



February 2023

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!



eVTOL News

Japanese eVTOL aircraft developer SkyDrive sees South Carolina as a likely early adopter of all-electric air taxi services. Under an agreement with local and state officials, it will develop plans to launch operations with prospective partners as it continues to work on certification for its aircraft, which is intended for trips of no more than six miles.

Autonomous air freighters

An ongoing commercial pilot shortage and a wish to lower the cost of air freight has led to US company Ameriflight agreeing to purchase 20 autonomous freighter aircraft from Natilus. The Natilus Kona is an unpowered short-haul feeder aircraft. The flights would initially be semi-autonomous, with plans to become fully autonomous. The aircraft design allows for carrying more freight at a lower cost. Turbo-props power the aircraft, and they run on Jet-A sustainable aviation fuel to offer a 60% reduction in operations costs.

Additionally, the plane will cut carbon emissions in half.



Avalon Airshow 28 Feb - 5 March 2023



The Avalon International Airshow is so close we can almost touch it! If you have been following our social media posts, you will have noticed that we have been talking a lot about cows. All will be revealed if you visit our stand at the airshow!

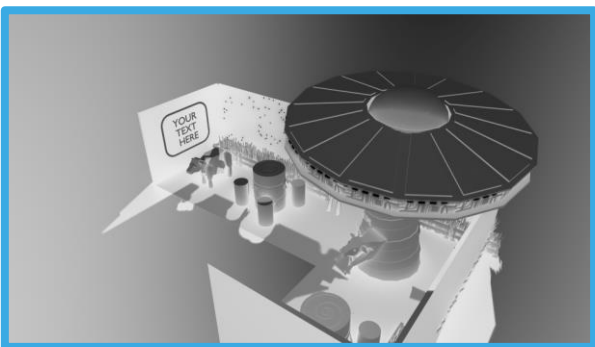
To keep our display sustainable, we are taking a no-waste approach to Avalon 2023.

Cardboard Mill has created our unique stand installations from fully sustainable, carbon-neutral, and 100% recyclable materials. All the inks are organic and environmentally safe. Like Cardboard Mill, we believe in sustainability and zero waste, and all the cardboard will be removed and recycled at the show's end.

Where to find us at Avalon

You can join us in our space - just look for the spaceship!

We will be at Stand number 3B34 - Hall 3. (top right-hand corner opposite Rolls Royce).



Our consultants, John Pound, and Sue-anne Munckton, will be on hand to answer all your questions and help to make your problems disappear.

You might be able to get your hands on one of our limited-edition calico bags, water bottles, or pens. First in, first served!



We look forward to putting faces to the names of those we have yet to meet and catching up with old friends and associates. Follow us on [LinkedIn](#), [Facebook](#), and [Insta](#) live updates, our stand reveal, and Airshow news. See you at Avalon!



In other news...

Bonza air routes confirmed

Bonza is planning to roll out five routes by the end of this month. The budget airline promises to keep airfares low, with some starting at \$49. The first flight from the Sunshine Coast to Whitsundays flew on 31 January. Their aircraft, named Shazza, Bazza, and Sheila, will be flying routes not serviced by the capital-city focussed airlines already in service in Australia.

Where does the term Mayday come from?

Mayday is an international emergency procedure word used to call for help during a life-threatening emergency experienced by aviators and mariners.

Frederick Stanley Mockford, officer-in-charge of radio at Croydon Airport, England, introduced the word in the 1920s. Because much of the air traffic was between France and England at the time, the phonetic equivalent of the French m'aidez ("help me") or m'aider (a short form of venez m'aider, "come [and] help me") was conceived. Before this, morse code was used, with SOS being the signal tapped out in an emergency.

A mayday call can be sent on behalf of another craft, known as a mayday relay.

Air Service Australia describes a mayday call as "an aircraft is in grave and imminent danger and requires immediate assistance".

The latest mayday call in Australia on a commercial aircraft was [Qantas flight 144](#) between Auckland and Sydney.



Regulation Updates



IATA Dangerous Goods Manual (DGRs)

IATA Dangerous Goods Regulations Manuals (DGRs), as required by all operators and shippers of Dangerous Goods, need to be updated. The 2023 IATA Regulations (64th Edition) will become effective on 1st January 2023, and all other versions will become obsolete.

There will be 350+ significant changes that you'll find in the IATA Manuals this year; if overlooked, it could greatly affect your business and the safety and performance of the entire air cargo supply chain.

Standardisation and compliance are paramount to ensure a safe, sustainable, and efficient cargo industry. Therefore, it's important that you don't wait to place your order

The DGR is published every year - our clients who use the most updated regulations experience fewer delays, fines, and lost contracts. Each year, significant changes are made to procedures and regulations. Order yours now:

www.caaa.com.au/iata-regulations/

Infectious Substances Shipping Guidelines (ISSG)

We are now also providing 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. Still, it provides 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.

