

Weekly Aviation Headline News

WORLD NEWS

LATAM commits to eliminating all single-use plastics by 2023

LATAM has announced that it will eliminate 100% of single-use plastics used in its operations by 2023. This commitment will be achieved through initiatives such as changing onboard materials, incorporating more sustainable elements, and with the group's recycling and reuse programmes. From June 1, all international flights have reusable bags to cover the rest items in the Premium Business cabin. New travel kits were also recently launched for passengers in Premium Business, which have more sustainable elements such as bamboo toothbrushes and kraft paper wrappers.

Icelandair renews contract with B&H Worldwide

B&H Worldwide has been chosen by Icelandair Technical Operations as its global partner for managing its time-critical, AOG (Aircraft-on-Ground) and urgent airline spares shipments. This is the official renewal of the relationship which first began in 2017. The new contract is effective for three years, with an option to extend for an additional two years. Icelandair Technical Operations is the maintenance and spare parts provider for Icelandair, Icelandair Cargo and Loftleiðir Icelandic.

WFS invests in Amsterdam facility

Cargo handler Worldwide Flight Services (WFS) is to open a new offline cargo warehouse at Amsterdam Schiphol to support its growing client base at the airport and add capacity ahead of the winter 2022 peak season. The new 3,000m² facility is the fourth WFS cargo terminal at Schiphol, taking the company's overall footprint to 17,500m² and will be dedicated to handling offline cargoes.



Willie Walsh, IATA's Director General at the IATA AGM in Doha.

Photo: IATA

Airline profitability on the horizon

Cargo volumes forecast to hit record high

During the recent IATA Annual General Meeting (AGM) in Doha, Qatar, the trade body gave an update on the airline industry's 2022 financial performance as the pace of recovery from the COVID-19 crisis quickens.

IATA's data shows that industry losses are expected to reduce to -\$9.7 billion (improved from the October 2021 forecast for an \$11.6 billion loss) for a net loss margin of -1.2%. That is a huge improvement from losses of \$137.7 billion (-36.0% net margin) in 2020

and \$42.1 billion (-8.3% net margin) in 2021. Industry-wide profitability in 2023 appears within reach with North America already expected to deliver an \$8.8 billion profit in 2022. "Airlines are resilient. People are flying in ever greater numbers. And cargo is performing well against a backdrop of growing economic uncertainty. Losses will be cut to \$9.7 billion this year and profitability is on the horizon for 2023. It is a time for optimism,

even if there are still challenges on costs, particularly fuel, and some lingering restrictions in a few key markets," said Willie Walsh, IATA's Director General.

The time required to recruit, train, complete security and background checks, and perform other necessary processes before staff are "job-ready" is presenting

is thrilled to see its own optimistic outlook for growth in air cargo has been reflected in the findings of the IATA Annual Review 2022.

"With our own volumes set to treble in 2022, and growing interest from North America, the Far East and South America, we are confident that this growth will continue – even in the face of inflation

and economic downturn. The financial picture is also inspiring confidence: while overall air cargo revenues have nearly doubled since 2019, CharterSync's own

revenues are set to treble in 2022," said Gillett.

Walsh said as the industry returns to more normal levels of production and with high fuel costs likely to stay for a while, profitability will depend on continued cost control, and that encompasses the value chain. "Our suppliers, including airports and air navigation service providers, need to be as focused on controlling costs to support the industry's recovery."

“It is a time for optimism, even if there are still challenges on costs, particularly fuel, and some lingering restrictions in a few key markets.”

Willie Walsh, IATA's Director General

a challenge for the industry in 2022. In some cases, employment delays may act as a constraint on an airline's ability to meet passenger demand.

