation Policy.

Mr. Barrett has a Bachelor of Science Degree in Electrical Engineering and a Bachelor of Arts Degree in History from the University of Notre Dame (Indiana, USA) and Post-Graduate studies in Electrical Engineering and Physics at the Federal Polytechnic Institute in Zurich, Switzerland as a Rotary International Graduate Fellow.

* APAC offers business focussed consulting services to the space industry including strategic planning, market analysis and business assessment studies, market positioning and risk management advice for clients worldwide. Recent projects include feasibility studies for satellite maritime monitoring and remote asset communications; development of an Australian satellite broadband service which led to Government commitment to the NBN satellites; business development for a geospatial information provider; valuation of an in-orbit communications satellite; studies of Australian space activities, capabilities and their economic impact for the Australian Government which underpinned the Expert Review Group work on the Australian Space Agency; reports on the space activities of 17 Asian nations for ESA. APAC is an active participant in the New Space start-up scene having advised and assisted more than a dozen start-up space ventures over the years including exactEarth, Myriota and RocketLab.

Synopsis: Space in Australia is currently in a very peculiar position, it is both well-seasoned, experienced, and world leading, and yet, it is also in an embryonic stage. Australia, as a country, has a space act, is not unfamiliar with the umpteen different facets of the space industry, and yet the space agency was, as some may term it "re-launched", earlier this year. As people who've been in the industry for a time may attest, Australia has its own niche in space, and has been fairing very well too.

That calls into question what Australia's position on space should be, how do we approach the space agency? It's without question a hotly debated topic, but can the industry, or at least a small cross section of it, agree on some of the more major aims of the space agency.

The younger generation and the public are egged on by dreams of fantastical rockets, but those who know the game appreciate the insurmountable restrictions that we have here in Australia, that may not allow that to be the case. We may continue with carving out a niche, we may well champion more agile, and incubator styled approaches. The principle is simply this: Australia is far behind in space, how do we catch up? Where do we place our focus?

This event will be an introduction to space, by William "Bill" Barrett, followed by a rigorous Insight styled discussion and debate. The discussion will cover the depth of the experienced, and the aspirations of the next generation, tempering the talent, and tenacity of everyone to not only get everyone on the same page, but put forward potential solutions.



Agenda

18:00 Hours	Registration Welcome tea & coffee
18:20 sharp	Welcomes, and Introduction
18:30	Information session commences
19:10	Information session ends; room re-arranged
INTERVAL	
19:20	Meeting of the Minds format briefing
19:30	Meeting of the Minds commences
20:30	Meeting of the Minds concludes - Light supper (pizzas) to enable the speaker and attendees the opportunity to mingle and to continue discussions.

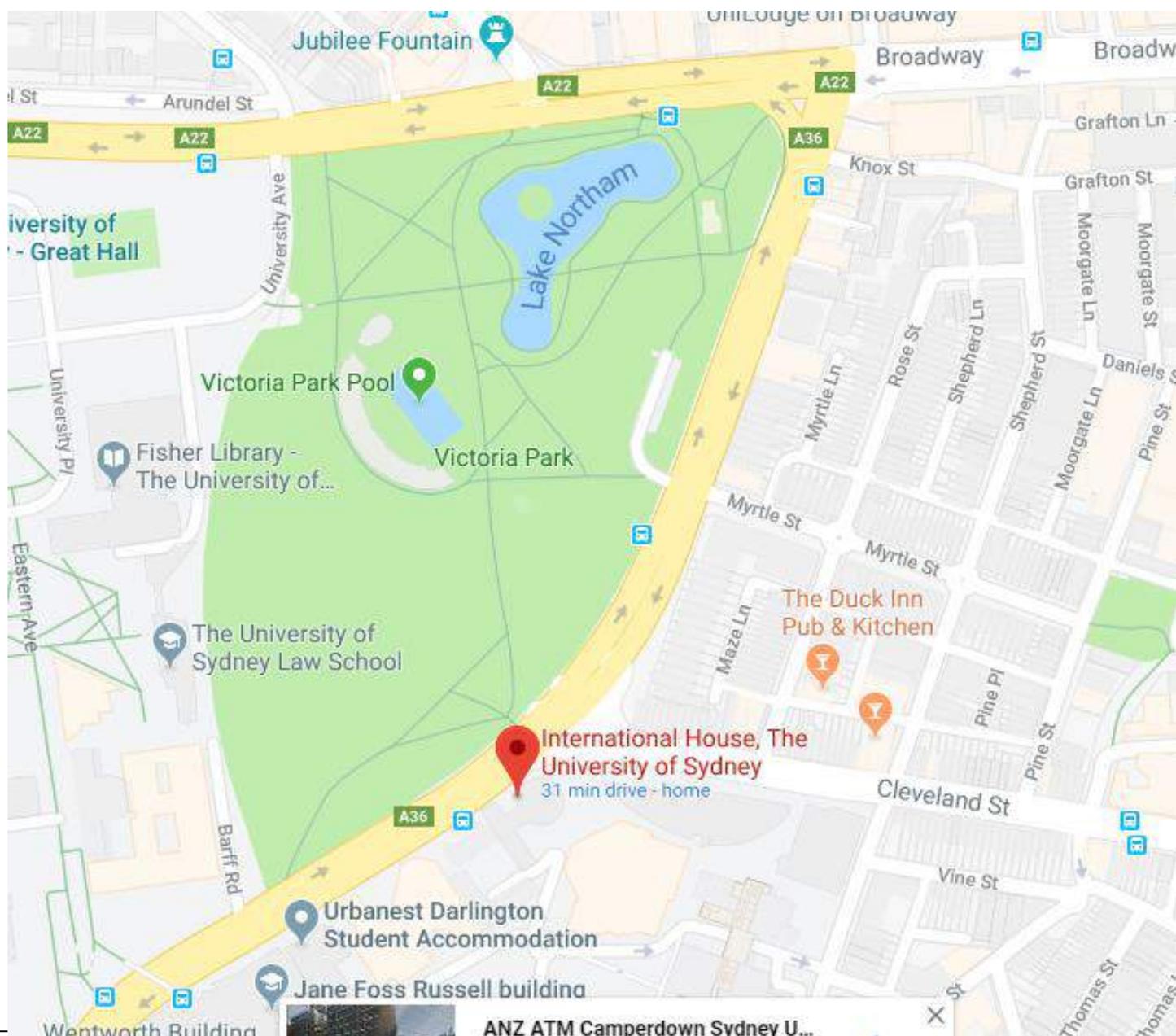
RSVP: Whilst attendance is free - registration for the evening **is required**. Please register by clicking on/copying and pasting into your URL this link: <https://goo.gl/forms/RIDh3ul64W936rGv1> Your registration will be confirmed by email. **Please print the email and present it at the door. Please 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.

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 Uni of Sydney, park, and walk to the venue.

Entry from City Road, no parking is available at City Road.

