

Weekly Aviation Headline News

WORLD NEWS

EFW redelivers A330P2F to Altavair operated by Mas Air

EFW announced the re-delivery of its first Airbus A330P2F converted aircraft to Altavair to be operated by Mas Air. Altavair has on order several A330P2F comprising both the A330-200P2F range variant and the A330-300P2F volume variant. The A330-200P2F will help enable the operator, MasAir Cargo, to expand into new markets and fly longer routes.

Gatwick's recovery continues with Vueling's expansion

London Gatwick Airport has welcomed the announcement that Vueling is to expand their operations at the airport – including five new routes. Vueling's expansion will see two aircraft based at Gatwick and - in addition to increased frequencies to its existing direct routes from Gatwick. Vueling's expansion builds on other recent announcements supporting Gatwick's recovery with British Airways, Wizz Air, Emirates, TUI, Turkish and Westjet also increasing their schedules toward pre-covid levels, in addition to easyJet increasing the number of slots they will fly from the airport during the summer season.

CHAMP launches air cargo market intelligence tool

CHAMP Cargo systems has launched its latest service, MarketAnalytics. Building on trials with 28 airlines and forwarders, the new service delivers insights with the same speed promise made by air cargo. Just as air cargo can move shipments to anywhere in the world within 24 hours, MarketAnalytics brings new insights updated daily. The service uses system integrations to get detailed updates from across the supply chain.



There are significant concerns with 5G roll out close to airports.

Photo: DFW

5G technology deferred at U.S airports

Clearing the path for resumption of air services

The drama surrounding the deployment of 5G in the U.S that raised concerns by the American aviation industry regarding safety issues has come to a temporal pause. *AviTrader Weekly* observes that because of telecommunication operators delaying the roll-out of 5G networks around U.S. airports, the US Federal Aviation Administration (FAA) have issued formal notifications that lift the previous restriction on aircraft operations.

More recently, the FAA reportedly warned that 5G interference could lead to problems with several different aircraft systems that

could make it difficult to slow an aircraft down on landing, causing it to veer off the runway.

Airlines4America CEO and President Nicholas E. Calio in a statement welcomed the FAA's

permanent solution and allowing the U.S. to continue leading the world in aviation safety while also expanding our nation's 5G network," Calio stated.

Several airlines warned that the Verizon and AT&T 5G switch-on would cause significant disruption that saw numerous airlines in the U.S and others like British Airways and Emirates cancel

some U.S. services.

From January 21, Emirates for instance reinstated its Boeing 777 operations to Chicago, Dallas Fort Worth, Miami, Newark, Orlando and Seattle. Earlier, Emirates

"While there is still work to be done by all stakeholders, this is an important step toward achieving a permanent solution."

Airlines4America CEO, President Nicholas E. Calio

action to avert catastrophic disruption to the travelling and shipping public, the global supply chain and the U.S. economy.

"While there is still work to be done by all stakeholders, this is an important step toward achieving a

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had suspended its services to some U.S. destinations based on the FAA advisory and Boeing recommendations on possible interference between the 5G antennas and aircraft systems.

Sir Tim Clark, President Emirates Airline said he welcomed the latest development which enabled the airline to resume essential

transport links to the US to serve travellers and cargo shippers. "However, we are also very aware that this is a temporary reprieve, and a long-term resolution would be required. Emirates will continue to work closely with the aircraft manufacturers and relevant regulators to ensure the safety and continuity of our services."

Airlines4America has stressed that this pause in the deployment of 5G provides the opportunity to ensure all stakeholders, consumers and the U.S. economy are served in the long run and to ensure both safety and innovation.

AIRCRAFT & ENGINE NEWS

AerCap raised funding of approximately US\$30.5 billion and executed 438 transactions in 2021

AerCap Holdings (AerCap) has announced its major business transactions during the full year and fourth quarter 2021: AerCap completed the GECAS transaction on November 1, 2021, making AerCap a worldwide industry leader across all areas of aviation leasing: aircraft, engines and helicopters. During the full year 2021 the company raised long-term funding of approximately US\$30.5 billion, including US\$24 billion in the fourth quarter to finance the GECAS acquisition. AerCap signed 311 lease agreements, completed 65 purchases and executed 62 sale transactions during 2021. During the fourth quarter AerCap signed 158 lease agreements, including 19 wide-body aircraft and 92 narrow-body aircraft, 27 engines and 20 helicopters. The company completed 42 purchases for 29 aircraft (including 16 Airbus A320neo-family aircraft, one Airbus A220 aircraft and five Boeing 737 MAX aircraft for AerCap's owned aircraft portfolio and seven aircraft for AerCap's managed aircraft portfolio), five engines and eight helicopters. AerCap executed 30 sale transactions for 23 aircraft (including five Airbus A320-family aircraft, two Airbus A320neo-family aircraft, five Boeing 737NGs, four Boeing 757s, two Boeing 737 MAX aircraft and one Boeing 767-300ER from AerCap's owned aircraft portfolio and four aircraft from AerCap's managed aircraft portfolio), four engines and three helicopters. (£1.00 = US\$1.36 at time of publication).

Texel Air's first 737-800BCF joins growing fleet at Bahrain International Airport

Texel Air, an established airline and MRO based in the Kingdom of Bahrain, has launched the latest addition to its fleet and the very first for the region, a 737-800 Boeing Converted Freighter (BCF). The 737-800BCF is a full-freighter aircraft that is highly in demand in the global air cargo market and is the first of its kind in the Middle East with a second of the same aircraft type due to arrive in September 2022. These new aircraft will enable Texel Air to carry larger cargo volumes, fly greater distances and to new destinations on behalf of its current and future customer base across the Middle East, India, Turkey, East Africa and other global markets. The aircraft, registration A9C-GWC (MSN 29985), underwent conversion from a passenger-to-freighter aircraft at a Boeing MRO supplier facility, with further client-specific modifications at Texel Air's hangar facility prior to transferring onto its Bahrain aircraft operator's certificate. Texel Air's second 737-800BCF aircraft will be inducted for conversion with Boeing in May 2022 and is expected to enter service in September 2022.