IATA's report indicates that despite economic challenges, cargo volumes are expected to set a record high of 68.4 million tonnes in 2022. Ed Gillett, Co-founder, and Director of digital air cargo charter company, CharterSync, told *AviTrader Weekly* that CharterSync

AIRCRAFT & ENGINE NEWS

Cirrus Aircraft delivers first training aircraft to United Aviate Academy

Cirrus Aircraft has delivered the first of twenty-five SR Series TRAC20 aircraft to United Aviate Academy. The TRAC20 is an advanced, high-performance aircraft that will be used for initial pilot training at the only ab-initio flight academy operated by one of the largest U.S.-based carriers, United Airline (United)s. In February, the company announced a purchase agreement with United Aviate Academy to purchase twenty-five TRAC20 aircraft with the option to acquire fifty more as the programme grows. United Aviate Academy's TRAC20 fleet is equipped with an integrated avionics suite essential for situational awareness and hazard avoidance, such as Synthetic Vision, ChartView, Active Traffic and more. These advanced avionics will prepare United Aviate Academy students for their careers at regional and mainline airlines after graduation. Additionally, the hot-weather package keeps students and instructors comfortable in the Goodyear, Arizona training environment. The hazard and traffic avoidance features provide extra safety in this dense flight training area. United Aviate Academy's year-long training programme at Phoenix Goodyear Airport sets up students for a career that reflects United's high standard of professionalism and commitment to delivering a safe, caring, dependable and efficient travel experience. The Academy is part of United's industry-leading pilot career development programme, which offers aspiring and established pilots the most direct path to a United flight deck. Within the next decade, United aims to hire more than 10,000 pilots and train about 5,000 aspiring pilots through the Academy.

PW127XT-S engine selected to power D328eco™ regional turboprop

Pratt & Whitney Canada and Deutsche Aircraft have announced that the PW127XT-S engine has been selected to power the D328eco™ regional turboprop. The engine will be another model in the XT series which sets a new benchmark in regional aviation, delivering a significant improvement in operating costs and sustainability. The PW127XT-S will be developed according to the D328eco timeline. "We have worked closely with the D328eco team over a number of years to develop the best engine option for the aircraft," said Maria Della Posta, President, Pratt & Whitney Canada. "The PW127XT-S provides airlines 40% more time on wing, a 20% reduction in maintenance costs with only two scheduled events over ten

Goshawk delivers second A320 aircraft to Viva Aerobus



Photo: Goshawk completes delivery of the second A320 aircraft to Viva Aerobus

Dublin-based aircraft lessor Goshawk has announced the delivery of one Airbus A320 aircraft to Viva Aerobus. Viva Aerobus operates point-to-point services from Monterrey, Guadalajara and Mexico City to destinations across Mexico, the U.S.A. and Cuba. The aircraft was successfully delivered on June 15 and represents the second aircraft delivery by Goshawk to Viva Aerobus, following the first last November. This additional delivery highlights the ongoing successful relationship established between the two parties.

First helicopter flight powered solely by sustainable aviation fuel



An Airbus H225 has performed the first ever helicopter flight with 100% sustainable aviation fuel (SAF)
Photo: Airbus/Thierry Rostang

An Airbus H225 has performed the first ever helicopter flight with 100% sustainable aviation fuel (SAF) powering both Safran's Makila 2 engines. This flight, which follows the flight of an H225 with one SAF-powered Makila 2 engine in November 2021, is part of the flight campaign aimed at understanding the impact of SAF use on the helicopter's systems. Tests are expected to continue on other types of helicopter with different fuel and engine architectures with a view to certify the use of 100% SAF by 2030. "This flight with SAF powering the twin engines of the H225 is an important milestone for the helicopter industry. It marks a new stage in our journey to certify the use of 100% SAF in our helicopters, a fact that would mean a reduction of up to 90% in CO2 emissions alone," said Stefan Thome, Executive Vice President, Engineering and Chief Technical Officer, Airbus Helicopters.

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years and a 3% improvement in specific fuel consumption. We support Deutsche Aircraft's vision of building a green aviation company and we're confident that the PW127XT-S is the ideal match for the D328eco."

