

Weekly Aviation Headline News

WORLD NEWS

Air Seychelles to establish connection with Kazakhstan

Air Seychelles will mark another historic milestone this August by operating for the first time into Kazakhstan's largest metropolis and most popular cultural hub, Almaty. The series of new charter flights, to be operated by the airline's A320neo jetliner of 168 seats, is expected to bring over 500 visitors to the Seychelles, each spending 10 nights on a combination of the main island, Mahe, along with Praslin and La Digue, taking part in various activities.

Emirates launches Dubai-Miami passenger services

Emirates has launched its first ever passenger services between Dubai and Miami. The airline will subsequently operate its three-class Boeing 777-300ER on the route, featuring eight private suites in First Class, 42 lie flat seats in Business Class and 304 spacious seats in Economy Class for the four times a week service. The new service will also add to the existing trade connections provided by Emirates SkyCargo, the freight division of Emirates, which has been operating passenger freighter services to Miami since October 2020.

AeroMexico to add 12 new aircraft to fleet

Aeromexico is working to continue adding new aircraft to its fleet and plans to add 12 new Boeing 737 MAX aircraft. The arrival is expected to begin next October. These aircraft are in addition to the 28 that the company announced last April, making a total of 40 new aircraft to increase its fleet, replace other aircraft and improve connectivity. Aeromexico's current fleet is comprised of 118 aircraft: 47 Embraer 190s, 53 Boeing 737s, and 18 Boeing 787 Dreamliners.



American plans to operate more than 150 new routes this summer.

Photo: American

American Airlines returns to profit

Record liquidity and confidence in recovery

American Airlines Group reported its second-quarter 2021 financial results in which the Group generated a second-quarter net profit of \$19 million and ended the second quarter with approximately \$21.3 billion of total available liquidity, a record for the company. Also, the company plans to pay down approximately \$15 billion of debt by the end of 2025.

"We have taken a number of steps to solidify our business through our Green Flag Plan and it shows in our second-quarter results," said American's Chairman and CEO

Doug Parker. "We have reshaped our network, simplified our fleet and made our cost structure more efficient, all to create an airline that

"We have reshaped our network, simplified our fleet and made our cost structure more efficient."

Doug Parker, American's Chairman and CEO

will outperform competitors and deliver for customers."

American plans to operate more than 150 new routes this summer, including several new destinations and greater connectivity in Miami,

Austin, Texas, and Orlando, Florida. During the summer season, American expects to fly more than 90% of its domestic seat capacity and 80% of its international seat capacity, in each case as compared to 2019.

The airline has scheduled 10 new domestic and four new international destinations from Austin for this autumn because of increased customer demand. American and its partners will offer the most options in Austin this autumn, with nearly 100 peak day departures, the airline states.

Continued on page 3

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...continued from page 1

The company continued to launch Covid-19 testing tools to make flying safer and easier, including self-administered and packable home tests and working with VeriFLY to expand the app's capabilities to include Covid-19 vaccination verification, which is now available

in 11 countries, with more planned in the third quarter. The airline reports that traveller usage of VeriFLY has quadrupled since the first quarter and the app can be used at expedited check-in lanes at most U.S. hub airports.

American and JetBlue have continued to roll out benefits for travellers to create a seamless customer experience. Starting this autumn, AAdvantage elite and TrueBlue Mosaic members will also begin to access benefits across both carriers.

AIRCRAFT & ENGINE NEWS

flyadeal receives first brand-new Airbus A320neo aircraft



flyadeal has received the first out of thirty new Airbus A320neo aircraft

Photo: Airbus

Low-cost Jeddah-based airline flyadeal, owned by Saudi Arabian Airlines, has taken delivery of a brand new A320neo, the first out of 30 to be delivered in the next three years. The aircraft is the first out of 65 A320neo-family aircraft ordered by Saudi Arabian Airlines at the Paris Airshow 2019, and will join flyadeal's all-Airbus fleet. Powered by CFM LEAP-1A engines, the A320neo will offer flyadeal outstanding operational, economic, and environmental performance. flyadeal's A320neo is configured with 186 seats in a comfortable all-economy-class layout and the A320neo is the ideal aircraft for flyadeal to grow and expand its domestic and regional network. Demonstrating the operational flexibility of the A320neo, the aircraft will allow the airline to efficiently enhance its operations to additional networks and foster closer links with countries across the region and beyond.

Cessna Citation Longitude achieves EASA certification

Textron Aviation's flagship Cessna Citation Longitude super-midsize business jet has achieved certification from the European Aviation Safety Agency (EASA), clearing the way for customer deliveries to begin in the region. "In the second half of last year we saw a substantial increase in super-midsize flight activity across Europe as individuals relied on these products as a transportation solution," said Tom Perry, Vice President Sales, EMEA, Textron Aviation. "The introduction of the Longitude to the European market will fulfil the international travel needs of many of our customers, while providing them peace of mind and convenience for both their business and personal travel." The largest jet in the Cessna Citation line-up, the Longitude was designed with business travel and return on investment at the forefront, with the lowest direct operating cost of any super-midsize jet. Capable of flying from Geneva to Dubai or Rome to New Delhi, the Longitude offers class-leading comfort, the quietest cabin in class, and advanced connectivity for those focused on staying productive in the air. The Cessna Citation Longitude super-midsize business jet is designed, produced, and delivered by Textron Aviation.



