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**North
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Transportation's Top Stories

Air Transport Updates

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Safety Above All includes mandatory vaccinations for travellers and employees at the WestJet Group

On Oct. 22, 2021, the WestJet Group shared the evolution of its Safety Above All program to reflect mandatory employee vaccination and mandatory traveller vaccination, in line with the Government of Canada mandate. Effective October 30, 2021, The WestJet Group will implement the federal government's mandatory vaccination policy for air travellers and will operate as a fully vaccinated airline, managing minimal accommodations pursuant to human rights law. "The implementation of these policies mark a major confidence milestone for our industry as Canadians can fly knowing that they are travelling within a fully-vaccinated ecosystem," said Ed Sims, WestJet Group, President and CEO. "We are taking all necessary steps to ensure our guests are advised of the new requirements for travel prior to taking their next flight."

Safety Above All includes mandatory vaccinations for travellers and employees at the WestJet Group, October 22, 2021, www.westjet.ca

Air Canada Offers Industry's Most Comprehensive Travel Testing Options in Partnership with Switch Health, Including Self-Administered Tests

Air Canada on October 25, 2021 announced the introduction of new testing products, including portable self-administered COVID-19 molecular and antigen test kits, through a partnership with Switch Health, a Canadian-based healthcare company. Using the Switch Health COVID-19 RT-LAMP Kit, customers can test themselves while travelling abroad prior to their flight to Canada to meet Government of Canada testing entry requirements without the need to visit a foreign COVID-19 testing clinic. These tests are conducted under the remote supervision of a Telehealth professional from Switch Health and include an electronic report suitable for travel.

Air Canada Offers Industry's Most Comprehensive Travel Testing Options in Partnership with Switch Health, Including Self-Administered Tests, October 25, 2021, www.aircanada.ca

Air Canada Recognized as One of the Achievers 50 Most Engaged Workplaces Awards 'Elite 8'

Air Canada has been further recognized by Achievers as being one of the 'Elite 8' companies within the 2021 Achievers 50 Most Engaged Workplaces® Awards, which celebrates the top 50 employers that make engagement, alignment and recognition central to the employee experience. This latest award follows the airline being recently named as one of the 50 Most Engaged Workplaces for the fifth consecutive year for its commitment to employee engagement.

Air Canada Recognized as One of the Achievers 50 Most Engaged Workplaces Awards 'Elite 8', October 22, 2021, www.aircanada.ca

WestJet to return to 95 destinations this winter

This 2021 winter, WestJet is set to restore service and connectivity to more than 95 destinations across the airline's domestic, transborder, sun and international network as of December 2021. "As Canadians confidence in travel grows, the return of service to 95 destinations marks a major milestone in rebuilding our network to pre-pandemic levels," said John Weatherill, WestJet Chief Commercial Officer. "We have our sights set on restoring our global network to reach more than 100 destinations and continue to focus on alleviating the current travel barriers in place for our guests."

WestJet to return to 95 destinations this winter, October 25, 2021, www.westjet.ca

Canada's airports are ready to work with the new government to restore air service

ON October 26, 2021, Canada's airports' efforts to safely restore air service to communities across the country took a step forward today with the announcement of the new federal Cabinet. While there are many changes, Omar Alghabra will continue in his role as Minister of Transport, a position he first assumed in January 2021. "We are very pleased that Minister Alghabra will remain at Transport," said Daniel-Robert Gooch, President of the Canadian Airports Council. "He has been a strong partner, working with the aviation sector on the new vaccine mandate as well as the new funding programs available to airports. With Mr. Alghabra in staying in place, we can continue our important work to restore air service to Canadians without undue delays. We also look forward to continuing our work with Deputy Prime Minister and Minister of Finance, Chrystia Freeland on economic growth."