Chorus Aviation announces expansion of assets under management

Chorus Aviation (Chorus) has announced that its wholly owned subsidiary, Falko Regional Aircraft (Falko), has expanded its portfolio of assets under management. Falko has added a total of 35 turboprop aircraft to its portfolio in a servicing capacity on behalf of a syndicate of banks. Joe Randell, President and Chief Executive Officer, Chorus stated: "I'm pleased to see the continued expansion of our asset management business and to demonstrate the ability of Falko to continue to diversify its customer base. This transaction further validates our belief in the attractiveness of the regional aircraft market and in Falko, as a market-leading aircraft asset management company." The transaction is not expected to impact the financial forecast set out in Chorus' news release dated May 5, 2022.

Rolls-Royce advances hybrid-electric flight with new technology

Rolls-Royce is officially announcing the development of turbogenerator technology, which includes a new, small engine designed for hybrid-electric applications. The system will be an on-board power source with scalable power offerings and will complement the Rolls-Royce electrical propulsion portfolio, enabling extended range on sustainable aviation fuels and later, as it becomes available, through hydrogen combustion. Current battery technology means all-electric propulsion will enable eVTOL and fixed-wing commuter aircraft to perform short flights in and between cities and island-hopping in locations like Norway and the Scottish Isles. By developing turbogenerator technology that will be scaled to serve a power range between 500 kW and 1200 kW, it can open up new, longer routes that the electric battery-powered aircraft can also support. Rolls-Royce experts based in Germany, Norway and Hungary are developing the turbogenerator design and working on its system integration and are focused on ensuring smart power distribution during flight. The turbogenerator will recharge batteries after take-off or power propellers directly, enabling aircraft to switch between power sources in flight. The research and development of this technology is being part funded by the German Ministry for Economic Affairs and Climate Action.

Eve and Fahari Aviation sign agreement to scale Urban Air Mobility with an order of up to 40 eVTOLs

A subsidiary of Eve Holding (Eve) and Kenya Airways' subsidiary, Fahari Aviation, signed a Letter of Intent (LoI) in March for up to 40 electric vertical take-off and landing (eVTOL) vehicles. The agreement includes joint studies through a working group to develop and scale the UAM



Fahari Aviation has signed a Letter of Intent (LoI) for up to 40 electric vertical take-off and landing (eVTOL) vehicles
Photo: Embraer

market and a business model for cargo drone operations in Kenya. The project is expected to start deliveries in 2026. Eve's eVTOL lift & cruise vehicle is electric-powered and the most practical design for efficiency and certifiability. Its multiple rotors are used to take off and land vertically, and at cruise altitude the rear propellers push the aircraft forward as in a wing-borne flight, providing a low-noise experience and making it easier to move within cities while avoiding traffic jams. Fahari Aviation has been focusing on innovative and sustainable solutions to address different issues, such as traffic jams, sightseeing, parcel delivery, agriculture and wildlife protection, and Eve's zero-emission, low-noise and accessible eVTOL, together with its global experience, will benefit the development of air mobility in Kenya.

StandardAero inducts 1,000th HTF7000 series engine



The Cessna Citation Longitude is powered by HTF7000 engines

Photo: Textron Aviation

StandardAero's Business Aviation team has inducted its 1,000th Honeywell HTF7000-series engine into its Augusta, GA facility, the first to achieve this significant milestone in support of the engine series. StandardAero is the industry's first OEM-authorized independent, heavy MRO provider for this engine model. Over the past three years, the company has continued to invest in efforts to grow HTF7000 services, expanding its test cell capability and tooling as well as improving turn-around-times for customers. HTF7000 series engines are designed for on-condition maintenance which can help operators minimize risk and disruption to flight schedules due to unexpected engine repairs by conducting regularly scheduled borescope inspections. StandardAero also owns the industry's largest HTF7000-series engine rental bank where engine removal and replacement can be performed by StandardAero's geographically dispersed Mobile Services Teams on-site for customers or at the company's Augusta facility, where HTF7000-series engines are routinely serviced. The HTF7000 is the engine of choice for a wide variety of business aviation aircraft in the mid-size and super-mid-size categories such as the Bombardier Challenger 300 and 350, the Embraer Legacy 450 and 500, and Praetor 500 and 600, the Gulfstream G280 and the Cessna Citation Longitude.