The Cessna Citation Longitude jet has achieved EASA certification

Photo: Textron Aviation

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TARMAC SOLUTIONS

AIRCRAFT & ENGINE NEWS

Pratt & Whitney Canada advances sustainable hybrid-electric propulsion technology

Pratt & Whitney Canada (P&WC), a business unit of Pratt & Whitney, has announced plans to advance its hybrid-electric propulsion technology and flight demonstrator program as part of a CA\$163 million (US\$128 million) investment, supported by the governments of Canada and Quebec. "Pratt & Whitney Canada is proud to be a leader toward ever more sustainable aircraft propulsion technologies and be an integral part of Canada's green recovery plan," said Maria Della Posta, President, Pratt & Whitney Canada. "With a long-time commitment to sustainability and as Canada's top aerospace investor in research and development, having invested CA\$500 million (US\$394 million) annually, we are driving economic growth, innovation, and workforce expertise to benefit the environment. Hybrid-electric technology has an important role to play in enabling the next step-change in efficiency for aircraft engines, and we are uniquely positioned to demonstrate this potential." The new hybrid-electric propulsion technology will drive significant improvements in aircraft efficiency by optimizing performance across the different phases of flight, allowing the demonstrator to target a 30% reduction in fuel burn and CO2 emissions, compared to a modern regional turboprop airliner. P&WC is working with De Havilland Aircraft of Canada (De Havilland Canada) to integrate this hybrid-electric technology into a De Havilland Canada Dash 8-100 flight demonstrator. This demonstrator will include an advanced electric motor and controller from Collins Aerospace, also a Raytheon Technologies business. Combining advanced technologies developed by P&WC and Collins, this project is a successor to Project 804, launched in 2019 as a joint development program between the two companies and provides a solid foundation for this new demonstrator program to build upon. P&WC will target ground testing in 2022, leading to flight testing of the Dash 8-100 demonstrator in 2024.



Photo: P&WC is working with De Havilland Canada to integrate hybrid-electric technology into a De Havilland Canada Dash 8-100 flight demonstrator

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AIRCRAFT & ENGINE NEWS

AviaAM Leasing adds first 737-800 Boeing Converted Freighter to its fleet



Photo: AviaA Leasing has added the first 737-800 BCF to its fleet

AviaAM Leasing, a global aviation holding company engaged in tailored aircraft leasing and trading services, has welcomed the first 737-800 Boeing Converted Freighter (BCF) to its fleet. The passenger-to-freighter (P2F) conversion project was the first of its kind for the company. Having acquired the aircraft in March 2021, AviaAM Leasing used the opportunity to begin strengthening its position in the freighter aircraft market. With a commitment to having ten 737-800 Converted Freighters by mid-2022, the completed conversion on the company's first Boeing 737-800 aircraft is a major step forward for the aircraft lessor. The 737-800 Boeing BCF underwent the P2F conversion works at the Taikoo (Shandong) Aircraft Engineering Company Limited (STAECO) facility in Jinan (TNA), China. The converted freighter has already been ferried to Kaunas, Lithuania, where a C Check is being performed, with the further aim of repainting the airframe into the future lessee's paint scheme. Following final touch-ups, the aircraft will be ready for delivery in mid-August 2021. A second 737-800BCF is already undergoing P2F conversion work at GAMECO, Guangzhou Aircraft Maintenance Engineering, and after successful completion of the conversion process will be delivered to its ultimate tenant in the later stages of 2021.

Airbus delivers first A350 from wide-body completion and delivery center in Tianjin

Airbus has delivered the first A350 from its wide-body completion and delivery center in Tianjin (C&DC), China, taking additional steps in the expansion of its global footprint and long-term strategic partnership with China. The A350-900 aircraft was delivered to China Eastern Airlines, the largest Airbus operator in Asia. At the end of June 2021, China Eastern Airlines operated an Airbus fleet of 413 aircraft, including 349 A320-family aircraft, 55 A330-family aircraft and nine A350 aircraft. Located at the same site as the Airbus Tianjin A320-family final assembly line and the Airbus Tianjin delivery center, the widebody C&DC covers the aircraft completion activities, including cabin installation, aircraft painting and production flight test, as well as customer flight acceptance and aircraft delivery.



The First A350 aircraft delivered from Tianjin, China

Photo: Airbus

MTU Maintenance Berlin-Brandenburg inducts first CFM56-7B engine



MTU Maintenance Berlin-Brandenburg has inducted the first CFM56-7B engine

Photo: MTU

MTU Maintenance Berlin-Brandenburg has received German aviation authority (LBA) approval for the CFM56-7B engine and inducted the first engine of this type on July 21. It is now the third facility within the MTU Maintenance network capable of servicing this engine type and plans to ramp up to at least 50 engines per year in the coming years. "The CFM56-7B engine will be a key program for the next decade," says Michael Schreyögg, Chief Program Officer, MTU Aero Engines. "This introduction will increase the flexibility within our network to serve customer needs, builds on synergies within MTU Maintenance, and ensures volume for our facility in Berlin-Brandenburg."

AIRCRAFT & ENGINE NEWS



Photo: Hi Fly's new Airbus A330 aircraft

Hi Fly adds one more A330-300 to its fleet

Hi Fly airline has added one more Airbus A330-300 aircraft to its fleet. Msn 1779 and registered 9H-HFA, touched down at Beja airport in Portugal, having flown in from Malta, on July 21. With comfortable interiors, warm colors, and a relaxed atmosphere, the aircraft seats 249 passengers in a two-class configuration (46 high-comfort business-class seats with flat beds and 203 economy seats). This new addition to Hi Fly's fleet is equipped with Rolls-Royce Trent engines and state-of-the-art technology and finishing, with a maximum take-off weight of 242 tons. The aircraft will also be available to customers in the cargo version, offering a volume capacity of 250 m³ and a maximum cargo capacity of 53.500 kg, with a maximum range of 11.400 km and 180 min Extended-range Twin-engine Operational Performance Standards (ETOPS). The combination of volume, payload, and range makes the A330 an unique product in the marketplace for the transport of cargo,

when availability of freighters is insufficient to cover market needs. As a modern jetliner with advanced Airbus technology that includes fly-by-wire flight controls, this A330-300 wide-body offers a highly capable platform for cargo flights.