Canada's airports are ready to work with the new government to restore air service, October 26, 2021, www.cacairports.ca

Weekly aircraft movements, October 9 to 15, 2021

Weekly data on aircraft itinerant movements are now available for October 9 to 15, 2021. For the week ending October 9, 2021 domestic movements were 40,274 compared to 45,346 for the week ending October 2, 2021.

Weekly aircraft movements, October 9 to 15, 2021, October 27, 2021, www.statcan.gc.ca

Monthly civil aviation statistics, August 2021

Major Canadian airlines carried 3.3 million passengers on scheduled and charter services in August 2021, the most since the pandemic began. While this was almost triple the number of passengers carried in August 2020, it was about two-fifths (39.3%) of the pre-pandemic level reported in August 2019. At 78.1%, the passenger load factor rose closer to historical levels in August 2021, surpassing 70% for the first time since February 2020. While operating revenue has increased, the \$830.9 million earned in August 2021 was less than one-third (30.6%) of the operating revenue earned before the pandemic in August 2019.

Monthly civil aviation statistics, August 2021, October 28, 2021, www.statcan.gc.ca

Air Canada joins new climate group

Air Canada is a founding member of, and the first Canadian carrier to join, the Aviation Climate Taskforce (ACT), formed to tackle the challenge of rising CO2 emissions from commercial aviation. The new, non-profit organization, made up of 10 global airlines and the Boston Consulting Group, was established to accelerate research and advance innovation related to emerging decarbonization technologies, including through the development of sustainable aviation fuels.

Air Canada joins new climate group, October 28, 2021, www.insidelogistics.ca

Aircraft movement statistics: Major airports, August 2021


In August 2021, there were 423,522 aircraft movements at Canada's major airports, up 4.1% from August 2020. While this was the highest number of movements since the onset of the pandemic in March 2020, it was three-quarters (74.8%) of the pre-pandemic level from August 2019. At 14,608, movements to and from the United States also reached their highest number since March 2020 but remained just under one-third (32.4%) of the 45,017 movements reported in August 2019, before the pandemic. Higher volumes of commercial passenger traffic helped to elevate Vancouver International and Toronto/Lester B. Pearson into the top three together for the first time since December 2020, and to lift Calgary International back into the top five for the first time since April 2020.

Aircraft movement statistics: Major airports, August 2021, October 28, 2021, www.statcan.gc.ca

U.S. Airlines Carried 5.2% More Cargo in August 2021 than August 2020 (Preliminary); Down 2.8% from July 2021

U.S. airlines carried 1,661 thousand tons of cargo in August 2021 (preliminary), an increase of 5.2% over August 2020 according to data filed with the Bureau of Transportation Statistics (BTS) by 15 of the leading U.S. cargo airlines. The year-over-year increase resulted from gains of 4% in domestic cargo and 8.9% in international cargo. The 15 airlines carry 95% of the total cargo by weight transported on U.S. airlines. Cargo data consists of freight and mail carried within the U.S. and between the U.S. and foreign points.

U.S. Airlines Carried 5.2% More Cargo in August 2021 than August 2020 (Preliminary); Down 2.8% from July 2021, August 22, 2021, www.bts.gov

 **The United Nations Climate Change Conference** will be held in Glasgow, UK in November. One of the main areas of discussion will be transport. The International Air Transport Association (IATA) has committed to an extraordinarily ambitious goal of achieving NET ZERO operations by 2050.

If you want to know how they intend to reach that goal and the current innovations already implemented and those under consideration you need look no further than JETLINER CABINS: Evolution & Innovation. This pioneering app contains a comprehensive chapter called Green Advances: Superior Interiors (Chapter 15) that will provide valuable information to those working in the airline industry and the flying public about how airlines intend to meet the IATA's goal. Below, is a press release about JETLINER CABINS and how this innovative app explains the future of aircraft interiors.

Jetting into the Race to Decarbonize Flying by 2050

Author Jennifer Coutts Clay, CMILT, Outlines How Aircraft Interiors Will Evolve to Meet New 'Green' Goals set by the International Air Transport Association (IATA).

