

Weekly Aviation Headline News

WORLD NEWS

Finnair introduces long-haul from Sweden this winter

Finnair will open non-stop flight routes from Arlanda, Stockholm in Sweden to Bangkok and Phuket in Thailand and Miami in the United States for the winter season 2021/2022. All three routes will be operated with an Airbus A350 aircraft. "We are excited to meet the travel needs of our Swedish customers with a non-stop service from Arlanda to Thailand and Miami, which are among the top winter holiday destinations for Swedes", says Ole Orvär, Chief Commercial Officer, Finnair. "The new flights will strengthen our offering in the Swedish market."

Lufthansa Cargo deploys two Airbus A321s freighters

Lufthansa Cargo is investing in the expansion of its cargo capacities. From the beginning of 2022, the company will offer the market additional capacity in Europe by permanently converting Airbus 321 passenger aircraft into freighters. For this purpose, the twin-engine medium-haul aircraft will receive large cargo doors to enable the transport of containers on the main deck as well.

Qatar Airways joins IATA's Turbulence Aware platform

IATA's Turbulence Aware helps airlines mitigate the impact of turbulence, a leading cause of passenger and crew injuries and higher fuel costs each year, by pooling and sharing anonymised turbulence data from multiple participating airlines and thousands of daily flights. The real-time, accurate information enables pilots and dispatchers to choose optimal flight paths, avoiding turbulence and flying at optimum levels to maximise fuel efficiency and thereby reduce CO2 emissions.



Innovation will be key for business resilience at KQ.

Photo: Embraer

Kenya Airways launches innovation hub

To accelerate impact-driven solutions

Kenya Airways (KQ) has launched the Fahari Innovation Hub, a centre for innovation that acts as a springboard for new ideas and data-driven innovations to accelerate impact-driven solutions that address some of the societal and business challenges.

The Fahari Innovation Hub is part of KQ's strategy in contributing to the sustainable development of Africa by empowering, partnering, and co-creating innovative ideas and strategies with local start-ups and the small-medium enterprises (SMEs) ecosystem.

Kenya Airways Chief Executive Officer, Allan Kilavuka said, "At the pace at which change accelerates,

especially now in the middle of a global pandemic, we have become increasingly aware of the need to be innovative as we position the business as a resilient, forward-looking and sustainable company with a deliberate inclusive agenda

"We have become increasingly aware of the need to be innovative as we position the business as a resilient, forward-looking and sustainable company."

Kenya Airways CEO, Allan Kilavuka

of empowering, partnering and co-creating with the society around us." "Enabling an environment that will accelerate innovative ideas, knowledge exchange and impact business operations brought

together various think-tanks, industry leaders, innovators and entrepreneurs exemplifies our spirit to charge forward as we seek to innovatively find solutions that address some of our business problems and pain points," he added.

The Fahari Innovation Hub has operated virtually for about one year. With the setting of a physical workspace, the hub will provide a centre for strategic innovation management offering opportunities for co-creation, collaboration, networking, research, and learning.

Last week, the Fahari Innovation Hub curated a virtual workshop

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...continued from page 1

for entrepreneurs dubbed the 'KQ Aviation 101 Workshop' where the Fahari Innovation Challenge was launched. The workshop served to apprise start-ups and SMEs on the

opportunities available to access markets within the entire value chain of the aviation sector which includes airports, the food industry, tourism, and digitisation including

Boeing Horizon X, IATA, Kenya Tourism Board, Nas Airport Services, General Electric, Hivos East Africa, and Funkidz Limited.

AIRCRAFT & ENGINE NEWS

MTU Maintenance Hannover delivers facility's 9,000th engine to Saudi Aramco

MTU Maintenance, a global market leader in customized solutions for aero engines, has delivered the facility's 9,000th engine, a CFM56-7B from the Saudi Aramco fleet. Saudi Aramco is the largest listed, state-owned petroleum and natural gas company based in Saudi Arabia. The company has been sending CFM56 engines to MTU Maintenance since 2004 and relies on MTU for excellent technical support and cost-efficient maintenance solutions for the specific requirements generated because of the harsh environment in which they fly. MTU Maintenance also supported Saudi Aramco's CF34-8E engines before they were phased-out and has been taking care of their LM2500 industrial gas turbines since 2009.

GECAS delivers two A320neo aircraft to Air Cairo



Air Cairo is expanding its fleet with two A320neo aircraft

Photo: GECAS

Air Cairo has taken delivery of the first of two A320-200neos from GECAS, with the second expected in early August. These aircraft will expand on the Egypt-based low-cost carrier's current fleet of seven A320s. "Adding these aircraft to our all-A320 fleet will provide Air Cairo with much-needed capacity to meet the needs of our passengers," explains Hussein Sherif, Air Cairo Chairman and CEO. "We're excited to induct two more fuel-efficient A320neos and are grateful to the GECAS team for their support of our growing operations."

BOC Aviation delivers seven Boeing 737 MAX 8 aircraft to TUI



TUI Boeing 737 MAX 8

Photo: AirTeamImages

BOC Aviation has delivered the seventh of seven new Boeing 737 MAX 8 aircraft for lease to TUI Travel Aviation Finance (TUI). All aircraft are powered by CFM LEAP-1B engines. Tom Chandler, Managing Director, Fleet and Asset Management, TUI Group, said: "We are very pleased to have expanded our relationship with BOC Aviation through these financing transactions, agreed in two tranches August 2020 and October 2020, with the completion of the deliveries in time for the peak summer season. We look forward to other opportunities to work with BOC Aviation in the future. These additional Boeing 737 MAX aircraft are a valuable addition to our fleet, characterized by considerably lower fuel consumption and noise emissions than the aircraft that they replace. This contributes to our aim to reduce the environmental impact of holidays and to maintain our top ranking among the world's most carbon-efficient airlines." TUI is a world-leading tourism group. The broad portfolio gathered under the Group umbrella consists of strong tour operators, 1,600 travel agencies and leading online portals, five airlines with around 150 aircraft, over 400 hotels, 15 cruise liners, and many incoming agencies in all major holiday destinations around the globe.