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 (but not 422) 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. Please refer for further details: <http://www.sydneybuses.info/routes/timetables-route-maps>

Location: Building Name: International House, 96 City Road, Darlington www.google.com/maps/place/International+House,+The+University+of+Sydney/



Closed Member Only Group on Facebook: Sydney branch is live video streaming our monthly branch lectures. Watch lectures live or at a later time, at the “RAeS - Sydney Branch - Members Only” group within Facebook. Please note that this service is only available to financial members of the Royal Aeronautical Society.

Past Newsletters are now stored on our website: Members are advised that all Sydney Branch Newsletters since February 2012 are now stored on our website. To access this information enter our web address (www.raes.org.au) into your browser, click ‘About’ then ‘Sydney Branch’ and scroll this page to the heading ‘Sydney Branch Newsletters’. Newsletters are arranged by month within each year heading.

Alliance Celebrates 90th Anniversary of Kingsford Smith’s Crossing – Celebrating “Smithy”

June 2018 marked the 90th anniversary of the first trans-Pacific crossing by the Sir Charles Kingsford Smith (or ‘Smithy’ as he was affectionately known at the time) and his brave crew. On 9 June 1928, Smithy and his crew landed their Fokker VII/3m at Eagle Farm, at almost the exact location where Alliance Airlines offices and maintenance facilities are today located at what is now Brisbane Airport. Smithy’s Fokker was one of the earliest Fokker aircraft to ever visit Australia.

Alliance Airlines also marked the 90th anniversary of Sir Charles Kingsford Smith’s trans-Pacific crossing with a celebratory flight on its special livery Fokker 100. The Fokker 100 (Alliance Airlines 32nd aircraft which bear the registration mark VH-FGB*) features a special livery that features an image of Sir Charles Kingsford Smith on the tail, while the fuselage features the Fokker F.VIIb/3m Trimotor, named Southern Cross, used for the successful crossing in 1928.

On Saturday morning, 9th July, 2018, the aircraft VH-FGB departed Brisbane Airport’s Runway 19, then



made a series of right hand turns flying over the city before setting course in a south easterly direction over the Pacific Ocean. Upon reaching Ballina – the point at which Sir Charles crossed the Australian coastline – VH-FGB turned north, flying over the Gold Coast and then landed back at Brisbane’s Runway 19 at 1050, the exact time Sir Charles touched down. It was understood air traffic controllers had

issued VH-FGB with special flight plan to ensure there were no other aircraft scheduled to land at Brisbane at 1050. The full flight path can be seen on the **Flightaware website**.

* In commemoration of this historic event, Alliance partnered with Newstead Brewing to offer an exclusive Alliance Airlines beer - “Smithy’s FGB” Golden Ale. Stock is available on board Alliance flights. It is also available for purchase by visiting www.smithysfgb.com.

Lockheed Martin Mentoring Program –Sponsoring seats at the Women in Aviation/Aerospace Australia Melbourne Summit 17th October 2018:

Women in A/AA is pleased to announce 30 spaces will be made available with the aim of inspiring the next generation of female aviation professionals to select a career in aviation or continue to pursue their studies and feel connected with the industry. This includes full day attendance at the summit, including all meals and sessions with the cost covered by Lockheed Martin. Applications for complimentary mentee attendance must be submitted directly to Samantha after a paid booking has been made via the A/AA website - www.aviationaerospace.org.au/events/women-in-aaa/women-in-aaa-vic-summit-2018

Limit of two (2) mentee spots are available per table booking and limit of one (1) mentee space per individual bookings. Mentee applications will be assessed on the below requirements and accepted on a first received basis. Please email samantha@aviationaerospace.org addressing the four points below:

1. Must be attending with a paid (professional) ticket - please provide name of booking
2. Provide details of the course/school enrolled (attach proof of enrolment)
3. Provide 30 words on your career aim – why are you interested in aviation and which career role are you pursuing
4. Age limit: 15 – 24 (Exceptions can be made for those already in the industry and already undertaking the training process of transitioning to a technical role)

Remember applications that meet the above requirements will be approved in the order they are received, so apply now!

The 60th Sir Charles Kingsford Smith Memorial Lecture and Annual Branch Dinner

When: **Wednesday**
7th November, 2018

Time: **18:00 hours**

Speaker: **Vince Di Pietro FRAeS**
Vice President and Chief Executive
Lockheed Martin Australia and New
Zealand

Vince has titled his presentation:
“Fulfilling the Altair vision: the
perennial tyranny of distance and
time”

Venue: **Powerhouse Museum**
500 Harris Street, Ultimo
(See details and map)



This Prestigious
Lecture and following
Annual Branch Dinner
is proudly sponsored
by:



and



Rolls-Royce



Sir Charles Kingsford Smith MC, AFC

Born 9 February 1897 in Brisbane, Sir Charles Kingsford Smith was a renowned Australian aviator, known for being the first to complete a non - stop flight across the Australian main land and the first to complete a Trans - Pacific flight from the United States to Australia amongst his many achievements.



Biography: Vince served in the Royal Australian Navy for 40 years. His naval career included flying operations and leadership roles in aviation; squadron, shore and joint commands; education; diplomacy; safety and risk management; and system safety. He holds a Master of Arts (Strategic Studies) from Deakin University. He was awarded the Conspicuous Service Cross in 2007 for outstanding achievement as Director General Navy Certification, Safety & Acceptance in Navy Systems Command. On promotion to Commodore he was appointed Australia's Naval Attaché to the United States and his work as Naval Attaché was recognised by the United States with the award of the Legion Of Merit (Officer Division) by the Secretaries of Defence and US Navy.

On return to Australia he was Director-General Navy Capability Plans and Engagement in Navy Strategic Command and, from January 2013, Commander Fleet Air Arm. During his command significant recapitalization of the Fleet Air Arm's facilities and fleet occurred, including acquisition of Seahawk Romeo helicopters, operational transition of the Maritime Support helicopter, the foundations of the Helicopter Aircrew Training System, and modernisation of the RAN's aviation facilities in Nowra and WA.

Vince retired from full time service in March 2016. He was appointed as Member of the Order of Australia in 2016 for exceptional service. He is a Fellow of the Royal Aeronautical Society and of the Australian Institute of Company Directors.

Vince has been the Chief Executive of Lockheed Martin Australia since December 2016 and is leading LMA to achieve its vision to be Australia's partner of choice for defence, aerospace, sustainment and technology solutions.

The date for Vince's presentation, 7th November, 2018 is close to the in-country arrival of the Lockheed F-35 (anticipated week of 10 December).



This year is also the 90th Anniversary of Charles Kingsford Smith and Charles Ulm's 1928 trans-Pacific flight which completed in Brisbane on 9th June, 1928.

This Prestigious Lecture and Dinner is sponsored by:



Dinner Dress: Black tie or lounge suit. The Committee looks forward to your company.

