

Weekly Aviation Headline News

WORLD NEWS

WestJet returns 737 MAX to service

WestJet returned the first of its 737 MAX aircraft to passenger service from Calgary to Vancouver with the second MAX flight from Vancouver to Calgary on January 21. "The return of WestJet's MAX aircraft to the fleet marks an operational milestone after 22 months of intense review," said Ed Sims, WestJet President and CEO. "WestJet's preparation, training processes, due diligence and safety above all philosophy drives our confidence in welcoming guests on board our MAX aircraft." In addition, the airline has created a variety of resources to assist passengers in feeling comfortable flying the aircraft.

Qatar Airways and Iberia strengthen strategic partnership

Qatar Airways has signed an expanded codeshare agreement with Iberia. The agreement will enhance connectivity between the two airlines' complementary networks and will offer additional travel options to passengers travelling between the Iberian Peninsula, Latin America, Africa, Asia-Pacific and the Middle East via Hamad International Airport. The expanded commercial cooperation will increase the number of destinations available to Iberia passengers from 29 to 36.

Qatar Airways Cargo launches e-booking platform

Qatar Airways Cargo will provide forwarders with real-time pricing, capacity, and eBookings via WebCargo, marking a major milestone in air cargo digitalisation. Forwarders globally will soon be able to conduct real-time eBookings, access live rates, and see available capacity with Qatar Airways Cargo via the service of WebCargo, a Freightos Group company, providing critical agility as supply chains contend with COVID-19's impact and disruption.



More than 60 flights carrying the vaccine shipments to various locations.

Photo:
DHL Express

DHL delivers first COVID vaccines to South America

With first batches now arriving in several countries

DHL Express has successfully delivered the first shipments of the COVID-19 vaccine in the Americas, reaching the first countries to receive the first doses in South America: Mexico, Chile, Costa Rica and Panama.

The company has operated more than 60 flights transporting the numerous shipments of the urgently needed vaccines around the world, ten of which carried the temperature-controlled shipment to the Americas.

"The current crisis first showed how indispensable international logistics networks are for ensuring that societies have the necessary

personal protective equipment and test kits to secure their health. Now, we are proud to be part of the next step in our common fight against the coronavirus. Our teams across 220 countries and territories

"We've delivered it successfully to every country assigned and we're ready to continue."

Mike Parra, CEO, DHL Express Americas

worked for several months to prepare for the distribution of the COVID-19 vaccine. We've delivered it successfully to every country assigned and we're ready to continue delivering anytime and anywhere it's needed," said

Mike Parra, CEO for DHL Express Americas.

In the Americas, DHL already has delivered several shipments of the vaccine to Mexico, Chile, Costa Rica and Panama, and will continue to add additional batches of the vaccine in the next few months. Other countries where DHL delivered the vaccines include Austria, Bahrain, Bulgaria, Croatia, Greece, Finland, Italy, Lithuania, Norway, Oman, Romania, Singapore and Sweden.

"Our Express network has proven its strong resilience during this

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...continued from page 1

pandemic. While almost all nations went into lockdowns, none of our operations have stopped,” said Parra. “It is in our DNA to deliver, even in times of global crisis. Thanks to our people and infrastructure, we are able to keep trade lanes open and enable our customers to continue their businesses.”

“The distribution of the COVID-19 vaccine creates a great number of risks given the current state of urgency, the scale and complexity of the different requirements of transportation, and these needs to be carefully managed,” said Jim Monkmeyer, President of Transportation, DHL Supply Chain North America.

AIRCRAFT & ENGINE NEWS

Airbus’ ramp up of A320 slows to reflect weaker market outlook

While Airbus continues to increase the monthly production numbers for the narrow-body A320 jet, it will be at a reduced level to that previously anticipated. Currently, the European planemaker is producing 40 units per month and this will increase to 43 in the third-quarter 2021, and 45 in the final quarter, both down on the targeted 47 units for July onwards “in response to the market environment.” However, according to Airbus, production numbers for the A350 and A330 will remain stable at five and two units per month, respectively, though this means a postponement of a potential production rate increase for the A350. At the root of the problem for Airbus is the uncertainty facing airlines during the global pandemic, especially those based in Europe. This problem is compounded by a lack of certainty over the volume of delivery finance available while all eyes are on the pace of the distribution of the COVID-19 vaccine alongside the general economic outlook. Airbus has also confirmed its previous announcements that the assembly of the smaller A220 jet will increase from four to five aircraft per month at the end of the first quarter.

SkyWorks reports fourth-quarter 2020 activities

SkyWorks Holdings’ leasing and asset management activities during the fourth quarter of 2020 included the sale of two A320 aircraft on behalf of a Middle Eastern-based leasing company (on lease to British Airways), to an Ireland-based lessor. On behalf of a U.S.-based financial institution, SkyWorks has managed the lease return of two DHC8-300s from Jazz Aviation and the subsequent sale to a U.S. investor. Furthermore, on behalf of a U.S.-based investor, SkyWorks arranged the sale of one A300F4-605R aircraft and on behalf of a U.S.-based financial institution SkyWorks managed the lease return of one 767-300ER aircraft previously operated by Air Canada. A sistership is scheduled for return in February 2021 and the aircraft are currently offered for sale.

Lessor BBAM orders six 737-800 Boeing Converted Freighters and six options

Boeing and BBAM have announced that the lessor is expanding its 737-800 Boeing Converted Freighter fleet with six firm orders and six options. The agreement brings BBAM’s 737-800BCF orders and commitments to 15 and highlights the continued strength of the e-commerce and express cargo market. Based on the Next-Generation 737, the 737-800BCF is meeting customer demand for a newer-generation



BBAM orders six firm 737-800 Boeing converted freighters and six options
Photo: Boeing

freighter that offers higher reliability and lower fuel consumption and operating costs per trip. Primarily used to carry express cargo on domestic or short-haul routes, the airplane is capable of carrying up to 23.9 tons (52,800 pounds) and flying up to 2,025 nautical miles (3,750 km). Since entering service in 2018, the 737-800BCF has won more than 150 orders and commitments. BBAM currently has more than US\$28 billion of assets under management and employs over 150 professionals at its U.S. headquarters in San Francisco, and in additional offices in Tokyo, Singapore, Zurich, Dublin and Santiago.