Photo: Texel Air's first Boeing 737-800BCF

Maldivian orders three ATR aircraft



Maldivian has ordered two ATR 72-600s and one ATR 42-600 aircraft
Photo: ATR

The national airline of the Maldives, Island Aviation Services (dba. Maldivian) and ATR have signed a contract for the purchase of the airline's first ATR aircraft: two ATR 72-600s and one ATR 42-600. The three aircraft will be delivered in 2022. The ATR 72-600s and ATR 42-600 will benefit from the new PW127XT engines, offering 3% reduction in fuel consumption and a 20% reduction in maintenance costs, along with the ability to use sustainable aviation fuels (SAF). Just as it is for the aircraft manufacturer, sustainable development

is a major concern for the airline. Maldivian is joining forces with ATR to contribute to the economic development of the archipelago. This initiative will complement the Government of Maldives' air mobility policy and allow Maldivian to offer enhanced connectivity across the Maldives.



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MRO & PRODUCTION NEWS

Voyageur Aviation unveils new EXCL programme with launch customer Sabena technics

Voyageur Aviation, a subsidiary of Chorus Aviation, has entered into an agreement to provide on-site inventory, component repair and overhaul and detailed service level support for the De Havilland aircraft of Canada Dash 8-400 to Sabena technics (Sabena) through Voyageur's Exchange Component and Leasing Subscription (EXCL) programme. "We are pleased to launch our EXCL programme in Europe with a premier customer, Sabena," said Gary Gilbert, Vice President Avparts, Voyageur. "The expansion of this programme is an integral part of the continued growth of our Avparts division." Voyageur developed the EXCL programme to provide customers with more freedom, flexibility and control over maintenance costs with no minimums or maximums on flight hours.

AEI Receives Transport Canada STC approval for B737-800SF freighter conversion

Aeronautical Engineers (AEI) has released that Transport Canada Civil Aviation has approved AEI's STC (ST02690LA) for the 12-pallet position B737-800SF freighter conversion. AEI currently has FAA, CAAC, EASA and now TCCA approvals for its B737-800SF. Last month AEI announced a contract to provide Chrono Aviation with a B737-800SF freighter conversion, which represents AEI's first Canadian-based customer. The AEI-converted B737-800SF freighter offers a main deck payload of up to 52,700 lbs. (23,904 kg) and incorporates eleven full-height 88" x 125" container positions, plus an additional position for an AEP/AEH. The conversion also incorporates new floor beams aft of the wing box, a large 86" x 137" main cargo door with a single vent door system. AEI's forward-thinking design allows for containers to be loaded into the aircraft a full 16.5" aft of the forward door jamb, ensuring ground operators have sufficient manoeuvring room which minimizes potential door and aircraft strikes. Additionally, the AEI B737-800SF includes a flexible Ancra Cargo Loading System, a rigid 9g barrier, five supernumerary seats as standard, a galley and full lavatory.

AJW Group and Honeywell sign distribution agreement for Boeing 737 MAX ADIRU

AJW Group and Honeywell have announced a worldwide sole distributor agreement for the global sales of Air Data Inertial Reference Unit (ADIRU) PN HG2050BC04 for later-generation B737NG and all current production B737

AIRCRAFT & ENGINE NEWS

Chinese eVTOL pioneer accelerates global expansion



Photo: AutoFlight's air taxi 'Prosperity I'

AutoFlight, the Chinese eVTOL pioneer, continues its global expansion and is establishing its first location in Europe. A team led by former Airbus manager Mark R. Henning is now ramping up at Augsburg Airport in Germany. The team's first task is to achieve European Aviation Safety Agency (EASA) certification for AutoFlight's air taxi 'Prosperity I', an electric vertical take-off and landing aircraft with a range of approximately 250 kilometres. It can comfortably seat up to three passengers in addition to the pilot. The certification programme for this air taxi will begin this year, with completion expected by 2025. A dedicated and growing team will work at the R&D and certification centre in Augsburg. AutoFlight plans to establish additional locations for test and demonstration flights across Europe. 'Prosperity I' is the company's first manned aircraft while, previously, the company's focus was on unmanned cargo drones. "I am delighted to share that Mark Henning is joining AutoFlight in Europe to build our 'Prosperity I' air taxi according to EASA safety standards," said Mr. Tian Yu, the company's founder, Chairman and CEO. Safety is and always will be AutoFlight's top commitment. The eVTOL pioneer is dedicated to making its air taxi 'Prosperity I' as safe as a commercial airliner and will work closely with European authorities. In January 2022, Mark Henning took on the position as Managing Director at AutoFlight Europe, Augsburg/Germany. The aeronautical engineer and graduate of Munich's Technical University has worked in the aviation industry for 26 years. Henning started his career at DASA and held leadership positions at EADS and Eurocopter. Previously, he was Manager for Governmental Business at the helicopter division of Airbus and Head of product EC135. He has also held positions in programme management, strategy, production and development and has worked for the Airbus Group in Indonesia, South Korea, Israel, South Africa and the United States.

MAX fleets of aircraft. Under the terms of the agreement, AJW will distribute the new production build ADIRU, for all Boeing 737 MAX aircraft for all initial provisioning and purchasing requirements for operators and integrated service providers. The collaboration includes AJW holding distribution inventory at its global facilities to meet the needs of worldwide

Boeing 737 MAX operators, complementing the extensive inventory of Boeing parts and maintenance, repair and overhaul services that allow AJW to deliver complete support solutions to customers. In addition, AJW Technique, AJW group's maintenance hub and an authorised repair facility for multiple Honeywell products, is lining up for capability



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extension to offer complete support on the Airbus ADIRU platform.