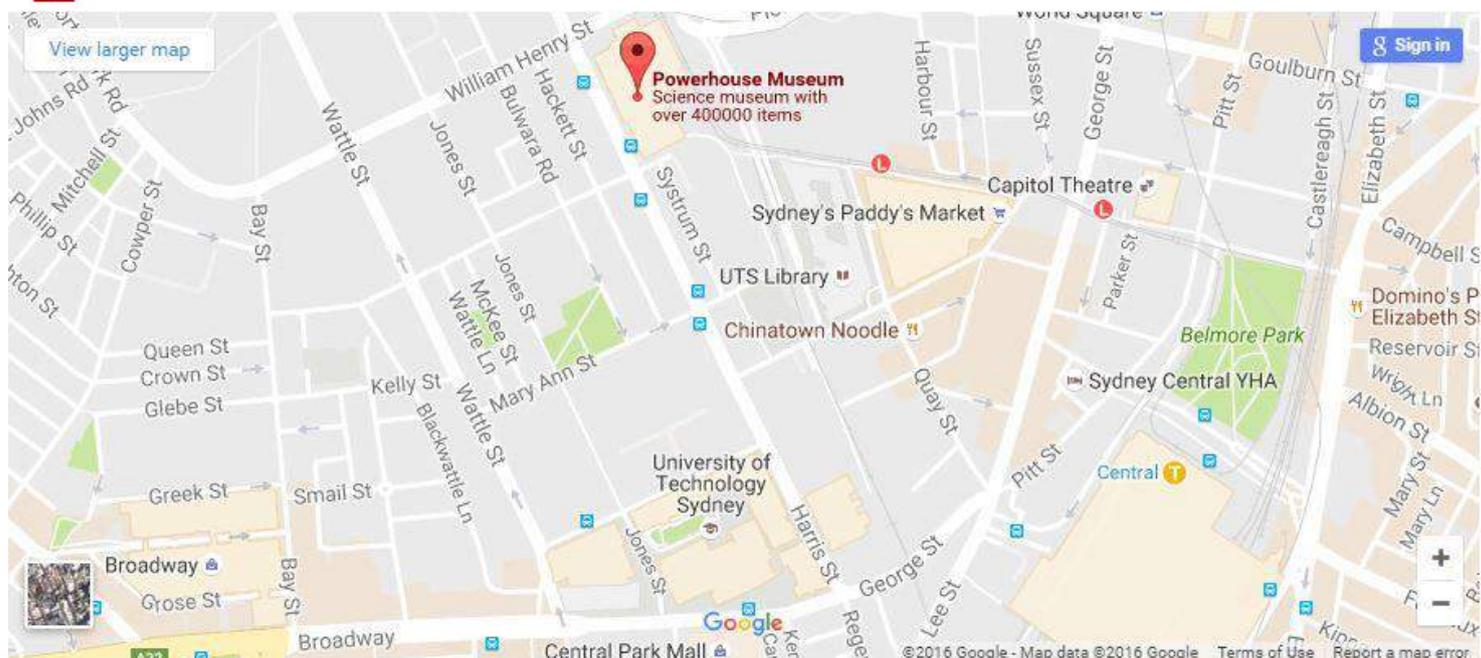


Please allow time for travel using public transport, traffic delays, parking, and walking to the venue for an 18:00 hours start. To register and make payment please click on/copy and paste into your URL this link: <http://raesks18.eventbrite.com.au> Your registration will be confirmed by email with an attached ticket. **Please print the ticket and present the ticket at the door.** Anyone who does not have access to the internet or prefers to pay manually by cheque/credit card can complete the form on the last page of this newsletter and send to The Dinner Secretary, Mr Jeff Lock, 4 Hillcrest Place, North Manly NSW. (see Page 12).

The 60th Sir Charles Kingsford Smith Memorial Lecture

Powerhouse Museum details and map

The Powerhouse Museum close to Darling Harbour, Chinatown, Central Station (Sydney Terminal), Broadway bus station (Railway Square), and Exhibition Centre Sydney Light Rail Station. The 501 bus stops directly outside the Museum. For bus, train or ferry timetables and routes either phone the Transport Information Line on 131500 or go to the [website](#).



Parking: There is limited metered street parking near the museum, located on Harris St, Macarthur St and adjacent streets.

Discounted parking: Powerhouse Museum has discounted parking options with the following providers: [Wilson Parking \(adjacent to Novotel Sydney Central\)](#), 179 Thomas Street, Haymarket

Discounted \$15 all day parking is available for Powerhouse Museum visitors. To obtain the discount, your parking ticket must be validated at the designated machine located in the Museum shop before returning to the car park.

[Harbourside Car park](#), 100 Murray Street, Pyrmont. Phone 1800 PARKING (1800 727 5464)

Discounted \$14 all day parking is available for Powerhouse Museum visitors. To obtain the discount, your parking ticket must be validated at the designated machine located in the Museum shop before returning to the car park.

Society Merchandise for Sale: Sydney branch has a selection of Society Merchandise for sale at its regular monthly meetings. Items include Society Ties, Pins, Lapel Badges, Silver Kestrel Brooches, and Mugs.



Our Sales Director, David Adkins accept cash, cheques and credit cards through PayPal.

Past Newsletters are now stored on our website: Members are advised that all Sydney Branch Newsletters since February 2012 are now stored on our website. To access this information enter our web address (www.raes.org.au) into your browser, click 'About' then 'Sydney Branch' and scroll this page to the heading 'Sydney Branch Newsletters'. Newsletters are arranged by month within each year heading.

Aerospace Websites: www.57rescuecanada.com : Follow Capt. Karl Kjarsgaard's adventures to recover Halifax bomber LW170 which is resting beneath 5000ft of water off the Irish coast;
www.adastron.com/707/updates/updates.htm : Diary of Boeing 707-138B XBA formally Qantas EBA.
www.airshow.com.au www.atsb.gov.au www.aviationmuseum.com.au - Temora Aviation Museum;
<http://boxkite2014.org/book/book.htm> - The Boxkite project.

https://en.wikipedia.org/wiki/Rolls-Royce_Trent

<http://hars.org.au/> Historical Aircraft Restoration Society

<https://herox.com/SpacePoop> The Space Poop Challenge www.powerhousemuseum.com/whatson

<https://qfom.com.au/> Qantas Founders Museum, Longreach, Qld <http://www.singaporeairshow.com/>

<https://www.youtube.com/watch?v=JGjmRRTThdk> How TIME created their new cover image with 958 drones

http://www.rbogash.com/B-52/B-52_Disassembly.html How to move a B-52 without flying it – The Final Disassembly and Transport Update for the move scheduled 3/6/2018 - with the wings split and the fuselage in final stages of prep before hitting the freeway.