Single-engine Denali aircraft joins Beechcraft turboprop family

Textron Aviation is re-aligning its turboprop aircraft line-up as the single-engine Beechcraft Denali (previously branded the Cessna Denali) joins the legendary twin-engine Beechcraft King Air 260 and King Air 360/360ER as part of the company's high-performance turboprop product line-up. The aircraft development program continues to progress toward a first flight anticipated later this year. The Beechcraft Denali is designed to outperform its competition with projected lower operating costs, Garmin G3000 avionics, and the largest cabin in its class. Engineered to achieve cruise speeds of 285 knots with a full-fuel payload of 1,100 pounds, the Denali will have a range of 1,600 nautical miles at high-speed cruise with one pilot and four passengers. The Beechcraft Denali development program has achieved multiple milestones throughout the past six months as it continues to gain momentum toward its first flight. Earlier this month, the first Full Authority Digital Engine Controlled (FADEC) GE Aviation Catalyst engine was installed on the first Beechcraft Denali prototype airframe and the aircraft was powered on for the first time. Engine runs are anticipated in August, followed by a first flight for the aircraft projected for later this year. Two other Denali flight test articles are also in development. Three additional ground test articles will be used for the airframe static and fatigue tests, and for cabin interior development and testing. The company anticipates certification for the Denali in 2023.



The single-engine Beechcraft Denali will join the twin-engine Beechcraft King Air 260 and King Air 360/360ER product line-up
Photo: Textron Aviation



Photo: Embraer E90-E2 aircraft

Embraer delivers 34 jets in second quarter of 2021

Brazilian planemaker Embraer has released its operating figures for the second quarter of 2021. Of the 34 jets delivered, 20 were executive jets and 14 were commercial aircraft. Of the executive jets delivered, 12 were light aircraft and eight were large. In what represented a return to pre-pandemic levels, as at June 30, the backlog of firm orders totaled US\$15.9 billion, a 12% increase on the first-quarter 2021 backlog. Jets delivered included seven E175s and seven E195-E2 in the commercial segment, with one Phenom, 100, 11 phenom 300s in the light executive jet segment, together with three Praetor 500s and five Praetor 600s in the large executive jet section. The current backlog of commercial jets includes 30 E195-E2 jets which was an order from a previously undisclosed customer, but which was revealed on July 12 to be Canada's Porter Airlines. During 2Q21, Switzerland's Helvetic Airways took delivery the first of four new E195-E2 aircraft,

having ordered 12 E-Jets E2s to support its fleet renewal initiative: eight E190-E2s (already in service) and four E195-E2s (converted from the original E190-E2 order). The airline also holds purchase rights for a further 12 aircraft. In the executive aviation segment, during 2Q21, Embraer delivered its 600th Phenom 300 to Superior Capital Holdings in Arkansas. Embraer also delivered the first limited-edition Phenom 300E as part of the Duet collaboration with Porsche to an undisclosed customer in Florida. Embraer completed the first conversion of a Legacy 450 to a Praetor 500 jet in Brazil, which was delivered to an undisclosed customer. The conversion work was carried out at Embraer's Service Center in Sorocaba, Brazil. With this delivery, Embraer has now converted 20 Legacy 450s into Praetor 500s in Europe, North America, and now Brazil.

AIRCRAFT & ENGINE NEWS

Bezos and three crew enjoy successful sub-orbital flight aboard New Shepard



Wally Funk, who was one of the original Mercury 13 group of women who trained with NASA to become astronauts, was one of the four crew members on the New Shepheard
Photo: Blue Origin

On the anniversary of Neil Armstrong’s and “Buzz” Aldrin’s moon landing in 1969, Jeff Bezos and three fellow crew members successfully completed a 10-minute ten-second suborbital flight aboard Blue Origin’s New Shepard, reaching a maximum altitude of 66.5 miles (107 km). Describing the event as “Best day ever,” Bezos was accompanied by his brother Mark Bezos, Oliver Daemen who is a recent high school graduate, and the pioneering female aviator 82-year-old Wally Funk who was one of the original Mercury 13 group of women who trained with NASA to become astronauts in the 1960s, but the program was cancelled and none of the 13 flew. The spacecraft, New Shepard, was named after Alan Shepard, the first American in space and it reached a top speed of 2,233 miles per hour (3,595 kph) and exceeded the Karmen line, set at 62 miles above the Earth’s surface and defined by an international aeronautics body as the boundary between the Earth’s atmosphere and space. This exceeded the altitude achieved by Sir Richard Branson on July 11 and his Virgin Galactic Unity spacecraft which has a maximum achievable altitude of 55 miles (99 km). Unlike Branson’s spacecraft,

New Shepard was pilotless and resembled more a space rocket as opposed to an aircraft like Unity. Once New Shepard’s capsule containing the four crew members had separated from the booster rocket, they were able to enjoy a short period of weightlessness, after which the capsule returned to earth under parachutes, with a retro-thrust system expelling a “pillow of air” being deployed for a soft landing. These two successful spaceflights have given greater credibility to the space tourism industry, with Swiss Bank UBS estimating it will have a US\$3 billion value in annual sales in ten years’ time. Currently Bezos has sales of approximately US\$100 million for flights aboard Blue Origin’s New Shepard, while Sir Richard Branson has sold 600 flights aboard Virgin Galactic’s Unity at US\$250,000 a seat for a total value of US\$150 million.

