



**ROYAL  
AERONAUTICAL  
SOCIETY**  
AUSTRALIAN DIVISION  
SYDNEY BRANCH

**AUGUST 2020**

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

**NEWSLETTER**

**Webinar**

Title: **"In conversation with the CAF:  
The RAAF at 100....  
what's next for our Air Force?"**

Speaker: **Air Marshal Mel Hupfeld AO, DSC  
Chief of Air Force  
Royal Australian Air Force**

Date: **Thursday 6<sup>th</sup> August 2020**

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

**Webinar registration required in advance  
(Please note that this is a Members ONLY event of the Society  
and is limited to 100 registrations)**

**To register please click on the following link:**

<https://www.raes.org.au/events.registration/step1/eventid/6630>

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. **Webinar attendance will attract a minimum of 1 CPD hour**



**Profile:** Air Marshal Mel Hupfeld was born in Sydney in 1962. He joined the Royal Australian Air Force (RAAF) as an RAAF Academy Cadet in January 1980, winning the Flying Prize for his year and graduating with a Bachelor of Science degree in 1983. Air Marshal Hupfeld's early career was spent in a variety of flying positions on Mirage and F/A-18 aircraft, primarily with No 3 Squadron (3SQN) and No 2 Operational Conversion Unit (2OCU), before qualifying as a Fighter Combat Instructor in 1989. Following a period of service as B Flight Commander, 3SQN, Air Marshal Hupfeld was appointed as the Executive Officer of 2OCU in 1995.

In 1997 Air Marshal Hupfeld was selected to attend the Royal Air Force Advanced Staff Course, graduating with a Master of Arts in Defence Studies from King's College in London, before taking up post as a Deputy Director in the Aerospace Development Branch. In 2001 Air Marshal Hupfeld took command of No 75 Squadron (75SQN) and led the Squadron in operations in Middle East on Operations BASTILLE and FALCONER. In 2003 Air Marshal Hupfeld was awarded a Distinguished Service Cross in recognition of his performance as Commanding Officer 75SQN on Operation FALCONER, and his Squadron was awarded a Meritorious Unit Citation.

On promotion to Group Captain in January 2004 he was appointed Director Aerospace Combat Development in the Australian Defence Headquarters, before accepting appointment as Officer Commanding No 81 Wing in January 2006. Promoted to Air Commodore on November 2007, he became the Director of the Combined Air Operations Centre in the Middle East Area of Operations, before returning to Australia as the Director-General Air / Director General Air Command Operations in March 2008. In December 2009, he took command of Air Combat Group where he oversaw all of the RAAF's fast-jet combat aircraft to deliver Australia's capability to control the air and conduct precision strike.

Air Marshal Hupfeld was promoted and appointed as the Air Commander Australia on 3 February 2012. In this position he provided specialist air advice on raise, train and sustain issues to the joint

environment. In September 2014 he was appointed Head Capability Systems Division in the Capability Development Group. In 2015 Air Marshal Hupfeld received an appointment as Officer of the Order of Australia (AO) for distinguished service to the Australian Defence Force in senior command and staff appointments. In August 2015 he was appointed to the role of Acting Chief Capability Development Group. On the disbandment of Capability Development Group, Air Marshal Hupfeld took up the newly created position of Head Force Design in Vice Chief of Defence Force Group on 1 April 2016. On promotion, Air Marshal Hupfeld was appointed as Chief Joint Operations in May 2018 and subsequently Chief of Air Force in July 2019.

Air Marshal Hupfeld is married to Louise, and his interests include mountain biking, running, fishing, light aircraft, and sailing.

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**Synopsis: Meet the Chief of Air Force** - This RAeS Australian Division members-only event offers exclusive access to Australia's Chief of Air Force, Air Marshal Mel Hupfeld, in a briefing on where the RAAF is at in terms of air power and where it plans to be next. The briefing, which will be hosted by RAeS Australian Division President AVM (Ret) Mark Skidmore, will be followed by a Q&A session.