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AIRCRAFT & ENGINE NEWS

Greek airline SKY express to begin fleet modernization with ATR 72-600



SKY express ATR 72-600 aircraft

Photo: ATR

Turboprop manufacturer ATR has delivered one ATR 72-600 aircraft to Greek airline SKY express. This deal represents a new country of operations for the ATR 72-600 which is currently flying in over 50 countries around the world. With a fleet of 10 ATR-500-series aircraft, the airline has opted to continue its long relationship with ATR for its fleet modernization project. When the ATR 72-600 enters service later this month, it will be the first step in ensuring continued and sustainable operations to Greece's many islands. In the context of the aviation industry's collective goal of decarbonization and with many communities reliant on-air links to supply essential connectivity, ATR aircraft represent the ideal solution to creating a more sustainable industry. The ATR 72-600 burns up to 40% less fuel and emits up to 40% less CO2 than a similarly sized regional jet. In 2019, this advantage allowed it to become the first aircraft eligible for Green Financing loans.

Airbus to showcase A350-1000 for the first time in Russia

Airbus will demonstrate its latest technological innovations and projects implemented in Russia at the International Aerospace Show which takes place in Zhukovsky from July 20 to July 25. Key attractions will be the last-generation wide-body A350-1000, which will be shown in the country for the first time, and the twin-engine EC145 rotorcraft. The A350-1000 is the largest member of the clean-sheet design A350 wide-body family, with a seating capacity of up to 440 passengers in a single class. The aircraft's state-of-the-art aerodynamics, inspired by nature, incorporate a unique morphing technology that continuously optimizes the wing profile to reduce drag and lower fuel burn and CO2 emissions. The aircraft is powered by Rolls-Royce Trent XWB 97 engines with 15% increased thrust and can fly up to 16,100 km. More than 70% of the airframe is made from advanced materials, including 53% composites. Aeroflot already operates six A350-900s. The Airbus A350-1000 will also take part in the flight program of the MAKS-2021 aerospace show from July 20 to July 22. Another highlight on static display will be the EC145 helicopter – one of the five EC145s owned by the city of Moscow and operated by the Moscow Aviation Centre (MAC). Airbus Helicopters and the Moscow Aviation Centre have been cooperating for more than 14 years. During this period, the MAC AH fleet has contributed to saving the lives of more than 6,400 patients in the territory of Moscow. Easy access to the cockpit through wide, side-sliding doors or through the rear doors, a spacious cabin, and high reliability make this helicopter the preferred choice for medical missions.



Photo: Airbus A350-1000 in flight first flight

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AIRCRAFT & ENGINE NEWS

AerCap leased, purchased, and sold 78 aircraft in second quarter of 2021



Photo: AerCap

AerCap Holdings (AerCap) has announced its major business transactions during the second quarter 2021: AerCap signed lease agreements for 51 aircraft, including 13 wide-body aircraft and 38 narrow-body aircraft. The company purchased 15 aircraft, including ten Airbus A320neo-family aircraft, four Boeing 737 MAX aircraft and one Embraer E2 aircraft. AerCap executed sale transactions for 12 aircraft, including one Airbus A330, five Boeing 737NGs, three Boeing 757s, and three Boeing 767-300ERs from AerCap's owned portfolio.

Blueberry Aviation to manage and remarket fleet of eleven ATR 72-600 aircraft

Blueberry Aviation, a leading provider of large commercial aircraft placement, investment, and lease management services, has been mandated to manage and remarket a fleet of eleven ATR 72-600 aircraft, being returned by Avianca to the financiers in the context of the airline's Chapter 11 proceedings. Blueberry Aviation is based in Monaco, Dublin, New York, and Singapore and is also one of the largest players in the pre-owned helicopter market.



Blueberry Aviation will remarket 11 former Avianca ATR 72-600 aircraft

Photo: AirTeamImages

Deutsche Aircraft and H2FLY sign MoU to explore hydrogen-powered commercial flights



Photo: Deutsche Aircraft and H2FLY plan to fly a Dornier 328 demonstrator, zero carbon emissions, hydrogen fuel cell aircraft in 2025

Deutsche Aircraft and H2FLY have announced the signing of a memorandum of understanding (MoU) to combine resources and collaborate in researching and developing hydrogen fuel cell technology for regional commercial aircraft. At the heart of the project is a Dornier 328 twin turboprop aircraft that will be converted to become a demonstrator aircraft with its maiden flight scheduled for 2025. The goal of the project is to deliver carbon-neutral hydrogen-powered regional air travel for an aircraft up to 40 seats in capacity. The joint venture plans to equip the demonstrator aircraft with a 1.5MW hydrogen system, making it the most powerful hydrogen-electric-powered aircraft to date. H2FLY has already successfully demonstrated effective hydrogen fuel cell technology with its four-seat hydrogen-electric-powered HY4 which has carried out over 70 successful take-offs and landings, and which has a range of 750km. The project will also see the two companies combine to integrate the power system into the aircraft as well as defining the specific technical and certification requirements for fuel cell systems in

EASA's large aircraft class ("CS25"). The project is designed to complement the German Federal Government's Aviation Strategy. Commenting on the announcement, Prof. Dr. Josef Kallo, co-founder and CEO, H2FLY, said: "Flying provides an incredibly important opportunity for humankind, but today that opportunity comes at a significant cost to our planet. Hydrogen fuel cell technology provides an opportunity for us to completely eliminate carbon and NOx emissions from regional flights and the technology to make that happen is closer than most people think."

