



September 2023

Welcome to our
Monthly
Newsletter

Civil Aviation Academy

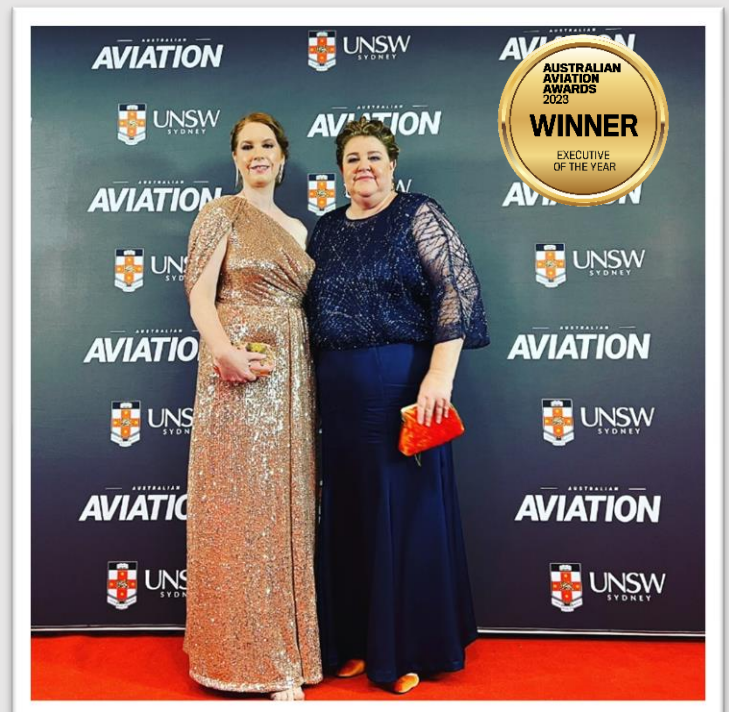
Australian Aviation Awards 2023

For the latest in aviation news
and civil aviation regulation
updates and changes.

The Civil Aviation Academy has over 20 years of experience in the aviation sphere. Our consultants are available to answer all your aviation regulation and manual update queries.

Our specialty courses include:

- *Dangerous Goods Awareness and Acceptance of Non-Dangerous Goods (initial issue and refresher) Courses*
- *Safe Transport of Infectious Substances By Air (Shippers Training) (initial issue and refresher) Courses*
- *Crew Resource Management (CRM), also known as Aviation Decision Making (ADM) Courses.*



A huge congratulations to our CEO, Sue-anne Munckton for winning Executive of the Year, presented by the University of New South Wales at this year's [Australian Aviation Awards](#).

The awards culminated in a gala black tie event at The Star in Sydney on the evening of Thursday, 31 August and a fabulous night was had by all! Congratulations to all the reward recipients, and thank you to the sponsors.

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Australian Aviation Awards 2023 Photo Gallery



The CAA proudly presented the Aerial Services Business of the Year Award to CHC Helicopter (Australia). Congratulations!
 Right: Pictured Maria Coutinho - Contract Operations Manager & Michael Perren - Base Manager Jandakot Base

Latest News

What's Happening in Aviation Tech?

Hydrogen Powered Aircraft?

Low-carbon aviation has been the goal of many recent aviation start-ups. With airlines and industry groups setting a goal to cut emissions to net zero by 2050, the race is on.

[ZeroAvia](#), a leader in developing hydrogen-electric systems for planes, tested a 19-seat hydrogen-powered aircraft earlier this year from the Cotswolds in the UK – a successful 10-minute flight.

The technology currently has its limitations and would require scaling up to power large aircraft. Materials scientists have investigated different liquid-state storage in cryogenic tanks instead of current gas-state storage methods. You can read more about this exciting technology [here](#).



COVID-19 Interventions Update

Interventions designed to prevent the spread of COVID-19 have been rolled back across the globe, with New Zealand removing any remaining public health measures late last month.

The situation in 2023 is vastly different to 2020 when the world was subjected to blanket lockdowns and extreme measures to prevent the spread of the virus. Now, it appears everyone has some form of immunity, whether that be from contracting the virus or immunisation through vaccination, which is very short-lived when dealing with current Omnicron variants.

Unfortunately, the virus is here to stay, and new variants will appear. The prevalence will rise and fall with school holidays, seasonal changes and new subvariants, just like many of the flu viruses we currently live with.

Using endemic modelling, scientists have found that targetted intervention of older vulnerable groups will bring down infection rates in those groups and will be more effective than a blanket approach.

To read more, check out this [interesting article](#).

Women's Balloon Championships 2023



The Fifth FIA Women's World Hot Air Ballooning Championships are being held in Northam from 2 – 9 September in Northam, Western Australia. This is the first time the Championships are being staged outside of the Northern Hemisphere.

