



October 2023

## Welcome to our Monthly Newsletter

**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.***



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## Civil Aviation Academy

*We specialise in manual updates and compliance. If you are finding it hard to keep up to date - contact us today as this is what we do best!*

### What's Happening in Aviation Tech?

#### 100% Sustainable Aviation Fuel Success

VoltAero has successfully flown its hybrid-electric Cassio testbed using 100 per cent sustainable aviation fuel (SAF).

On September 8, the French company flew a modified Cessna 337 Skymaster powered with wine, no less! The biofuel Total Energies' Excellium Racing 100 is made from winemaking waste collected in French vineyards.

The flight lasted just over one hour. The company will not disclose the cost of manufacturing the fuel. The hybrid aircraft operates solely on battery power throughout all stages of flight, with a combustion engine to recharge batteries and assist when needed.



## SAN for Lifejacket Manufacturers

The Australian Transport Safety Bureau has issued a Safety Advisory Notice (SAN) to aircraft lifejacket manufacturers and national aviation certification authorities, encouraging them to provide guidance to aircraft operators about how to fit constant-wear life jackets so they don't interfere with seat belts.

This follows from the mid-air collision of two SeaWorld helicopters at the Gold Coast on 2 January this year. It was discovered that some passenger's seatbelts were not fitted correctly due to the interference from lifejackets. The investigation is ongoing. You can download a copy of the [SAN here](#).



## Vaccinations for Children

Australia's National Centre for Immunisation Research and Surveillance (NCIRS) has just developed a new resource for health professionals and families about the safety of administering multiple vaccinations for children at the same time.

According to the NCIRS, it is safe for children to have more than one vaccine at a time because children's immune systems are very strong, and more than one vaccine will not overwhelm their systems. *"Most side effects following vaccination are mild and resolve within a few days – and vaccinating on time gives children the best protection."*

[The resource](#) answers frequently asked questions and provides links to further information, including Australian vaccine safety data.

## The Pacific Airshow – Gold Coast QLD

According to the organisers, the inaugural Pacific Airshow on the Gold Coast was a resounding success. Held from the 18 – 20 August the event experienced an overwhelming turnout. It was estimated more than 200 000 watched the event.

The show was a huge boost to the local economy.

*"We always expected that the event was going to be really successful. Everybody that we spoke to, every stakeholder we discussed this with during the planning process, said that they thought that Surfers Paradise and the Gold Coast was the perfect location for this event. And, you know, turns out they were right,"* said Kevin Elliott, CEO of Code Four and Pacific Airshow Director.

There are already plans afoot for next year's Gold Coast show!



## Have you had a close call?

Have you had a close call? Flight Safety Australia want to hear your story - if you find it difficult to write down your experience you can now call, and they will write it up for you.

The story will be sent back to you for a final check. If your story is published, Flight Safety Australia will send you a \$250 gift voucher. If you choose to write your own Close Call (450 – 1400 words) you will receive \$500, if published.

FSA would like to hear from any sector of aviation and your story can remain anonymous. Get in touch or submit your close call by emailing [fsa@casa.gov.au](mailto:fsa@casa.gov.au) and your story could be published – you can read previous entries [here](#).



For the latest in drone news:

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

### Drone Tip:

Always check your location using a CASA-verified drone safety app before you take off.

Often, large open spaces may appear to be the perfect drone flying spot, but when you check the safety app, it may show you're within 5.5 kilometres of a controlled airport.

Here is a list of [Drone Safety Apps](#)



### Parachuting Updates - CASA

The new *Parachuting Manual of Standards* has been released and will take effect on 2 December 2023.

The documents are available to view [here](#).

### Share the Air Webinar.

The AvSafety Expert Webinar, which addresses sharing the air with others, is now available via [CASA's YouTube channel](#)

As part of the pilot safety campaign, the webinar clarifies some confusion between visual flight rules (VFR) and instrument flight rules (IFR) pilots.



### 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](mailto:andy@caaa.com.au) for more details.

Keep an eye on our Facebook page and website for future changes and their impact on your operations.

Follow us at <https://www.facebook.com/caaa.com.au> or <https://www.caaa.com.au/news/>

### Our Courses

Our updated **Crew Resource Management (Human Factors and Non-Technical Skills) Course** is now available on [our website](#)

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

## This Month in Aviation History - October

4 October 1909 (USA) — More than a million New Yorkers watched as Wilbur Wright made a flight along the Hudson River.

4 October 1958 (England) — Britain's national overseas airline BOAC became the first carrier to fly the Atlantic route by jet airliner.

6 October 1922 (USA) — Lieutenants John Macready and O.G. Kelly set a new world flight endurance record, staying aloft in their Fokker T-2 monoplane for a total of 35 hours, 18 minutes, and 30 seconds.

8 October 1883 (France) — French brothers Albert and Gaston Tissandier made the first flight with an airship powered by electricity.

9 October 1890 (France) — Frenchman Clement Ader's steam-powered, propeller-driven aircraft was the first full-sized manned aeroplane to leave the ground under its own power.

10 October 1957 (USA) — President Eisenhower announced that the United States would attempt to launch a four-pound "test" satellite in December.

12 October 1976 (USA) — The NASA/United States Army rotor systems research aircraft produced by Sikorsky as the S-72 made its first flight.



13 October 1931 (USA) — Canadian pilot Godfrey Dean performed the first loop in an autogiro at Willow Field, near Philadelphia.

14 October 1947 (USA) — Capt. Charles "Chuck" Yeager became the first person to fly faster than sound. Yeager "breaks the sound barrier" in his Bell X-1 aeroplane, "Glamorous Glennis," named after his wife. He was able to reach 670 mph or Mach 1.015 at Muroc Dry Lake, California.

16 October 1910 (France/England) — The first airship crossing of the English Channel was made by the French-built dirigible "Clément-Bayard II." The 244-mile route was completed in 6 hours.

20-22 October 1934 (England/Australia) — C.W.A. Scott and T. Campbell Black flew from Mildenhall, England, to Darwin, Australia, in 52 hours 30 minutes; they set a new record. (De Havilland Comet, 2 De Havilland Gipsy Six R engines.)

20-23 October 1934 (England/Australia) — MacRobertson International Air Race was won by C.W.A. Scott and T. Campbell Black; they flew from Mildenhall, England, to Melbourne, Australia, in 70 hours 54 minutes 18 seconds. (DeHavilland Comet, two De Havilland Gipsy Six R engines.)

20 October/4 November 1934 (Australia/USA) — Sir Charles Kingsford-Smith and Capt. P. G. Taylor flew from Brisbane, Australia, to Oakland, California. (Lockheed "Altair," Pratt & Whitney "Wasp" engine.)



27 October/2 November 1934 (Aus/England)

— Lieut. Owen Cathcart-Jones and Kenneth H.F. Waller flew from Darwin, Australia, to Lympne, England, in 5 days, 15 hours and 23 minutes; they set a new world record. (De Havilland Comet, two De Havilland Gipsy Six R engines.)

28 October 1914 (Australia) — Aviators in Melbourne formed an Australian Aero Club.

31 October 1956 (South Pole) — The US Navy R4D-5 "Skytrain" Que Sera Sera, commanded by Rear Admiral George Dufek, became the first aeroplane to make a landing at the South Pole