HEATCON Composite Systems enters strategic distribution relationship with Watlow

HEATCON Composite Systems recently entered into an expanded distributor agreement with Watlow, a designer and manufacturer of industrial technology and thermal solutions, to provide standard products, services and thermal systems to the aerospace industry. HEATCON Composite Systems is a global manufacturer and supplier of aerospace composite repair equipment and products with ISO9001, AS9100D and AS9120 certification. For over 40 years, HEATCON has supplied heating solutions to the aerospace industry—working closely with aircraft manufacturers (OEMs), space and defence organizations, commercial airlines and maintenance, repair and overhaul (MRO) facilities. Entering into this agreement with Watlow, HEATCON looks to expand the offering

AIRCRAFT & ENGINE NEWS

DAE completes placement of Boeing 737 MAX 8 orderbook



Icelandair will receive two Boeing 737 MAX 8 aircraft from DAE's orderbook

Photo: AirTeamImages

Dubai Aerospace Enterprise (DAE) had successfully completed the placement of 14 Boeing 737 MAX 8 aircraft with two long-standing customers. The order was placed with Boeing in March 2021. Aeroméxico will receive 12 aircraft and Icelandair will receive two aircraft. Deliveries commenced in October 2021 and all aircraft are scheduled to be delivered before the end of the first half of 2022. As of December 31, 2021, DAE had 153 Boeing aircraft in its fleet, including 30 Boeing 737 MAX 8 aircraft.

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MRO & PRODUCTION NEWS

of thermal solutions to its customer base while supporting Watlow's goal of expanding its presence into the aerospace industry. Watlow carries a variety of products that are ideal for HEATCON's aerospace customers, including temperature controllers, power switching devices, data loggers, electric heaters and temperature sensors.

C&L Aerospace signs distributorship with Concorde Battery for ERJ 135/145 battery

C&L Aerospace, a C&L Aviation Group company, has signed a distribution agreement with Concorde Battery Corporation for their ERJ 135/145 Sealed Lead Acid (SLA) battery. Concorde's SLA batteries are a cost-effective alternative to nickel-cadmium batteries. Benefits include drop-in battery replacement, lower-cost to acquisition and reduced cost-per-flight-hour. Also, there is no memory effect, cycling requirements, or thermal runaway, while the battery is subject to hazmat-exempt shipping and more. The battery also has a cold-weather performance that is equal to or better than nickel-cadmium. All of this contributes to a lower operating cost for the aircraft.

GA Telesis MRO Services Group expands capability scope of field support 24/7/365 Turbo Team™

GA Telesis' (GAT) MRO Services Group has expanded the scope of its on-site field support Turbo Team™. In 2021, GAT experienced an increase in requests for on-site technical and maintenance support for a greater volume of aircraft models and systems as the airlines ramped up their flight schedules. The MRO Services Group considers itself an extension of the airline's maintenance functions. Turbo Teams™ are quickly dispatched to support grounded aircraft (AOG) in urgent need of on-site maintenance. These teams are composed of elite technicians and engineers that travel and troubleshoot, providing the necessary repairs and approvals for aircraft on site. The team's support encompasses rapid response for maintenance, mirroring the MRO services suite of capabilities. "Once again, our team rose to the challenge and provided immediate support to our airline customers," said Pastor Lopez, President of MRO Services. "Our solutions offer the airline customer solid results, cost savings and prompt return to service. We differentiate ourselves by providing our customers access to the GA Telesis Ecosystem™, which includes simultaneous component and engine support," added Lopez.

AIRCRAFT & ENGINE NEWS

flypop brings second aircraft into service for cargo operations



Photo: flypop Airbus A330 arriving at Stansted Airport

flypop, the UK low-cost carrier has brought its second aircraft into service. The Airbus A330 flew into London Stansted Airport, flypop's headquarters, where the team celebrated the airline's growing fleet. flypop has been partnering with Hi Fly airline for zero LOPA cargo operations over the past few months to meet the growing international demand for cargo flights. Over the next few months flypop will bring two more of its fleet of aircraft into service for cargo duties and plans to launch passenger flights in the summer to meet the pent-up demand of the Indian diaspora communities living in the UK and their visiting friends and relatives.

SWISS takes delivery of first Airbus A320neo with Airspace Cabin



SWISS' new Airspace Cabin features larger overhead bins for 60% more bags

Photo: Airbus

SWISS has taken delivery of its first Airbus A320neo featuring the new Airspace Cabin configuration. The new Airspace Cabin features slimmer sidewall panels for extra personal space at shoulder level, better views through the windows with its redesigned bezels and completely integrated window shades, large overhead bins for 60% more bag space, the latest full LED lighting technologies, LED-lit 'entrance area' and new lavatories with hygienic touchless features and antimicrobial surfaces. SWISS is a long-standing Airbus customer, operating Airbus A220 and A320-family aircraft on its European network and, in addition, A330s and A340s globally. In 2018 Lufthansa Group, the parent company of SWISS, chose to equip more than 80 of its new A320-family aircraft on order from Airbus with the Airspace Cabin.

MRO & PRODUCTION NEWS

Zetland Capital Partners and Greenwich Highland secure four additional A321-200PCF conversions with 321 Precision Conversions

321 Precision Conversions has announced that a joint venture formed by Zetland Capital Partners and Greenwich Highland Aviation has secured four additional A321-200PCF conversions for a total of six commitments. The joint venture initially pledged two aircraft, MSN 1438 and MSN 1953, which will induct in early 2022 at HAECO Americas in Lake City, Florida. The additional four airframes will be inducted for conversion beginning in the first quarter of 2023.

easyJet and SR Technics Malta renew Base Maintenance contract

MRO service provider SR Technics has announced that its Malta subsidiary SR Technics Malta has renewed its base maintenance contract with low-cost carrier easyJet. The agreement will cover two lines of base maintenance work and will extend for two years. SR Technics has supported easyJet for a number of years, covering a wide range of MRO services and by the end of this year it is scheduled for SR Technics to have serviced 35 aircraft and 45 aircraft by the time the agreement ends. Work to date had been carried out at the existing SR Technics facility in Malta, but operations will be moved to the MRO supplier's new six-bay hangar which is scheduled to open at Malta Airport in Safi, next month. Brendan McConnellogue, easyJet Director of Engineering and Maintenance commented: "We are extremely pleased to be extending our relationship with the SR Technics team in Malta. It's hard to believe that it has been more than 11 years since SR Technics delivered the first A319 IV check back to easyJet and they continue to support us in ensuring the highest levels of operational safety for our fleet, all with the same dedication and enthusiasm as they did on the very first aircraft back in 2010."

