



**ROYAL  
AERONAUTICAL  
SOCIETY**  
AUSTRALIAN DIVISION  
SYDNEY BRANCH

**NOVEMBER 2018**

Vol 2018-9 ABN 75 134 058 731

PO Box 573, Mascot, NSW 2020

Web: [www.raes.org.au](http://www.raes.org.au)

Email: [sydneybranch@raes.org.au](mailto:sydneybranch@raes.org.au)

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

**NEWSLETTER**

## **The 60<sup>th</sup> Sir Charles Kingsford Smith Memorial Lecture and Annual Branch Dinner**

When: **Wednesday  
7<sup>th</sup> November, 2018**

Time: **18:00 hours**

Speaker: **Vince Di Pietro AM 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 map below)



**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, 7<sup>th</sup> 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.

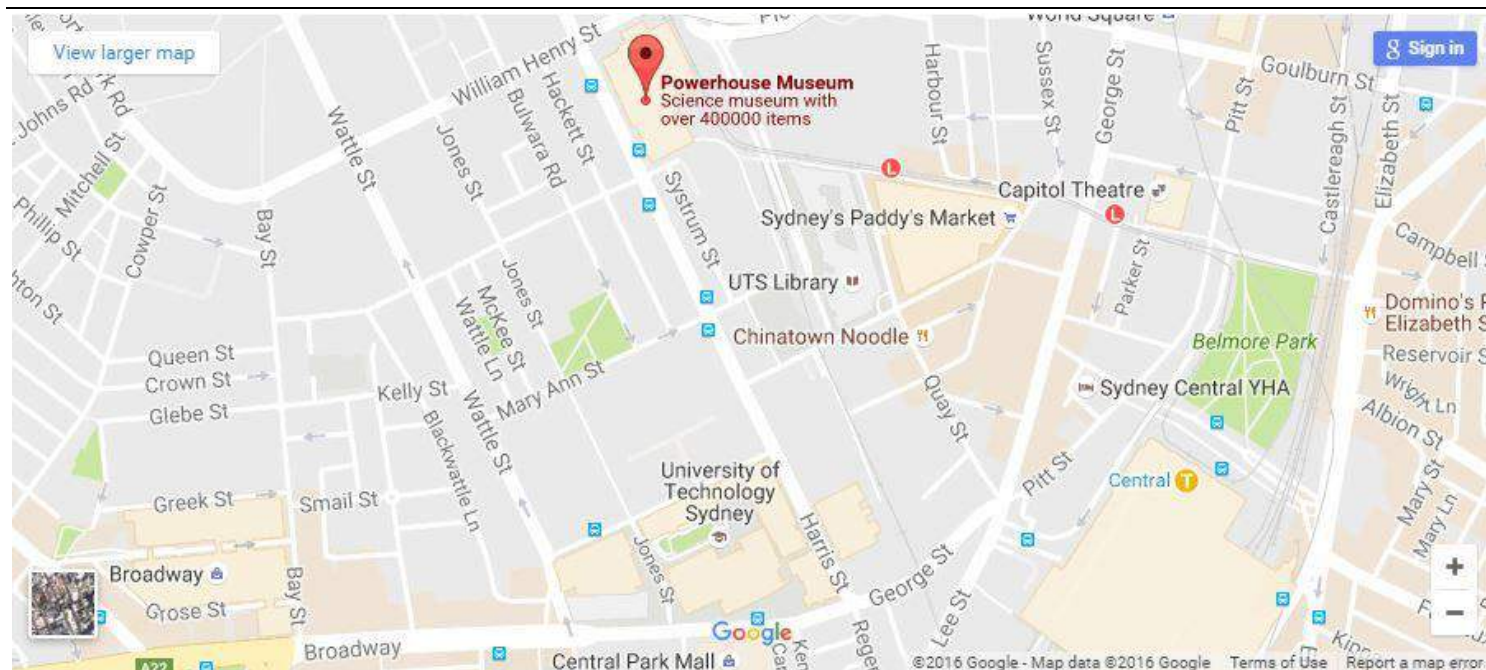


**Please allow time for travel using public transport, traffic delays, parking, and walking to the venue for an 18:00 hours start.** To register and make payment please click on/copy and paste into your URL this link: <http://raesks18.eventbrite.com.au> Your registration will be confirmed by email with 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 60<sup>th</sup> Sir Charles Kingsford Smith Memorial Lecture**

#### **Powerhouse Museum details and map**

The Powerhouse Museum is 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, light rail, 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.