MRO & PRODUCTION NEWS

APOC acquires four young Boeing 737 airframes from large U.S. legacy carrier

APOC has purchased four Boeing 737 airframes for teardown from a large U.S.-based legacy carrier. Built in 2008/9 the airframes have single operator traceability and were fully active until the outbreak of the COVID-19 pandemic. The aircraft are currently being parted-out in Marana, Arizona. According to Jasper van den Boogaard, VP Airframe Acquisition & Trading at APOC, the company continues to secure investment for the right assets. "APOC was quick to seize this multi-million-dollar opportunity and we had secure financing in place to close the deal. Despite the constraints of COVID-19, we are very pleased to have closed this important deal. As airlines seek to right-size their fleets to balance demand with new inductions, opportunities will emerge to divest certain assets. When multiple airframe deals are under discussion it is important for airlines and lessors to co-operate with like-minded partners, such as APOC, who understand the dynamics in today's changeable marketplace." The A320- and 737-family aircraft APOC seeks are those equipped with the latest modifications. So, securing young vintage airframes is key to ensuring that the company's growing parts inventory, which will be located at its stock hubs in The Netherlands, Singapore, and Miami, comprises the most desirable components.

GA Telesis signs repair management agreement with Air Astana

GA Telesis (GAT) has announced the signing of a repair management agreement with Air Astana, the flag carrier of Kazakhstan. The agreement covers repair services for spare parts, components, and tooling in support of the Air Astana fleet, which encompasses Boeing 767, Airbus A320/A321, and Embraer E-190 aircraft types. The agreement is a supplemental support contract driven by the Flight Solutions Group's Eurasia office, headed by Mehmet Gökhan Doğan, Sr. Vice President. Doğan commented: "I am very happy to further develop our existing agreements signed with Air Astana. They remain one of our key strategic partners in Eurasia with whom we have an existing Airbus A320/A321neo flight-hour agreement. This new repair management agreement will be supported by our MRO Services Group and allows us to improve on the customer's efficiency while lowering costs on a larger scale for enhanced operational excellence."

S7 Technics launches first automated plant for production of Airbus aircraft panels in Russia

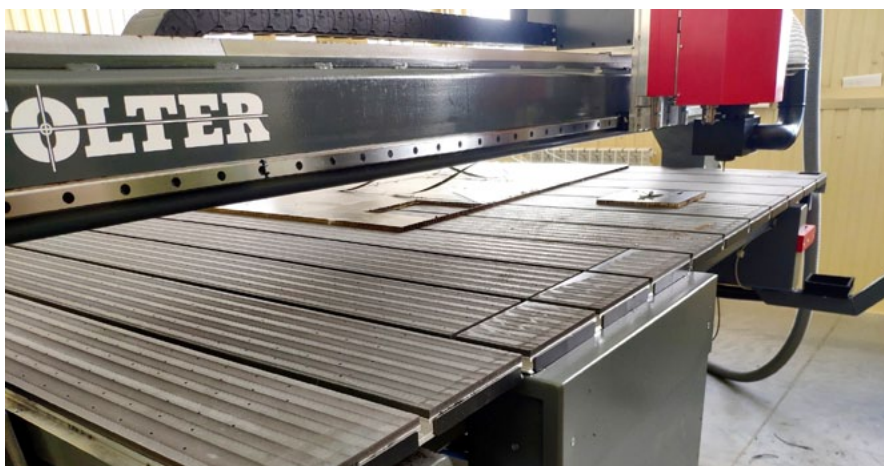


Photo: S7 will produce Airbus aircraft panels with its CNC machine

Within the framework of the new production area at the S7 Technics base in Mineralnye Vody, floor panels and interior panels for Airbus aircraft cabins will be produced. With an additional production area of 42 m², it will be possible to produce from ten to 20 products per working shift. Aircraft panels will be manufactured from composite materials approved by aircraft manufacturers by milling on a high-precision computer numerical control (CNC) machine made by the Czech company Volter. The complex work, starting with graphic processing (creating a 3-D model of panels, preparing programs for CNC machines) and ending with certificate release for a finished product, will be performed by experienced S7 Technics specialists who have already completed the training in working with CNC equipment and programming. The pre-requisites for the creation of such a production area were plans to automate part of the work of the S7 Technics' structural repairs department. Previously, the panels were made by hand tools by the specialists of the aircraft structural repair shop. With the addition of the production area, S7 Technics has reduced the financial and time costs for panel production. For comparison, the purchase of ready-made panels from OEM companies is 20-30% more expensive, and it also takes a significant time for their delivery.

Satair and AES sign global multi-year distribution agreement

Satair, an Airbus Services company, and AES Aircraft Elektro/Elektronik System GmbH have signed a multi-year distribution agreement for selected part numbers designed for the Airbus aircraft cabin. The agreement covers global distribution rights on an exclusive basis for 23-part numbers including direct light supply in the galleys and lavatories, mood lighting in bar units, and the switch mode power supplies used in various areas of the aircraft cabin to power applications. AES GmbH is an international company serving customers in the aviation, space, and maritime industries. The company's product portfolio includes, but is not limited to, aircraft cabin electronics, comprehensive electrical engineering services, electronic design, and certification services.