FINANCIAL NEWS

United Airlines achieves fourth-quarter financial targets and reiterates long-term commitments

United Airlines (UAL) has reported its fourth-quarter and full-year 2021 financial results and reiterated confidence in its longer-term United Next financial targets. The company achieved every major financial guidance target for the fourth quarter – and set a new Net Promoter Score (NPS) record in 2021 – despite the sharp spike in COVID-19 cases caused by the Omicron variant. Despite near-term volatility, bookings for

MRO & PRODUCTION NEWS

AMETEK MRO Singapore invests in Airbus A350 repair capability



Photo: AMETEK is investing in Airbus A350 maintenance solutions

AMETEK Singapore PTE has augmented its capabilities by investing in Airbus A350 maintenance solutions. The decision, which will provide customers in the Asia Pacific region with a regional support option for the full suite of cargo and galley heaters for the aircraft type, will be further complemented by AMETEK's current airworthiness approvals including CAAS, CAAC, FAA, EASA, JCAB, CAAM, CAAV and DGCA. "The A350 has a range of around 15,000 km so it is hardly surprising that operators are choosing this aircraft to service their long-haul routes," commented Dave Corish, Divisional Vice President and General Manager of AMETEK Singapore PTE. "As such, it is crucial to be able to provide comprehensive maintenance solutions, particularly in regions such as Asia Pacific, where European- and US-based MROs are not viable repair options from a logistics point of view. As an authorized warranty repair station, we provide OEM warranty assessment

as well as repair services for cockpit, galley and bulk cargo components." AMETEK Singapore PTE will work with its sister company AMETEK Airtechnology Group, as part of its end-to-end service offering strategy, to provide this additional global aftermarket support for its suite of A350 electrical heaters. AMETEK Airtechnology Group specialises in the design, development and manufacture of thermal management and motion control products.

HAECO Hong Kong completes first Boeing 737-800 split scimitar winglet modification



Photo: HAECO Hong Kong has completed the first B737 split scimitar winglet modification

HAECO Hong Kong has completed the first split scimitar winglet modification in tandem with C-Check for a Virgin Australia Boeing 737-800 aircraft. The winglet modification was to change the blended winglets into split scimitar winglet configuration, improving fuel efficiency of the aircraft. Being an Aviation Partners Boeing (APB)-designated authorised modification centre, HAECO Hong Kong has completed over 110 winglet modifications on Boeing 737NG, 757 and 767 aircraft. With support from Virgin Australia and APB, HAECO Hong Kong's experienced engineering team accomplished a smooth winglet modification process and aircraft redelivery.

FINANCIAL NEWS

spring travel and beyond remain strong, which is why the Omicron spike has not altered the airline's confidence in the 2023 and 2026 CASM-ex United Next targets announced last year. The airline starts 2022 with a scaled-back schedule, reflecting the impact of the Omicron spike on demand. However, as the year progresses, United expects to nimbly ramp up capacity by ungrounding 52 Pratt & Whitney-powered Boeing 777s, as demand returns, which will yield improvements in the airline's gauge and aircraft utilization. The airline expects this approach, which continues to prioritize matching capacity to demand, will mean that: 1) the airline will fly fewer available seat miles (ASMs) in 2022 than 2019 and 2) CASM-ex will decline significantly over the course of 2022. Most importantly, these 2022 trends will lay the groundwork for successful execution of the multi-year United Next strategy and achievement of the financial targets set for 2023 and beyond. United Airlines reported that fourth quarter 2021 capacity was down 23% compared to fourth quarter 2019 and reported fourth quarter 2021 net loss of US\$0.6 billion (adjusted net loss of US\$0.5 billion) and a full year 2021 net loss of US\$2.0 billion (adjusted net loss of US\$4.5 billion). Fourth quarter 2021 total operating revenue was US\$8.2 billion, down 25% compared to fourth quarter 2019 and fourth quarter 2021 Total Revenue Per Available Seat Mile (TRASM) was down 3% compared to the fourth quarter of 2019. (£1.00 = US\$1.36 at time of publication).

INFORMATION TECHNOLOGY

ECS Group's Cargo Digital Factory and **Wiremind Cargo** are coordinating their digital expertise under a new-technology-focused and autonomous company: **CargoTech**. The pandemic has spotlighted the importance of digitalization across all air cargo processes. With the launch of CargoTech, ECS Group's inhouse solution developer, Cargo Digital Factory and the French software and data-science company, Wiremind Cargo will focus its efforts on intelligently digitalizing the air cargo industry. CargoTech also supports one of the four pillars of ECS Group's new augmented GSA concept, comprising commercial, technology, sustainability and new abilities. Based in Paris, France, Cargo Digital Factory and Wiremind's newly established dedicated cargo business unit will collaborate to digitalize as many air cargo processes as possible. Existing Cargo Digital Factory products such as its APOLLO BI & Reporting System, PATHFINDER Track & Trace solution and QUANTUM pricing support system and Wiremind Cargo's shipment volume evaluation and flight planning system SKYPALLET,

MRO & PRODUCTION NEWS

Czech Airlines Technics expands co-operation with leasing companies

Alongside air transport, the COVID-19 pandemic has had a significant impact on the demand for aircraft maintenance services. As a result, for over a year, Czech Airlines Technics (CSAT) has been providing its services to new clients, namely leasing companies, alongside traditional airline customers. Their number has been growing steadily and a new service model of one-stop-shop maintenance has been created to suit their needs. "We respond to market development trends and offer leasing companies a service model that includes complex work by one provider, without the need for additional suppliers and unnecessary overflights to organize subsequent maintenance. We are able to provide complex customer support during aircraft parking, including CAMO support, aircraft registration / de-registration and aircraft readiness according to the specific requirements of the new operator after a leasing agreement termination," Pavel Haleš, Chairman of the Czech Airlines Technics Board of Directors said, adding: "It is a very interesting model for our company, which can ensure the use of our capacities even during the off-season period." By the end of 2020, CSAT's client portfolio comprised predominantly airline aircraft operators. However, the air transport downturn due to the COVID-19 pandemic caused airlines to reduce aircraft numbers and terminate contracts with aircraft owners. In the second half of December 2020, the first aircraft owned by a leasing company thus headed to Prague Airport. "After the first project, we managed to negotiate a follow-up cooperation, and in the 2021 summer season, we performed several checks for two large leasing companies. We also launched co-operating with more clients among leasing companies," Pavel Haleš added. Currently, CSAT provides parking for several aircraft, on which it will soon carry out major inspections and redelivery projects, including complementary services, such as DOA and CAMO. The arrival of other aircraft to undergo inspections is planned during the summer of this year. Parking services are also offered to airlines, both at Prague Airport and at partner airports in the Czech Republic and Slovakia.