Paid parking is available at the following providers:

[Wilson Parking \(adjacent to Novotel Sydney Central\)](#), 179 Thomas Street, Haymarket – after 16:00 hours cost is \$10.

[Darling Square Car park](#), Zollner Circuit, Haymarket. Phone 1800 PARKING (1800 727 5464) - after 16:00 hours cost is \$8.

### **Report on 'Why Space? Why Now? The Transformation of Space in the 21<sup>st</sup> Century'**



The 19<sup>th</sup> September's lecture presented by William E. Barratt Senior Vice President APAC (Asia Pacific Aerospace Consultants Pty. Ltd) was an outstanding and very comprehensive analysis of the space industry and the advances that have been made. It has also coincided with Australia's entry into the burgeoning space industry with the governments new space initiative.

William provided an interesting aspect on how the international space industry has been performing and its reliance on the deep space capabilities of Australia over a number of decades. The in-depth details that he presented on how Australia will benefit from participation and also the contribution that involvement in the space industry will provide the Australian economy was a key consideration in the government's initiative. The research into power plants including hypersonic propulsion to the discussion on space debris and junk including proposals to manage this serious issue. The students and audience interest and participation was obvious from the attention to the presentation over the full one hour and twenty minute period.

This lecture was the first to be organized and run by the students with very able organizational capability of Henry and members of the student committee, including the venue at International House, Sydney University, which proved to be excellent - the refreshments including Pizzas were enjoyed by the attendees. I would like to extend by congratulations to Henry and the student committee members for organizing and hosting a very interesting evening.

Reporter - Peter Marosszeky

**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.

### **Lockheed Martin Mentoring Program –Sponsoring seats at the Women in Aviation/Aerospace Australia Melbourne Summit 17<sup>th</sup> 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](http://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](mailto: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](mailto:bookings@tumbacreek.com.au)



Self-contained cottages

[www.tumbacottages.com](http://www.tumbacottages.com)

The Southern Cloud. Photo: bonzle.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](mailto: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. This will then be accompanied by two days on site with BASAIR 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](mailto: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, 26<sup>th</sup> February, 2019 and the Award will be presented in Melbourne at the 18<sup>th</sup> 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 nomination form can be accessed by clicking on/copy/paste into your web browser: [www.raes.org.au/awards/2019-lawrence-hargrave-award-nomination](http://www.raes.org.au/awards/2019-lawrence-hargrave-award-nomination) A 'paper' version of the form is below.

The **closing date for receipt of such nominations is Friday 23<sup>rd</sup> November 2018** which should be e-mailed to: [barrycupitt@bigpond.com](mailto:barrycupitt@bigpond.com) , or can be mailed to: Mr Barry Cupitt, 3 Tirrabeena Place, Bangor NSW 2234 – using Australia Post.

**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):**



**Complimentary Student Tickets for the 2019 Avalon Airshow  
"Aerospace Student Professional" – Self-Education Opportunity**

**Registration for the 2019 Avalon Airshow –  
Aerospace Student Professional (ASP) Program is now OPEN!**

The Royal Aeronautical Society in association with the 2019 Avalon Airshow organisers is continuing to provide complimentary entry to the 2019 Avalon Airshow to benefit, in particular, senior students to engage with Aerospace Industry Professionals. A special invitation is extended to "Aerospace Student Professionals" to attend the 2019 Avalon Airshow, as Accredited Trade Visitors, for one-day only and at no cost, on either the **Trade Day of Tuesday 26, Wednesday 27, or Thursday 28, February 2019.**

An "Aerospace Student Professional" is defined as any Undergraduate and Postgraduate University, or TAFE student undertaking tertiary courses throughout Australia in aerospace engineering, aviation sciences or technology or Management, who shows a keen interest in pursuing a career in the Aerospace, Aviation or related high technology Defence industries. Undergraduates who take up this invitation will be formally accredited as an "Aerospace Student Professional". This will include the issue of a distinctive badge to assist Exhibitors to identify them from other Trade Visitors.



