



**ROYAL
AERONAUTICAL
SOCIETY**
AUSTRALIAN DIVISION
SYDNEY BRANCH

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NEWSLETTER

Webinar

Title: **'Past, Present, Future -
100th Anniversary
of Sydney Airport'** 

Speaker: **Geoff Culbert**
BEC, LLB (Hons)
**Chief Executive Officer
Sydney Airport**

Date: **Thursday
5th November, 2020**

Time: **17:30 hours (sharp)**

Webinar registration is required in advance by clicking
on the link: <https://raesnov20.eventbrite.com.au>

(Please note that Sydney Branch members will be given first access to register by Friday 30th October, before registration opens Australia wide.) After registering, you will receive a confirmation email containing information about joining the webinar. Additionally, 10 minutes before the commencement of the Webinar a reminder will be automatically sent to all who had registered.
Attendance will attract 1 CPD hour

Profile: Geoff Culbert joined Sydney Airport as Chief Executive Officer in 2018, Geoff is passionate about the integral role the airport plays in the economic, productivity and tourism growth for Sydney, and more broadly across Australia. Geoff is focused on driving responsible and sustainable growth for the airport and enhancing the customer experience for the 44 million passengers who pass through Australia's busiest airport each year. Geoff currently serves on both the World Governing Board and Asia-Pacific Board of the Airports Council International (ACI), the global industry association representing airports around the world. Geoff brings extensive commercial and operational experience to the airport from a number of senior global and domestic roles at General Electric (GE), including most recently as the President and Chief



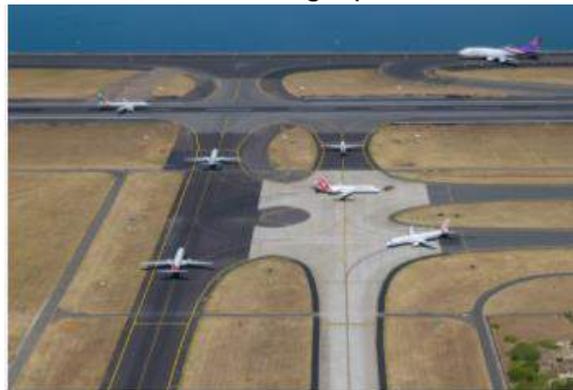
Executive of GE Australia and New Zealand & Papua New Guinea. Celebrating the airport's Centenary in 2019, Geoff is focused on delivering on the airport's purpose to make Sydney proud every day.

Synopsis: From Nigel Love's solitary flight in 1919 carrying Billy Marshall, Mascot Airport has grown to accommodate more than 44 million passengers annually, with an on-airport community of more than 32,000. Sydney Airport's runways have welcomed the 'Southern Cross' in 1928 to a crowd of 300,000 people, Australia's first jetliner in 1955, the supersonic Concorde in 1972 and the world's first commercial A380 passenger flight in 2007.

From greeting The Beatles with thousands of screaming fans huddled in the pouring rain, to a short serenade from Louis Armstrong upon his arrival, the airport has



Nigel Love (above, right) built the first hangars at Mascot (top) before taking freelance photographer Billy Marshall (above, left) up in his Avro 504K on November 19, 1919.



connected Sydney to the world throughout its 100-year history – and in 2019 it welcomed its billionth passenger, ten-year-old Katinka from the Blue Mountains, touching down with her Mum and five-year-old brother shortly after 10am 5th September on Singapore Airlines flight SQ231. The next 100 years at Sydney's Airport will be a story of ultra-long-range travel by supersonic, hypersonic and yet-to-be-conceived aircraft to continue the tourism, trade and economic growth of the best city in the world. *(To find out about the incredible milestones in the airport's history, immerse yourself in SYDStories by visiting www.sydstories.com.au)*

Agenda: 17:30 Welcome by Mr David Cox FRAeS, Chair of the Sydney Branch

17:35 Presentation by Geoff Culbert

18:25 Q&A

18:30 Vote of Thanks

18:35 End

Queensland to Assemble Boeing's First Australian-designed, developed Unmanned Aircraft:

Queensland is poised to take another bold step in aerospace and advanced manufacturing with an historic opportunity to be the final production home for unmanned defence aircraft – the first military aircraft to be designed, engineered and **manufactured** in Australia in more than 50 years. Premier Anastacia Palaszczuk said "...a visionary new partnership with Boeing Australia means more high-skilled jobs, local supply opportunities and defence industry stimulus as Queensland continues to recover and grow from the COVID downturn. The creation of additional new aerospace capability could see unmanned defence aircraft produced here by the middle of the decade, with prototype testing and certification taking place before that. Our investment in this advanced manufacturing project will provide critical skills for suppliers, academia, and Boeing, and culminate in Queensland becoming the primary final assembly facility for the Boeing Airpower Teaming System. The unmanned teaming aircraft is Boeing's first military aircraft to be designed and developed outside the U.S and uses artificial intelligence to extend the capabilities of manned and unmanned platforms." Boeing has 1,700 staff in Queensland and supports 400 Queensland-based suppliers. Boeing Australia, New Zealand and South Pacific President Brendan Nelson said "...the partnership with the Queensland government to develop an advanced manufacturing capability was a significant milestone for the company. It's one that will build cutting-edge skills to stimulate the innovation ecosystem in Queensland. This includes introducing technologies such as advanced robotics; investment in universities, small-to-medium enterprises and start-up companies; as well as creating global export opportunities for Australia's supply chain. This investment could unlock global defence and aerospace opportunities for Queensland to gain future work share in other Boeing programs."