Rolls-Royce runs first engine on Testbed 80



Testbed 80

Photo: Rolls-Royce

Rolls-Royce has successfully completed the first engine run on its state-of-the-art Testbed 80, which will be the largest and smartest indoor aerospace testbed when it is officially opened in the coming months. With an internal area of 7,500 m², making it larger than a Premiership football pitch, the testbed conducted its first run on a Rolls-Royce Trent XWB engine at the test facility in Derby, U.K. This is a major milestone in the project which has been under construction for almost three years and represents a £90 million (US\$122 million) investment. Testbed 80 has been designed to test a range of today’s engines, including the Trent XWB and the Trent 1000, but will have the capability to test the UltraFan® demonstrator, Rolls-Royce’s blueprint for the next generation of even more efficient engines, as well as the hybrid or all-electric flight systems of the future. The versatility of the testbed means it is able to accommodate engines of all sizes up to 155klbf thrust – that’s enough power to launch a Boeing 747 with one (huge) engine. As part of the company’s decarbonization strategy it has also committed to promoting the scaling up of Sustainable Aviation Fuels (SAFs), which can already be used as a ‘drop-in’ fuel in the company’s existing engines. To support this commitment, Testbed 80 is equipped with a 140,000-litre fuel tank for different fuel types, including Sustainable Aviation Fuel.

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AIRCRAFT & ENGINE NEWS

Planet 9 bolsters managed aircraft fleet

Planet 9, the Van Nuys, California-based private charter operator and aircraft management company, added a Bombardier Global Express BD-700 (N551SW) to its managed fleet at the end of December, the third aircraft to go onto its Part 135 Air Operator's Certificate since the pandemic took hold in March 2020. Two more aircraft – a Global Express and Dassault Falcon 7X – are currently being readied to join the managed fleet by the end of February. Both will be available for charter, boosting the Planet 9 family of owned and managed aircraft to 14. Planet 9, which has operations bases in Teterboro, New York, London, and Lisbon, has seen more clients turn to the safe cabin environment of its private aircraft to keep their families protected during the pandemic. Much of its flying over the recent holiday season has been to the Caribbean Islands, especially The Bahamas and Turks & Caicos – from both U.S. and European airports.



Photo: Planet 9 adds one Bombardier Global Express to its managed fleet

Aergo Capital completes acquisition of one Boeing 737-800 aircraft on lease to Okay Airways



Vintage Boeing 737-800 aircraft

Photo: Aergo Capital

Aergo Capital (Aergo) has completed the acquisition of one 2013 Vintage Boeing 737-800 aircraft bearing manufacturers serial number 41789 from AerCap Ireland. The aircraft was sold with an existing operating lease to Chinese airline, Okay Airways. This transaction builds on Aergo's already strong relationship with AerCap. Fred Browne, Chief Executive Officer of Aergo, commented: "This acquisition was made possible by the continuous and cooperative efforts of the teams at Aergo Capital and AerCap. With this transaction, Aergo has added one more lessee to its portfolio and we look forward to developing our partnership with Okay Airways."

Airbus Helicopters starts in-flight tests on board its Flightlab

Airbus Helicopters has started in-flight tests on board its Flightlab, a platform-agnostic flying laboratory exclusively dedicated to maturing new technologies. Airbus Helicopters' Flightlab provides an agile and efficient test bed to quickly test technologies that could later equip Airbus' current helicopter range, and even more disruptive ones for future fixed-wing aircraft or (e)VTOL platforms. Airbus Helicopters intends to pursue the testing of hybrid and electric propulsion technologies with its Flightlab demonstrator, as well as exploring autonomy, and other technologies aimed at reducing helicopter sound levels or improving maintenance and flight safety. Flight tests started last April when the demonstrator was used to measure helicopter sound levels in urban areas and to particularly study how buildings may affect people's perception. Tests this year will include an image-detection solution with cameras to enable low altitude navigation, the viability of a dedicated Health and Usage Monitoring System (HUMS) for light helicopters, and an Engine Back-up System, which will provide emergency electric power in the event of a turbine failure. Testing on the Flightlab will continue in 2022 in order to evaluate a new ergonomic design of intuitive pilot flight controls intended to further reduce pilot workload, which could be applicable to traditional helicopters as well as other VTOL formulae, such as UAM.



Airbus unveils its helicopter Flightlab, a platform-agnostic flying laboratory

Photo: Airbus

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AIRCRAFT & ENGINE NEWS

Eve to lead consortium to develop Urban Air Mobility Concept of Operations with U.K.'s CAA

EmbraerX-graduated company Eve is to lead a consortium of aviation companies to work on a concept of operations for integrating air taxis and electric vertical take-off and landing vehicles (eVTOLs) into the U.K. airspace. The consortium will work with the U.K. Civil Aviation Authority (CAA) in what will be part of Eve's Future Air Mobility Regulatory Sandbox. The consortium will include Heathrow Airport, London City Airport, NATS, Skyports, Atech, Volocopter, and Vertical Aerospace. David Tait, Head of Innovation at the U.K. Civil Aviation Authority, said: "The Regulatory Sandbox was established to create an environment where innovation in aviation can be explored in line with the Civil Aviation Authority's core principles of safety, security, and consumer protection. This project was selected to join the Sandbox as it will help us to develop a strategic framework



Eve U.K.

Photo: Embraer

for harmonizing the low-level airspace, which will support the development of urban and regional air mobility operations across the U.K." To begin with and working alongside local authorities, the consortium will explore how eVTOLs can transport passengers from London City Airport to Heathrow Airport, with stops in between. The introduction of eVTOLs can offer greener and faster modes of transportation for passengers and cargo, improve urban and regional connectivity, create new jobs, and spur innovation. The concept of operations will help make eVTOL operations in the U.K. possible, allowing the industry to scale and deliver environmental and economic benefits to the U.K. "Today, flights between London City Airport and Heathrow Airport are limited, and the routes are designed specifically for helicopters. By collaborating with the U.K. Civil Aviation Authority, we aim to demonstrate to the public why regulatory support is required to build eVTOL-specific routes," said David Rottblatt, Vice President of Business Development and leader of the Urban Air Traffic Management project for Eve.

Air Canada to reintroduce 737 MAX on selected routes at beginning of February



Air Canada Boeing 737-8 MAX

Photo: AirTeamImages

With 24 Boeing 737 MAX 8s in its fleet of commercial aircraft, Air Canada has announced that subsequent to Transport Canada's (TC) Airworthiness Directive and January 20, 2021 lifting of the existing Notice to Airmen (NOTAM) for the Boeing 737 MAX aircraft, the aircraft ungrounding by regulatory bodies worldwide, and the carrier's own independent assessments of the aircraft and operating procedures by its specialized safety and flight operations experts, it will be including the 737 MAX on selected commercial flights commencing February 1, 2021. Routes now covered by the 737 MAX will include Toronto to and from: Halifax, Montreal, Ottawa, Edmonton, and Winnipeg. All flights will be operated in accordance with Air Canada's biosafety protocols, centered around the Air Canada CleanCare+ program. "We are very confident the nearly two-year regulatory process undertaken by Transport Canada and other regulators worldwide ensures the utmost safety of the Boeing 737 MAX fleet from nose to tail, and from wing to wing. As part of Air Canada's multi-layered approach to reinforcing

and enhancing safety, our internal experts have also worked with independent specialists to conduct assessments of the aircraft and our operating procedures," said Captain Murray Strom, Vice President, Flight Operations at Air Canada. Strom added that in addition to implementing all required updates and modifications to the aircraft, Air Canada has gone beyond by equipping its fleet with additional safety-enhancing features that exceed required regulatory standards.

