



July 2023

Welcome to our Monthly Newsletter

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 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.*



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?

eVTOL Test Flights for Paris 2024

Pioneers in electric aircraft, AutoFlight announced recently, at the Paris Airshow 2023, that it will perform experimental flights of Prosperity I – an electric vertical take-off and landing (eVTOL) aircraft during the 2024 Paris Olympic and Paralympic Games.

The Prosperity I has a potential operational range of 250 km and will be tested under real conditions. The eVTOL is said to be highly efficient and has energy consumption of an electric car.



Minimising 5G Aircraft Interference

According to a recent [media release](#) from CASA

“CASA has worked closely with ACMA (Australian Communications and Media Authority) to ensure that the roll-out of wireless broadband services, including 5G, in the 3.7 – 4.0 GHz band (mid-band) can be done in a way that ensures the safety of aircraft and acknowledges the importance of Australian aviation.

This includes measures mitigating against potential interference by 5G to radio altimeters (radalts) used in aircraft to determine height above terrain. Information from radalts is displayed to pilots and used by other safety systems.”



Happy Birthday Amelia Earhart

July 24th is Amelia Earhart’s Birthday.

Amelia Earhart was the first female aviator to fly solo across the Atlantic Ocean. She set many other records throughout her career, including the first person to fly solo from Hawaii to California. Earhart was also a best-selling author and a women's rights advocate.



Dublin Airport – Pharma Hub

Swissport International has just opened a new temperature-controlled facility in Dublin to cater for Ireland's position as a major pharma hub.

“The new dedicated pharma facility, which was built in partnership with Celtic Cooling, measures 400 sqm, can hold up to 200 palettes and is the first of its size at Dublin Airport.

The warehouse is operated at a temperature of between 15-25 degrees Celsius but also offers a unit that can be operated from two to eight degrees Celsius.”

A similar facility was installed by Swissport at Nairobi’s Jomo Kenyatta International Airport (NBO) in May this year, to cater for perishable goods with a dedicated area for pharmaceuticals.



Belize Declared Malaria-Free

Belize has been certified malaria-free by the World Health Organisation (WHO) following a 70-year effort to stamp out the disease.

During COVID19, the organisation integrated malaria and COVID19 surveillance systems. According to the latest report from WHO:

“A long-standing partnership between the national malaria programme and the Belize Vector Ecology Centre ensured entomological surveillance, which provided critical information on the distribution and density of malaria-carrying mosquitoes and their resistance to insecticides used in malaria control. Cross-border collaboration with neighbouring Mexico and Guatemala has also been key to success.”

If you are a shipper of vaccines or infectious substances contact the CAAA to enrol in our Safe Transport of Infectious Substances by Air Course (Shippers Training Course) [here](#).

Dangerous Goods (Shippers) Training

Sue-anne Munckton and John Pound attended the *Communicable Diseases & Immunisation Conference* in Perth this month at the Perth Convention Centre.

The event proved to be a fantastic networking opportunity. Sue-anne and John met and chatted to delegates from all over the world.



CASA NEWS

CASA is holding [Free Aviation Safety Seminars](#) this month for pilots, maintenance engineers, and all aviation professionals in Broken Hill, Kyneton and Archerfield. The topic this month: *'Non-controlled Aerodromes: Manage Your Risks'*.

Follow the link for details and registration.



Key Personnel Training

New online training for key personnel is also available this month through the Access eLearning portal, [Aviation Worx](#).

These guided learning experiences will help you prepare your application for a key personnel role.

Three training modules are available:

- Key personnel – Head of Training and Checking (HOTC)
- Key personnel – Chief Executive Officer (CEO)
- Key personnel – Safety Manager (SM).

For the latest in drone news:

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

Regulation Updates



Rotorcraft performance for medical transport operations (documentation)

If you are conducting medical transport operations, you must:

- **provide documentation by 5 September 2023**
- **be ready to start by 4 December 2023.**

If you are conducting aerial work operations, one of the rotorcraft performance options is to comply with the Part 133 rotorcraft performance classes, but this is not mandatory. Review Part 138 MOS for more details.

Links to guidance materials [on our website](#).

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@caa.com.au for more details.

We will update our Facebook page and website with the upcoming changes and their impact on your operations. Follow us at <https://www.facebook.com/caaa.com.au> or www.caaa.com.au News – Civil Aviation Academy.

This Month in Aviation History - July

2 July 1937 (South Pacific) – Amelia Earhart and navigator Fred Noonan were lost over the South Pacific near Howland Island in a Lockheed Electra, Amelia's last long-distance attempt.



4 July 1927 (USA) – The first flight of the Lockheed "Vega," an influence in the design of later, larger transport of the 1930's, took place.

7 July 1981 (France/England) – The first solar-powered aircraft flight across the English Channel was made by the MacCready "Solar Challenger." The 163 mile flight took 5 hours and 23 minutes with pilot Stephen Ptacek at the controls.

8 July 1908 (France) – Thérèse Peltier became the first woman to ascend in an airplane when Delagrangé, her instructor, took her up. She flew about 656 feet at a height of 13 feet.

9 July 1924 (Netherlands/France) – The first recorded flight of a live bull took place when champion breeder "Nico V" was flown from Rotterdam, Holland to Paris, France. The bull was carried by KLM in a Fokker F.III transport aircraft.

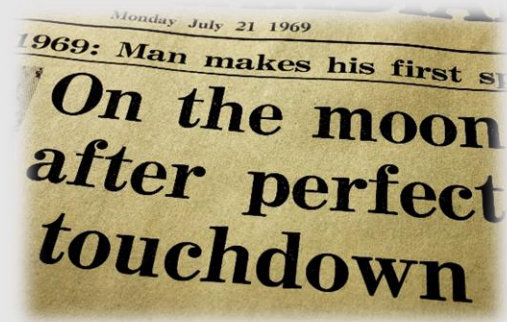
17 July 1969 (USA) – The Apollo 11 Saturn V rocket blasted off from the Florida Space Centre enroute to the first moon landing.

18 July 1914 (Australia) – French pilot, Maurice Guillaux, made the first official airmail flight in Australia. His cargo included 1,785 letters, some Lipton's Tea and OT Lemon Squash.

19 July 1937 (South Pacific) – The official search for missing flyers Amelia Earhart and Fred Noonan was abandoned.

20 July 1927 (USA) – Colonel Lindbergh began his tour of the country under the offices of the Guggenheim Fund, flying in "The Spirit of St. Louis."

20 July 1969 (Moon) – Neil Armstrong landed the lunar module "Eagle" on the surface of the moon. His immortal first words were, "that's one small step for man, one giant leap for mankind." USAF Colonel "Buzz" Aldrin joined Neil Armstrong on the surface of the moon while USAF Lt. Colonel Mike Collins remained in orbit.



23 July 1906 (France) – Having abandoned his helicopter project, Alberto Santos-Dumont unveiled a new aircraft, the "No.14 bis" at Bagatelle, France. The odd-looking machine was dubbed "canard" (duck).

24 July 1898 (USA) – Amelia Earhart, the first woman to fly alone across the Atlantic Ocean and one of the world's most famous aviators, was born in Atchison, Kansas.

27 July 1949 (UK) – The de Havilland 106 "Comet" became the world's first jet airliner to be used in commercial travel.

29 July 1958 (USA) – President Eisenhower signed the National Aeronautics and Space Act, creating a new federal agency, the National Aeronautics and Space Administration (NASA). NASA's stated goal was to enable the United States to lead the exploration of space for peaceful purposes to benefit humanity.