Long-term parking at Czech Airlines Technics Photo: CSAT

CFM and Lufthansa Technik sign CBSA agreement on LEAP-1B engine services



Photo: CFM International LEAP-1B-engine

engine powers the Boeing 737 MAX aircraft, of which more than 4,700 have been ordered to date. It is expected that up to 15,000 aircraft of this type will be operated worldwide in the future. The CBSA includes extended licenses, access to repairs and a strong technical cooperation. Under the terms of the agreement, Lufthansa Technik will continue to make use of its extensive know-how of engine MRO and provide the full range of MRO services tailored specifically to customers' requirements and to the needs corresponding to the life cycle of the engine. The focus will be on developing new MRO services and optimizing the operating costs for the operators of the LEAP-1B engine. The services will range from engine overhaul and parts repair to on-wing support and engineering support. Lufthansa Technik is the only independent MRO provider that holds both a CBSA for the LEAP-1A- and for the LEAP-1B engine.

Lufthansa Technik and CFM International (CFM) have concluded a LEAP-1B CFM Branded Service Agreement (CBSA). Effective since January 1, 2022, this CFM license enables Lufthansa Technik to offer the widest range of maintenance, repair and overhaul services for CFM LEAP-1B engines. Lufthansa Technik is the first independent MRO provider to sign a CBSA for the LEAP-1B engine, enabling the company to offer high-quality, cost-efficient services for LEAP-1B engines to international customers. The LEAP-1B

INFORMATION TECHNOLOGY

form the basis of CargoTech's product portfolio. The two divisions will jointly innovate and design additional digital solutions to expand the standard product portfolio, as well as tailor individual products for all actors of the cargo supply chain: airlines, GHAs, GSAs and freight forwarders.

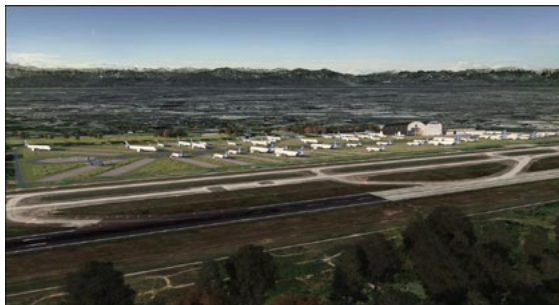
OTHER NEWS

Tenders have started for flight attendants on the aircraft types B757, B767, A320 and A321 operated by **Condor** as well as for the new A330neo aircraft, which will fly for Condor from autumn 2022. A total of around 150 new employees will be recruited at the Frankfurt, Dusseldorf, Munich, Hamburg and Leipzig stations to operate Condor aircraft. Full-time positions are available, which are limited to two years and offer an option for a long-term employment relationship, as well as permanent part-time positions. Condor has already been recruiting 180 new pilots since November and will also take on the Condor pilots it has trained itself. In this way, Germany's vacation carrier is preparing for the new long-haul aircraft, the Airbus A330neo. Condor is the German launch customer for the aircraft.

Qantas International has applied to the **Fair Work Commission** to terminate its long-haul cabin crew agreement as a last resort to change restrictive and outdated rostering processes. There are no job losses associated with the proposed termination. This is the first time in Qantas' history that it has sought to terminate an enterprise agreement. It follows six months of negotiation with the **Flight Attendants' Association of Australia** (FAAA) and other bargaining representatives for a new enterprise agreement that was rejected by both the union and 97% of crew who voted. The rejected four-year deal included a pay increase and increased allowances. It also sought to simplify complex and historical rostering conditions that meant around 20% of more than 2,500 long-haul crew could only be used on a single type of aircraft – which is unworkable as the airline seeks to recover from COVID. The need for change to rostering processes was recognized by the Fair Work Commission in an earlier decision relating to bargaining for the agreement. The FAAA's counteroffer represented an AU\$60 million (£32 million) cost increase over four years – which is also unworkable. The Fair Work Commission is expected to start dealing with the termination application over the coming weeks, with Qantas requesting the hearing be expedited. Qantas' international flying is expected to remain at around 20% of pre-COVID levels for the next few months, increasing from April onwards as

MRO & PRODUCTION NEWS

Airbus to partner with Tarmac Aerosave for China-based "lifecycle" service centre



Aircraft Lifecycle Centre China

Photo: Airbus

Airbus, together with Tarmac Aerosave and the city of Chengdu, China have signed a Memorandum of Understanding to develop the first China-based sustainable aircraft "lifecycle" service centre in China. Activities covered by the MoU will include aircraft parking and storage, to maintenance, upgrades, conversions, dismantling and recycling services for various aircraft types. The formal agreement is planned to be signed in mid-2022, while the new centre should become operational by year end 2023. For 15 years Tarmac Aerosave has been responsible for the eco-efficient dismantling of aircraft, and it will combine with Airbus subsidiary Satair, which will be responsible for the acquisition of aging aircraft, then trading and distributing the resultant used parts. The Chengdu facility will cover 690,000 square metres and will have a storage capability for 125 aircraft. "This is another concrete contribution to the aviation industry's quest for sustainability, supporting the principle of a circular economy in line with Airbus' purpose to pioneer sustainable aerospace. This unique centre will support the expansion of Airbus' aviation services while enabling the implementation of China's "Green Industry" strategy", said Klaus Roewe, SVP Airbus Customer Services. "Aircraft phase-out in China is forecast to grow exponentially over the next 20 years. Airbus is committed to investing in the region and this one-stop-shop – a first in China and outside of Europe – will see Airbus well positioned on the Chinese aircraft 'second life' services market," he added.