All Nippon Helicopter's H160 completes first flight



First flight of Nippon Helicopters H160 helicopter

Photo: Airbus

All Nippon Helicopter's (ANH) H160 has performed its first flight test, a 95-minute flight at the Marseille Provence Airport. This successful maiden flight paves the way for the aircraft's entry into service in Japan. ANH deploys a helicopter fleet comprising six AS365s and five H135s for electronic news gathering for the TV stations across Japan. This H160 will replace one of its AS365s. The H160 was granted its type certificate by the European Union Aviation Safety Agency (EASA) in July 2020, with the certification from the Japan Civil Aviation Bureau (JCAB) expected in early 2021. Upon delivery of the helicopter, specialized equipment installation and customization will be performed at Airbus Helicopters' Kobe facility, before its entry into service.

Volocopter targets U.S. cities in strategic move

German air taxi startup Volocopter has announced that its December 22, 2020 application for concurrent Type Certificate validation has been accepted by the U.S. Federal Aviation Administration (FAA). This will allow Volocopter to introduce its air taxi to the American market. Currently, and globally, it is the only company which has obtained Design Organization Approval (DOA) which is a license to develop and build certified aircraft, issued by the European Union Aviation Safety Agency (EASA). Presently, Volocopter is also in the process of obtaining EASA-type certification for its electric vertical take-off and landing (eVTOL) aircraft. "We are the 'Pioneer of Urban Air Mobility' and our accomplishments are setting



Photo: Volocopter

the stage for more extensive adoption of UAM implementation by our industry. By focusing on a collaborative approach to success, we are bringing excellence, expertise, and experience to the table together with our partners, and with that, we are leading the way to bring urban air mobility to life in cities around the globe," said Florian Reuter, CEO of Volocopter. "From the beginning, we have considered the U.S. an important market for our services. Certification is the key to this market, and we are excited to begin the process of seeking approval from the FAA to introduce this innovative era of mobility not only in Europe and Asia but also in the U.S." The VoloCity is Volocopter's electric air taxi, developed specifically to meet growing demand for better intra-city mobility in large cities like Los Angeles, New York City, San Francisco, and Washington D.C., while Volocopter's business plan aims to provide scalable air taxi services at costs comparable to regular taxi services.

MRO & PRODUCTION NEWS

F/LIST CANADA receives AMO certificate

F/LIST CANADA, a subsidiary of F/LIST, the internationally renowned manufacturer of high-end interiors, is approved pursuant to CAR 573.02 for the maintenance of aeronautical products, and holds ratings in the categories: components, aircraft seats, cabin furnishings, galley and lavatory equipment. F/LIST's production facility and veneer competence center in Canada has successfully offered full component production, refurbishments, and other aftermarket services, showroom management, and liaison engineering since 2017. The production facility in Laval with fully equipped paint shop, state-of-the-art veneer processing technology, and a manpower of 60 by 2021, can offer fast and flexible production and services. The AMO certificate represents a further growth milestone in its aftermarket aircraft division.

ST Engineering signs five-year contract with international air cargo carrier

ST Engineering has signed a five-year airframe heavy maintenance contract with an international air cargo carrier. As part of the contract which took effect January 1, 2021, ST Engineering is to provide heavy maintenance support for multiple fleet types for the carrier at the Group's airframe facilities in Mobile,

Alabama, U.S., and other locations in the Group's network. In addition to heavy maintenance, ST Engineering also caters to the carrier's needs for landing gear replacements as well as special maintenance visits of various aircraft types at its Mobile facility.

SR Technics launches new brand STRADE

MRO service provider SR Technics, launched its new component services brand STRADE, on January 18, 2021. The new brand will operate as an independent unit inside the group. STRADE provides component sale, lease, loan, and exchange services on all major aircraft platforms. It will benefit from SR Technics' legacy in aircraft know-how and product reliability to offer 24/7 quality rotatable services to customers worldwide. Commenting on introducing the new brand, Jean-Marc Lenz, CEO of SR Technics said: "With the launch of the new brand, SR Technics shows its resilience and innovative spirit in challenging times for our industry. STRADE leverages the strength of our company with its entrepreneurial and agile setup." "We respond to a clear market demand for a more flexible and dynamic approach to component support," said Stephen Fer, General Manager of STRADE. "We also see how SR Technics' quality products will continue creating value through our renewed digitalized operating model," he added.

TAT Piedmont Aviation and Honeywell enter ten-year agreement for APU services

AT Technologies' fully owned subsidiary Piedmont Aviation (TAT-Piedmont) and Honeywell International have entered into a ten-year agreement for an exclusive worldwide Auxiliary Power Unit (APU) rental services for OEM- authorized GTCP331-500 engines. Under this contract, TAT-Piedmont acquired Honeywell's GTCP331-500 APU's rental bank and will offer rental services to airlines which are operating Boeing's 777 aircraft and will serve on behalf of Honeywell for any rental of Honeywell GTCP331-500 APUs to Honeywell customers on an exclusive basis. In addition, TAT-Piedmont and Honeywell entered into a binding MOA to authorize TAT-Piedmont to provide licensed MRO services on GTCP331-500 APUs, and provide relevant knowhow and parts, making TAT-Piedmont an authorized global MRO services provider for this engine. Igal Zamir, CEO of TAT Technologies, stated that: "This agreement is a significant step in the development of TAT-Piedmont as a major global player in the APU MRO services business, and will improve support and options for Honeywell APU customers." He also added that, "The GTCP331-500 APU engine, which is installed in all Boeing 777 aircraft around the world, is expected to be in operation for the next few decades, generating meaningful MRO business opportunities. The rental services agreement and the anticipated authorization to provide licensed MRO services, are major growth opportunities for TAT."

thyssenkrupp Aerospace extends partnership with Korean Aerospace Industries

thyssenkrupp Aerospace has signed a three-year contract with the South Korean aircraft manufacturer Korean Aerospace Industries (KAI). From early 2021 thyssenkrupp Aerospace will supply materials for KAI's civil and military programs and will also manage supply chains. This will allow thyssenkrupp Aerospace to further expand its presence in the Asia-Pacific region. "The long-term agreement at fixed prices will allow us to realize cost savings for our partner and contribute to increased efficiency in the supply chain," said Hyun Soo Jee, Country Manager, describing the advantages for the customer. The new agreement expands the business volume and strengthens the partnership between KAI and thyssenkrupp Aerospace. "In addition to price stability, KAI can call up selected materials just-in-time. This helps KAI to reduce the capital tied up in inventory and to concentrate mainly on its core business of machining and assembling," said Jee. Founded in 1999, KAI, which emerged from a joint venture between Samsung Aerospace, Daewoo Heavy Industries, and Hyundai Space and Aircraft Industry, is a manufacturer of aircraft and helicopters for civil and military purposes and is now also involved in the development of satellites and launch vehicles. Since 2015, KAI has been developing the first prototype of a South Korean stealth fighter aircraft (KF-X), one of South Korea's most important national defense projects. The system development, which is to be completed by 2026, involves 16 universities, 11 laboratories and 553 suppliers.