MRO & PRODUCTION NEWS

HAECO harnesses advanced livestream technology to complete remote on-wing modification with OEM

HAECO Group has leveraged its new remote inspection technology to complete the on-wing modification of nacelles in close collaboration with an original equipment manufacturer (OEM). The modification was conducted by Base Maintenance’s 24/7 On-wing Structure Support (OSS) team at HAECO Hong Kong’s maintenance hangar in Chek Lap Kok. Both the airline customer and the OEM expressed complete satisfaction with the work performed, which represented the culmination of months of preparation and teamwork involving multiple parties. The circumstances presented by the COVID-19 pandemic revealed the increasing importance of digital innovation. Turning a challenging situation into an opportunity, the OSS team introduced remote digital inspection to ensure a seamless live collaborative environment between the Hong Kong-based HAECO maintenance team and the OEM technical support teams based in Singapore and the United States. HAECO’s remote inspection system includes voice-controlled goggles (a hands-free device equipped with a camera and screen, approved for use in hazardous environments) paired with a communication interface that can be accessed from any computer or mobile device. This software allows each party connected to the system to see through the mechanic’s eyes at any time to ensure their work meets expected safety and quality standards. With their hands-free smart glasses, mechanics or inspectors can also follow digital workflows in the field, take inspection pictures, share files, and capture field data.



Photo: HAECO remote on-wing modification

MRO & PRODUCTION NEWS

Alaska Airlines and AAR team up to create Flow Through program for tomorrow’s aviation maintenance technicians



AAR and Alaska Airlines team up to create a pipeline for qualified airline maintenance technicians *Photo:AAR*

All nations’ airlines rely on professional maintenance technicians to ensure airplanes safely and compliantly travel across the country, but demand for qualified airline maintenance technicians (AMT) will outpace supply as early as 2022. Over the next 20 years, Boeing forecasts 739,000 technicians will be needed globally, and 192,000 needed in North America alone. To fill these highly skilled positions, Alaska Airlines is teaming up with AAR CORP, a leading provider of aviation maintenance services, to create a pipeline for qualified airline maintenance technicians for the Seattle-based airline. The Flow Through program is the first of its kind between an airline and an aviation services provider to focus on education and career training and to recruit new workers from diverse backgrounds. Under the program, applicants complete their training and feed into a role at an AAR maintenance facility. If the applicant is in good standing and has completed three years with AAR as an aircraft technician, they qualify to apply for a career opening at Alaska and are guaranteed an interview. Alaska has 14 maintenance staff bases across its network. “The Aviation Maintenance Technician shortage continues to grow as so many are retiring or

leaving the business,” said Stan Mayer, general manager at AAR Airframe Maintenance in Oklahoma City, OK. “We believe the Alaska Airlines Flow Through agreement will help to attract new and upcoming technicians, and with our 19-year relationship, it only makes sense to help each other.”

Embraer and CommutAir sign pool program agreement

Embraer has signed a long-term pool program agreement with CommutAir, a United Express carrier, to support the airline’s ERJ 145 jet fleet. This new contract includes full repair coverage for components and parts, as well as access to a large stock of components at Embraer’s distribution center in Fort Lauderdale, Florida. Currently, the pool program supports more than 50 airlines worldwide. With a total of 168 aircraft under lease, CommutAir now maintains the largest ERJ 145 fleet, recently becoming the sole regional partner to operate the ERJ145 for United Airlines. Under this agreement, CommutAir and United will consolidate their ERJ 145 spare component inventory with Embraer’s pool program to improve stock levels and reliability. In April 2021, CommutAir selected Embraer Aircraft Maintenance Services (EAMS) in Macon, Georgia, as one of its primary heavy maintenance providers for the airline’s fleet of ERJ145 aircraft. The agreement includes airframe maintenance, modifications, and repair services.

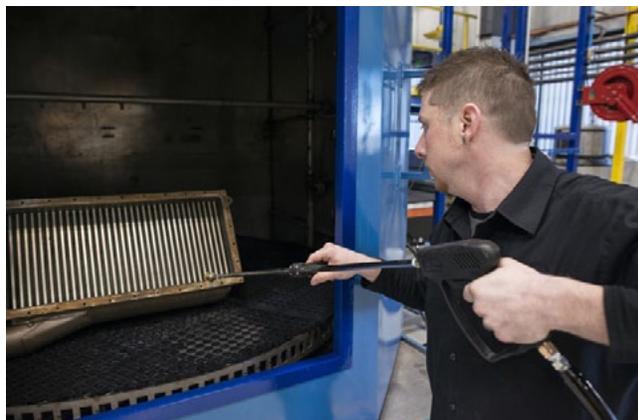


CommutAir, a United Express carrier, has signed a pool program agreement with Embraer *Photo: Embraer*

AES awarded EASA STC for installation of Bluebox W-IFE on Airbus A320 variants

Aerospace Engineering Solutions (AES), a U.K. and Ireland aerospace design and certification organization, has been awarded the Supplemental Type Certificate (STC) for the installation of the aircraft-powered version of Bluebox Aviation System’s wireless in-flight entertainment (W-IFE) system, Bluebox Wow, by the European Union Aviation Safety Agency (EASA). Recently issued by EASA, this latest STC (No. 10076801) applies to all Airbus A320 variants with an added feature of an automatic pause on PA functionality that pauses playback in the event of announcements from the flight deck or cabin crew. AES believes this certification will open opportunities to provide aircraft operators of single-aisle, and wide-body aircraft in the future, with Bluebox’s aircraft-powered W-IFE units. The installation is simple with wiring to the W-IFE units easily accessible via the panels in the aircraft cabin. Utilizing aircraft power eliminates the need for the logistical management of batteries and still offers a considerably lighter and lower-cost system than fully fitted W-IFE.