(Note: On 14th October, 2020, Dr Shane Arnott, Program Director Boeing Airpower Teaming System, gave the Sydney Branch of the Society a presentation on the Airpower Teaming System. The presentation was recorded and can be viewed by following the instructions on Page 3 – Past Newsletters and Webinars.)

SCHIEBEL PACIFIC RAMPS UP FOR LAND129 AND SEA129:

Nowra, 15 October 2020 – Schiebel Pacific is scaling its business in preparation for Land129 and Sea129. The expansion comes after Schiebel Pacific and Raytheon Australia teamed up for the LAND129 Phase 3 Tactical Unmanned Air System (TUAS) project for the Australian Army. Additionally, Schiebel Pacific is ramping up in

preparation for the upcoming SEA129 Phase 5 for the Royal Australian Navy (RAN). Should the team be awarded with the Land129 Phase 3 TUAS contract, Schiebel's world-class CAMCOPTER® S-100 will be produced by Schiebel Pacific at the new Australian production facility, which is currently being established. Furthermore, **the company is currently hiring remote pilots and maintenance technicians** to better serve existing and future customers' needs. (For further information, Email: helen.nassey@schiebel.net)

One defined goal is to establish an in-country sovereign Australian training capability to deliver tailored training solutions for the Australian Defence Force's (ADF) requirements at land and sea. Schiebel is currently under contract with the RAN, which operates several systems at 822X Squadron, Nowra. Andrew Watson, General Manager at Schiebel Pacific said: "We are growing our footprint in Australia as we're confident that the demand for our CAMCOPTER® S-100 will continuously grow. Therefore, we are investing substantially in not only creating Australian jobs but also the transfer of knowledge and skills to Australia and the wider region. Just as important, we are increasing our network of local SMEs, to make sure we are aligned with the Australian government's policies on Australian industry content."

100 years - the Spirit of Australia: "The story of Qantas is the story of modern Australia – past, present and future. It's a remarkable and unlikely tale of how a humble air mail operation in outback Queensland became a national carrier flying over 50 million passengers a year. It's a story of service – through peace, war, natural disaster and national celebration. It's a story of innovation – from a 31-stop, 12 day flight to London, to operating the world's first non-stop flights between Australia and Europe. But most of all, it's a story shared by all



Australians. Thanks for joining us in Qantas' Centenary year as we celebrate that story and look towards creating new stories for future generations to tell." Alan Joyce, Chief Executive Officer and Managing Director, Qantas Airways Limited. Refer for further details: qantas.com/au/en/100-years-of-the-spirit-of-australia

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, Caps, Pins, Lapel Badges, Silver Kestrel Brooches, and Mugs.



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

Closed Member Only Group on Facebook: Sydney branch is live video streaming our monthly branch lectures. Watch lectures live or later, 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 and Webinars are now stored on our websites: 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 'Branches', then 'Sydney Branch', and scroll this page to the heading 'Sydney Branch Newsletters'. Newsletters are arranged by month within each year heading. **Past webinars are viewable on the RAeS AD website - www.raes.org.au complete 'member login', click on 'Resources' tab, and then 'Videos' - some 21+**

webinars are available for viewing by Members. Additionally, there are further videos under the tabs 'Young RAeS' and 'Cool Aeronautics' – for these two tabs, 'Member Login' is not required.

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; <https://www.abc.net.au/radio/programs/conversations/beverley-bass/11060672> : Podcast - This is your captain speaking. On the morning of the attack on New York's Twin Towers, Captain Beverley Bass was flying from Paris to Fort Worth, Texas.

www.adastron.com/707/updates/updates.htm : Diary of Boeing 707-138B XBA formally Qantas EBA.

<https://www.aerosociety.com/events/catch-up-on-events/video-audio-archive/> : Many podcasts and videos of previous presentations including Vulcan to the Skies (podcast and video), and The U-2 Reconnaissance Aircraft Incident of 1 May 1960 (podcast only).

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

www.airshow.com.au

www.atsb.gov.au

www.aviationmuseum.com.au - Temora Aviation Museum;

<http://boxkite2014.org/book/book.htm> - The Boxkite project.

www.ela.space - Equatorial Launch Australia - Australia's Spaceport at 12 Degrees – The Arnhem Space Centre site is in Australia's Northern Territory, outside of the East Arnhem township of Nhulunbuy, approximately 12 degrees south of the Equator on the land of the Yolngu people.