Photo: Korean Aerospace Industries

FINANCIAL NEWS

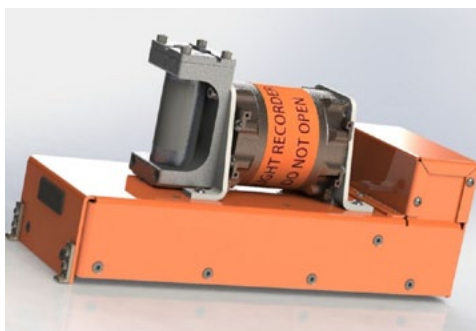
AP&M Holdings acquires Turbine Controls & Excitation Group

AP&M Holdings have acquired Turbine Controls & Excitation Group (TC&E). TC&E is a global, full-service Power Generation Controls and Excitation company specializing in gas turbine, steam turbine, and generator control systems. TC&E will merge with AP&M's aeroderivative service team to form the AP4 Energy Services division led by TC&E's John Downing. Now with one call to AP4 Energy Services, a customer can coordinate the full range of field services, acquire parts and component repairs of their aeroderivative and heavy-duty gas turbine generator and steam turbine power plants. This very experienced service team expands the company's technical service offering and field service solutions. Both AP&M and TC&E customers will experience enhanced access to technical services, product upgrades, spare parts, and component repairs.

United post full-year 2020 net loss of US\$7.1 billion

Since the beginning of the COVID-19 crisis, United Airlines (United) has raised over US\$26 billion in liquidity and made important progress in reducing core cash burn to ensure the company's survival. Over the last three quarters, the company has identified US\$1.4 billion of annual cost savings and has a path to achieve at least US\$2.0 billion in structural reductions moving forward. United ended 2020 with US\$19.7 billion in available liquidity, including an undrawn revolver capacity and funds available under the CARES Act loan program from the U.S. Treasury. Having stabilized its financial foundation, the company expects 2021 to be a transition year that is focused on preparing for a recovery. United has resumed heavy maintenance and engine overhauls, investments that are essential to recovery when demand returns. The combination of structural cost reduction and timely investments will help set up United to exceed its 2019 adjusted Earnings Before Interest, Taxes, Depreciation and Amortization (EBITDA) margin in 2023. The company expressed high confidence that it would achieve this target by 2023 – and said its ongoing recovery planning would help ensure the company was equipped to reach this level even sooner providing demand returns more quickly. United reported fourth-quarter net loss of US\$1.9 billion, US\$7.1 billion for the full-year 2020, and fourth quarter adjusted net loss of US\$2.1 billion, US\$7.7 billion for the full-year 2020. The airline reported fourth-quarter total operating revenue of US\$3.4 billion, down 69% versus fourth-quarter 2019. Fourth-quarter operating expenses was down 45% versus fourth-quarter 2019, down 42% excluding special charges.

Honeywell, Curtiss-Wright receive EASA certification for 25-hour cockpit recorder



The 25-hour CVR developed by Honeywell and Curtiss-Wright
Photo: Honeywell

The 25-hour Cockpit Voice Recorder (CVR) developed by Honeywell and Curtiss-Wright for the air transport market has received European Aviation Safety Agency (EASA) Technical Standard Order (TSO) certification. The new Honeywell Connected Recorder-25 meets and exceeds the requirements of the upcoming 2021 EASA minimum 25-hour cockpit voice recording mandate for aircraft weighing over 27,000 kilograms. "The importance of reliable cockpit voice and flight data recorders cannot be overstated. That's why we

are working alongside Curtiss-Wright to design and develop the next generation of recorders that leverages our full hardware and software expertise to meet the 25-hour requirement and identify the right information and make it available to accident investigation agencies when it's most needed," said Amanda King, vice president and general manager of Aerospace Connected Secure Solutions, Honeywell Connected Enterprise. "With the new regulatory requirement, we saw an opportunity to evolve our recorder technology to not only meet the conditions of governing agencies, but also make this product more powerful and better connected, providing aircraft operators with another source of data collection that can be used to improve aircraft maintenance and performance." Developed for customers that require Class 6 cockpit voice recorders, the CVR is ideal for both new installations and retrofit applications. It weighs less than 9.5 pounds (4.3 kilograms) and includes a 90-day underwater locator beacon. The recorder weighs substantially less than early-generation, rack-based, solid-state recorder alternatives, which helps significantly reduce fuel costs.

Under amended agreement Iberia now will pay €500 million for Air Europa



Mallorca-based Air Europa

Photo: AirTeamImages

International Airlines Group (IAG) and Globalia have amended the original agreement announced on November 4, 2019 (the Original Agreement) under which IAG's subsidiary Iberia has agreed to acquire the entire issued share capital of Air Europa (the Amendment Agreement). Under the terms of the Amendment Agreement, the parties have agreed that the amount to be paid by Iberia for Air Europa will be reduced from an equity value of €1 billion to €500 million (US\$1.21 billion to US\$605 million) with payment deferred until the sixth anniversary of the acquisition's completion. The revised terms in the Amendment Agreement are conditional on the satisfactory negotiation between Iberia and Sociedad Estatal de Participaciones Industriales (SEPI) regarding the non-financial terms associated with the financial support provided by SEPI to Air Europa during 2020. Iberia intends to begin discussions with SEPI shortly concerning these conditions. Assuming satisfaction of all conditions of the Amendment Agreement and the Acquisition, completion is expected to take place in the second half of 2021. The Acquisition is still subject to approval by the European Commission.