AIRCRAFT & ENGINE NEWS

Twin turboprop Braathens ATR becomes first commercial aircraft to fly on 100% SAF

The results of a successful collaboration between regional aircraft manufacturer ATR, sustainable aviation fuel (SAF) supplier Neste, and the Swedish carrier Braathens Regional Airlines have culminated in the world's first successful all SAF-fuelled flight of a commercial aircraft, an ATR 72-600 prototype. It is estimated that SAF reduces greenhouse gas emissions by up to 80% during its life cycle. The ATR 72-600 twin turboprop is powered by Pratt & Whitney PWC 127F engines and according to ATR, the aircraft already emits 40% less CO2 per trip than equivalent regional jets operating on standard aviation fuel. The aircraft had performed successful ground and flight tests earlier in the year with one engine fuelled by SAF. It is hoped that the collaboration between the firms will see the certification process for 100% sustainable aviation fuel (SAF) completed by 2025. As a drop-in fuel, it can be used in existing aircraft engines and is compatible with current airport fuel infrastructure. Jonathan Wood, Neste's Vice President Europe, Renewable Aviation commented: "Test flights like this show it is possible to safely fly on 100% SAF and help accelerate the adoption of SAF in aviation." Per G Braathen, Chairman of Braathens Regional Airlines stated "As a leading Swedish domestic airline our sustainability focus started long before any other airline, and this milestone is one of the main pillars and represents a real innovation for the industry. It proved that 100% SAF is the most immediate and effective option we have to reduce CO2 emissions and move faster to a decarbonised industry."



The world's first successful all SAF-fuelled flight of a commercial aircraft, an ATR 72-600 prototype
Photo: ATR



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MRO & PRODUCTION NEWS

Acro picks up pace to fulfil seat order for flyadeal

Shipsets are rolling off the production lines at the new Acro headquarters in Crick, Northamptonshire, U.K. as, post-pandemic, the company has picked up pace on fulfilment of a 5,670 pax order for flyadeal, the new low-cost airline owned by Saudi flag carrier, Saudia. The airline, based at the King Abdulaziz International Airport, Jeddah, expects to double in size this year and has fleet growth firmly in view to service its fast-expanding network to domestic and international destinations across the Middle East. The Acro seating contract is for line-fit of thirty Airbus A320neo aircraft, with options for a further twenty of the model. Acro Series 6 seating will be used throughout the aircraft, with a premium version, complete with extra comfort covers and styling detail, on the first four and two over-wing exit rows. A new Fixed Recline version of Series 6 was exclusively engineered for flyadeal, with 30" pitch for the first four rows, 36" pitch for two OWE rows and a 28 to 29" pitch range in the remainder of the cabin; maximising use of cabin space without compromising passenger comfort.



Neil Cairns, CEO Acro Aircraft Seating (l) and Con Korfiatis, CEO of flyadeal Photo: Acro Aircraft Seating

RBI Hawker Australia receives ISO 9001 and ISO 45001 certifications



RBI Hawker has been awarded ISO 9001 and ISO 45001 certifications Photo: JetAviation

RBI Hawker has been awarded ISO 9001 and ISO 45001 certifications for its quality management and occupational health and safety management systems, respectively. Since commencing operations in Australia in 2021, the company continues to build on its capabilities to better meet customer needs. ISO 9001 is the international standard that specifies requirements for a quality management system and is used to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements. This certification is complemented by ISO 45001 which is the world's first international standard dealing with health and safety at work. It gives guidance to enable organisations to provide safe and healthy workplaces by preventing work-related injury and ill health, as well as by proactively improving its OH&S performance. RBI Hawker (Middle East) has been providing maintenance support to both commercial and military helicopter operators in the Middle East, Africa, Asia, Eastern Europe and wider regions since 2005. Both RBI Hawker locations are authorised Bell CSF and Leonardo service centres with an extensive OEM-approved standard and expanded repair portfolio.