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### **Sydney Fellows and New Members Evening held 11<sup>th</sup> March, 2020 at the Kirribilli Club**

The Sydney Branch Chairman, Mr David Cox FRAeS opened the evening by giving an Acknowledgement to Country on whose grounds we are meeting on. He then welcomed the President of the Australian Division Mr Mark Skidmore FRAeS, and then explained why the Sydney Branch has been holding this event for a number of years (although this is the first time New Members were also invited to attend). In essence, it starts with the purpose of the Society. Later this evening we will be handing out certificates for our new Fellows and on those certificates is recorded the purpose of the Society:

“.....The general advancement of aeronautical art, science and engineering and more particularly for promoting that species of knowledge which distinguishes the profession of Aeronautics”.

But how do we do that? The simplest answer is people - Networks of People. Students of economic history will know that the diffusion of technology and the development of new ideas is built on networks of people. Those of you familiar with the history of the Industrial Revolution will know of the impact of the Lunar Society. This brought together people like Watt and Wedgwood. They gathered to share knowledge and resources and develop new ideas. The Royal Society upon which our Society is modelled fulfilled a similar function. So the first purpose for tonight is to create an opportunity for us to build a network, to share ideas and knowledge. Given the size of the Australian Aerospace Industry and the maturity of some of the technologies on which the people in this room have worked you may ask is this worth the effort?

We stand on the edge of what will undoubtedly be recorded as one of the major revolutions in aerospace. This is the revolution of electric power, autonomous vehicles, air taxis, space, and hyper-efficiency. Be sure that Sydney has a role to play in this. There is a huge amount of autonomous vehicle research going on in this city.

The second question you might ask is why you? The answer is again simple. You are Fellows of the Society. This marks you as special. Being a Fellow is an Honour that says to everyone around you that this is someone who has particular knowledge and experience of value to the profession. So of course one of the most valuable networks we could build is around our Fellows. Another attribute I know you possess is passion. You can only get to where you are through long hard work that requires passion and love for what you do to succeed. This makes you doubly valuable.

On one level, knowledge and passion provides the framework for a network to pursue the development of aviation and aerospace in this city. At another level that passion and experience is critical to inspire the next generation. So another reason for building a network of Fellows is to provide a resource which we can call upon for student networking events and other activities that will bring the next generation of pilots, engineers and technicians into our industry. Throughout the year we hold regular events with students. I'm hoping in the future that we can reach out to each of you to participate. The students' needs are very simple. They just want to hear from someone in the industry, share your experience and be inspired. Every one of you has done things that these young people only dream about.

One final duty for us all is to continue to build our network of Fellows by identifying individuals with the right experience and skills. As we do that we need to pay particular attention to building the diversity and equity of our group. I would really encourage you to think about people in our industry who should be in this room - people from all backgrounds and all sectors of the industry. Your committee would be only too happy to receive those recommendations and act upon them. So thank you for coming. I look forward to building a network of Fellows in this city to achieve the purpose of the Society and to inspire a next generation.

Below are the presentations of the Fellowship Certificates made to:

**Fiona Balfour FRAeS**, Airservices Board Member;  
**Bill Hamilton FRAeS**, Retired Qantas Captain;  
**Keren Rambow FRAeS**, CEO GE Aviation Aust;  
**Allison Spicer FRAeS**, Qantas Aero Engineer and now Head of 717 Operations; and  
**Chun-Hui Wang FRAeS**, Head of School of Mechanical and Manufacturing Engineering, UNSW, Sydney

by the President of the Society, Mr Mark Skidmore as well as a group photo of all who attended the evening.



Jane McMaster MRAeS, Founder and Director of the Canberra based company, Ponder Enterprises, where she uses her engineering skillset to address complex societal challenges including encouraging the government, private, and education sectors to do more women who want to pursue science, technology, engineering, and mathematics (STEM). Jane was a new member during 2019 and the

only 'non-Fellow new member' and was welcomed into the Society by the Australia Division President.