INFORMATION TECHNOLOGY

Lufthansa Technik AG has welcome **United Airlines** as the newest user of its AVIATAR platform. The airline signed a contract in late 2020 for digital support through AVIATAR for its Boeing 777 and Airbus A320 fleet, with plans to work with Lufthansa Technik to develop new predictive maintenance solutions for its Boeing 737 fleet. Combining the strengths of the world's third-largest Boeing 737 fleet operator, engineering know-how, and data expertise will lead to unique predictive maintenance solutions for United's different fleet types. United has already begun integrating AVIATAR into its existing processes and training procedures. Launched in 2017, AVIATAR is the independent platform for digital products and services developed by Lufthansa Technik.



Photo: United Airlines

OTHER NEWS



Photo: Emirates check-in desk

Emirates has partnered with the **International Air Transport Association (IATA)** to become one of the first airlines to trial the IATA Travel Pass – a mobile app to help passengers easily and securely manage their travel in line with any government requirements for COVID-19 testing or vaccine information. IATA Travel Pass enables Emirates passengers to create a 'digital passport' to verify that their pre-travel test or vaccination meets the requirements of the destination country. They will also be able to share the test and vaccination certificates with authorities and airlines to facilitate travel. The new app will also enable travelers to manage all travel documentation digitally and seamlessly throughout the travel experience. Prior to a full roll-out, Emirates will implement Phase 1 in Dubai for the validation of COVID-19 PCR tests before departure. In this initial phase, expected to begin in April, Emirates customers travelling from Dubai will be able to share their COVID-19 test status directly with the airline through

the app, even before reaching the airport, which will then auto-populate the details on the check-in system. Adel Al Redha, Emirates' Chief Operating Officer said: "While international travel remains as safe as ever, there are new protocols and travel requirements with the current global pandemic. We have worked with IATA on this innovative solution to simplify and digitally transmit the information that is required by countries and governments into our airline systems, in a secure and efficient manner. We are proud to be one of the first airlines in the world to pilot this initiative, which will provide an enhanced customer experience and conveniently facilitate our customers' travel needs."

CAE has partnered with **The LOSA Collaborative** to enhance its evidence-based training offering. Through an exclusive service agreement, The LOSA Collaborative will perform Line Operations Safety Audits (LOSA) of CAE customer-operators. The insights and data gleaned from the safety audits, combined with CAE's training data, will allow CAE to offer tailored pilot training programs and benchmarked operational and training performance insights to operators. "We are thrilled to continue to shape the future of pilot training with partnerships like the one we now have with The LOSA Collaborative. This partnership brings safety auditing expertise to our customers and will also reinforce our CAE Rise Training System™," said Nick Leontidis, CAE's Group President, Civil Aviation Training Solutions. "Collecting data and insights from line operations and training is key to the development and assessment of pilot competencies. We are bringing pilot training full circle by closing the loop between operations and training data. This enables us to further build a robust data-driven training ecosystem that will support continuous improvement, provide a true measure of the effectiveness of training, and have a positive impact on aviation safety worldwide." "The LOSA Collaborative's audit findings from 85 airlines, helicopter, and military operators around the world combined with CAE's training data will allow operators, instructional systems designers, safety and quality practitioners to focus their work on data-driven threats to aviation safety," said Dr. James Klinect, the Founder and CEO of The LOSA Collaborative. "With our partnership with CAE, we are formally bridging the gap between proactive safety data and training solutions. There is nothing else like it in the aviation industry."



Training in a CAE full-flight simulator

Photo: CAE

OTHER NEWS



Photo: Václav Havel Airport Prague

Throughout the course of 2020, a total of 3,665,871 passengers passed through the gates of **Václav Havel Airport Prague**. The operation of the airport was unprecedented due to the COVID-19 pandemic, in particular the related restrictions on travel and the worldwide decline in demand for flying. As a result, 79% fewer passengers were handled in Prague compared to 2019. In January and February 2020, there were direct flights serviced from Prague to a total of 111 destinations around the world. In the following months, the offer was limited and continued changing based on the epidemiological situation. Passengers were offered flights to up to 87 destinations on an ongoing basis. Last year, the routes to the United Kingdom were, traditionally, the most popular, with the greatest number of passengers flying to/from London. The airport is ready to resume its operations this year and continues to focus on the measures aimed at protecting both the health of passengers and airport employees. "The

airport has prepared a strategy for the fastest-possible re-launch of direct routes from Prague Airport. It primarily aims to support demand, on the basis of which airlines decide to resume operations of their routes. We cooperate with our partners and tourist boards, such as the CzechTourism, Prague City Tourism and the Central Bohemian Tourist Board, to support the incoming tourism sector. We negotiate with carriers the options of re-launching and launching air connections and provide them with up-to-date information on developments on the Czech market alongside other information. In addition, we have expanded our incentive program to motivate airlines to resume their routes and implemented a range of health-protective measures to ensure employee and passenger safety and their regaining of confidence in flying. With respect to demand for flying and the strategies of individual airlines, our 2021 priority is to resume flights to key European destinations," Vaclav Rehorek, Chairman of the Prague Airport Board of Directors, said. According to the published operating results, a total of 54,163 take-offs and landings (i.e., movements) were performed at Václav Havel Airport Prague last year. Compared to 2019, the number of movements decreased by 65%. Because of the COVID-19 pandemic outbreak, January was the busiest month of 2020, during which a total of 1,051,028 passengers were handled, representing a historical record for the first month of the year. Most people passed through the gates of Prague Airport on Friday, January 3, 2020, when a total of 49,387 people travelled via Prague. For the first time in the airport's history, the milestone of one million handled passengers was exceeded in the month of February. A partial recovery of operations took place in the summer months in connection with the improving epidemiological situation and relaxed travel conditions. In July and August 2020, Prague Airport handled approximately 600,000 passengers, confirming the rapid resumption of travel demand.

Eurowings and the **ver.di trade union** for cabin staff at **Eurowings Deutschland**, have agreed on a crisis package. The agreement with social partners and the crisis contribution of the cabin staff of Eurowings Germany is a necessary step to be able to overcome the severe crisis and secure the future of the company in the long term. Currently, Eurowings is assuming an upturn in tourism demand from summer 2021, which should lead to full employment in the Eurowings Germany cabin again for the first time. Eurowings will therefore shortly launch an application process to fill around 130 cabin jobs. This is an internal **Lufthansa Group** call for applications, which can be used to offer a new perspective to employees from the Lufthansa Group who are affected by job cuts. The exact details are the subject of current negotiations with ver.di. Employees who already fly for Eurowings Germany will initially be offered increases in working hours and internal transfers in advance of the hiring. In view of the volatile situation, Eurowings reserves the right to adjust the ramp-up of flight operations up or down over the course of the year. The exceptional situation dictates that flight capacities be planned as closely as possible to demand. With rapid market adjustments last year, Eurowings demonstrated how dynamically the company can adapt to fundamentally new situations.