Liebherr welcomes HAECO as new partner for heat exchanger servicing



Cleaning of a heat exchanger *Photo: Liebherr Aerospace*

Liebherr-Aerospace has built up an international service network of partners in order to improve the operational availability of heat transfer equipment. The company has established test and cleaning capabilities as close as possible to flight operations around the globe. Together with Liebherr-Aerospace, those partners assure

unique OEM quality with highest product reliability. The HAECO Group is the latest company to join this network to support customers in the Asia Pacific Region. Established in Hong Kong in 1950, the company has developed its industrial capabilities to now perform tests and cleaning of heat exchangers manufactured by Liebherr-Aerospace for the Airbus A320 aircraft family.

MILITARY AND DEFENCE

First Aviation announces expansion of S-70 Blackhawk rotor blade capability

Piedmont Propulsion Systems, a wholly owned subsidiary of First Aviation Services, has received an amendment to its Limited Airframe Rating with S-70 capabilities from the FAA, enabling the company to perform all maintenance, repair, and overhaul (MRO) services for S-70 / UH-60 Blackhawk main rotor blades. This capability adds to Piedmont Propulsion’s existing approvals to perform MRO services for the Blackhawk main rotor hub and bifilar, and Van Horn Aviation 206/OH-58 Tail Rotor Blades, and adds to the company’s many decades of experience in propeller blades and hub assemblies for all leading propeller product lines. Piedmont Propulsion’s sister company Aviation Blade Services is a leading independent MRO facility supporting Blackhawk and other legacy Sikorsky rotor blades.

FINANCIAL NEWS

TOPCAST acquires Shanghai AML Aviation Technologies to bolster mainland China MRO Service burgeoning growth

Topcast Aviation Supplies (TOPCAST), a global leader in aircraft parts distribution and MRO services, has completed the acquisition of AML Aviation Technologies (AML), a Civil Aviation Administration of China (CAAC)-approved aircraft components maintenance company located in Shanghai. AML was established by Aviation Industry Corporation of China in 2002. With diverse testing facilities and repair capabilities, the core services include testing, repair, modification, and overhaul of air conditioning, communication, battery, cabin, fuel, hydraulic and pneumatic, light, water, and waste handling systems. TOPCAST onshore MRO service centre in Shanghai can provide a lower cost, faster turnaround time and more environmentally friendly service to minimize carbon footprint through reduced cross-border logistics. “In longer-term, TOPCAST will set up a warehouse in Shanghai to complement for smooth operations and will implement a dedicated pooling program for lower life cycle costs from the initial core units from each airline customer,” said Steve Chua, Managing Director, Global MRO of TOPCAST. Shanghai is the hub city for seven commercial airlines and six cargo carriers, accounting for 2,165 aircraft, 59% of the national market size. This merger and acquisition will further underpin TOPCAST’s leading status of an MRO service provider in the region.

MRO & PRODUCTION NEWS

Sine Draco Aviation Development inducts prototype A321-200 SDF for heavy-maintenance visit

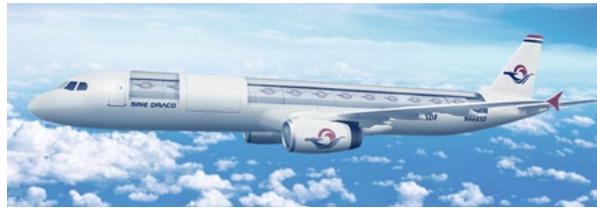


Photo: Sine Draco A321-200 SDF rendering

Sine Draco Aviation Development (Sine Draco) has reported that its prototype A321-200 SDF has been inducted for a six-year heavy-maintenance check at Ascent Aviation Services in Tucson, Arizona. Conversion of

the prototype airplane to the all-cargo configuration is planned to take place immediately following the heavy maintenance check. The Sine Draco A321-200 SDF passenger-to-freighter conversion offers the optimal economic solution for the next-generation narrow-body freighter. Its design includes installation of a 142-inch-wide by 86-inch-high main deck cargo door, Class E main deck cargo compartment with fourteen 88-inch by 125-inch container positions. The lower cargo compartments can also accommodate ten containers, with the A321 being the first airplane type in the narrow-body freighter class with this capability. The six-year heavy-maintenance visit includes a comprehensive list of maintenance tasks to be accomplished ensuring that the airplane is maintained in accordance with the Airbus A321 Maintenance Planning Document (MPD). Inspections and repairs of aircraft structure, systems and avionics, and replacement of the legacy flight management guidance computer with FMS Thales R1A, and FG 2G standard will be completed. During maintenance in September 2020, an Automatic Dependent Surveillance–Broadcast (ADS-B) Out system and overhauled main and nose landing gear were installed. Sine Draco is a multi-national corporation with headquarters in Nanchang, Jiangxi Province, China with a subsidiary in Bellevue, Washington, U.S.A.

MILITARY AND DEFENCE

Draken Europe and Collins Aerospace collaborate on next-generation air combat training systems

Draken Europe and Collins Aerospace have signed an agreement that will introduce Collins Aerospace’s Joint Secure Air combat training System (JSAS) for use with Draken’s Falcon 20 fleet in support of operational readiness training for the Royal Air Force and Royal Navy. The solution is comprised of aircraft-mounted JSAS pods plus a ground station, built in cooperation with Leonardo



Draken Falcon 20

Photo: Collins Aerospace

DRS, and offers advanced, high-capacity, low-latency, and multi-hop mesh networking using a software defined radio hosting multiple waveforms providing key enablers to achieve secure, LVC, multi-domain collective training. With the first systems delivered to Draken Europe’s headquarters, these pods based on CRIIS (Common Range Integrated Instrumentation System), already extensively used by the USAF and USN for training and analysis, will be cleared for flight on the Falcon 20 fleet, with first trials by the end of 2021. As part of Draken’s current operational readiness training contract with the MOD, JSAS pods will enable near-real-time combat training information to be viewed at the aircraft base and be ready for de-brief immediately after landing. This interoperability is made possible by the Multiple Independent Levels of Security (MILS) architecture that ensures that classified data is protected while it is shared across platforms with the same security levels. The system will be upgraded over time with a variant of the next-generation Tactical Combat Training System – Increment II (TCTS II) pods enabling fully encrypted interoperability with all coalition platforms across legacy P5 and future P6 Air Combat Maneuvering Instrumentation (ACMI) waveforms.