**Breaking News:** Engineers Australia has announced the appointment of Jane MacMaster MRAeS to the newly-created role of Chief Engineer. CEO Dr Bronwyn Evans said the Chief Engineer will lead Engineers Australia's engagement and policy discussion with industry, government, academia and other key stakeholders. "The Chief Engineer will play an important part in delivering the organisation's strategic vision and we are thrilled to have secured someone of Jane's calibre," said Dr Evans. "She will help ensure that Engineers Australia is well-positioned to provide leadership for the profession in Australia in the crucial areas of infrastructure, energy, technology and climate change." To read the full release please refer: [engineersaustralia.org.au/announces-jane-macmaster-chief-engineer](https://engineersaustralia.org.au/announces-jane-macmaster-chief-engineer)



**Report on the 2019 Annual General Meeting of the Sydney Branch:** The 2019 Sydney Branch AGM was held by webinar on the evening of 24<sup>th</sup> June, 2020. The President welcomed everyone to the webinar and proceeded with the Agenda.

The President's Report for 2019 had been previously circulated and was accepted. The Audited Financial Report for 2019 was 'tabled' by the Honourable Treasurer and was accepted. Should financial members require a copy of the audited accounts please email the Treasurer ([jeff.lock@bigpond.com.au](mailto:jeff.lock@bigpond.com.au)) who will provide a soft copy by return email. For financial members who



projected onto the 747 and 707. The Show covers the Central-West Queensland/Qantas story, beginning with the Dreamtime and progressing through the founding of Qantas to modern times (refer: [qfom-100-years-of-qantas-world-class-light-and-sound-experience-in-outback-queensland](#)).



CEO Tony Martin reported after running the inaugural two Shows on 1 July that the feedback had been overwhelming with the audience applauding during the show! On-line bookings are essential for all Museum visits, tours and the Show – refer: [qfom-book-online-to-visit-qantas-founders-museum](#) . With respect to the Qantas Centenary Celebratory Special Events – most will be held in 2021.

**UNMANNED AERIAL VEHICLES (UAVs) IN SURF LIFE SAVING:** Unmanned Aerial Vehicles (UAVs) are a new technology that provide greater coverage and surveillance of potential risks along our coastline. Surf Life Saving NSW (SLSNSW) currently provide two separate UAV programs across NSW. The first UAV program is funded through the \$16 million NSW Government Shark Management Strategy that has now been delivered for the past two seasons. This program along with providing greater patrol surveillance at the 18 identified locations also assists with shark species identification and research into the behaviour of marine life. The second UAV program is funded through the Westpac Life Saver Rescue Drone Program and is Australia's first comprehensive national approach to surf rescue using innovative UAV technology, giving surf lifesavers more eyes in the sky at patrolled beaches around the country.

**Becoming a UAV Pilot - Qualifications and Training:** Anyone who wishes to fly an UAV for SLSNSW will be required to do a two-day course. Content covered in this course includes a full day of practical flight training with an instructor and operationally specific information which includes identification of marine life and other hazards such as rip currents. If you have a current Remote Pilots Licence (RePL) or other aviation qualifications, then you may be granted recognition of prior learning (RPL) and only be required for the operationally specific aspect of the course. All SLSNSW UAV Pilots are required to have an Aviation Reference Number (ARN). If you do not currently have an ARN, please follow the process here: [Guide to ARN and Sub2kg Commercial Excluded Notification](#) . Please [click here](#) to find out about upcoming training and proficiencies for the 2019-20 season.

**How to Get Involved:** Surf Life Saving NSW is seeking expressions of interest from current SLSNSW members and members of the wider community to operate UAVs across 18 locations each weekend between September and April. If you are interested in becoming an UAV Pilot, please apply below. For more information, refer: [UAV Information Pack](#) , after which you can click below to complete an Expression of Interest.

***Although the current COVID-19 health emergency has put a hold on upcoming UAV Pilot courses, we are still accepting [expressions of interest](#). Once our courses are back up and running, a member of our UAV team will contact you to discuss your application further.***

[Click here to apply to become a volunteer UAV Operator](#)

**Mentoring Sydney Branch:** David Cox, Chairman, Sydney Branch has begun mentoring recently arrived engineers who have migrated to Australia with their families. The people in the programme have completed the studies they need to achieve accreditation in Australia. They are now on the job market and the mentoring is meant to assist them with understanding the Australian context and culture. The programme needs more mentors so he was wondering if any of you would be interested? The time commitment is about 1-2 hours every fortnight. David has more detailed information he can share with you if you are interested. David's contact details are: **Email:** [david.h.cox@hotmail.com](mailto:david.h.cox@hotmail.com) - **Phone:** 0404 767 841