Photo: Eurowings Airbus A320

OTHER NEWS



Luxembourg Airport

Photo: AirTeamImages

The **International Air Transport Association** (IATA) is encouraging member EU states to get behind a proposal from Greek Prime Minister Kyriakos Mitsotakis for the creation of a COVID-19 passport for those who have been vaccinated against the coronavirus, enabling them to travel throughout Europe without having to be repeatedly tested for COVID-19. On the back of Mitsotakis' proposal, IATA Director General and CEO Alexandre de Juniac has sent an open letter to Ursula von der Leyen, President of the European Commission, which was also copied to key policy-makers across the EU. In the letter, de Juniac said: "Prime Minister Mitsotakis' initiative should be urgently adopted by the Commission and all member states. Vaccination is a fundamental key to safely reopening borders and stimulating economic recovery. A pan-European mutually recognized vaccination certificate would be an important step towards giving governments the confidence to safely open their borders, and passengers the

confidence to fly without the barrier of quarantine." The Greek proposal is for a harmonized vaccination certificate that could contribute "to the re-establishment of mobility on a global scale, which is the foundation for re-establishing economic activity to pre-crisis levels." "We are in very dark days of this pandemic. But the tough measures taken combined with accelerating vaccination programs must give us hope that we can safely re-establish the freedom of movement. That will save jobs, ease mental anguish, re-connect families and revive the economy. To do this safely and efficiently, planning is key. Prime Minister Mitsotakis's proposal for vaccine certificates will be a key enabler. Progress on eliminating or reducing quarantines can be made with testing protocols. But what we need now is for governments to start working together much more effectively. Unilateral government actions were able to quickly dismantle global connectivity. Re-building will need coordination," de Juniac concluded.

Lufthansa Cargo will further develop and renew the logistics center at its home hub in Frankfurt on a modular basis. The Supervisory Board of the German airfreight company has approved respective investments in a comprehensive infrastructure program for the logistics center. The complete modernization of the Lufthansa Cargo Center has already begun in January 2021 and is to be completed in 2028. The cargo center in Frankfurt is Lufthansa Cargo's home hub, handling around 80% of its global freight volume. The carrier's commitment to digitalization, new product requirements and the further increasing importance of e-commerce have changed the demands on the logistics center. In the first step of the modularly planned infrastructure program, the new construction of the central high-rack storage system in the Lufthansa Cargo Center is currently in progress. In addition to new buildings, existing building sections and warehouses are also being modernized as part of the eight-year infrastructure project. The renovation and renewal of the buildings will take place during ongoing operations.



Photo: Lufthansa Cargo Center Frankfurt

INFORMATION TECHNOLOGY

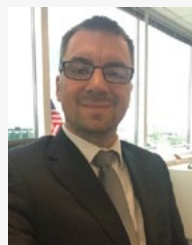
Ideagen, a global provider of software products to companies operating in highly regulated industries, has announced that **Voyageur Aviation**, a wholly owned subsidiary of **Chorus Aviation**, has become the latest customer of its Coruson product. Coruson is an enterprise risk and safety management software that delivers powerful and integrated functionality to give complete control of operational risks. It is used by market leaders in the aviation and rail industries. Steven Cespedes, Enterprise Director at Ideagen, said: "Coruson is really well suited to Voyageur's needs and I am very confident that it will help to take some of the administrative burden of safety and risk management off its shoulders and remove the potential for human error."

OTHER NEWS

Frankfurt Airport (FRA) welcomed some 18.8 million passengers in 2020, representing a decrease of 73.4% compared to 2019. With the outbreak of the Covid-19 global pandemic, the airport started to experience a major decline in passenger traffic in mid-March 2020. Between April and June, traffic almost came to a complete standstill – with weekly passenger figures plummeting by up to 98% year-on-year. Following a slight traffic recovery in the third quarter of 2020, a new rise in coronavirus infection rates led to intensified travel restrictions. This resulted in passenger numbers falling sharply once again in September and remaining low for the rest of the year. Aircraft movements at Frankfurt Airport contracted by 58.7% year-on-year to 212,235 takeoffs and landings in 2020. Accumulated maximum takeoff weights (MTOWs) shrank by 53.3% to about 14.9 million metric tons. In comparison, cargo throughput (airfreight + airmail) registered a relatively minor dip of only 8.3% year-on-year to just under 2.0 million metric tons. In December 2020, FRA's passenger traffic slumped by 81.7% to 891,925 travelers. With 13,627 takeoffs and landings, aircraft movements declined by 62.8% compared to December 2019. MTOWs were down 53.6% to about 1.1 million metric tons. Cargo throughput grew by 9.0% to 185,687 metric tons in December 2020, rising for the third consecutive month. Across the Group, the airports in Fraport's international portfolio also recorded a sharp decline in passenger traffic during 2020. However, the Covid-19 pandemic impacted the individual Group airports to varying degrees over the months. At times, regular passenger operations were even suspended at some airports (Ljubljana, Antalya and Lima). In addition, wide-ranging travel restrictions affected most of the Group airports beginning in the spring. Traffic at Slovenia's Ljubljana Airport (LJU) fell by 83.3% last year

to 288,235 passengers (December 2020: down 93.7%). The Brazilian airports of Fortaleza (FOR) and Porto Alegre (POA) together received about 6.7 million passengers, representing a 56.7% decrease year-on-year (December 2020: down 46.2%). Peru's Lima Airport (LIM) reported a 70.3% slide in traffic to around 7.0 million passengers (December 2020: down 61.6%). Serving a total of about 8.6 million passengers in 2020, the 14 Greek regional airports experienced a 71.4% plunge in traffic (December 2020: down 85.3%). Combined traffic at the Twin Star airports of Varna (VAR) and Burgas (BOJ) on the Bulgarian Black Sea coast decreased by 78.9% to about 1.0 million passengers (December 2020: down 69.7%). Antalya Airport (AYT) in Turkey registered a 72.6% decline in traffic to about 9.7 million passengers (December 2020: down 69.8%). Last year, Russia's Pulkovo Airport (LED) in St. Petersburg saw traffic drop by 44.1% to about 10.9 million passengers (December 2020: down 38.5%). Xi'an Airport (XIY) in China achieved a slight recovery in the course of the year, following a strong reduction in traffic during the spring. In 2020, XIY registered about 31.0 million passengers – a 34.2% decrease year on year (December 2020: down 14.8%).

INDUSTRY PEOPLE



Ben Hampton

Expanding its international operations, Chapman Freeborn is growing to meet the increasing demands of the air charter sector and support existing customers in the U.S. market. Chapman Freeborn's Chief Commercial Officer, **Neil Dursley** said: "I'm delighted to have **Ben Hampton** join Chapman Freeborn and head up our Northeast office. It's great news for us but also for customers with urgent needs like automotive and AOG shipments and for new customers nationwide who want to get their products into key markets around the world." With over ten years in the aviation industry, Hampton joins Chapman Freeborn as Cargo Director for the Northeastern U.S.A. Prior to joining, he was the Director of Sales for a Part 135 operator, and prior to that was the Assistant Director of U.S. Cargo for a global charter brokerage.