FINANCIAL NEWS

Platinum Equity to acquire global aerospace supply chain services provider Unical Aviation

Platinum Equity has signed a definitive agreement to acquire Unical Aviation Inc. and certain of the company’s affiliates (Unical), a leading provider of aircraft parts and components to the global commercial aerospace market, from affiliates of the company’s founders. The acquisition includes Unical Aviation, Unical MRO, Unical 145, and Unical Aero. Unical Defense Inc., an affiliate that serves government defense contracts, is not included in the sale to Platinum Equity. The transaction is expected to close during the third quarter of 2021. Financial terms were not disclosed. Platinum Equity, a Los Angeles-based global investment firm with more than US\$25 billion of assets under management, has substantial experience investing in supply chain and logistics businesses, including in the aerospace sector. The firm currently owns Incora, a global aerospace and defense supply chain service provider based in Fort Worth, Texas. Unical will operate as a standalone company in Platinum Equity’s portfolio.

BAA Training secures €31 million financing for global expansion

BAA Training has announced it will be getting financing for its global expansion provided by U.K. Export Finance (UKEF) and U.S. Apple Bank for Savings. Two companies belonging to Avia Solutions Group (ASG) – BAA Training and ASG Asset Management – were involved in signing the agreements with the financial institutions. The deal, worth €31 million (US\$36.5 million), is one of the most significant agreements for the Lithuania-based company throughout its existence. It will facilitate the acquisition of ten new simulators used for aviation training manufactured by L3Harris Technologies, two Boeing 737 MAX full-flight simulators (FFSs) and eight fixed-base training devices (FTD Level 2) – Airbus A320 and Boeing 737 family. The training simulators will be installed at BAA Training’s brand-new facility in Barcelona – BAA Training Spain.

Shares in airlines hammered as U.K. implements another last-minute travel rule change

Shares in airlines have been hit hard as a result of yet another last-minute U.K. travel rule change. This time the British government announced on Friday that it was no longer considering allowing fully vaccinated arrivals from France without going into quarantine owing to the spread of

OTHER NEWS



VoloPort

Photo: Malaysia Airports

Malaysia Airports has signed a tripartite memorandum of understanding (MoU) with **Skyports**, the designer and operator of vertiport infrastructure for electric air taxis, and **Volocopter**, the pioneer of Urban Air Mobility (UAM). As a first step, the parties will combine their distinct aerospace and aviation expertise to conduct a feasibility study examining suitable vertiport solutions to enable the safe take-off and landing of passenger eVTOL vehicles, considering factors such as demand, customer flow, and how to integrate UAM operations. The Asia Pacific region is expected to capture around 45% of the advanced air mobility (AAM) market by 2035, translating to US\$9.5 billion. The outcome of this venture will be a game-changer in terms of air travel offerings. The collaboration forms part of the five-year Sultan Abdul Aziz Shah Airport, Subang (L TSAAS) regeneration plan. It will explore the deployment of revolutionary electric air taxi services at L TSAAS as well as other locations throughout Malaysia, putting the country amongst the leaders in the region in terms of willingness to implement UAM. Malaysia Airports’ Group CEO, Dato’ Mohd Shukrie Mohd Salleh, said: “Air taxi technology and revolution is the next big thing that we want to see happen in Malaysian aviation. With L TSAAS offering a synergistic ecosystem within the aviation and aerospace sectors, it is timely for us to explore this new service as it complements other key developments of the regeneration initiative. Volocopter and Skyports are both leaders in their respective fields of advanced air mobility and we hope to further futureproof L TSAAS’s position in Asia Pacific by catering to research, assembly, manufacturing, maintenance, repair, and overhaul (MRO) in addition to air taxi operations. Our objective is to provide end-to-end, mid-to-high-value capabilities and solutions that are anchored by top-tier operators.”



Horizon Bombardier Dash 8 aircraft

Photo: AirTeamImages

Horizon Air pilots, represented by the **Airline Professionals Association**, Teamsters Local 1224 (IBT), have voted to ratify a new wage agreement. IBT represents Horizon’s more than 800 pilots. The agreement, which passed with 74% of the vote, includes competitive wage increases aimed to attract and retain pilots. Airline employees are covered by the Railway Labor Act, so labor agreements do not expire; they become amendable and remain in effect until a new contract is ratified. Horizon Air is a subsidiary of **Alaska Air Group** and flies to 63 cities across the United States, Canada, and Mexico.

FINANCIAL NEWS

a new variant of the coronavirus in France. As this is not the first time Britain has made last minute changes to travel regulations during the pandemic, there is now concern there will be even more changes and as a consequence people are being discouraged from booking flights to and from the U.K. This is despite fully vaccinated people now being able to travel throughout Europe, of which the U.K. is no longer a member state. easyJet shares, whose largest market is the U.K., were down almost 6% in midday trading Monday, while IAG was down 4%, and TUI and Jet2 down more than 3%. Over the last three months, stocks in those airlines have fallen 20% with the emergence of new variants of the COVID-19 coronavirus and continual changes to travel rules that killed off any chance of a bumper summer for airlines. There is also concern that the U.K. could treat Spain and Greece in a similar manner, both extremely popular travel destinations for U.K. holidaymakers. EasyJet Chief Executive Johan Lundgren said Britain's traffic light system, which classifies countries as green, amber or red depending on their COVID-19 risk level, was "falling apart", resulting in confusion and uncertainty. The U.K.s travel industry recovery is lagging behind that of its European counterparts as U.K. flight numbers are down 65% on pre-pandemic levels for July 12, 2019. Figures for France, Germany, Spain and Italy are currently between 30% and 45% lower when compared to the same period in 2019. June passenger numbers for Heathrow Airport show that it is operating at 90% of its pre-pandemic numbers.