<https://airandspace.si.edu/collection-objects/assembly-bio-harness-armstrong-apollo-11>

Diary: **Sept 9-14:** 31st Congress of the International Council of the Aeronautical Sciences, Belo Horizonte, Brazil. Refer details: <http://icas.org/media/ICAS2018CallforPapers.pdf>

Sept 13: AIAA 6th Annual Student Industry Networking Evening will be held at Rydges Sydney Airport. This event is organised between student branches at the University of New South Wales (AIAA UNSW), the University of Sydney (AIAA USSB) and the University of Technology Sydney (PAAS UTS). The student branches are volunteer student run organisations that endeavour to promote professional development and foster relationships between students and the aerospace industry – refer details: www.aiaassb.com.au

Sept 20-22: AirVenture Australia's premier airshow will be hosted at Cessnock Airport – refer: www.airventureaustralia.com.au

Oct 1-5: 69th Annual International Astronautical Congress will take place in Bremen, Germany. Call for Abstracts is now open and closes 28 February 2018. For further details refer: <https://iafastro.directory/iac/browse/IAC-18/catalog-technical-programme>

Oct 3: Lt Col Keirin Joyce MRAeS, Australian Army UAS Sub-Program Manager responsible for all Australian Army UAS activities, at Sydney University, Sydney Nanoscience Hub Lecture Theatre 4002 Messel – further details to be advised.

Oct 16-18: The 10th Asia-Pacific International Symposium on Aerospace Technology (APISAT 2018) to be held in Chengdu, China. APISAT is an initiative by the national aerospace societies of Japan (JSASS), Korea (KSASS), China (CSAA) and Australia (RAeS Australian Division). Founded in 2009, the conference has grown steadily over the past decade and is an important regional conference in the aerospace calendar. Refer details: www.apisat2018.com

Oct 17: Women in Aviation/Aerospace Australia Melbourne Summit 2018, 17 October 2018, 8:30am - 5:30pm, Level 17, RACV City Club, 501 Bourke St, Melbourne. Refer details: www.aviationaerospace.org.au/events/women-in-aaa/women-in-aaa-vic-summit-2018

Nov 7: **The 60th Sir Charles Kingsford Smith Lecture will be held Wednesday 7th November at the Powerhouse Museum, 500 Harris Street, Ultimo. The speaker will be Vince Di Pietro, Chief Executive, Lockheed Martin Australia and New Zealand. This date is close to the in-country arrival of the F-35 (anticipated week of 10 Dec).**

Nov 15-17: Aviatex - Australia's largest and most comprehensive general aviation trade show and aviation careers expo, Bankstown Airport. Refer details: www.aviatex.com.au

Dec 7: The Sydney Branch Christmas and final meeting for the year will be addressed by Mr Greg Hood, Chief Commissioner, Australian Transport Safety Bureau. Further details to be advised.

Feb 9, 2019: The fiftieth anniversary of the first Boeing 747 flight.

Feb 26-Mar 3: **AVALON 2019** - The essential aviation, aerospace and defence showcase for Australia and the Asia Pacific Region, Avalon Airport, Geelong, Victoria

July 20, 2019: The fiftieth anniversary of the first men walking on the moon.

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**ROYAL
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SOCIETY**
AUSTRALIAN DIVISION
SYDNEY BRANCH

SEPTEMBER 2018

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<https://www.facebook.com/groups/RAeSSydney/>

NEWSLETTER

‘Why Space? Why Now?’

The Transformation of Space in the 21st Century’

Speaker: **William E. Barrett, Senior Vice President**

Asia Pacific Aerospace Consultants (APAC)*

Date: **Wednesday 19th September, 2018**

Time: **18:00 for 18:20 hours (sharp)**

Venue: **Wool Room, International House**

University of Sydney, 96 City Road, Darlington

To view map please click/copy and paste into your web browser the following:

www.google.com/maps/place/International+House,+The+University+of+Sydney/



Biography: William E Barrett has over 25 years’ experience in the Space and Telecommunications industries. He has held senior positions in commercial management, marketing, business development and technical management for Hughes Space and Communications (now Boeing Satellite Systems) in the USA, for OTC and Telstra in Australia with extensive experience in Asia. He has experience in all major space industry areas including satellite manufacture and communications, ground stations, launch vehicles, space insurance and policy. Mr. Barrett built telecommunications satellites at Hughes in design engineering, project management and customer liaison roles. At OTC (Australia’s international telco) his roles included commercial management of OTC space activities; management of international leased lines from Australia via satellite and undersea cables; management of customer equipment and communications

services contracts for corporate clients throughout Asia. He led the bid team to win the INTELSAT Satellite Tracking Ground Station facility and managed the INTELSAT facility, the ESA satellite tracking facility in Perth and contracts with NASA.

After the merger of OTC into Telstra, Mr. Barrett became Business Manager, Asia-Pacific responsible for developing telecommunications businesses throughout Asia. He established new Intelligent Network (IN) businesses in the Philippines, Indonesia and Malaysia and won major network contracts in Hong Kong. He managed international strategy and regulatory issues (including interconnect) for Telstra’s \$500 million p.a. Card Services & Payphones Products including development of Internet based information services distributed through Payphones and Kiosks.

Mr. Barrett has strong Finance industry experience as a Director of the Telstra Credit Union and developing products with Visa and Asian banks at Telstra. As Director, Technical and Business Management for GIO Space, one of the largest space insurance underwriters, he managed the risk evaluation of commercial satellites and launch vehicles. As General Manager, Commercial Operations for the Asia Pacific Space Centre, a start-up company developing the Russian Soyuz/Aurora rocket and launch site on Christmas Island, he developed the Information Memorandum with investment banks and led investor presentations.



Mr. Barrett has extensive experience in space policy and advocacy. In 1998 he led the industry lobby effort for the Australian Space Activities Bill securing major positive changes before its passage into law. He served in the Australian Delegation at the 3rd United Nations Conference on Outer Space (UNISPACE III) in 1999 as an expert advisor on commercial space matters. He was a member of Senator Chapman's Space Policy Advisory Group, co-founder and long term Deputy Chairman of the Space Industry Association of Australia (SIAA) and co-author of the APAC report on Australian Space Activities and their economic impact which underpins the current Australian Space Utilisation Policy.

Mr. Barrett has a Bachelor of Science Degree in Electrical Engineering and a Bachelor of Arts Degree in History from the University of Notre Dame (Indiana, USA) and Post-Graduate studies in Electrical Engineering and Physics at the Federal Polytechnic Institute in Zurich, Switzerland as a Rotary International Graduate Fellow.

* APAC offers business focussed consulting services to the space industry including strategic planning, market analysis and business assessment studies, market positioning and risk management advice for clients worldwide. Recent projects include feasibility studies for satellite maritime monitoring and remote asset communications; development of an Australian satellite broadband service which led to Government commitment to the NBN satellites; business development for a geospatial information provider; valuation of an in-orbit communications satellite; studies of Australian space activities, capabilities and their economic impact for the Australian Government which underpinned the Expert Review Group work on the Australian Space Agency; reports on the space activities of 17 Asian nations for ESA. APAC is an active participant in the New Space start-up scene having advised and assisted more than a dozen start-up space ventures over the years including exactEarth, Myriota and RocketLab.