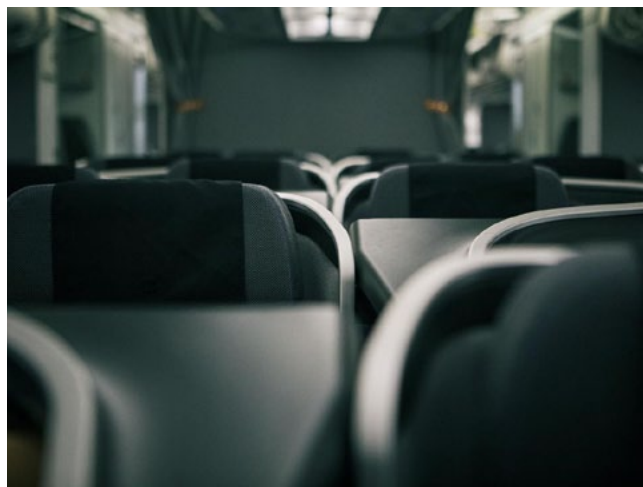


Photo: Satair and AES have signed a distribution agreement

MRO & PRODUCTION NEWS

MTU expands MRO network with new site in Serbia

On July 5, MTU Aero Engines began construction work on its new repair facility for MTU Maintenance Serbia. With this step, the company is expanding its existing MRO network. At the new site in Nova Pazova, near Belgrade, MTU Maintenance Serbia, a wholly owned subsidiary of MTU, will focus exclusively on the repair of commercial engine parts. MTU Serbia plans to start operations at the end of 2022. "Commercial maintenance business accounts for more than 60% of our business volume – and the trend is rising. The new facility in Serbia will add efficiency to our high-performance network of MRO locations in Europe, Asia, and North America," explains Michael Schreyögg, MTU Aero Engines' Chief Program Officer. "The ramp-up of this additional capacity in Serbia is an essential element in our ability to offer competitive services in the global market. MTU stands for quality and reliability among partners and customers. The basis for this is professional training and development, which has been the focus of our efforts in Serbia since the beginning of our project. We greatly appreciate the excellent support and partnership of the Serbian government." Over the past two years, MTU has worked with the Serbian Ministry of Education to develop the Aviation Academy in Belgrade into a leading training center for aviation professions. In line with the quality standards of the aviation industry, job profiles specially tailored to engine technology were implemented as early as September 2020, and the first MTU Maintenance Serbia specialists have now been trained. Additionally, employees are also already learning additional skills in on the job training at MTU locations in Germany and Poland. At present, MTU Maintenance Serbia has more than 60 employees on board. Over the next few years, the number of employees at the site is expected to grow to around 500.



MTU's future facility in Serbia

Photo: MTU

Significant U.K. R&D program positions Dowty Propellers for world-beating, sustainable, next-generation hybrid platforms

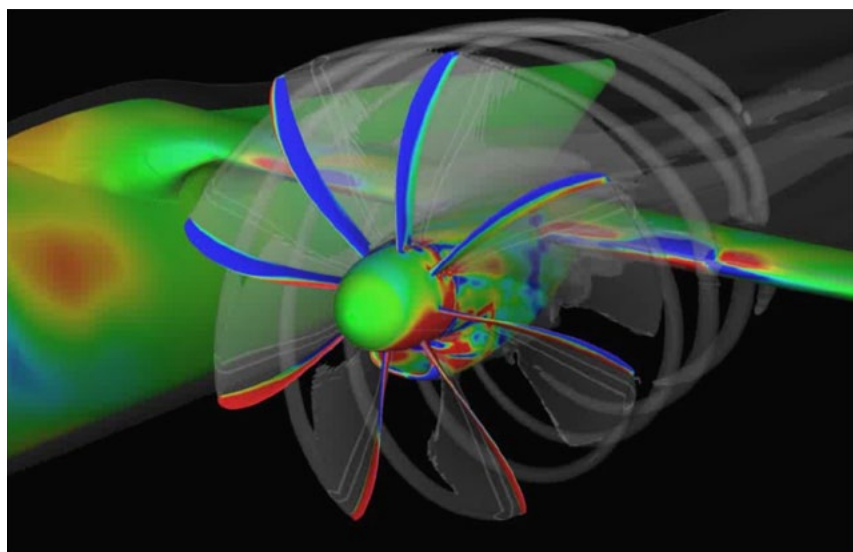


Photo: Dowty Propellers Digital Propulsion

Dowty Propellers, a global leader in composite propeller systems, has announced the successful completion of its largest-ever propeller R&D program. Dowty led the four-year Digital Propulsion (DigiProp) research and development program in collaboration with three of seven of the U.K.'s High Value Manufacturing Catapult centers. This was an ambitious £20 million (US\$27.6 million) project, part funded by the U.K. government, that sought to innovate every aspect of the design, manufacture, and testing of its propeller systems. Dowty Propellers collaborated with three U.K. innovation centers on the DigiProp project. The National Composites Centre (NCC), The Manufacturing Technology Centre (MTC) and The University of Sheffield's Advanced Manufacturing Research Centre (AMRC); all members of the High Value Manufacturing Catapult. The partners offered subject matter expertise on both established and emerging technologies, allowing Dowty Propellers to unlock some of the best next-generation capabilities and innovations

that the U.K. has to offer. "This project has delivered innovations in propulsion performance and cost through design and productivity which has helped to transform R&D for propellers," said Mark Scully, Head of Technology for Advanced Systems & Propulsion at the Aerospace Technology Institute. "With the assistance of the High Value Manufacturing Catapult partners, the manufacturing innovation has been deployed into the new state-of-the-art Dowty facility in Gloucester. This provides an excellent foundation for Dowty and the U.K. to secure future sustainable aerospace opportunities." Dowty Propellers is now beginning to use the next-generation technologies realized in DigiProp for evolving aircraft applications and to target next-generation platforms. Potential customers are benefiting from its ability to support customer attribute trade studies with short turnaround time on performance analysis.

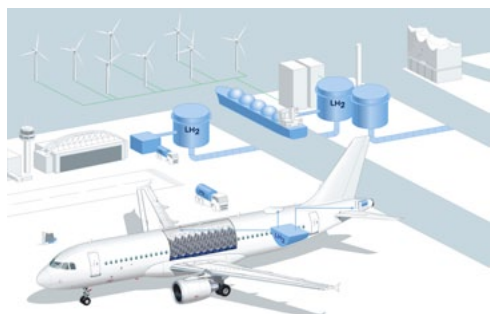
MRO & PRODUCTION NEWS

Israel Aerospace Industries to establish first passenger-to-freighter conversion site in Europe

Israel Aerospace Industries' (IAI) Aviation Group has agreed to establish a passenger-to-freighter conversion site to convert the Boeing 737-700/800 with Atitech at Atitech's MRO center in Naples, Italy, following the rise in demand for cargo aircraft of this model. The cargo conversion site in Italy will join two existing cargo conversion sites in China. Atitech is a veteran global company with extensive experience in aviation and is certified by the Federal Administration Agency (FAA Part 145) and the European Union Aviation Safety Agency (EASA Part 145). The MRO center will supply solutions for maintenance and aircraft renovation, plus converting passenger aircraft to cargo configuration. In addition, it will provide training and support in licensing and registration. The establishment of the center is a testament to IAI's growing impact around the world.