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

hars.org.au Historical Aircraft Restoration Society

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

<https://news.northropgrumman.com/news/features/apollo-13-failure-was-not-an-option> - Fifty years ago April 17, 1970, the Apollo 13 Command Module and crew safely returned home.

www.powerhousemuseum.com/whatson

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

https://www.youtube.com/watch?v=wZ4WmKy8zkY&feature=youtu.be&dm_i=4OGU,VYG8,2ZCD,RJ,3XM4J,1 Video - Talking with Paul Stein, Chief Technology Officer at Rolls-Royce

<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://www.spitfireassociation.com> THE SPITFIRE ASSOCIATION "Keeping the memory alive" Patron; Air Vice-Marshal Mark Skidmore AM (Ret'd), and President RAeS Australian Division.



DUE TO THE COVID-19 PANDEMIC ALL OF THESE DATES MAY CHANGE

TO KEEP INFORMED OF DATE CHANGES REFER TO THE APPROPRIATE WEBSITE

Diary: Wednesday, November: The 62nd Sir Charles Kingsford Smith Lecture will be presented by Mr Alan Joyce AC FRAeS, Chief Executive Officer and Managing Director, Qantas Airways Limited, via Webinar – date and details are being considered and will be advised shortly.



16 November: Qantas Airways will turn 100 and to celebrate Qantas Founders Museum has a number of activities planned for the day:

- The Museum will provide free entry to the Museum for all visitors;
- You can't celebrate a birthday without cake so visitors will get to enjoy a special morning tea with delicious birthday cake;



- The Curator will present a talk about the history of Qantas; and
- The Museum will provide two one hour guided tours of the National Heritage Listed Qantas Hangar where guests will learn about the early days of Qantas and the history of this significant building.

Those planning to visit the Museum must book online and will be refunded the Museum entry cost. To book go to: <https://qfom.com.au/plan-your-visit/>

Tuesday 3 December: **NOTE CHANGE OF DATE** The RAeS Australian Division is running a **MEMBERS ONLY** Webinar entitled:

A briefing from the new President of Boeing Australia, Dr Brendan Nelson

commencing 18:00 hours. Member registration is essential

Register for this event

For further information click on: www.raes.org.au/events/

28 Jan-4 Feb, 2021: 43rd Scientific Assembly of the Committee on Space Research (COSPAR) and Associated Events - COSPAR 2021 will be held in Sydney. Host Organization: Australian Academy of Science; Scientific Program Chair: Prof. Iver Cairns, University of Sydney, School of Physics. Abstract Deadline – closed. Abstract acceptances and program notification letters were sent out 31st March, 2020. The theme of the COSPAR 2021 Assembly is *Connecting Space Research for Global Impact*. More information can be found at www.cospar2020.org



March 31, 2021: Marks the Royal Australian Air Force 100 years as an independent service. For further details refer: airforce.gov.au/our-mission/air-force-2021

15-17 June, 2021: **ROTORTECH 2020 has been deferred to this date.** It will be held at the same venue - Royal International Convention Centre, Brisbane. Registration process is being updated and is currently not available. Refer further details: <https://www.rotortech.com.au/visit/registration.asp>



June 24, 2021: Aviation Safety Australia 2020 has been deferred 1 year to 24th June 2021 – due to COVID-19 pandemic. A new program will be issued at the start of the new year and Invitations will be reissued in early 2021. Registrations remain open at 2020 prices, which will not be adjusted until January 2021. For further details and to register at 2020 prices refer: <https://www.raes.org.au/eventdetails/5392/aviation-safety-forum-2021>

Postponed – New dates to be confirm in 2021: **Dr Behrooz Barzegar**, recently retired from Airbus. He will discuss his Integration and Architectural roles in Airbus entitled ‘**Aerodynamic Design of Commercial Aircraft - Airbus A380 and the future**’ including the Beluga XL.

13-14 November, 2021: **Wings over Illawarra** – The Sydney Airshow - Immerse yourself in history as you wander through rare displays of vintage and classic aircraft including the fully-restored Super Constellation and record breaking Qantas 747 along with some beautifully restored WW2 fighters. In 2020 your entry ticket will once again include access to the Historical Aircraft Restoration Society aircraft that are open for inspection. To thank the supporters of the Wings Over Illawarra event this year, Wol are offering tickets for the 2020 event at half price - but be quick, they're only available for a limited time. For further information please refer: <https://www.wingsoverillawarra.com.au/>



November 23-28, 2021: **The Australian International Airshow and Aerospace & Defence Exposition (AVALON 2021)** - As the centrepiece of the Royal Australian Air Force’s Centenary celebrations, AVALON 2021 is Australia’s own signature international aviation, aerospace and defence event and will have great national and international significance. Organised by AMDA Foundation Limited, it is a premium international platform for engagement between industry, defence, government and academia. Deferring AVALON 2021 to November will ensure the event serves its purpose as a powerful promotional and industry engagement forum on the way to business recovery and as a spectacular celebration of 100 years of the Royal Australian Air Force.



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