Synopsis: Space in Australia is currently in a very peculiar position, it is both well-seasoned, experienced, and world leading, and yet, it is also in an embryonic stage. Australia, as a country, has a space act, is not unfamiliar with the umpteen different facets of the space industry, and yet the space agency was, as some may term it "re-launched", earlier this year. As people who've been in the industry for a time may attest, Australia has its own niche in space, and has been fairing very well too.

That calls into question what Australia's position on space should be, how do we approach the space agency? It's without question a hotly debated topic, but can the industry, or at least a small cross section of it, agree on some of the more major aims of the space agency.

The younger generation and the public are egged on by dreams of fantastical rockets, but those who know the game appreciate the insurmountable restrictions that we have here in Australia, that may not allow that to be the case. We may continue with carving out a niche, we may well champion more agile, and incubator styled approaches. The principle is simply this: Australia is far behind in space, how do we catch up? Where do we place our focus?

This event will be an introduction to space, by William "Bill" Barrett, followed by a rigorous Insight styled discussion and debate. The discussion will cover the depth of the experienced, and the aspirations of the next generation, tempering the talent, and tenacity of everyone to not only get everyone on the same page, but put forward potential solutions.



Agenda

18:00 Hours	Registration Welcome tea & coffee
18:20 sharp	Welcomes, and Introduction
18:30	Information session commences
19:10	Information session ends; room re-arranged
INTERVAL	
19:20	Meeting of the Minds format briefing
19:30	Meeting of the Minds commences
20:30	Meeting of the Minds concludes - Light supper (pizzas) to enable the speaker and attendees the opportunity to mingle and to continue discussions.

RSVP: Whilst attendance is free - registration for the evening **is required**. Please register by clicking on/copying and pasting into your URL this link: <https://goo.gl/forms/RIDh3ul64W936rGv1> Your

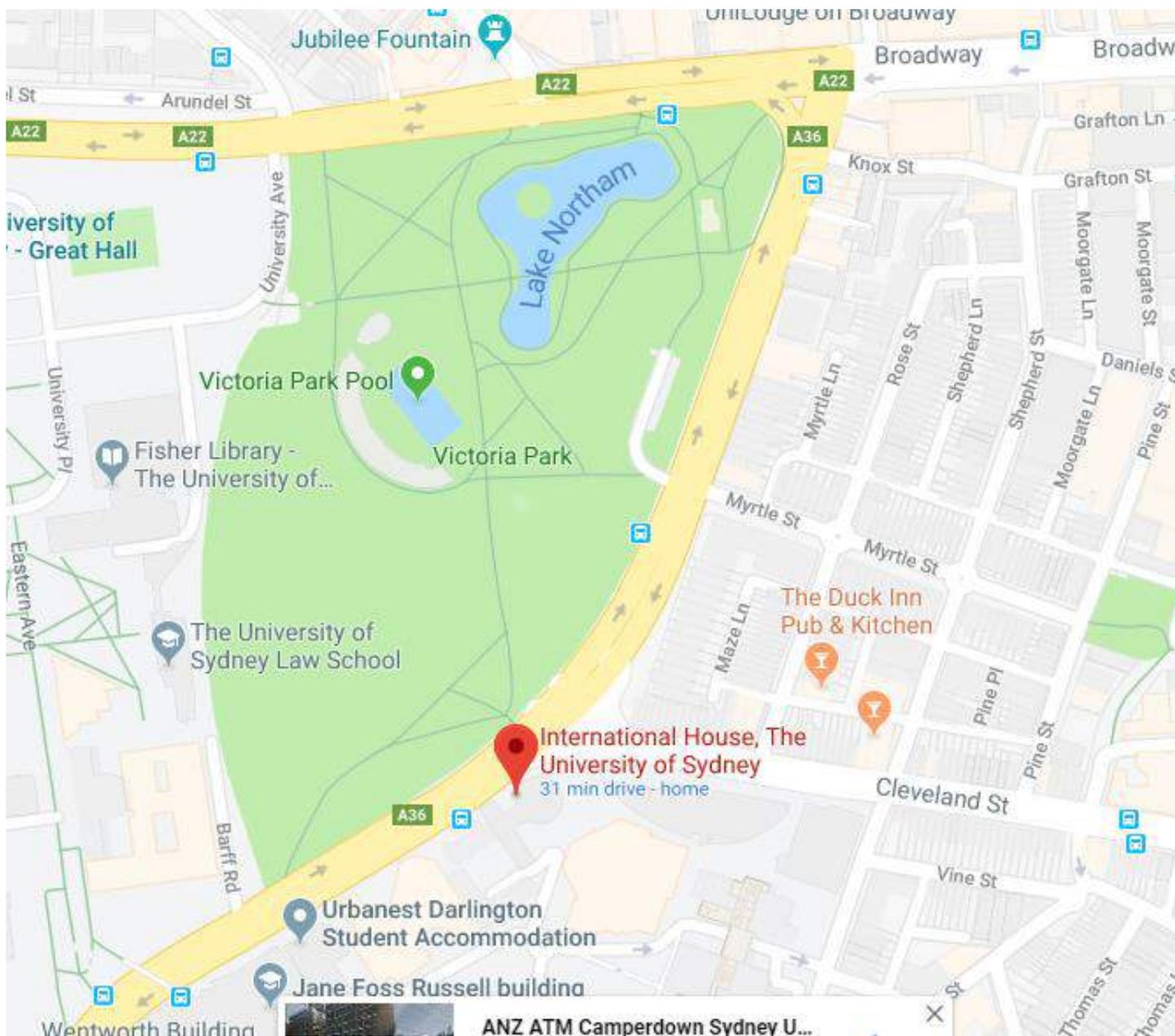
registration will be confirmed by email. **Please print the email and present it at the door. Please note:** Non members should enter the code **NM** if requested to enter a RAeS membership number. Any member who does not have access to the internet can send a letter to Mr Jeff Lock, 4 Hillcrest Place, 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.

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 Uni of Sydney, park, and walk to the venue.

Entry from City Road, no parking is available at City Road.

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 (but not 422) 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. Please refer for further details: <http://www.sydneybuses.info/routes/timetables-route-maps>

Location: Building Name: International House, 96 City Road, Darlington www.google.com/maps/place/International+House,+The+University+of+Sydney/



Closed Member Only Group on Facebook: Sydney branch is live video streaming our monthly branch lectures. Watch lectures live or at a later time, at the “RAeS - Sydney Branch - Members Only” group within Facebook. Please note that this service is only available to financial members of the Royal Aeronautical Society.

Past Newsletters are now stored on our website: Members are advised that all Sydney Branch Newsletters since February 2012 are now stored on our website. To access this information enter our web address (www.raes.org.au) into your browser, click ‘About’ then ‘Sydney Branch’ and scroll this page to the heading ‘Sydney Branch Newsletters’. Newsletters are arranged by month within each year heading.