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

CASA NEWS

2023 Deferred Provisions Timeline

Training and checking:

Operators using CASA EX87/21 to defer their Part 119, 121, 133, 135, and 138 training and checking obligations must be ready to start using their new procedures by **2 March 2023**.

You must submit documentation to CASA by the deadlines indicated. They depend on:

- how you currently operate
- what you already have in place.

These deadlines allow CASA to check draft documentation. They can then work with you on any changes before commencement.

Not every operator has to submit documents. The following information will help you determine if a requirement applies to you, what you must do, and when.

These rules apply to those organisations that were operating on 1 December 2022. New applications must have these systems in place at the time of application.

Podcasts & Videos

CASA has a [library of podcasts and videos](#) available where you can watch and listen to expert panel members as they analyse aviation accidents and hear stories from pilots about incidents, accidents, and safety lessons they have learnt firsthand. CASA podcasts are now available on a range of podcast platforms.

Drone Resources

If you are a drone operator or owner or intend to become one in the future, CASA has some great resources. There are also free resources for [secondary school teachers](#):



This Month in Aviation History

- 1 February 1851 (Australia) — Englishman William Dean flew a balloon, the “Australasia,” over Melbourne for about 7 miles making it the first balloon ascent in Australia.
- 4 February 1902 (USA) — Charles Augustus Lindbergh (1902 -1974) was born in Detroit, Michigan.



- 5 February 1919 (Germany) — The first regular, daily passenger service in the world is launched at Berlin's city airfield. Germany's Deutsche Luft-Reederei (D.L.R), operated a service from Berlin to Weimar via Leipzig.
- 6 February 1956 (USA/France) — William Judd landed his Cessna 180 in Paris after a solo flight of 25 hours and 15 minutes across the North Atlantic from the United States.
- 7 February 1958 (Germany) —The soccer team, Manchester United, was involved in an air crash. The team was returning from Belgrade after victory against a Yugoslav opponent when their British European Airways (BEA) Airspeed AS.57 “Ambassador” crashed into a house in Munich, Germany. All were killed.
- 8 February 1933 (USA) — The first Boeing 247 an all-metal monoplane, took to the air.



- 9 February 1936 (England/South Africa) — Tommy Rose lands at Wingfield Aerodrome in Cape Town, South Africa, after a record flight from England of 3-days 17-hrs 38-min.
- 10 February 1923 (England/France) — An experimental night flight arrived in Le Bourget, France, from Croydon, England. The pilot used radio and aviation light beacons to make his approach.
- 11 February 1909 (New Zealand) — Vivian C. Walsh piloted a Howard-Wright biplane on what is generally considered the first flight in New Zealand by a powered airplane.
- 12 February 1928 (South Africa/England) — Lady Heath (formerly Mrs. Elliot-Lynn) became the first woman to fly solo from Cape Town, South Africa to London, England.

- 14 February 1932 (USA) — Ruth Nichols flew her diesel engine, Lockheed “Vega” from Floyd Bennett Field, New York, to an altitude of 19,928 feet, setting a record for diesel-powered planes.
- 14 February 1980 (Japan) — Japan Air Lines began commercial operations with Boeing 747SR the highest-capacity airliner ever put into scheduled service. The aircraft had seating for 550 passengers, 45 in the upper deck.
- 15 February 1965 (USA) — Mrs. Guy Maher arrived from Culver City, California to Medford, New Jersey in a Hughes 300 to complete the USA's first transcontinental helicopter flight by a woman.
- 17 February 1934 (Australia/New Zealand) — The first airmail flight from Australia to New Zealand was flown by Charles T. Ulm in his Avro “Ten,” a licensed-built Fokker F. VIIIB/3m registered as VH-UXX.
- 19 February 1982 (USA) — The first Boeing 757 took to the air. With a capacity for between 178 and 239 passengers.
- 22 February 1925 (England) — Geoffrey de Havilland took off in his newly built D.H.60 “Moth” (G-EBKT), heralding a new age of light aviation.



- 24 February 1983 (Mexico) — A 9-year pilot took a solo flight in a powered, heavier-than-air flying machine. The flight took place near Mexicali, Mexico, and the aircraft the boy piloted was a Cessna 150.
- 25 February 1990 (USA) — Smoke-free flights became mandatory throughout North America for all United States airlines.
- 28 February/25 April 1934 (USA/South America Tour) — Laura H. Ingalls flew from Glenn Curtiss Airport, North Beach, New York, a 17,000-mile tour of South America, including a solo flight across the Andes.