Acumen Aviation, a Dublin-based Aircraft Lease Management company, has appointed **Sean O'Connor** as Managing Director Americas and VP Commercial, effective

January 18, 2021. O'Connor will be based in the Acumen Aviation Americas offices in Miami, reporting to Chief Commercial Officer (CCO) **Eamonn Cronin**.



Michael Smith

West Star Aviation has appointed **Michael Smith** as the new Embraer Team Lead at its Chattanooga, TN (CHA) facility, one of four full-service locations. Smith has vast experience in the aviation industry as well as Embraer-specific experience, having previously held positions at both Boeing and Embraer. He holds an A&P license along with his IA from the FAA. In his new role at West Star, he will be responsible for line maintenance, inspections, and the logistics for non-routine maintenance services of paint, interior, and avionics.



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	DVB Bank	CFM56-5B63	3586	2008	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-100	DVB Bank	V2522-A5	2375	2005	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-100	FPG Amentum	V2527M-A5	3705	2008	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
A319-100	BBAM	CFM56-5B5/P	2129	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 415 486 6100
A319-100	BBAM	CFM56-5B5	2249	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	BBAM	CFM56-5B5/P	1362	2000	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	ALTAVAIR	CFM56-5B6/P	1102	1999	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A320	DVB Bank	V2527	4323	2010	Q2/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-200	BBAM	V2527-A5	2587	2005	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A320-200	ORIX Aviation	CFM56-5B4/3	3831	2009	Q1/2021	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	DVB Bank	V2527-A5	3734	2009	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-214	DVB Bank	CFM56-5B4/3	3767	2009	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-230	DVB Bank	V2527-A5	4552	2010	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-251neo	FPG Amentum	LEAP 1A26	8300	2018	Now	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
A321-231	DVB Bank	V2533-A5	6009	2014	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A321-231	DVB Bank	V2533-A5	6294	2014	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-200	ORIX Aviation	Trent 772B-60	1306	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A330-200	DVB Bank	CF6-80E	814	2007	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-200 (16x)	ALTAVAIR	Trent 772B-60/16	various	05-14	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A330-200	Doric	Trent 772B-60/16	1407	2013	Q1/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-200	Doric	CF6-80E1A4/B	883	2007	Q1/2021	Sale	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-300 (6x)	ALTAVAIR	Trent 772-60/19	various	09-11	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A330-300	BBAM	Trent 772B-60	1562	2014	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	Trent 772B-60	1609	2015	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	PW4168A	403	2003	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	DVB Bank	Trent 772B-6	1146	2010	Q2/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-300	DVB Bank	Trent 772B-60EP	1357	2012	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-300	DVB Bank	Trent 772B-60EP	1378	2013	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-300	FPG Amentum	Trent 772B-60EP	1427	2013	Now	Sale / Lease	Rupert Leggett	rupert.leggett@fpg-amentum.aero	+353 86 041 9902
B737-700	BBAM	CFM56-7B22	38125	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38126	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38127	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B20	32414	2002	Feb 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	DVB Bank	CFM56-7B	30659	2003	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	FPG Amentum	CFM56-7B27E	40259	2013	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	FPG Amentum	CFM56-7B26/3	35647	2009	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	FPG Amentum	CFM56-7B26/3	39162	2009	Q3/2021	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
B737-800	FPG Amentum	CFM56-7B26/3	39163	2009	Q4/2021	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
B737-800	GA Telesis	CFM56-7B26	30230	1999	Feb 2021	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B737-800	DVB Bank	CFM56-7B26E	40880	2012	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	30294	Now		Sale	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	33798	2003	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	33799	2004	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	34015	2004	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B26E	38034	2012	Q1/2021	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ALTAVAIR	CFM56-7B26	27985	2000	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B737-800	ALTAVAIR	CFM56-7B26	28382	2000	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B737-800	BBAM	CFM56-7B26	28595	1999	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800SF	GA Telesis		28826	1999	Q2/2021	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B737-800SF	GA Telesis		32903	2002	Now	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	Doric	GE90-115BL1	35592	2009	Q2/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	Doric	GE90-115BL2	36158	2009	Q2/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	DVB Bank	GE90-115B	37705	2009	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449



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THE AIRCRAFT AND ENGINE MARKETPLACE

Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200LR	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	+1(305) 759-0670 Ext.164
CRJ-700	Regional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	+1(305) 759-0670 Ext.164
(20) DHC-8-400	FPG Amentum	PW150A	multiple	2003-2011	Now	Sale / Lease	Rupert Leggett	rupert.leggett@fpg-amentum.aero	+353 86 041 9902
D0328 Jet	Regional One	PW306B	3185	2001	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	+1(305) 759-0670 Ext.164
ERJ170-100LR	Regional One	CF34-8E5	17000123	2006	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	+1(305) 759-0670 Ext.164
ERJ-145LR	Regional One	AE3007A1	145304	2001	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	+1(305) 759-0670 Ext.164
ERJ-145LR	Regional One	AE3007A1	145331	2000	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	+1(305) 759-0670 Ext.164
SAAB 2000	Jetstream Aviation Capital	AE2100A	031	1996	Q1/2021	Sale / Lease	Donald Kamenz	dkamenz@jetstreamavcap.com	+1 (305) 447-1920 x 115
SAAB 340B CRG	Jetstream Aviation Capital	CT7-9B	224	1990	Q1/2021	Lease	Bob Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102
SAAB 340B Plus	Jetstream Aviation Capital	CT7-9B	450	1998	Q1/2021	Lease	Bob Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102