Alliance Celebrates 90th Anniversary of Kingsford Smith’s Crossing – Celebrating “Smithy”

June 2018 marked the 90th anniversary of the first trans-Pacific crossing by the Sir Charles Kingsford Smith (or ‘Smithy’ as he was affectionately known at the time) and his brave crew. On 9 June 1928, Smithy and his crew landed their Fokker VII/3m at Eagle Farm, at almost the exact location where Alliance Airlines offices and maintenance facilities are today located at what is now Brisbane Airport. Smithy’s Fokker was one of the earliest Fokker aircraft to ever visit Australia.

Alliance Airlines also marked the 90th anniversary of Sir Charles Kingsford Smith’s trans-Pacific crossing with a celebratory flight on its special livery Fokker 100. The Fokker 100 (Alliance Airlines 32nd aircraft which bear the registration mark VH-FGB*) features a special livery that features an image of Sir Charles Kingsford Smith on the tail, while the fuselage features the Fokker F.VIIb/3m Trimotor, named Southern Cross, used for the successful crossing in 1928.

On Saturday morning, 9th July, 2018, the aircraft VH-FGB departed Brisbane Airport’s Runway 19, then



made a series of right hand turns flying over the city before setting course in a south easterly direction over the Pacific Ocean. Upon reaching Ballina – the point at which Sir Charles crossed the Australian coastline – VH-FGB turned north, flying over the Gold Coast and then landed back at Brisbane’s Runway 19 at 1050, the exact time Sir Charles touched down. It was understood air traffic controllers had

issued VH-FGB with special flight plan to ensure there were no other aircraft scheduled to land at Brisbane at 1050. The full flight path can be seen on the **Flightaware website**.

* In commemoration of this historic event, Alliance partnered with Newstead Brewing to offer an exclusive Alliance Airlines beer - “Smithy’s FGB” Golden Ale. Stock is available on board Alliance flights. It is also available for purchase by visiting www.smithysfgb.com.

Lockheed Martin Mentoring Program –Sponsoring seats at the Women in Aviation/Aerospace Australia Melbourne Summit 17th October 2018:

Women in A/AA is pleased to announce 30 spaces will be made available with the aim of inspiring the next generation of female aviation professionals to select a career in aviation or continue to pursue their studies and feel connected with the industry. This includes full day attendance at the summit, including all meals and sessions with the cost covered by Lockheed Martin. Applications for complimentary mentee attendance must be submitted directly to Samantha after a paid booking has been made via the A/AA website - www.aviationaerospace.org.au/events/women-in-aaa/women-in-aaa-vic-summit-2018

Limit of two (2) mentee spots are available per table booking and limit of one (1) mentee space per individual bookings. Mentee applications will be assessed on the below requirements and accepted on a first received basis. Please email samantha@aviationaerospace.org addressing the four points below:

1. Must be attending with a paid (professional) ticket - please provide name of booking
2. Provide details of the course/school enrolled (attach proof of enrolment)
3. Provide 30 words on your career aim – why are you interested in aviation and which career role are you pursuing
4. Age limit: 15 – 24 (Exceptions can be made for those already in the industry and already undertaking the training process of transitioning to a technical role)

Remember applications that meet the above requirements will be approved in the order they are received, so apply now!

Invitation - Southern Cloud Discovery - Sixty Years On

Special Event - Tom Sonter (guest of honour)

Friday 2 November - Dinner at Elms Restaurant (Tumbarumba Motel)

6.30 for 7.00pm Cost \$45 Hors d'oeuvres, dinner, dessert, drinks available at own expense
Full payment with booking to the Motel 02 69482494. Eftpos available

Bookings close 27 October. Please advise any serious dietary issues when booking.

Saturday 3 November - Walk to the crash site.

This is an unsupported (but guided walk) from the locked gates to the site. Total distance 14 km. The last section to the crash site 'is a scramble'.

Accommodation options in Tumbarumba (see below). Early booking is essential. There is another large event on the same weekend.

Tumba Creek Caravan Park 02 69483330 OR bookings@tumbacreek.com.au

Self-contained cottages

www.tumbacottages.com

Tumbarumba Motel

02 69482494

Tumbarumba Bowling Club Motel

02 69482333

Union Hotel

02 69482165

Tumbarumba Hotel

02 69482562

For further information please contact: Ron Frew, Tumbarumba Historical Society
thefrews@activ8.net.au 02 6948 3262

Women in Aviation Assistance Scholarship: Sydney Metro Airports Bankstown and The Regional



Aviation Association of Australia are pleased to invite applications for the Women in Aviation Assistance Scholarship. Funded by Sydney Metro Airports Bankstown in partnership with BASAIR Aviation College with a value



of over \$3000, this scholarship will allow five (5) young women to each undergo two (2) introductory flights with **BASAIR** BASAIR. This will then be accompanied by two days on site with **AVIATION COLLEGE** the Airport Management Team, learning about the compliance, operations, aviation safety, and contractor management at the Airport. These awards are aimed at young women currently residing near or within the Sydney Basin area and the applicants will ideally be studying Year 11 or 12 at a school or TAFE. The winners will be notified in advance with the award being presented in October with first flights being undertaken (if convenient) during the Aviatex Aviation Industry event being held at Bankstown airport from 15 to 17 November 2018.

All applications will be judged by a panel comprising senior members of the RAAA, Sydney Metro Airports Bankstown and BASAIR Aviation College. The decision of the judges is final, and no correspondence will be entered into.

Applicants should complete the Application Form ([Women-in-Aviation-Scholarship.pdf](#)), attaching extra pages if required. You may attach any additional or special information which you feel may support your application, including copies of any references or special awards, school reports or certificates, and your curriculum vitae if applicable.

Applications should be received at the RAAA Office by 15 October 2018. Applications can be mailed, emailed or a link sent via DropBox (administration@raaa.com.au)

Lawrence Hargrave Award - 2019: Some nineteen years ago the Australian Division of the Royal Aeronautical Society established the Lawrence Hargrave Award to recognise achievement at all levels and in all disciplines of aerospace within Australia. The Lawrence Hargrave Award honours one of the true pioneers of flight. Hargrave's experiments with box kites at Stanwell Park near Sydney in the 1890s proved to be one of the most significant early developments in aviation.

The Award, which is presented every two years, follows in the tradition of the Society's UK-based awards which have long been regarded as the pinnacle of achievement in the aviation industry. The winner will be announced at the Australian International Airshow and Aerospace & Defence Exposition

at Avalon on Tuesday, 26th February, 2019 and the Award will be presented in Melbourne at the 18th Australian International Aerospace Congress dinner.

Any Australian working in, or retired from, a discipline involved in the support of air and space flight in Australia is eligible. The nominee should have made a proven impact of significant aerospace contribution over a high proportion of their careers. Nominations shall describe in detail why the nominee should be considered with factors such as innovation, how recent the work and implications. The award can recognise individuals at any stage in their career. The website www.raes.org.au contains the nomination form and a 'paper' version of the form is below.