Lufthansa Group places major order for ZIM Premium Economy seating

Having previously ordered the ZIMmagic (PC-01) Premium Economy seat from ZIM Aircraft Seating, Lufthansa Group has placed an order for the new-generation ZIMprivacy (PC-02) seat to be installed on 19 of its flagship Boeing B747-8s and an additional nine SWISS Airbus A330s. The seats will come with



ZIMprivacy (PC-02) Premium Economy seat

Photo: ZIM Aircraft Seating

a customised specification for trim and finishes so they can enable Swiss and Lufthansa to maintain their individual cabin branding. The ZIMprivacy has set a new standard for comfort and privacy in the Premium Economy class. The highly innovative seat features a mechanical kinematic enclosed within a fixed backrest shell structure and includes enhanced privacy with an integrated privacy shield creating improved personal space for all passengers. The ZIMprivacy also includes a variety of other amenities such as individually adjustable armrests, cocktail table, single piece meal table, personal reading light, ambient mood lighting and an extra-large IFE screen. "The award of this project to ZIM Aircraft Seating is a very good sign for the future direction of commercial aviation in the long-lasting COVID-19 crisis and indicates a recovery in flight activities. The entire ZIM Aircraft Seating team is very proud that we have hit the right nerve in the market with our new product development of the ZIMprivacy and that with Lufthansa and SWISS we were able to convince two strong partners as launch customers," says Sven Achilles, CEO of ZIM Aircraft Seating. ZIM Aircraft Seating, a global leader in premium aircraft seating, is headquartered in Immenstaad am Bodensee, Germany.

OTHER NEWS

Omicron-related restrictions ease overseas. This is the third time the FAAA and Qantas have been before the Commission regarding this round of bargaining.

Atlas Air, a subsidiary of **Atlas Air Worldwide Holdings**, has announced the extension of a long-term aircraft transportation services agreement to operate a Boeing 747-400 freighter for **SF Group** (SF), one of China's leading express service providers, between China and the United States. The agreement, which has been in place since 2018, enhances the operating capability of SF and extends its fast-growing global network. SF is based in Shenzhen, Guangdong.

INDUSTRY PEOPLE



Paul Dwyer (l), Dan Cavanagh (r)

- Jackson Square Aviation (JSA), a full-service commercial aircraft lessor, has announced that **Paul Dwyer** has transitioned his role as JSA's Chief Risk Officer ahead of his upcoming retirement. **Dan Cavanagh** has succeeded Dwyer as Chief Risk Officer, effective January 1, 2022. Dwyer will remain at JSA until his formal retirement on February 28, 2022.

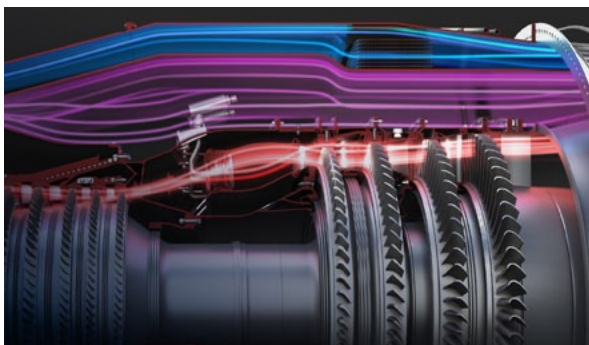


Frederic Leger

- The International Air Transport Association (IATA) has appointed **Frederic Leger** as the association's Senior Vice President for Commercial Products and Services. Leger served in the role on an ad interim basis since July 2021, when IATA's Commercial Products and Services Division was created as part of an internal restructuring. He reports to Willie Walsh, IATA's Director General. Leger holds the concurrent position of President of IATA's Cargo Network Services in the US, a responsibility he has held since May 2021. He joined IATA in 2005 as head of

MILITARY AND DEFENCE

GE successfully concludes phase-1 testing on second XA100 adaptive cycle engine



GE military XA100 adaptive cycle engine

Photo: GE

GE has concluded Phase-1 testing on its second XA100 adaptive cycle engine as part of the US Air Force's Adaptive Engine Transition Programme (AETP). Phase-1 testing took place at GE's Evendale, Ohio, altitude test facility and enabled GE to continue gathering high-quality performance data validating the engine's transformational propulsion capability.

Phase-2 tests will begin at the US Air Force's advanced testing facilities at Arnold Engineering Development Complex (AEDC) in the first quarter of 2022. "Phase-1 testing allowed us to further characterise the operation of the engine and puts us in a great position to begin Phase-2 testing at AEDC," said David Tweedie, GE Edison Works' general manager for Advanced Combat Engines. "We continue to burn down risk with full-scale engine testing, which is why the XA100 is the lowest risk, most capable and fastest approach to keep the F-35 a pre-eminent fighter platform for the long-term." GE's XA100 became the world's first-ever flight-weight, three-stream adaptive cycle engine in December 2020 before initiating tests on its second engine in August 2021. GE's engine is uniquely designed to fit both the F-35A and F-35C without any structural modifications to either airframe, enabling better aircraft range, acceleration and cooling power to accommodate next-generation mission systems.

OTHER NEWS



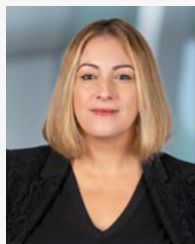
The USDOT has approved Norse Atlantic Airways' application for transatlantic flights

Photo: Norse

Founded in 2021, **Norse Atlantic Airways** (Norse) has received notification from the **United States Department of Transport** (USDOT) that the low-cost long-haul carrier's application to enable it to fly between Norway, Europe, the United Kingdom and the USA has been approved. The newly formed airline took delivery of the first of 15 Boeing 787 Dreamliner aircraft in December last year, while during the same month it also received its Air Operator's Certificate from **Norway's Civil Aviation Authority**. Norse plans to commence operations in spring of this year. Norse intends to provide low-cost flights between Norway, Europe and the USA with its fleet of more environmentally friendly aircraft, though currently there is no confirmation of which American airports it will fly to. However, its application to the USDOT was for operations between Oslo in Norway and Fort Lauderdale, Newburgh and Ontario airports, serving Miami, New York City and Los Angeles, respectively. Norse had come under criticism from the USA as it was felt that the new carrier might be looking to operate under a similar structure to Norwegian Air Shuttle, which had circumvented Norway's labour protections through Irish incorporation. However, Nordic had been in close discussion with unions which represented flight attendants in the United States prior to employing staff who live in the USA. In addition, Norse has established a partnership with **BALPA**, the British Airline Pilots Association.