INFORMATION TECHNOLOGY

AdaCore, a trusted provider of software development and verification tools, has announced that **Collins Aerospace** has selected AdaCore's QGen code generator for Simulink®/Stateflow® models, and the new TQL-1 Enterprise Qualification Package, to advance the development of their FAA-certifiable Perigon™ computer, which is designed to support the future flight control and vehicle management needs of commercial and military rotary/fixed-wing platforms. By using the TQL-1 release of QGen, Perigon™ software developers can save thousands of hours of testing, verification, and certification efforts, while providing additional safety guarantees to their customers. With the adoption of the QGen Enterprise Qualification Package, Collins is now able to streamline its model-based engineering practices. "AdaCore is excited to partner with Collins Aerospace to bring to market the first TQL-1 code generator for Simulink," said JC Bernedo, AdaCore QGen team lead. "AdaCore has worked closely with

OTHER NEWS



Photo: © ACC Aviation has seen charter up 39%

ACC Aviation, the global aviation services group, has reported positive growth in the second quarter of 2021, driven by U.S. and U.K. charter as well as steady growth in its consulting division. Charter volume in the U.S. and U.K. was up 39% year on year. Highlights included an uptick in the use of corporate shuttles, across the U.S.A., Europe, and Asia, from the manufacturing, transport, and sports sectors. ACC Aviation has supported several corporations with regular program flying. U.S. domestic business travel continues to lead the recovery with encouraging booking levels through 2021 into early 2022. ACC Aviation's consultancy arm fared well in the second quarter, with first-half revenues up 18% compared with the same period in 2020, and 33% up on 2019. With increased activity across aircraft disposal and acquisition, and sale-and-leaseback projects, the business is backing further expansion of its consulting division with its entry to Aviation Finance Advisory. ACC Aviation has appointed Viktor Berta as VP of Aviation Finance Advisory where he will be supporting new and existing clients in analyzing financing and leasing arrangements, restructuring existing indebtedness, and sourcing new forms of financing.



Photo: Aviator extends partnership agreement with FedEx

Aviator Airport Services, a full-range provider of aviation services at 15 airports across the Nordics, has extended a partnership agreement with delivery services company **FedEx** for ground handling services. The current contract was renewed for a three-year period and will go into effect on September 1, 2021. Aviator will provide FedEx with ground handling services, including de-icing at Malmö Airport in Sweden. The companies also have an ongoing cooperation contract at Stockholm Arlanda Airport. With over 600 aircraft, FedEx is the world's largest cargo airline, providing global delivery services for more than 50 years. Aviator and FedEx have been in a successful partnership for over 20 years.

INFORMATION TECHNOLOGY

Collins throughout the development of QGen to ensure it meets the development needs of their most critical aerospace software.”

Collins Aerospace has launched its Perigon™ computer, available for a broad range of commercial and defense platforms. With advanced computing power, open-system architecture, and flexible configurability, Perigon™ is designed to enable future flight control and vehicle management needs. At the 2018 Farnborough International Air Show, Collins announced the development of a next-gen vehicle management computer designed to support autonomous flight. Since then, Collins has built a working prototype and is currently performing detailed development and integration testing, with an eye toward qualification testing in 2022. The company has also branded the computer as Perigon™, a mathematical term for a 360-degree angle. Collins chose the name to represent the many capabilities Perigon™ can offer customers, the holistic view of systems and inputs it provides, and its enhanced flexibility. Perigon™ will have the ability to provide 20-times the processing power of Collins’ existing flight control computers, thousands of which are currently in service on a multitude of platforms worldwide. Combined with its open-system design, Perigon™ high computing power will allow customers to load it with a variety of complex software applications, including autonomous and fly-by-wire flight control, cybersecurity, vehicle management, and predictive health maintenance. In addition, capabilities that previously required multiple computers across a platform may now be able to be performed by Perigon™ alone, thanks to its enhanced processing power. This, in turn, could enable customers to reduce the number of computers onboard and enjoy space, weight, and cost savings as a result. Depending on the customer’s needs, Perigon™ can be configured as simplex, duplex, or triplex redundant. It will be FAA certifiable to facilitate aircraft level certification, available for commercial or military rotary and fixed wing platforms.

OTHER NEWS

Air Canada has posted its current summer transborder schedule including 55 routes and 34 destinations in the U.S., with up to 220 daily flights between the U.S. and Canada. The new schedule coincides with the loosening of restrictions on travel between the two countries as of August 9, 2021, enabling fully vaccinated Americans to enter Canada for non-essential travel and the removal of quarantine hotel

requirements and relaxed testing requirements, allowing Canadians taking short transborder trips for less than 72 hours to do their pre-entry tests in Canada, among other measures to ease restrictions. Air Canada has developed a new digital solution via the Air Canada App, enabling customers flying from the U.S. to Canada and between Canada and select European destinations to conveniently and securely scan and upload COVID-19 test results to validate compliance with government travel requirements prior to arriving at the airport.