Commercial Engines

Multiple Types	Sale / Lease	Company	Contact	Email	Phone
Multiple Engines GE / CFM / RB211	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
AE3007 Engines	Sale / Lease	Company	Contact	Email	Phone
(3) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
CF34 Engines	Sale / Lease	Company	Contact	Email	Phone
CF34-8E5	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
CF34-10E	Now - Lease				
CF34-8C	Now - Lease				
CF34-3B1	Now - Sale				
CF34-3A	Now - Sale / Lease				
(2) CF34-8C5B1	Now - Sale / Lease	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) CF34-3B1	Now - Sale / Lease				
(1) CF34-3B1 (dual release tag)	Now - Sale	FL Technics	Modestas Valiusevicius	m.valiusevicius@fltechnics.com	+370 6 54 96179
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
(4) CF34-10E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CF34-8C5A1	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204x202
(2) CF34-8C5B1	Now - Sale/Lease/Exch.				
(2) CF34-8E5A1	Now - Sale/Lease/Exch.				
(2) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80C2B7F	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF6-80E1A3	Now - Sale / Lease				
(1) CF6-80E1A4B	Now - Sale / Lease				
(2) CF6-80E1A4B	Now - Sale/Lease/Exch.	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
(2) CF6-80E1	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(1) CF6-80E1A4B	Now - Sale / Lease	Castlake	Stuart MacGregor	Stuart.macgregor@castlake.com	+44 207 190 6138
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-3C1 unserviceable	Now - Sale	KMS Aero	Sharon Brady	sharonbrady@kmsaero.com	+353 868161287
(2) CFM56-3B1 unserviceable					
(2) CFM56-5B (all thrust levels)	Now - Sale / Lease	Contrail Aviation	Kevin Milligan	kevin@contrail.com	+1 949-933-0797
(2) CFM56-7B (all thrust levels)					
(1) CFM56-5B4/P (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaaviation.com	+1 786 785 0787
(1) CFM56-5B5/P	Now - Lease				
(1) CFM56-5B8/P	Now - Lease				
(2) CFM56-7B26 (full QEC)	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-7B22 (with QEC)	Now - Lease				
(4) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CFM56-5B4/3	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(1) CFM56-7B24/E	Now - Lease				
(2) CFM56-5C4	Now - Lease				
(1) CFM56-7B27/B3	Now - Lease				
(2) CFM56-5B4/P	Now - Lease				
(1) CFM56-5B6/P	Now - Lease				
(2) CFM56-7B26/3	Now - Lease				

Engine Lease Finance

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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

(1) CFM56-5B3/3 PIP	Now - Lease	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(2) CFM56-7B26	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(3) CFM56-5B5/P	Now - Sale / Lease				
(2) CFM56-7B22	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(1) CFM56-3B2	Now - Sale	Nihalaero	Tejpal Singh	tejpal@nihalaero.com	+65 90260551
(multiple) CFM56-5B	Now - Sale / Lease	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1 469-628-3756
(multiple) CFM56-7B	Now - Sale / Lease				
(2) CFM56-7B26/E	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-7B24/E	Now - Lease				
(1) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(2) CFM56-5B4/P	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B22	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-5B4/P	Now - Sale / Lease				
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(2) CFM56-5B6/P	Now - Sale/Lease/Exch.				
(1) CFM56-7B26	Now - Sale/Lease/Exch.				
JT8D and JT9D Engines	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-219	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GE90 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) GE90-115B	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) GE90-94B	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) GE90-115BL (Propulsor)	Now - Lease				
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(2) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) LEAP-1A33	Now - Lease				
(1) LEAP-1A32	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) LEAP-1A26	Now - Lease				
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) PW4056-1C	Now - Sale	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW121	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW123	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(3) PW150A	Now - Sale/Lease/Exch.				
(4) PW127M	Now - Sale/Lease/Exch.				
PW119B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW119B	Now - Lease				
PW120A	Now - Lease				
PW121 (ATR)	Now - Lease				
PW124B	Now - Lease				
PW123B	Now - Lease				
PW125B	Now - Lease				
PW127F	Now - Lease				
PW150A	Now - Lease				
PW127M	Now - Lease				
PW150A RGB	Now - Lease				
(1) PW120A	Now - Sale / Lease	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW120	Now - Sale/Lease/Exch.				
(1) PW123E	Now - Sale/Lease/Exch.				
(4) PW126	Now - Sale/Lease/Exch.				
(1) PW121	Now - Sale/Lease/Exch.				
(2) PW123	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) PW120A	Now - Sale				
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610

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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-535E4	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(2) Trent 772B-60	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) Trent 772C-60	Now - Sale/Lease/Exch.				
(1) Trent-556-61	Now - Sale/Lease/Exch.				
(1) Trent 556A2-61	Now - Sale/Lease/Exch.				
(1) Trent XWB-84k	Now - Lease				
(1) Trent772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) Trent 800	Now - Sale	NihalAero	Tejpal Singh	tejpal@nihalaero.com	+65 90260551
(1) Trent 892B-17	Now - Sale	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
(1) Trent 892B-17	Now - Sale / Exchange				
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) V2522-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) V2524-A5	Now - Sale/Lease/Exch.				
(1) V2527-A5	Now - Sale/Lease/Exch.				
(1) V2527E-A5	Now - Sale/Lease/Exch.				
(1) V2527M-A5	Now - Sale/Lease/Exch.				
(1) V2530-A5	Now - Sale/Lease/Exch.				
(1) V2433-A5	Now - Sale/Lease/Exch.				
(4) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	Now - Lease				
(1) V2527E-A5 (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiair.com	+1 786 785 0787
(1) V2527-A5	Now - Lease				
(2) V2522-A5	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(2) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204
(3) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2527-A5	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(1) GTC331-500B	Now - Sale / Exchange	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
Trent 892B-17 Modules					
(2) GTC331-200ER, (2) GTC331-9A, (1) GTC331-9B	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) A321 Enhanced Landing Gear 2020 OH					
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
(1) RE220, (1) APS3200, (1) GTC331-9A	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204
(1) GTC331-9B, (1) GTC331-500B	Now - Sale / Lease				
Landing gear shipsets	Now - Sale	GA Telesis	Danielle Rodon	landinggearsales@gatelesis.com	+1 954 865 9314
737-800, A320					
767-300ER 413K, 737-300 LANDING GEAR	Now - Sale/Lease/Exch.	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GTC85-98DHF APU	Now - Sale/Lease/Exch.				
CFM56-3 LPT MODULE, REPAIRED	Now - Sale/Lease/Exch.				
CFM56-3 ENGINE STAND	Now - Lease				
(1) GTC331-150RJ, (2) GTC331-100M, (1) RE220RJ, (1) PW126 RGB, (1) PW901A	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) APS1000-C12, (1) APS1000-C3					
GTC331-9A (2), GTC331-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTC331-200, GTC331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
(1) PW901A APU	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)141 389 3014
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(1) APU T-62T-40C	Now - Sale	Castlake	Stuart MacGregor	Stuart.macgregor@castlake.com	+44 207 190 6138
(2) GTC331-9A, (3) GTC331-350, (1) APS3200		GA Telesis	John Wales	apu@gatelesis.com	+1-417-622-7215
Engine stands: CF6-80C2, CFM56-3, CFM56-5, CFM56-7, PW4000			Stephen Toutt	stands@gatelesis.com	+1-954-676-3111
(1) APU GTC131-9A, (1) APU GTC131-9B	Now - Sale / Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
Engine stands now available					
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368

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