Photo: IAI and Atitech to establish a conversion center in Naples, Italy (Gianni Lettieri President Atitech and Yossi Melamed Executive VP of IAI and General Manager of Aviation Group)



The graphic depicts examples of potential fields of application for liquid hydrogen in and on future aircraft (blue arrows) as well as at the airport (ground vehicles) and its periphery (refueling systems).
Photo: Hamburg Marketing

Hamburg makes aviation fit for hydrogen

The aerospace industry in Hamburg is preparing for flying with hydrogen. Therefore, the starting signal has now sounded for the set-up of a new development platform. Over the next two years and with funds provided by the city of Hamburg, Lufthansa Technik, together with the German Aerospace Center (DLR), the Center for Applied Aeronautical Research (ZAL), and Hamburg Airport will design and test extensive maintenance and ground processes involving handling hydrogen technology. For this purpose, an aircraft of the Airbus A320 family will be converted into a stationary laboratory at Lufthansa Technik's base in Hamburg. Liquid hydrogen (LH2) is increasingly being more concretely envisaged in the development departments of large aircraft manufacturers as a sustainably producible fuel for future generations of commercial aircraft. In order to investigate the effects of the use of LH2 on maintenance and ground processes at an early stage, Lufthansa Technik, DLR, ZAL, and Hamburg Airport are now pooling their extensive practical and scientific expertise. The aim is to jointly develop a pioneering demonstrator, and to operate it from 2022. As the world's third-largest aviation location, the Free and Hanseatic City of Hamburg is funding the research project with the largest single item in its special program to mitigate

the economic impact of the coronavirus pandemic on the aviation industry. In the first phase of the project, by the end of 2021 the partners aim to identify the most urgent fields of development for closer scientific examination and, on this basis, to elaborate the concept for subsequent practical testing. The practical implementation of the concept will start at the beginning of 2022. In parallel, a virtual environment is being created at DLR that will be used to achieve digital and highly accurate mapping of the defined development fields. The new development platform will provide inspiration for the design process of the next generation of aircraft by means of parameterized and highly accurate virtual models.

FL Technics obtains EASA Supplemental Type Certificate for cargo carriage aircraft modification capabilities in passenger cabin

FL Technics continues with its decisive development of the business tailored to current and future demand in the markets. This time it is the company's DOA team who received an important approval of capabilities to change aircraft interior design by creating cargo carriage capacity on the passenger cabin floor. Such an aircraft modification is considered as major and requires extensive knowledge and technical expertise to be certified by the EASA. However, a rigorous process of approval, that takes up to six months to complete, is worth the effort as it allows FL Technics to provide crucial service to airlines and lessors. Due to the COVID-19 pandemic, partial cargo conversion of passenger aircraft has become increasingly popular as operators need to opt in for freight services and support delivering goods and medical supplies worldwide. This new STC enables maximizing cargo capacity without full aircraft conversion to a freighter. The scope of obtained certification covers one of the most popular aircraft currently in service – the Boeing 737- and has already been applied to the B737-800 fleet conversion project for one of FL Technics trusted clients.



Loading of cargo to the freight aircraft

Photo: FL Technics

FINANCIAL NEWS

Lufthansa Group secures further liquidity on capital market

Deutsche Lufthansa AG has again successfully issued a bond with a total volume of €1 billion. The bond, with a denomination of €100,000, was placed in two tranches with a term of three and eight years respectively, and a volume of €500 million each: the tranche with a term until 2024 bears interest at 2.0% per year, the tranche maturing in 2029 3.5%. With the placement of the last corporate bond in February 2021, the Group already secured the refinancing of all financial liabilities due in 2021 and repaid the KfW loan of €1 billion ahead of schedule. The long-term funds now raised will be used to further strengthen the Lufthansa Group's liquidity. As of March 31, the Group had cash and cash equivalents of €10.6 billion (including uncalled funds from the stabilization packages in Germany, Switzerland, Austria, and Belgium). At that time, Lufthansa had used around €2.5 billion of the €9 billion government stabilization packages. In addition to this bond issue, the Lufthansa Group is continuing to prepare for a capital increase. The net proceeds would contribute to the repayment of stabilization measures of the German Economic Stabilization Fund (ESF) and to the restoration of a sustainable and efficient long-term capital structure. The Executive and Supervisory Boards have not yet taken a decision on the size and timing of a possible capital increase. In addition, approval by the ESF for this must be obtained. (€1.00 = US\$1.18 at time of publication.)

StandardAero completes acquisition of Signature Aviation's Engine Repair and Overhaul business

StandardAero has received all required regulatory approvals and officially completed its acquisition of Signature Aviation's Engine Repair and Overhaul (ERO) business. Signature's ERO business is an engine maintenance, repair and overhaul (MRO) provider made up of the following five entities: Dallas Airmotive, H+S Aviation, W.H. Barrett Turbine Engine Company, International Governor Services (IGS) and International Turbine Service (ITS). ERO is headquartered in Dallas, Texas, with two overhaul facilities, (one in Dallas and the other in Portsmouth, England), ten regional turbine centers, one component MRO site and two parts/distribution facilities. Like StandardAero, ERO is an OEM-aligned engine MRO services provider. ERO employs approximately 1,100 people with annual revenues approaching US\$500 million. Its customers include regional airlines, commercial transportation providers, corporate flight departments, private operators, government agencies, and defense departments. The newly combined company now has nearly 6,600 employees in 55 locations across six continents.