The **closing date for receipt of such nominations is Friday 23rd November 2018** which should be forwarded to the e-mail address on the nomination form, or can be mailed to: Mr Barry Cupid, 3 Tirrabeena Place, Bangor NSW 2234.

All nominations are treated in strictest confidence and proposers are asked to ensure that nominees are not advised of their nomination.

I would like to nominate (name):

Proposer's contact details (name, address, telephone/fax, e-mail)

Nominee's career history (dates, positions held, nature of responsibility):

Specific achievement/s upon which this nomination is based (in no more than 250 words describe the nominee's involvement in an operation initiative or event which provided a significant contribution to the Australian Aerospace Industry. **Please use a separate page for this résumé:**

The 60th Sir Charles Kingsford Smith Memorial Lecture and Annual Branch Dinner

When: **Wednesday
7th November, 2018**

Time: **18:00 hours**

Speaker: **Vince Di Pietro FRAeS
Vice President and Chief Executive
Lockheed Martin Australia and New
Zealand**

Vince has titled his presentation:
**"Fulfilling the Altair vision: the
perennial tyranny of distance and
time"**

Venue: **Powerhouse Museum
500 Harris Street, Ultimo
(See details and map)**



**This Prestigious
Lecture and following
Annual Branch Dinner
is proudly sponsored
by:**



and



Rolls-Royce



Sir Charles Kingsford Smith MC, AFC

Born 9 February 1897 in Brisbane, Sir Charles Kingsford Smith was a renowned Australian aviator, known for being the first to complete a non-stop flight across the Australian main land and the first to complete a Trans-Pacific flight from the United States to Australia amongst his many achievements.



Biography: Vince served in the Royal Australian Navy for 40 years. His naval career included flying operations and leadership roles in aviation; squadron, shore and joint commands; education; diplomacy; safety and risk management; and system safety. He holds a Master of Arts (Strategic Studies) from Deakin University. He was awarded the Conspicuous Service Cross in 2007 for outstanding achievement as Director General Navy Certification, Safety & Acceptance in Navy Systems Command. On promotion to Commodore he was appointed Australia's Naval Attaché to the United States and his work as Naval Attaché was recognised by the United States with the award of the Legion Of Merit (Officer Division) by the Secretaries of Defence and US Navy.

On return to Australia he was Director-General Navy Capability Plans and Engagement in Navy Strategic Command and, from January 2013, Commander Fleet Air Arm. During his command significant recapitalization of the Fleet Air Arm's facilities and fleet occurred, including acquisition of Seahawk Romeo helicopters, operational transition of the Maritime Support helicopter, the foundations of the Helicopter Aircrew Training System, and modernisation of the RAN's aviation facilities in Nowra and WA.

Vince retired from full time service in March 2016. He was appointed as Member of the Order of Australia in 2016 for exceptional service. He is a Fellow of the Royal Aeronautical Society and of the Australian Institute of Company Directors.

Vince has been the Chief Executive of Lockheed Martin Australia since December 2016 and is leading LMA to achieve its vision to be Australia's partner of choice for defence, aerospace, sustainment and technology solutions.

The date for Vince's presentation, 7th November, 2018 is close to the in-country arrival of the Lockheed F-35 (anticipated week of 10 December).



This year is also the 90th Anniversary of Charles Kingsford Smith and Charles Ulm's 1928 trans-Pacific flight which completed in Brisbane on 9th June, 1928.

This Prestigious Lecture and Dinner is sponsored by:



Dinner Dress: Black tie or lounge suit. The Committee looks forward to your company.

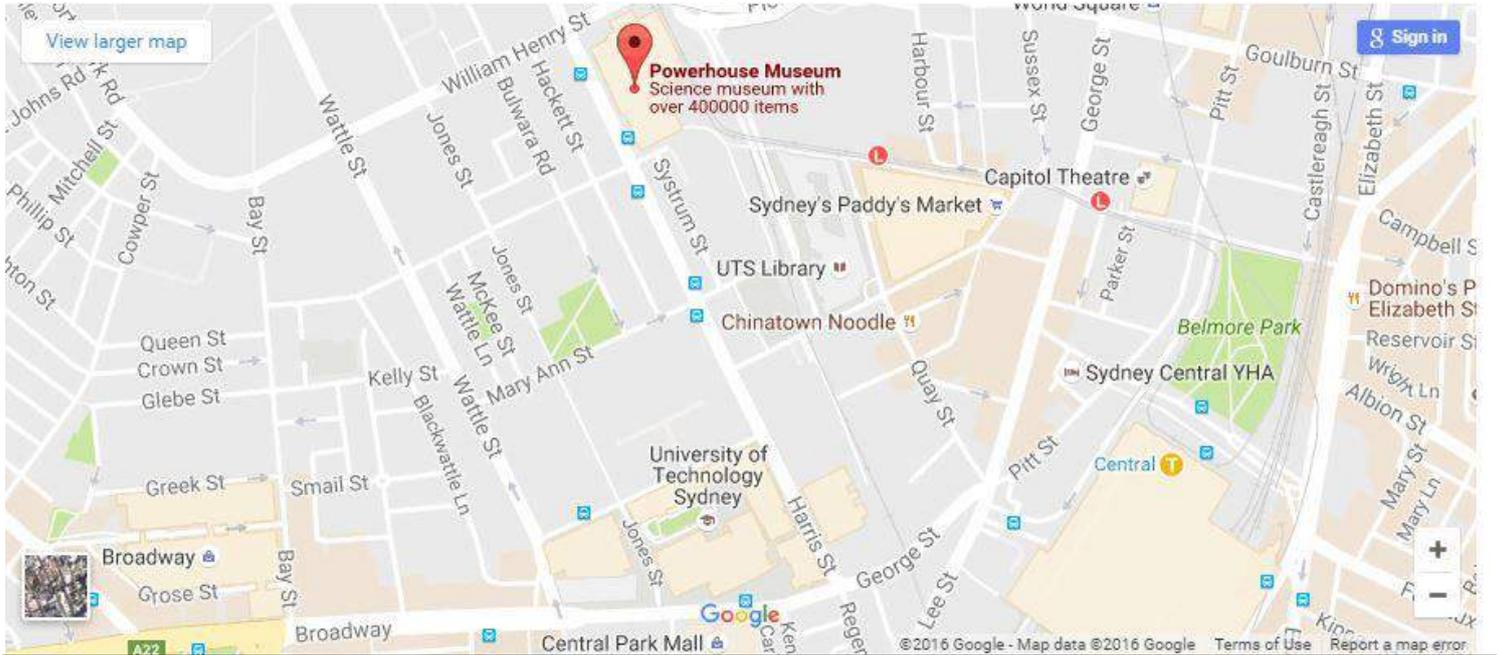


Please allow time for travel using public transport, traffic delays, parking, and walking to the venue for an 18:00 hours start. To register and make payment please click on/copy and paste into your URL this link: <http://raesks18.eventbrite.com.au> Your registration will be confirmed by email with an attached ticket. **Please print the ticket and present the ticket at the door.** Anyone who does not have access to the internet or prefers to pay manually by cheque/credit card can complete the form on the last page of this newsletter and send to The Dinner Secretary, Mr Jeff Lock, 4 Hillcrest Place, North Manly NSW. (see last Page).