INDUSTRY PEOPLE

e-Invoicing Services. Since then, he has held various roles at the association with a focus on IATA's commercial products and services and cargo. Most recently he oversaw the commercial performance of products and services connected with IATA's work in airport, passenger, cargo and security activities.



Nadia Kaddouri

• **Nadia Kaddouri** has been appointed to the group global management team as Chief Strategy and Sustainability Officer of Swissport International effective January 1, 2022. In her new role, she will drive Swissport's business strategy with a strong focus on market intelligence, trends and innovations and will take over the lead of Swissport's lounge and executive aviation businesses. In addition to the corporate strategy, the responsibility for driving environmental, social, and governance (ESG) topics will be at the core of her agenda. Kaddouri will also continue to serve as the company's Chief of Staff, leading the CEO office and supporting **Warwick Brady**, President and CEO of Swissport International, in managing the growth of the business.



Andreas van de Kuil (l) and Daniel Hepworth (r)

• **Daniel Hepworth** and **Andreas van de Kuil** have taken over new management positions within Lufthansa Technik's Corporate Sales organization. Hepworth, who was until the end of December 2021 GM Corporate Sales for the UK, Ireland, France and BeNeLux, has become Head of Sales Europe, effective January 1, 2022. At the same time, van de Kuil, former Director Customer Service and Sales Americas of Lufthansa Technik Component Services, has started as Head of Sales Eastern Europe and CIS. Since 2016, Hepworth has led a multinational team and was responsible for the development and implementation of the sales strategy for the

UK, Ireland, France and BeNeLux. He has more than 20 years' experience in international MRO sales, including 14 years spent at Lufthansa Technik in various sales positions in Europe and North America. Starting in 2009, van de Kuil held different positions in Lufthansa Technik's Corporate Sales organization and as CEO of Lufthansa Technik Vostok Services. In 2017, he joined Lufthansa Technik Component Services in the US. In his last function as Director Customer Service and Sales Americas, he was responsible for customer service, operational management, key account management as well as sales and pricing.

• On January 1, 2022, **Bruno Tricoire** and **Nicolas Bertrand** joined the AFI KLM E&M Executive Committee as SVP Components and SVP Industrial Affairs and Projects, respectively. In the meantime, former SVP Components **Benjamin Moreau** has been named as the new SVP Strategy and Business Development – a role he takes over from **Johann Panier**, who leaves to take the lead of the Air France fleet as SVP Fleet Management.



Benjamin Moreau

Moreau began his career as a consultant at A.T. Kearney, before joining AFI KLM E&M in 2002. He started out as a project manager in the avionics division, going on to assume various responsibilities including Sales Director for Key Accounts and Head of Customer Services for Components. In 2014 he was named CEO of CRMA, an AFI KLM E&M affiliate specialising in components repair and engine module overhaul, where revenues doubled over the course of his four years in the post. In 2018 he was named SVP Components at AFI KLM E&M.



Bruno Tricoire

Tricoire began his career at AFI KLM E&M in 2004 as a Logistics Methods Manager. After occupying various roles in Engine Product Sales, Engine and Airframe Maintenance, he was named CEO of iGO Solutions in 2015, a structure dedicated to line maintenance/light maintenance for the Airbus A350/A330 and Boeing 737 fleets at Paris-Orly. Since 2018 he has been VP Base Main-

tenance for Air France Industries at Charles de Gaulle airport.



Nicolas Bertrand

Bertrand began his career at Air France in 1987 as a Boeing 747 fleet maintenance engineer. In 1995 he participated in the creation of the Air France Fleet Management division, going on to oversee the integration of various new aircraft (including the 777-300ER and Boeing 777 Cargo). In 2011 he was named Long-Haul Fleet Director, a role that would involve preparing for the arrival of the Boeing 787-9 and Airbus A350-900. In 2017, he became SVP Air France Fleet and was one of the key decision makers for the rationalisation of the long-haul fleet and the choice of the A220 for the progressive replacement of the A318 and A319.

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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	2119	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	BBAM	CFM56-5B5/P	2283	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	ORIX Aviation	CFM56-5B5/3	5018	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A319-112	Deucalion Aviation Limited	CFM56-5B63	3586	2008	Q2/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A319-131	Deucalion Aviation Limited	V2522-A5	2375	2005	Q2/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320	Deucalion Aviation Limited	CFM56-5B4/P	1571	2001	Now	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	5950	2014	Q1/2022	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-214	Deucalion Aviation Limited	CFM56-5B4/3	3767	2009	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
A320-232	Willis Lease	V2527-A5	6865	2016	Now	Sale / Lease	Chris Giles	cgiles@willislease.com	+44 1656 754 788
A320-232	Willis Lease	V2527-A5	7163	2016	Now	Sale / Lease	Chris Giles	cgiles@willislease.com	+44 1656 754 788
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Now	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
A321-200	GA Telesis	V2533-A5	2255	2004	Q2/2022		David Byrne	aircraft@gatelesis.com	+353 86 780 8974
A321-200	GA Telesis	V2533-A5	2261	2004	Q2/2022		David Byrne	aircraft@gatelesis.com	+353 86 780 8974
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 (5x)	ALTAVAIR	Trent 772B-60/16	various	06-14	Q1/2022	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
A330-300	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	BBAM	CF6-80E1A3	1300	2012	Apr 2022	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	Deucalion Aviation Limited	Trent 772B-60	1559	2014	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-300	Deucalion Aviation Limited	Trent 772B-6	1146	2010	Q3/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-700	BBAM	CFM56-7B20	32418	2003	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	GA Telesis		34300	2006	Now	Sale / Lease	David Byrne	dbyrne@gatelesis.com	+353 86 780 8974
B737-8	Orix Aviation	CFM LEAP-1B	42825	2017	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42826	2017	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42827	2017	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42828	2017	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42829	2017	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42830	2017	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42831	2018	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42832	2018	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42833	2018	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42835	2018	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	63971	2018	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	64992	2018	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-800	BBAM	CFM56-7B24/3	34905	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
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	CFM56-7B27/3	37254	2011	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	Deucalion Aviation Limited	CFM56-7B26	30294	2004	Q1/2022	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	CFM56-7B26	34692	2007	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-800SF	GA Telesis	CFM56-7B24	33003	2002	May 2022	Lease	David Byrne	aircraft@gatelesis.com	+353 86 780 8974