MILITARY AND DEFENCE

Israel Aerospace Industries sells dozens of drone guard systems to South Asian country

Israel Aerospace Industries (IAI), through its ELTA Systems group, is delivering dozens of Drone Guard (CUAS) systems to a country in South Asia. The unique multi-sensor multi-layer ELI-4030 Drone Guard system is one of the most capable battlefield-proven systems, providing the ability to detect, classify, identify, and defeat drone attacks. IAI develops and manufactures the Drone-Gard System from start to finish including



Drone Guard

Photo: IAI

the advanced radar capabilities. The Drone Guard system handles hundreds of targets simultaneously and provides a solution to multiple evolving threats worldwide. The system's advantage derives from the multi-layer implementation concept using a high-resolution 3-D X-Band radar, a key for drone-detection, an integrated COMIN ESM, multi-channel jamming and high-resolution EO/IR with integrated AI capabilities. Drone Guard is a comprehensive solution for protection of all kinds of installations as well as maneuvering forces.

Boeing to support Royal Air Force Poseidon fleet and train crews for next five years



Poseidon P-8A aircraft

Photo: Boeing

Boeing and the U.K. Ministry of Defence have signed an agreement for Boeing to support the Royal Air Force's (RAF) fleet of Poseidon MRA1 maritime patrol aircraft and train the crews that operate them. Under the aircraft and training support contract, valued at US\$321.6 million (£233.5 million), Boeing will provide maintenance services, spares and repairs, including tools and ground support equipment, as well as supply chain management, forecasting, and inventory management, and airworthiness services for the RAF's P-8 fleet. The training element of the contract will offer a suite of training systems and courseware to prepare aircrew and maintainers to safely and effectively operate and maintain the fleet. Boeing will provide the flight instructors to train P-8A pilots, and under the terms of a subcontract, Burgess Hill-based CAE U.K. will create more jobs in the U.K. to provide rear crew and engineering instructors, and console operators and controllers who will perform role-playing and support functions during training and mission rehearsal exercises. These agreements will create 150 jobs in the U.K., including more than 100 at RAF Lossiemouth in northern Scotland. Boeing employees are already working alongside RAF personnel at the station in Moray, supporting the current fleet of five Poseidons.

OTHER NEWS



Photo: Chinggis Khaan International Airport officially opened on July 4.

Mitsubishi Corporation (MC), **Narita International Airport Corporation** (NAA), **Japan Airport Terminal Co.**, (JAT), and **JALUX** (JALUX) have announced that the New **Ulaanbaatar International Airport** (Official name: **Chinggis Khaan International Airport**) has been officially opened to the public on July 4, 2021. The new airport will be operated by the partners' joint venture with the Mongolian government that was established in 2019. Under the terms of its concession agreement with the government, New Ulaanbaatar International Airport LLC (NUBIA) will be in charge of airport operations for the next 15 years. The new airport was originally scheduled to commence operations in 2020, but the opening was delayed because of the COVID-19 pandemic. All assets have now been safely transferred from the old airport (Buyant-Ukhua International Airport), thereby readying the new airport for flights and passenger traffic. Although the pandemic has significantly reduced air travel in Mongolia, demand for flights is expected to increase over the medium to long term, particularly in Ulaanbaatar, the country's capital and center of its political and economic activity. The new airport will likely play an increasingly prominent role over the coming years. In operating the new airport, NUBIA will be taking advantage of the combined expertise of its four shareholders. MC boasts a strong track record in airports and other infrastructure projects in Japan and around the world, while NAA and JAT operate Narita International Airport and the passenger terminal buildings at Haneda Airport respectively. JALUX is engaged in airport retail businesses and also has experience managing overseas airports. In addition to prioritizing passenger safety, security and comfort, NUBIA plans to leverage the new airport to increase the number of routes and flights servicing Ulaanbaatar, develop attractive in-terminal commercial facilities, and otherwise enhance the new airport's services and profitability. While maintaining all precautions to prevent the spread of COVID-19, NUBIA is committed to building on a facility that is already being heralded as a symbol of bilateral cooperation between Japan and Mongolia, and in operating the new airport efficiently, the joint venture will do its best to contribute to the sustainable development of Mongolia's economy and society.



Photo: BA

British Airways, **Virgin Atlantic** and **Heathrow Airport** have joined forces to prove that it is possible to quickly and easily verify those arriving into the U.K. are fully vaccinated against the COVID-19 coronavirus – an identification process already in place for outbound travel to several countries. Earlier this week, Germany became the latest country to confirm it would accept fully vaccinated U.K. travelers without the need to quarantine. The new U.K. proving trial, enabling inbound travelers to present their fully vaccinated status, will support the Government to move forward with its plans to remove quarantine for double-jabbed passengers entering the U.K. from 'amber list' countries. The initiative will see fully vaccinated volunteers travelling on selected flights from Athens, Los Angeles, Montego Bay, and New York to London Heathrow showing proof of their vaccine status. The trial aims to reassure the Government that airlines and airports can check vaccine status upstream and away from the border, ensuring no further pressure in U.K. immigration halls. Those taking part in the trial will be able to use a dedicated arrivals lane at the border and British Airways customers will be able to access a discounted rate for the mandatory arrival tests. Internationally recognized vaccination credentials will be accepted in the proving trial including the NHS app, CDC card, U.S. state-level digital certification, and EU Digital Covid Credential. British Airways will also support customers' vaccine verification through the VeriFLY app and Virgin Atlantic customers can verify their vaccine certificate through a new digital uploader tool, developed in partnership with Delta Air Lines and backed by TrustAssure™ technology. As the proof-of-concept develops, the options for customers to show vaccine status will rapidly be expanded across physical, digital, and integrated formats, including IATA Travel Pass.