The process to seek accreditation as an "Aerospace Student Professional"

for a nominated Trade Day have been developed by Aerospace Australia Limited and the Royal Aeronautical Society (RAeS), with assistance from Engineers Australia. Full details of this application and accreditation process **will be** available from the Royal Aeronautical Society - Australian Division website **shortly.**

Subject to all accreditation requirements being met, this admission will provide "aerospace student professionals" with a unique self-education opportunity. This also includes access to pre-reading material (via selected website links). Additionally, accredited "aerospace student professionals" will be able to attend, at no charge, some of the conferences, symposiums and forums being conducted at Avalon on the nominated Trade Day subject to availability space as determined by the conference manager. Please note that the closing date for Registrations is Wednesday 20<sup>th</sup> February, 2019.

---

**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](http://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.

---

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



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

---

**Aerospace Websites:** [www.57rescuecanada.com](http://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](http://www.adastron.com/707/updates/updates.htm) : Diary of Boeing 707-138B XBA formally Qantas EBA.  
[www.airshow.com.au](http://www.airshow.com.au) [www.atsb.gov.au](http://www.atsb.gov.au) [www.aviationmuseum.com.au](http://www.aviationmuseum.com.au) - Temora Aviation Museum;  
<http://boxkite2014.org/book/book.htm> - The Boxkite project.

[https://en.wikipedia.org/wiki/Rolls-Royce\\_Trent](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](http://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](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.

**Diary: 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](http://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](http://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 4 for details.

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

**Dec 5:** 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.

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

## Proudly Supported by Corporate Partners of the Australian Division



Australian Government  
Civil Aviation Safety Authority



**2018 ANNUAL BRANCH DINNER SUBSCRIPTION FORM**

**MEMBERS: \$125 single, \$240 double, \$50 students**

**NON-MEMBERS: \$155 single, \$300 double, \$50 students**

**TABLES of 8 (including Corporate):\$1250**

for the 2018 Annual Branch Dinner (welcoming drinks, canapés, 3 course dinner with drinks included), to be held Wednesday 7<sup>th</sup> November, 2018 following the 60<sup>th</sup> Sir Charles Kingsford Smith Lecture to be delivered by:

**Vince Di Pietro OA 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**

Time: **18:00 hours sharp**

To register and make payment 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 on the evening.**

Anyone who does not have access to the internet, or prefers to pay manually by cheque/credit card can complete the form below and return to: The Dinner Secretary, Mr. Jeff Lock, 4 Hillcrest Place, North Manly, NSW, 2100. Please make cheque payable to 'RAeS Aust Div, Sydney Branch Inc'.

Credit Card payments details.

Name: \_\_\_\_\_ Phone: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Address: \_\_\_\_\_ Postcode: \_\_\_\_\_

Name Tag Details Name: \_\_\_\_\_ Name: \_\_\_\_\_

Credit Card Details: Visa MasterCard AMEX

Card Number: | | | | | | | | | | | | | | | | | | | | | Card Expiry Date: | | | |

Name on card: \_\_\_\_\_ Amount you wish to pay: \_\_\_\_\_

Signature: \_\_\_\_\_

If you wish to sit with a group please note the names: \_\_\_\_\_

Please advise special dietary requirements here: \_\_\_\_\_

Dinner Dress: Black tie or lounge suit

**RSVPs close Friday 2<sup>nd</sup> November, 2018 - Thank You.**

**This Prestigious Lecture and Dinner is sponsored by**

