



**ROYAL
AERONAUTICAL
SOCIETY**
AUSTRALIAN DIVISION
SYDNEY BRANCH

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NEWSLETTER

The 62nd Sir Charles Kingsford Smith Memorial Lecture (Which will be a Webinar event – refer to registration details below)



When: **Thursday**
26th November, 2020

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

Speaker: **Alan Joyce AC FRAeS**
Chief Executive Officer
& Managing Director
Qantas Group



Title: **‘Runway to recovery: flying into a post-COVID recovery’**

Webinar registration is required in advance by clicking on the link: <https://raesks20.eventbrite.com.au> (Please note that Sydney Branch members will be given first access to register by Friday 20th November, 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: Alan has been Chief Executive Officer of the Qantas Group since 2008. During this time, he's overseen the biggest transformation of Qantas since it was privatised in 1995 and has turned Australia's national carrier into one of the best performing airline groups in the world.

Key milestones during Alan's tenure include the expansion of the Qantas Group in Asia, diversification of Qantas Loyalty into insurance and financial services, and significant investment in the passenger experience – from new lounges through to new aircraft and new routes like the direct Perth-London service.

Since the start of the year, he and his management team have been facing into the huge challenges posed by COVID-19 - the biggest crisis that global aviation has ever faced.



As a senior business figure in Australia, Alan is also well known for championing inclusion and diversity, particularly his support of the recent Marriage Equality debate.

Synopsis: This year, Qantas has faced the toughest challenge since it was founded a century ago. As the pandemic spread around the world, Australia shut its international and domestic borders, decimating air travel. Within weeks Qantas had stopped 95 per cent of its flying, grounded more than 200 aircraft and stood down more than 20,000 employees. As the Flying Kangaroo prepares to mark its 100th birthday, there are green shoots appearing. Hear from Chief Executive Officer Alan Joyce AC FRAeS on how the Qantas Group responded to its greatest crisis, and how the airline is preparing for a post-COVID recovery.



Agenda: 18:00 Welcome by Mr David Cox FRAeS, Chair of the Sydney Branch, and Moderator for the evening.

18:05 Scene Setting Introduction by Alan Joyce AC FRAeS

18:15 Interview style session with formal questions from the moderator interfaced with moderated questions from the virtual attendees

19:00 Vote of Thanks by Mr John Vincent FRAeS

19:05 End



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 mainland and the first to complete a Trans-Pacific flight from the United States to Australia amongst his many achievements.



Boeing – Your Future is Built Here: Ready to build the future of satellite technology? Boeing are seeking experienced Systems, Software, Electrical, Flight and Mechanical/Structural Engineers with a minimum of an active Single Scope Background Investigation (SSBI) security clearance which is required for positions involving access to particularly sensitive information to join their team in El Segundo and Seal Beach, CA. For further information refer: <https://boeing.avature.net/ELSEngIntv>

World Space Week Highlights Satellites: World Space Week held 4-10 October 2020 around the world, is an international celebration of science and technology, and their contribution to the betterment of the human condition. The United Nations General Assembly declared in 1999 that World Space Week will be held each year from October 4-10. These dates commemorate two events:

- October 4, 1957: Launch of the first human-made Earth satellite, Sputnik 1, thus opening the way for space exploration
- October 10, 1967: The signing of the Treaty on Principles Governing the Activities of States in the Exploration and Peaceful Uses of Outer Space, including the Moon and Other Celestial Bodies.

In 2019 Space Week featured 8057 events in 96 countries, including the Australian Space Science and Industry Conference in Adelaide. The theme for Space Week 2020 '**Satellites Improve Life**', encourages students and the public to learn about satellites and the many ways they improve life on Earth. For further information refer: <https://www.worldspaceweek.org/world-space-week-highlights/>

Boeing's Loyal Wingman Completes Low-Speed Taxi Tests: Loyal Wingman has completed low-speed taxi testing! This is the latest step toward first flight later this year for the unmanned aircraft. This aircraft is the first of three Loyal Wingman aircraft our Boeing Australian teams are building with the Royal Australian Air Force. Designed to extend and protect existing aircraft, these prototypes are the foundation for future unmanned teaming aircraft to be developed for global air forces through the Boeing Airpower Teaming System program. The aircraft will continue ground testing and preparations for first flight by end of this year. [View the aircraft on the move](#)



Northrop Grumman initiates build for first Australian Triton: Northrop Grumman has initiated the build process for Australia's first MQ-4C Triton, an unmanned maritime intelligence, surveillance and reconnaissance (ISR) aircraft. In a ceremony broadcast to a virtual audience, speakers from the Australian Government, Royal Australian Air Force (RAAF), U.S. Congress, U.S. Navy and Northrop Grumman emphasized the significance of this event. "The MQ-4C Triton will be a very important ISR capability for Australia," said Air Commodore Terry van

Haren, the RAAF's air attaché to the Australian embassy. "It is ideally suited for Australian operating conditions, given its high altitude, long endurance, and impressive sensor suite. The Royal Australian Air Force looks forward to operating the MQ-4C alongside its other ISR and response aircraft such as the P8A Poseidon."

"As a strategic partner in the cooperative development program, Australia is a critical part of Triton's development and production," said Doug Shaffer, vice president, Triton programs, Northrop Grumman. "This game-changing system will boost Australia's ISR capability and enable them to meet their surveillance needs to manage the world's third largest exclusive economic zone."

The MQ-4C is a cooperative development program between the Royal Australian Air Force and the U.S. Navy, and provides a round-the-clock maritime wide-area ISR. Remotely flying out of RAAF Edinburgh, South Australia, and operating at altitudes exceeding 50,000 feet, the Tritons are capable of monitoring 5.2 million square kilometres in a 24-hour mission and seamlessly flying a round trip for sustained surveillance and in support of allied freedom of navigation operations in the South China Sea from the Northern Territory – increasing Australia's interoperability with key allies, particularly the US. Australia is currently scheduled to receive their first ground control station in 2022 and their first of six to seven Triton air vehicles in 2023.

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: **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/>

3 December: PLEASE NOTE NEW 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



Feb-Mar, 2021: Due to the COVID19 requirements the **62nd Sir Charles Kingsford Smith Annual Dinner** was postponed until first quarter 2021. During this dinner the Sir Charles Kingsford Smith Memorial Medal will be formally presented to Mr Alan Joyce AC FRAeS for delivering the 62nd Sir Charles Kingsford Smith Memorial Lecture on 26th November 2020. Details for this prestigious event will be provided early 2021.

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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