OTHER NEWS

Spirit Airlines is leading Orlando International Airport's resurgence with newly announced plans to offer more than 80 departures per day from the airport by the end of 2021. South Florida-based Spirit Airlines unveiled the largest schedule it has ever operated from Orlando, including new flights to destinations stretching

from New Hampshire to the Dominican Republic, along with reinstating the balance of its international operation. Altogether, Spirit guests will have roughly 20 additional flights and ten new destinations to choose from each day compared to two years ago. The airline's Orlando operations will be 45% greater than they were at the end of 2019 once the new routes and resumptions come online.



Photo: Swissport supports Aeromexico at Bergstrom International Airport, Austin

handling of Aeromexico flight AM 2686, arriving from Mexico City (MEX) on July 1, Swissport successfully started operations at Bergstrom International Airport (AUS) in Austin, Texas. In Austin, Swissport teams up with its U.S. subsidiary Hallmark, responsible for passenger services such as check-in and gate, whereas Swissport's own staff will be serving airline customers on the ramp with services like the loading and unloading of baggage, fueling, aircraft, cleaning, and movement of aircraft/pushback.

Starting this July, **Swissport** will be offering airport ground services at **Austin Bergstrom International Airport** (AUS). The Texas airport adds to Swissport's dense U.S. network of 44 airports in 25 states. Austin is Swissport's first opening of a new U.S. airport location in six years, underlining its growth ambitions as the industry recovers from the COVID-19 pandemic. With the

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INDUSTRY PEOPLE



Marco Willa

- Swiss International Air Lines (SWISS) has named **Marco Willa** as its new Head of Regional Sales Switzerland. In his new function, which he will assume on September 1, Willa will be responsible together with his team for the sales, distribution management, and distribution services of all the airlines of the Lufthansa Group within the Swiss market. Willa will report to both **Jürgen Siebenrock**, Head of Area Management Home Markets Lufthansa Group, and SWISS Chief Commercial Officer **Tamur Goudarzi Pour**. He succeeds **Jürg Christen**, who will be taking early retirement at the end of August. Marco Willa has been serving in the air transport sector since 2008. He assumed his present position,

heading the Lufthansa Group's sales and distribution team for the U.K., Irish, and Icelandic markets at their London (U.K.) base, in 2017.



Diederik Pen

- WestJet has announced the appointment of a new Executive Vice-President and Chief Operating Officer (COO), **Diederik Pen**, who will join the airline's executive leadership team in the early fall, following the completion of the immigration process. At that time, acting interim COO, **Robert Antoniuk** will take on a new role as Chief Safety, Health and Environment Officer. Pen has more than 25 years of aviation-industry experience in the Asia-Pacific and European regions, and joins WestJet most recently from Wizz Air, a fast-growing,

ultra-low-cost business, where he was Chief Operations Officer.



Toshiyuki Takada

- Blueberry Aviation, the specialist aircraft trading and management company, has further expanded its team with the appointment of **Toshiyuki Takada** as Senior Consultant Japan, based in Tokyo. Toshiyuki has over 30 years' experience in commercial aircraft finance, leasing, and trading. He worked for NatWest for eight years and spent the following 25 years working for Sumitomo Corporation, FPG, and Sumitomo Mitsui Finance and Leasing Co. (SMFL) in commercial aviation finance, where he sourced and sold various aircraft transactions and structured tax lease, and ECAs financing for airlines and lessors.



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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	FPG Amentum	V2527M-A5	3705	2008	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
A319-100	BBAM	CFM56-5B5/P	2214	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-112	Deucalion Aviation Limited	CFM56-5B6/3	3586	2008	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A319-131	Deucalion Aviation Limited	V2522-A5	2375	2005	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.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	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	Deucalion Aviation Limited	V2527-A5	3734	2009	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-200	GA Telesis	CFM56-5B6/3	5393	2012	Now	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-200	GA Telesis	V2527-A5	2152	2004	Now	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-214	Deucalion Aviation Limited	CFM56-5B4/3	3767	2009	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-230	Deucalion Aviation Limited	V2527-A5	4552	2010	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-232	Deucalion Aviation Limited	V2527	4323	2010	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-232	ALTAVAIR	V2527-A5	4621	2011	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Q3/2021	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
A321	Deucalion Aviation Limited	V2533-A5	7015	2015	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A321	Deucalion Aviation Limited	V2533-A5	7180	2015	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A321-231	Deucalion Aviation Limited	V2533-A5	6009	2014	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A321-231	Deucalion Aviation Limited	V2533-A5	6294	2014	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.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	Deucalion Aviation Limited	CF6-80E	814	2007	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-200 (9x)	ALTAVAIR	Trent 772B-60/16	various	05 - 07	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A330-200	Doric	Trent 772B-60/16	1407	2013	Now	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-200	Doric	CF6-80E1A4/B	883	2007	Now	Sale	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-300 (3x)	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	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	Deucalion Aviation Limited	Trent 772B-6	1146	2010	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-300	Deucalion Aviation Limited	Trent 772B-60EP	1357	2012	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-300	Deucalion Aviation Limited	Trent 772B-60EP	1378	2013	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-700	BBAM	CFM56-7B22	38125	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38126	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B20	32414	2002	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	GA Telesis		34300	2006	Now	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	
B737-8	Orix Aviation	CFM LEAP-1B	42825	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42826	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42827	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42828	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42829	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42830	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42831	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42832	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42833	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42835	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	63971	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	64992	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-800	FPG Amentum	CFM56-7B27E	40259	2013	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	Deucalion Aviation Limited	CFM56-7B26E	40880	2012	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	Deucalion Aviation Limited	CFM56-7B26	30294	2004	Q4/2021	Sale	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	Deucalion Aviation Limited	CFM56-7B	30659	2003	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B26E	38034	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	BBAM	CFM56-7B27E	40242	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039