INDUSTRY PEOPLE



Martin ApseI-von zur Gathen

- Swiss International Air Lines (SWISS) has appointed **Martin ApseI-von zur Gathen** as its new Head of Operations Planning and Steering. In his new capacity, which he will assume on August 1, ApseI-von zur Gathen will be responsible for the planning and the day-to-day management of efficient and reliable flight operations and will report directly to SWISS Head of Operations **Oliver Buchhofer**. He succeeds **Marcus Schnabel**, who took up new duties as Head of Flight/Ground Operations and Security for the Lufthansa Group at the beginning of May. ApseI-von zur Gathen assumed his present function as Head of Product Management Customer Service for the Lufthansa Group in 2018. In this position he has been responsible for developing a groupwide strategy for optimizing customer service, has driven various projects to digitalize customer interactions, and has borne responsibility for the Lufthansa Group’s customer service operations worldwide. Prior to this, from 2016 to 2018, he was Head of Network Management at SWISS, having previously held various further SWISS and Lufthansa positions.

- American Airlines Cargo has announced the appointment of **Sam Mendenhall** to Vice President, Operations. The appointment follows the retirement of former Operations leader **David Vance** after an impressive 34-year career at American Airlines. Mendenhall joins the cargo team with 22 years of experience at American, where he most recently led the organization responsible for all crew



Sam Mendenhall

scheduling at the American Integrated Operations Center. In his more than five years leading crew scheduling, Mendenhall and his team worked constantly to ensure American’s crew members were in the right place at the right time, as well as ensuring these crew members were taken care of while away from home. From working quickly to make adjustments during irregular operations to putting in place programs and tools to provide the best experience, Mendenhall is known for his ability to balance the varying needs of customers, team members, and operations. Before leading the Crew Scheduling team, Mendenhall worked for many years as a leader in finance for the airline.



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Richmond, BC
Canada V6X 3M1

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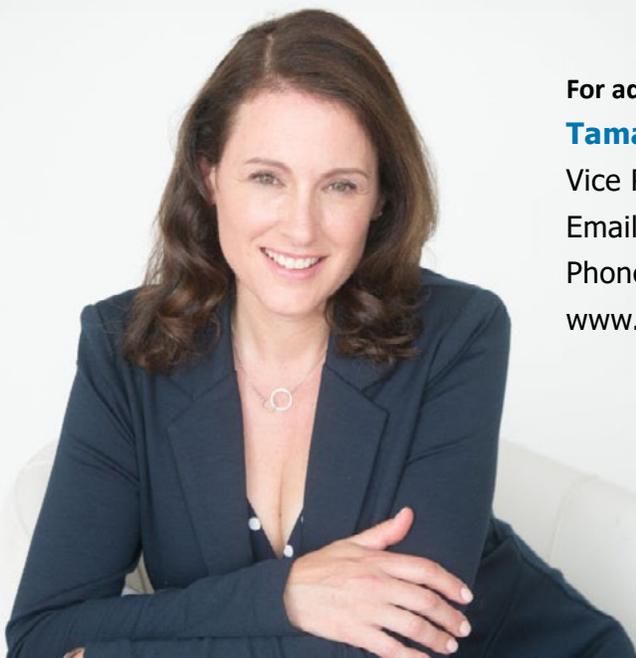
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THE AIRCRAFT AND ENGINE MARKETPLACE

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	CFM56-5B63	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 7899 892493
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 7899 892493
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
A330-243	Willis Lease	Trent 772B-60	1293	2012	Now	Lease	Chris Giles	cgiles@willislease.com	
A330-300 (3x)	ALTAVAIR	Trent 772-60/19	various	09-11	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
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
A330-343	Willis Lease	Trent 772B-60	1157	2010	Now	Lease	Chris Giles	cgiles@willislease.com	
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

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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 7899 892493
B777-300ER	ALTAVAIR	GE90-115B	39686	2013	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
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	Elizabeth Giraldo	Egiraldo@Regionalone.com	+1 305-469-7253
(1) CF34-8C	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.				
(1) 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 7899 892493
(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				
(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	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				
(1) CFM56-5C4/P	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - Sale				
(1) CFM56-7B26	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CFM56-5B4/P	Now - Sale / Lease				
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(2) CFM56-5B6/P	Now - Sale/Lease/Exch.				
(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
(1) PW4062-3	Now - Sale / Exchange	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) PW4060-3	Q3/2021 - Sale/Exchange				
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(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) PW123E	Now - Sale/Lease/Exch.	Regional One	Duane Butler	Dbutler@regionalone.com	+1 561-809-0001
(1) PW123B					
(1) PW127F					
(1) PW150A					
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				
(1) Trent772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(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) V2533-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Sale/Lease/Exch.	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) V2527-A5	Now - Sale/Lease/Exch.				
(4) V2533-A5	Now - Lease	Willis 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@ftaiaaviation.com	+1 786 785 0788
(1) V2527E-A5	Now - Lease				
(2) V2522-A5	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(2) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(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	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,	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) GTC331-9B					
(1) A321 Enhanced Landing Gear 2020 OH					
(3) CFM56-3 Engine Stands	Now - Sale	KMS Aero	Sharon Brady	sharonbrady@kmsaero.com	+353419873030
(2x Otaflio 1x Frank Brown)					
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	Drew Megorden	drew.megorden@magellangroup.net	+1 704-340-0273
(1) GTC331-9B, (1) GTC331-500B	Now - Sale / Lease				
(1) GTC331-9B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
A320 Landing gear shipsets	Now - Sale	GA Telesis	Danielle Rodon	landinggearsales@gatelesis.com	+1 954 865 9314
(2) GTC331-350, (5) GTC331-9A	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(1) APS3200, (2) GTC331-9B					
(1) APS2300, (1) GTC331-200ER,	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) APS1000-C12					
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				
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(5) GTC331-9A, (1) GTC331-200		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(2) GTC331-350, (2) GTC331-500, (1) APS3200B, (1) APS3200C					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Stephen Toutt	stands@gatelesis.com	+1-954-676-3111
(1) APU GTC331-9A	Now - Sale / Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
Engine stands now available	Now - Lease				
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368