The 60th Sir Charles Kingsford Smith Memorial Lecture

Powerhouse Museum details and map

The Powerhouse Museum close to Darling Harbour, Chinatown, Central Station (Sydney Terminal), Broadway bus station (Railway Square), and Exhibition Centre Sydney Light Rail Station. The 501 bus stops directly outside the Museum. For bus, train or ferry timetables and routes either phone the Transport Information Line on 131500 or go to the [website](#).



Parking: There is limited metered street parking near the museum, located on Harris St, Macarthur St and adjacent streets.

Discounted parking: Powerhouse Museum has discounted parking options with the following providers:

[Wilson Parking \(adjacent to Novotel Sydney Central\)](#), 179 Thomas Street, Haymarket

Discounted \$15 all day parking is available for Powerhouse Museum visitors. To obtain the discount, your parking ticket must be validated at the designated machine located in the Museum shop before returning to the car park.

[Harbourside Car park](#), 100 Murray Street, Pyrmont. Phone 1800 PARKING (1800 727 5464)

Discounted \$14 all day parking is available for Powerhouse Museum visitors. To obtain the discount, your parking ticket must be validated at the designated machine located in the Museum shop before returning to the car park.

Society Merchandise for Sale: Sydney branch has a selection of Society Merchandise for sale at its regular monthly meetings. Items include Society Ties, Pins, Lapel Badges, Silver Kestrel Brooches, and Mugs.



Our Sales Director, David Adkins accept cash, cheques and credit cards through PayPal.

Past Newsletters are now stored on our website: Members are advised that all Sydney Branch Newsletters since February 2012 are now stored on our website. To access this information enter our web address (www.raes.org.au) into your browser, click 'About' then 'Sydney Branch' and scroll this

page to the heading 'Sydney Branch Newsletters'. Newsletters are arranged by month within each year heading.

Aerospace Websites: www.57rescuecanada.com : Follow Capt. Karl Kjarsgaard's adventures to recover Halifax bomber LW170 which is resting beneath 5000ft of water off the Irish coast;
www.adastron.com/707/updates/updates.htm : Diary of Boeing 707-138B XBA formally Qantas EBA.
www.airshow.com.au www.atsb.gov.au www.aviationmuseum.com.au - Temora Aviation Museum;
<http://boxkite2014.org/book/book.htm> - The Boxkite project.
https://en.wikipedia.org/wiki/Rolls-Royce_Trent
<http://hars.org.au/> Historical Aircraft Restoration Society
<https://herox.com/SpacePoop> The Space Poop Challenge www.powerhousemuseum.com/whatson
<https://qfom.com.au/> Qantas Founders Museum, Longreach, Qld <http://www.singaporeairshow.com/>
<https://www.youtube.com/watch?v=JGjmRRTThdk> How TIME created their new cover image with 958 drones
http://www.rbogash.com/B-52/B-52_Disassembly.html How to move a B-52 without flying it – The Final Disassembly and Transport Update for the move scheduled 3/6/2018 - with the wings split and the fuselage in final stages of prep before hitting the freeway.
<https://airandspace.si.edu/collection-objects/assembly-bio-harness-armstrong-apollo-11>

Diary: **Sept 20-22:** AirVenture Australia's premier airshow will be hosted at Cessnock Airport – refer: www.airventureaustralia.com.au

Oct 1-5: 69th Annual International Astronautical Congress will take place in Bremen, Germany. Call for Abstracts is now open and closes 28 February 2018. For further details refer: <https://iafastro.directory/iac/browse/IAC-18/catalog-technical-programme>

Oct 3: Lt Col Keirin Joyce MRAeS, Australian Army UAS Sub-Program Manager responsible for all Australian Army UAS activities, at Sydney University, Sydney Nanoscience Hub Lecture Theatre 4002 Messel – further details to be advised.

Oct 15: Sydney Metro Airports Bankstown, The Regional Aviation Association of Australia, and BASAIR Aviation College applications for the Women in Aviation Assistance Scholarship close. Refer page 5 for details.

Oct 16-18: The 10th Asia-Pacific International Symposium on Aerospace Technology (APISAT 2018) to be held in Chengdu, China. APISAT is an initiative by the national aerospace societies of Japan (JSASS), Korea (KSASS), China (CSAA) and Australia (RAeS Australian Division). Founded in 2009, the conference has grown steadily over the past decade and is an important regional conference in the aerospace calendar. Refer details: www.apisat2018.com

Oct 17: Women in Aviation/Aerospace Australia Melbourne Summit 2018, 17 October 2018, 8:30am - 5:30pm, Level 17, RACV City Club, 501 Bourke St, Melbourne. Refer details: www.aviationaerospace.org.au/events/women-in-aaa/women-in-aaa-vic-summit-2018

Nov 2-3: The Southern Cloud Discovery, Sixty Years On. Special Event with Guest of Honour Mr Tom Sontar – refer page 5 for details.

Nov 7: **The 60th Sir Charles Kingsford Smith Lecture will be held Wednesday 7th November at the Powerhouse Museum, 500 Harris Street, Ultimo. The speaker will be Vince Di Pietro, Chief Executive, Lockheed Martin Australia and New Zealand. This date is close to the in-country arrival of the F-35 (anticipated week of 10 Dec).**

Nov 15-17: Aviatex - Australia's largest and most comprehensive general aviation trade show and aviation careers expo, Bankstown Airport. Refer details: www.aviatex.com.au

Nov 23: 2019 Lawrence Hargrave Award nominations close – refer page 5 and 6 for further details.

Dec 7: The Sydney Branch Christmas and final meeting for the year will be addressed by Mr Greg Hood, Chief Commissioner, Australian Transport Safety Bureau. Further details to be advised.

Feb 9, 2019: The fiftieth anniversary of the first Boeing 747 flight.

Feb 26-Mar 3: **AVALON 2019** - The essential aviation, aerospace and defence showcase for Australia and the Asia Pacific Region, Avalon Airport, Geelong, Victoria

Mar 2: The Anglo-French supersonic airliner Concorde, the world's first supersonic airliner, completed a "perfect" maiden flight, which lasted 27 minutes, on March 2 1969. The first flight of the British-built Concorde prototype lasted 22 minutes and was made from Filton airfield near Bristol to RAF Fairford in Gloucestershire on April 9, 1969. Concorde's first supersonic test flight took place on October 1, 1969.

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