RegionalOne

Engine Lease Finance



MAGELLAN
AVIATION GROUP

THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Jet Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	BBAM	GE90-115B	41081	2012	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	ALTAVAIR	GE90-115B	34597	2006	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B777-300ER	ALTAVAIR	GE90-115B	39686	2013	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B777-300ER	Doric	GE90-115BL2	36158	2009	Now	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	Deucalion Aviation Limited	GE90-115B	37705	2009	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B787-8	Deucalion Aviation Limited	Trent 1000G	35304	2013	Now	Sale	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B787-8	Deucalion Aviation Limited	Trent 1000G	35305	2013	Now	Sale	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B787-9	Orix Aviation	Trent 1000	63316	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B787-9	Orix Aviation	Trent 1000	63321	2019	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451

Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200F	Regional One	CF34-3B1	7452	2000	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200LR	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-700	Regional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
D0328 Jet	Regional One	PW306B	3185	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ170-100LR	Regional One	CF34-8E5	17000123	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007A1	145304	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007A1	145331	2000	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
SAAB 2000	Jetstream Aviation Capital	AE2100A	031	1996	Now	Sale / Lease	Donald Kamenz	dkamenz@jetstreamavcap.com	+1 (305) 447-1920 x 115
SAAB 340B CRG	Jetstream Aviation Capital	CT7-9B	224	1990	Nbow	Lease	Bill Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102
SAAB 340B Plus	Jetstream Aviation Capital	CT7-9B	450	1998	Now	Lease	Bill 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				
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
(2) CF34-10E6 Full QEC	Now - Sale / Lease	DASI	Joe Hutchings	joe.hutchings@dasi.com	+1 954-478-7195
(1) CF34-10E5A1 Full QEC	Now - Sale / Lease				
(4) CF34-10E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CF34-8C5A1	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(2) CF34-8C5B1	Now - Sale/Lease/Exch.				
(3) 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
(1) CF6-80C2B1F	Now - Sale/Exchange	Chromalloy Asset Management	Hema Krishan	hkrishan@chromalloy.com	+1 845-587-7102
(1) CF6-80C2B1F	Q3/2021 - Sale/Exchange				
(1) CF6-80C2B6F	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiair.com	+1 786 785 0787
(2) CF6-80E1	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.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



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B4/P (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaaviation.com	+1 786 785 0787
(1) CFM56-5B5/P	Now - Lease				
(1) CFM56-5B6/P	Now - Lease				
(1) CFM56-5B1/3	Now - Lease				
(1) CFM56-5B1/P	Now - Lease				
(1) CFM56-5B2/P	Now - Lease				
(2) CFM56-7B26 (full QEC)	Now - Lease				
(1) CFM56-7B27	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-7B24/3	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
(3) CFM56-5B4/3	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(2) CFM56-7B24/E	Now - Lease				
(2) CFM56-5C4	Now - Lease				
(1) CFM56-7B27/B3	Now - Lease				
(3) CFM56-5B4/P	Now - Lease				
(1) CFM56-7B26/3	Now - Lease				
(2) CFM56-7B26	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) CFM56-5B5/P	Now - Sale / Lease				
(2) CFM56-7B22	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(multiple) CFM56-5B	Now - Sale / Lease				
(multiple) CFM56-7B	Now - Sale / Lease	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1 469-628-3756
(2) CFM56-7B26/E	Now - Lease				
(1) CFM56-7B26/3	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B24/E	Now - Lease				
(1) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P	Now - Sale / Lease				
(1) CFM56-7B22/3	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-5B4/P	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.				
(2) CFM56-5B6/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(1) CFM56-7B27	Now - Sale/Lease/Exch.				
GE90 Engines	Sale / Lease	Company	Contact	Email	Phone
(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) PW4062-3	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaaviation.com	+1 786 785 0787
(1) PW4062-3	Now - Sale / Exchange				
(1) PW4060-3	Q3/2021 - Sale/Exchange	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
PW Small Engines	Sale / Lease				
(1) PW121	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(2) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(8) 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				

THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(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.				
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 1000-J3	Now - Lease				
(1) Trent XWB-84k	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) Trent772B-60	Now - Lease				
(1) Trent 892B-17	Now - Sale			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.	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) V2533-A5	Now - Sale/Lease/Exch.				
(1) V2527-A5	Now - Sale/Lease/Exch.				
(4) V2533-A5	Now - Lease		Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) V2527-A5	Now - Lease				
(1) V2527-A5	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) V2527-A5	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiairline.com	+1 786 785 0788
(1) V2527E-A5	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(2) V2522-A5	Now - Lease				
(2) V2527-A5	Now - Lease	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(2) V2527-A5	Now - Sale/Lease/Exch.				
(3) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2527E-A5	Now - Lease				
(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	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	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) A321 Enhanced Landing Gear 2020 OH				
Neutral CFM56-7B QEC Kit	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
(1) RE220, (1) APS3200, (1) GTC331-9A	Magellan Aviation Group	Drew Megorden	drew.megorden@magellangroup.net	+1 704-340-0273
(1) GTC331-9B, (1) GTC331-500B				
A320 Landing gear shipsets	GA Telesis	Danielle Rodon	landinggearsales@gatelesis.com	+1 954 865 9314
(2) GTC331-350, (5) GTC331-9A	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(1) APS3200, (2) GTC331-9B				
(1) GTC331-150RJ, (2) GTC331-100M, (1) RE220RJ, (1) PW126 RGB, (1) PW901A	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) APS1000-C12, (1) APS1000-C3				
GTC331-9A (2), GTC331-9B(2)	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTC331-200, GTC331-250				
APS500C14(3), APS1000C12(2), APS2000	ASi Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
APS2300, APS3200(2), APS5000(2)				
PW901A(4), PW901C(2)	GA Telesis	Stephen Toutt	stands@gatelesis.com	+1-954-676-3111
TSCP700-4E				
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(5) GTC331-9A, (1) GTC331-9B, (1) GTC331-200				
(2) GTC331-350, (2) GTC331-500, (1) APS3200B, (1) APS3200C	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000				
(1) APU GTC331-9A	Now - Sale / Lease	Now - Lease	Now - Lease	Now - Lease
Engine stands now available				
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Now - Lease	Now - Lease	Now - Lease