**ON 22 JULY QANTAS WILL GIVE ITS FINAL 747 JUMBO JET A FAREWELL FIT FOR A QUEEN AND WILL SALUTE THE FIRST 747-400, VH-OJA:** Qantas 747 Fleet Captain Owen Weaver

FRAeS, said the 747 has a special place in the hearts of many Australians. “The 747 has been a magnificent aircraft and it’s fitting that we celebrate the end of five decades of history-making moments for the national carrier and aviation in Australia,” Captain Weaver said. “Since the first 747 joined the Qantas fleet in 1971, these aircraft have operated numerous rescue flights to bring Australians home during times of crisis and provided a safe passage for many travellers taking their first international flight to or from Australia.



The final 747-400 in the fleet will depart Sydney at approximately 2pm on 22 July 2020 as flight QF7474. The aircraft will taxi past the “Shep’s Mound” viewing area (near the Control Tower) and weather permitting, it will do a flyby of Sydney Harbour, CBD and

northern and eastern suburbs beaches.

After departing Sydney the pilots of the last remaining Qantas Boeing 747 will dip the wings over HARS Aviation Museum in a final farewell to the first Qantas 747-400 which is preserved for future generations as a popular attraction. The swoop over the first Qantas 747-400 on the ground will also be over eight other aircraft types that have been flown with Qantas and now are on permanent display at HARS Aviation Museum:

- Lockheed Super Constellation (currently the only one in the world still flying);
- DC-4 (in 1950s Qantas livery);
- DC-3 (still flying in airline TAA colours after making that airline’s first passenger flight in 1946);
- de Havilland Drover (as operated by TAA which later was absorbed into Qantas);
- Convair (resplendent in TAA livery);
- Fokker Friendship F27 (operated by many Australia airlines including TAA);
- Catalina (of the type which Qantas pilots flew legendary Double Sunrise missions across the Indian Ocean during World War 2);
- Lockheed Orion AP-3C (a military version of the turbo-prop Electra flown by Qantas).

Qantas gifted VH-OJA, the Boeing 747-400 “City of Canberra”, to HARS Aviation Museum because of its special place in Australian aviation history as the first of type to the airline and 12th off the Boeing production line - it flew more than four million passengers covering 85 million kilometres. In August 1989 it flew the first non-stop flight from London to Sydney, a Qantas delivery flight record distance of 18,001km in 20hr 9min 5sec. Then in March 2015 it set another record when it flew from Sydney to HARS Aviation Museum in 11min, touching down at 7.47 am as the shortest delivery flight of a Qantas 747.

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### **Boeing Australia celebrates major Classic Hornet sustainment milestone:**

Boeing Defence Australia team is today honouring the last deeper maintenance to be performed on the Royal Australian Air Force’s (RAAF) fleet of 71 F/A-18A/B Classic Hornets at RAAF Base Williamtown. The completion of the final service and commitment to keep the Hornet fleet flying has totalled 815,000 hours of work performing detailed inspections, overhauls and repairs. “Our deeper maintenance milestone is a testament to the integrated and trusted partnership between Boeing and the Commonwealth, as platform stewards, to provide vital sustainment support services to the RAAF Classic Hornet fleet,” said Daniel Reid, F/A-18 Classic Hornet Program Manager. “Completion of our 163rd deeper maintenance is a momentous achievement for the team.”

Boeing has partnered with the RAAF to ensure Australia’s Classic Hornet fleet has remained a relevant and formidable multi-role fighter through to the planned withdrawal date of December 2021. “Boeing’s deeper maintenance services have supported 150 jobs in the Hunter region, contributed \$200 million to the Australian economy and ensured operational and fleet-life success,” said Amy List, Boeing Defence Australia’s director of Sustainment Operations. “Our servicings have also generated an additional 140,000 flying hours for the Classic Hornet fleet.” The routine service has been performed on each F/A-18 Hornet each time they reach 440 flying hours, which is approximately every two years. It involves a meticulous check-up of all



major aircraft sub-systems such as the undercarriage, hydraulic actuators, major wiring looms, computer systems and flight control surfaces, such as the wings and rudders. "This significant milestone has been reached through the dedicated effort of Boeing technicians, engineers and support staff, said Officer Commanding Tactical Fighter Systems Program Office, Group Captain David Abraham. "That effort has been underpinned by exceptionally strong and trusted relationships that Boeing has built over many years with Defence and across the defence industry support base. Those efforts and relationships have ensured the continued availability of Classic Hornet aircraft as an important element of Australia's air combat capability."