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
B777-200ER	BBAM	GE90-90B	29004	1998	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	BBAM	GE90-115B	37898	2012	Apr 2022	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	BBAM	GE90-115BL2	37898	2012	Apr 2022	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER (8x)	ALTAVAIR	GE90-115B		06-13	Q1/2022	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493

Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200ER	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200ER	Regional One	CF34-3B1	8059	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200LR	Regional One	CF34-3B1	7625	2002	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15057	2005	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15087	2006	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
DHC8-Q400	Regional One	PW150A	4326	2010	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007A1	145411	2002	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ170-100LR	Regional One	CF34-8E5	17000093	2005	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

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				
CF34-3A		Now - Sale / Lease				
(1) CF34-8C		Now - Sale / Lease	Regional One	Elizabeth Giraldo	Egiraldo@Regionalone.com	+1 305-469-7253
(1) CF34-8E5		Now - Sale / Lease				
(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	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(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



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RegionalOne



THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80E1A3	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF6-80E1A4B	Now - Sale / Lease				
(2) CF6-80E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(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
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B4/P (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiair.com	+1 786 785 0787
(1) CFM56-5B5/P	Now - Lease				
(1) CFM56-5B6/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) CFM56-7B22 (with QEC)	Now - Lease				
(4) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(4) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P	Now - Lease				
(4) CFM56-7B24/E	Now - Lease				
(4) CFM56-7B24	Now - Lease				
(2) CFM56-7B26	Now - Lease				
(1) CFM56-5C4	Now - Lease				
(4) CFM56-5B4/P	Now - Lease				
(2) CFM56-7B26/3	Now - Lease				
(3) CFM56-7B26	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(4) CFM56-5B5/P	Now - Sale / Lease				
(2) CFM56-5B6	Now - Sale / Lease				
(1) CFM56-3 (SVC, fresh PR)	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)1357 521144
CFM56-5 (all thrust levels)	Now - Sale / Lease	Contrail Aviation Support	Steve Williamson	steve@contrail.com	+1 720-276-5966
CFM56-7 (all thrust levels)	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				
(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) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P (u/s)	Now - Sale	Castletlake	Stuart MacGregor	Stuart.macgregor@castletlake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - 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.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(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				
(2) GE90-90B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(2) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) LEAP-1A33	Now - Lease				
(1) LEAP-1A32	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
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
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				

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PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(6) PW127M	Now - Sale/Lease/Exch.				
(1) PW121	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW123B	Now - Sale/Lease/Exch.	Regional One	Duane Butler	Dbutler@regionalone.com	+1 561-809-0001
(1) PW127F					
(1) PW150A					
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(2) Trent 772B-60	Q1/2022 - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(2) Trent 772C-60	Q1/2022 - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) Trent-556-61	Now - Sale/Lease/Exch.				
(1) Trent772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(3) V2522-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(3) V2524-A5	Now - Sale/Lease/Exch.				
(3) V2527-A5	Now - Sale/Lease/Exch.				
(3) V2527E-A5	Now - Sale/Lease/Exch.				
(3) V2527M-A5	Now - Sale/Lease/Exch.				
(3) V2530-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Sale/Lease/Exch.				
V2500 (all thrust levels)	Now - Sale / Lease	Contrail Aviation Support	Steve Williamson	steve@contrail.com	+1 720-276-5966
(2) V2533-A5	Now - Sale/Lease/Exch.	Chromalloy Material Solutions	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) V2527-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	Now - Lease				
(1) V2527-A5	Now - Sale / Lease	Castellake	Stuart MacGregor	Stuart.macgregor@castellake.com	+44 207 190 6138
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiair.com	+1 786 785 0788
(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	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(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) GTCP331-500B	Now - Sale / Exchange	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
Trent 892B-17 Modules					
(2) GTCP331-200ER, (2) GTCP131-9A, (1) GTCP131-9B	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) A321 Enhanced Landing Gear 2020 OH					
GE90-115B – Fan Stator Module – P/N 2115M15G04		Altavair	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
(1) A320 ENH NLG, (2) A340 Landing Gear Shipsets		GA Telesis		landinggearsales@gatelesis.com	
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
(1) RE220, (1) APS3200, (1) GTCP131-9A	Now - Sale / Lease	Magellan Aviation Group	Drew Megorden	drew.megorden@magellangroup.net	+1 704-340-0273
(1) GTCP131-9B, (1) GTCP331-500B	Now - Sale / Lease				
(1) GTCP131-9B	Now - Sale/Lease/Exch.	BBAM	Steve Zisis	info@bbam.com	+1 787 665 7039
(3) GTCP331-350, (5) GTCP131-9A	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(1) APS3200, (2) GTCP131-9B					
(1) APS2300, (1) GTCP331-200ER, (1) APS1000-C12, (1) GTCP36-150RJ, (1) RE220RJ	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 954-683-1893
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(4) GTCP131-9A, (1) GTCP331-200, (1) GTCP131-9B, (1) GTCP331-200		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(2) GTCP331-350, (1) GTCP331-500, (1) APS3200B, (2) APS3200C					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com	+1-954-676-3111
(1) APU GTC131-9A	Now - Sale / Lease	Willis Lease	Gavin Connolly	gconnolly@willislease.com	+44 1656 765 256
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