



November 2022

Welcome to our Monthly
Newsletter

The Civil Aviation Academy

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 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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The latest in aviation technology!



Drones for Avocados

[Avocado farmers from Queensland](#) are trialing thermal imaging and drones to calculate how much water their trees are losing through transpiration. They use thermal imaging to fly above the crops and take photos. The imaging picks up the hot spots by taking the temperature of the trees. From these images, the farmers can determine the exact amount of water they need. This helps save water by putting it where it is most needed. Nearby macadamia farms are also trialing the technology.

Grocery Delivery

Google Wing Drones have started delivering groceries on the Gold Coast. The drones will pick up the groceries from the Coles car park before winging them off to people in Ormeau and Ormeau Hills in Queensland. The Coles partnership first commenced in March in Canberra, where they trialed parcel delivery to the folks of Canberra. Customers order via an app, and before you know it, your milk and bread are airborne and at your front door!



Latest Aviation News

First Flying Car Race?

The salt plains of South Australia hosted what is said to be the first-ever flying car race in May this year.

Alauda Aeronautics (vehicle manufacturer) has been experimenting with large drones for the last 18 months; tests include a 100 km/hour race.

These remote-controlled aircraft cannot transport people yet, but Airspeeders hopes to launch a Grand Prix in 2024 with people in the driver's seat. They hope their trials will "hasten the arrival of the electric flying cars that we have been promised in contemporary culture for generations".

▶ COMPLETED | First EVER flying car circuit ra...

Sustainable Aviation Fuel (SAF) council

In the recent Federal budget, the government has committed to establishing a Sustainable Aviation Fuel Council. The council will support new technologies and innovative ways to reduce aviation emissions. A \$139.9 million investment over three years will also provide funding upgrades for Hobart airport, border facilities in Newcastle, and western Sydney's international airports.

It is a big step towards reducing carbon emissions in Australia. Qantas has said it will invest \$50K to help set up the council and claims that by 2050, it hopes to get 60% of its fuel from SAF, with a short-term goal of 10 percent by 2030.



Artemis Heads for the Moon!

NASA launched the rocket Artemis on the 15th November, 50 years after the final Apollo Moon Mission. The rocket contained three test dummies. In three weeks the rocket will propel an empty crew capsule into orbit around the moon. The capsule will arrive back on Earth in December, splashing down in the Pacific Ocean. Artemis is named after the [Greek goddess of the hunt](#).

Ladies Who Lead

Sue-anne recently spoke at the Mentoring Women in Aviation program, Ladies Who Lead. She delivered an insightful talk via Zoom, on the realities of forging an executive career in a male-dominated environment. The talk was a part of the Western Sydney Executive Women in STEM program at Multiplex Sydney.



Relaxed Dress Code for Everyone

Virgin Atlantic recently announced that crew, pilots, and ground staff can now wear uniforms they feel most comfortable in. Gone are the expectations that males and females wear one type of uniform. Fashion icon Vivienne Westwood designed the red skirt suit or burgundy trousers after the airline announced its gender identity policy. Pronoun badges will also be available for staff to wear. Virgin also plans to commence mandatory inclusivity training for all its staff.

▶ Virgin Atlantic's updated gender identity policy

Not long after Virgin Atlantic's announcement British Airways followed suit and flight staff are now allowed to wear mascara, false eyelashes, and earrings regardless of their gender identity. Accessories such as handbags and nail polish are also included in the refreshed dress-code.

World Pride Day

Virgin has just announced Pride Flights for Sydney's 2023 Mardi Gras in February to celebrate World Pride Day. Organisers expect it to be the most significant event for international tourism in Australia since Sydney held the Olympics in 2000! The flights will include a pre-flight party and entertainment.

Remembrance Day November 11th



Join us on the 11th of November as we remember those who lost their lives in wars here and overseas. Remembrance Day (or Armistice Day) is a day when we continue to hope for peace. Australian journalist Edward George Honey wrote a letter to a London newspaper in May 1919, suggesting the minute of silence to remember those that had fallen. As a result, this tradition has continued to this day.

Regulation Updates



Safety Management Systems (SMS) – (implementation plan) 2 December 2022

Safety Management is the principles, frameworks, and processes your operations apply to help prevent accidents and injuries and minimise risk. The forming of a safety management system (SMS) ensures that the skies remain safe. Once you have set up your SMS in accordance with the CASA guidelines, you will need to educate your staff. This can be done using internal or external training providers.

If you are a Part 119 air transport and relevant Part 138 aerial work operator, you must:

- provide an implementation plan by **2 December 2022**
- provide your full documentation by **3 June 2024**
- be ready to start by **1 December 2024**.

Regulation Updates (cont)

To help you develop your documents, read [AC 119-01 Safety management systems](#) for air transport operations. This AC is equally useful to develop an SMS for an aerial work operation. For more guidance on safety management systems, visit the [safety management systems web page](#). For further assistance contact our experienced consultants.

It's a Dog's Life!

If you have followed my Facebook journey, you won't have seen me for a while! A working dog has responsibilities! As you can see I am now huge! That is the same pillow - I was seven weeks old in the first pic, and I am 8 months now. I have done well in all my tests and could be working as a Special Care Dog for Autism very soon! My humans are so very proud.



This Month in Aviation History,



- 3 November 1926 (USA)** — Captain Charles Lindbergh jumps from his disabled aeroplane during a night airmail flight. This is the fourth time he has had to use his parachute to save his life.
- 5-7 November 1938 (Egypt/Australia)** — Kellett, Gaine, Combe, and Gray, Great Britain, set a world distance record of 7,158.440 miles, from Ismailia, Egypt, to Darwin, Australia. (Vickers Wellesley, Bristol Pegasus engine)
- 13 November 1907 (France)** — France's first piloted helicopter rises vertically in free flight. Built by Paul Cornu, it's powered by a 24-hp Antoinette engine driving two motors.
- 14 November 1966 (Antarctica)** — A Lockheed C-141 "Starlifter" became the first jet aircraft to land in Antarctica.
- 26 November 1939 (England)** — British Overseas Airways Corporation (BOAC) is established through the amalgamation of Imperial Airways and British Airways.
- 30 November 1784 (England)** — Jean-Pierre Blanchard makes the first scientific observations from above the earth in a hydrogen balloon over London.