The Australian Defence Force operates the F/A-18A/B Hornets out of RAAF Base Williamtown and RAAF Base Tindal, which are sustained under the Classic Hornet Sustainment Services contract. The contract sees Boeing provide ongoing logistics, maintenance, engineering, and operational and capability upgrade management services.

"As the country's most experienced sustainment provider, we are continuing to build Australia's sovereign defence capability to deliver the best outcomes for defence," said Reid. "Our professional and highly experienced workforce continued to complete deeper maintenance for our customer while maintaining COVID-19 safe work practices through this period."

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**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](https://qantas.com/au/en/100-years-of-the-spirit-of-australia)

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**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.

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**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.

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**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 'Branches', 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](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; <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](http://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](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);

[hars.org.au](http://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](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.

<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:** 5-8 October (tentative): AUVSI XPONENTIAL 2020 – Find Your Edge – being held at the Kay Bailey Hutchison Convention Center, Dallas, Texas. XPONENTIAL 2020 is the global stage for everything unmanned - from state-of-the-art propulsion technology, sensors, energy storage and UAS mitigation solutions to what's coming over the horizon in AI, 5G, edge computing and more. As the largest, most significant event for the unmanned systems industry, you'll find your edge as you explore the latest technology innovations, develop new perspectives as you hear from industry luminaries, and cultivate creativity at special networking events where you will meet some of the most influential leaders in the unmanned and autonomous space. Further details: [www.xponential.org/xponential2020](http://www.xponential.org/xponential2020)



**Wednesday, November:** 62<sup>nd</sup> Sir Charles Kingsford Smith Lecture to be delivered by Mr Alan Joyce AC FRAeS, Chief Executive Officer and Managing Director, Qantas Airways Limited, will be delivered via a Webinar – date and details are being considered and will be advised shortly.

**7-8 November: 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/>



**16- 22 November: Qantas Centenary Birthday Week** (still confirmed) – The Longreach Qantas



Founders Museum will host a week of activities to celebrate the Qantas centenary. For more information: [qfom.com.au/event/qantas-centenary-birthday-week/](http://qfom.com.au/event/qantas-centenary-birthday-week/) For personal contact: *Nicole Kuttner, Communications Manager, Qantas*



*Founders Museum & Qantas Foundation Memorial, P.O. Box 737, Longreach, Q. 4730 T: (07) 4658 3737 F: (07) 4658 0707 M: 0428583787*

**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 31<sup>st</sup> 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](http://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](http://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 24<sup>th</sup> 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.

**Postponed – New dates to be confirm in 2021: Celebration of the Qantas Centenary Fly**

**In** - The weekend is designed for general aviators and enthusiasts alike to fly to Longreach, celebrate the centenary of Qantas and explore the many wonders of our outback town. For personal contact: *Nicole Kuttner, Communications Manager, Qantas Founders Museum & Qantas Foundation*

*Memorial, P.O. Box 737, Longreach, Q. 4730 T: (07) 4658 3737 F: (07) 4658 0707 M: 0428583787*



**Postponed – New dates to be confirm in 2021:**– The Longreach Qantas Founders Museum

will host a 1920s themed evening gala to open this Longreach Qantas Hangar, where guests will enjoy delicious canapes and a unique dinner under the stars. During the evening, guests will be entertained by a 1920's swing band Serenity, local performances exceptional weekend to celebrate the centenary of Qantas Airways. The gala evening will be held in the 1922 National Heritage Listed and fireworks. The weekend is designed to celebrate the centenary of Qantas. For personal contact:

*Nicole Kuttner, Communications Manager, Qantas Founders Museum & Qantas Foundation Memorial, P.O. Box 737, Longreach, Q. 4730 T: (07) 4658 3737 F: (07) 4658 0707 M: 0428583787*



**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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