Airlines must reduce their carbon emissions dramatically in the next decade if they are to stay on track to meet the ambitious International Air Transport Association's goal of reducing carbon emissions by 21.2 gigatons between now and 2050. How will they do it?

While the airline industry's goal is to use sustainable aviation fuels, new propulsion technologies, and fuel use efficiencies to cut carbon emissions, significant changes will have to be made to aircraft interiors. Jennifer Coutts Clay, author of JETLINER CABINS: Evolution & Innovation, lays out just some of the groundbreaking ways aircraft designers plan to increase sustainability, reduce waste and achieve Net Zero operations by 2050.

Coutts Clay's pioneering E-BOOK app is the go-to book for the latest aircraft interior design developments. She provides detailed information on the ingenious 'green' aircraft cabin initiatives. There is no other reference material available that has assimilated such a range of the latest 'green' advances in jetliner cabins, and it makes for fascinating reading.

- Air France has developed and installed 40% lighter economy-class seating on its A319, A320, and A321 short-haul aircraft reducing CO2 by 111/2 million pounds.
- Alaska and Horizon airlines eliminated 10 million paper ticket jackets, the equivalent of 850 pulp trees a year.
- KLM substituted metal meal service trays with lightweight plastic versions.
- United Airlines introduced new snack boxes incorporating 100 per cent recycled fiber.

The E-BOOK outlines many more simple and ingenious ideas that will begin to reduce fuel expenditure in operations as they are adopted by the airlines. Coutts Clay also reveals the creation of 'green teams' – dedicated teams put together by the airlines – to revise interior strategies. Verg Alg, former head of interiors engineering for Continental Airlines, says,

"One of our main target areas was the aircraft seat. Using our green criteria, we worked on the seat structure – the frame, cushions, and covers – to improve performance. Similarly, we developed our aircraft carpet. We wanted to make it more lightweight, recyclable, and longer-lasting. We knew that if we could reduce weight by a fraction in each commodity unit, the total could add up to a major saving for Continental in fuel-cost dollars."

Current and future changes in cabin interiors will include further use of Light-Emitting Diodes (LED) lighting instead of white-light incandescent or fluorescent lighting systems. Stain-proof lightweight nylon carpeting will be introduced, and cabin window shades will become electronically operated 'power shades.' Even the traditional seat belt, which has remained unchanged for decades, is being redesigned to make it lighter and more ergonomic.

These innovations are sustainable, lighter, and healthier and created with passenger comfort and safety in mind. New honeycomb cushions flex with passenger movement and provide a massaging effect that enhances blood flow. They are also non-toxic, durable, and easily cleaned. Some airlines are proposing adding changing areas where passengers can change clothes either for sleeping or airport arrival, thereby reducing the impact on the lavatory area and reducing turnaround time for cleaning crews. Airlines are focused on reducing waste to landfills by using disposable tableware that is 100% biodegradable within 90 days.

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Jennifer Coutts Clay considers every part of the aircraft interior, including construction materials, and, in a section called 'Green' Horizons, she highlights the Bombardier C Series (Airbus A220). The manufacturer's stated aim was to develop and use recyclable components so that almost 100% of the aircraft could be recycled at the end of its serviceable life.

Coutts Clay supports her findings with state-of-the-art images and interviews with industry leaders.

The entire JETLINER CABINS app is visually stunning and offers a complete history of recent cabin design going back to the 1970's. It is the first and only comprehensive account of the aircraft cabin environment. The book contains black and white and color photographs of aircraft interiors from around the world, covering everything from the first-class luxury to economy class passenger experience. Coutts Clay explains all the challenges faced and met by brilliant interior jetliner cabin designers from dining, cleaning, durability, sustainability, accessibility, air quality, inflight entertainment, safety, branding, and many others.

For more information about the app please go to:
www.jetlinercabins.com