30 amazing women pilots from 13 nations – from Brazil to New Zealand and Latvia are competing in the skies over Northam.

The balloon pilots will complete a set of scored tasks over the Avon Valley.



We wish them all the best!

CASA NEWS

CASA's Safety Promotion Sponsorship Program is now open all year round. You can now apply for the Safety Promotion sponsorship program at your convenience. Previously CASA only offered the program twice a year. So now you can plan further in advance, and you're not bound to a deadline.

Applications are then reviewed in November, February and May.

CASA is interested in supporting educational programs or campaigns that raise awareness about specific safety issues. Find out more [here](#)



For the latest in drone news:

Subscribe to the "Know Your Drone Newsletter [here](#).

Aviation Museum NSW

The Historical Aircraft Restoration Society (HARS) Aviation Museum in Albion Park, NSW has paid tribute to the 50th anniversary of the end of Australia's involvement in the Vietnam War.

HARS Aviation Museum will display a range of vintage aircraft from the 50s and 60s throughout September to commemorate the sacrifice of 60,000 Australian men and women who served in the Vietnam War, including 523 who lost their lives and more than 3,000 who were wounded.

The museum will feature a de Havilland DHC-4 Caribou, affectionately known as 'Wallaby Airlines', as well as a UH-1B Iroquois - RAN training flights for pilots and crew before their deployment with the US Army 135th Helicopter Assault Company.



The CAAA Course Update

Last month, we significantly updated our **Crew Resource Management (Human Factors and Non-Technical Skills) Course** which is now available via [our website](#)

Or you can contact Andy on (08) 61807939 or andy@caaa.com.au

The correspondence course is structured to meet the current CASA recommendations for human factor and non-technical skills training and includes many practical examples and explanations. You will receive:

- the full colour course workbook and set of review questions.
- facilitator assistance whilst completing the course.
- certificate of currency upon completion of the course plus a feedback sheet on the answers to the assessment.

\$140 (emailed) or \$170 (hard copy) incl postage & handling.

Regulation Updates



IATA Dangerous Goods Manual (DGRs)

Review the following guidance material [here](#) to help you develop your documents or place an order.

Infectious Substances Shipping Guidelines (ISSG)

We also provide the 'Infectious Substances Shipping Guideline (ISSG). This document does not replace the requirement for a shipper to have a copy of the full IATA Dangerous Goods Regulations. It is, however, a smaller and more practical resource for Shippers.

The ISSG is the complete, plain language guide to transporting any sort of infectious substance (including Biological Substances Cat B) quickly and safely.

The ISSG contains documentation and packaging examples, checklists for every step of the process, and shipping regulations for air, sea, road, rail, courier, and postal service.

If you are ordering the 'E' version of either document, this is only downloadable on one device and cannot be accessed through a company intranet. Please contact andy@caaa.com.au for more details.

This Month in Aviation History - September

- 1 September 1923 — The Royal Australian Air Force was formed.
- 3 September 1908 — Orville Wright made his first flight at Fort Meyer, Virginia, circling the field one-and-one-half times. During the next two weeks, he conducted a series of 14 long, high, and impressive flights, many of which set new records and were witnessed by government officials.
- 6 September 1900 — Wilbur Wright left Dayton for Kitty Hawk, arriving in Elizabeth City on September 11 by boat and arriving at Kitty Hawk on September 13.
- 7 September 1904 — The Wright Brothers first used their weight-and-derrick-assisted take-off device in order to make themselves independent of the wind and weather. When the heavyweight was released, the rope pulled the aircraft, which sat on a flatbed truck, over the launching track, assisting its take-off.
- 9 September 1911 — The first mail carried by air in the United Kingdom was delivered. The mail contained messages for King George V and other members of the British Royal family.
- 10-11 September 1928 — Kingsford-Smith and Ulm, trans-Pacific pilots, flew their Fokker monoplane “Southern Cross” from Sydney, Australia to Christchurch, New Zealand.
- 14 September 1944 — The first successful flight into the eye of a hurricane was made by a three-man American crew flying a Douglas A-20 “Havoc.” They demonstrated that valuable scientific information can be obtained in this manner, which is still done today.
- 15 September 1928— Four British Royal Air Force Supermarine “Napier” flying boats, twin Napier-Lion engines, reached Singapore after a 25,000-mile flight from England via Australia, which started on October 14, 1927.
- 20-28 September 1934— C.J. Melrose flew from Darwin, Australia, to Croydon, England, in 8 days and 9 hours, setting a new record. (DeHavilland “Puss Moth,” the Havilland “Gypsy Major “engine.)
- 25 September 1903 — The Wright brothers arrived at Kitty Hawk, North Carolina, to begin testing their first powered aircraft.