Turkish Technic completes first Boeing 777-300ER landing gear overhaul

A leading provider of technical services and solutions for commercial aircraft and its components, Turkish Technic has completed its first Boeing 777-300ER landing gear overhaul. Increasing its competitiveness in the sector with its newly gained aircraft type and component capabilities while increasing its service portfolio in the last few years, Turkish Technic has added a significant milestone in this regard as the landing gear shipset for the 777-300ER-type is vastly different to other Boeing 777 models. As a one-stop MRO company with high-quality services, competitive turnaround times and comprehensive in-house capabilities at its state-of-the-art workshops and hangars, Turkish Technic provides comprehensive landing gear services for Airbus A319, A320, A321, A330-enhanced, A330-family, A340, Boeing 737 Next Generation and 777-300ER aircraft.



Photo: Turkish Technic

MRO & PRODUCTION NEWS

HAECO and Make-A-Wish fulfil life-changing wish for young boy aspiring to become an aircraft engineer

HAECO Group and Make-A-Wish Hong Kong have joined hands to fulfil a young boy's dream of becoming an aircraft engineer. Diagnosed with osteosarcoma and a brain tumour in 2019, 14-year-old Yan Dick has always been fascinated with aircraft and aspires to become an aircraft engineer. During his spare time, he enjoys making paper planes and builds model aircraft. To fuel his passion in aviation, he even reached out to aircraft manufacturers to discuss technical specifications of aircraft and often researches on how to make his airplanes fly better. Special arrangements were made for Yan to visit HAECO Hong Kong so that he could experience a day in the life of an aircraft engineer. To ensure he was fully immersed in the whole work experience, he put on the HAECO uniform on arrival and began the day with an introductory training by Vega Cheung, a licensed aircraft engineer. After the classroom training, they proceeded to the maintenance hangar, where Yan was able to put his newly acquired training and knowledge into action. Under close supervision by Vega and HAECO Hong Kong Technical Training Manager SK Chan, Yan "performed" maintenance checks of the landing gear, engines, as well as the control panel of the cockpit on an Airbus A350 aircraft. These tasks were completed successfully and signed off by Yan. The unique experience came to an end with an award certification to Yan in recognition of his achievement. Clement Au, General Manager of Training, said: "We are always encouraged by youngsters who are passionate about aircraft engineering, and it has been an honour for us to help Yan Dick to fulfil his dream of becoming an aircraft engineer for a day. HAECO believes in positively impacting people's lives within the communities in which we operate. We work together and strive to connect people in the community, giving each other joy, hope and support. The wish not only gave Yan Dick something to cherish upon, but also strength to face the challenges ahead."



Yan Dick "performed" maintenance checks on an Airbus A350 aircraft

Photo: HAECO

Airbus selects KLK Motorsport and Modell- und Formenbau Blasius Gerg GmbH to develop rear structure for CityAirbus NextGen



CityAirbus NextGen

Photo: Airbus Helicopters & Productions Autrement Dit

Airbus is partnering with KLK Motorsport and Modell- und Formenbau Blasius Gerg GmbH to design, develop and manufacture the rear structure for the CityAirbus NextGen electric vertical take-off and landing (eVTOL prototype). The companies will work together to develop an ultra-lightweight rear fuselage, which plays a key role in the airframe's flight efficiency, and which meets the high standards of reliability and performance for Airbus' eVTOL prototype. The two partners will design high-end composite solutions and components that will equip CityAirbus NextGen's rear structure, through a collaborative framework that enables them to mutually benefit from each company's competencies in design, engineering and manufacturing processes. In September 2021, Airbus unveiled its eVTOL prototype, CityAirbus NextGen, to explore advanced air mobility technologies and bring urban air mobility services to life. Over the past few months, the company has selected partners for structural components of its prototype, such as Thales and Diehl, who will develop the aircraft's flight control computers, or Spirit AeroSystems for its wings. Airbus is also working closely with industrial and

institutional partners to lead the development of urban air mobility ecosystems, as recently announced with ITA Airways in Italy, or through the launch of the Air Mobility Initiative in Germany.

MRO & PRODUCTION NEWS

Embraer inaugurates Sorocaba Services Center expansion

Embraer has inaugurated new hangars at the Sorocaba Service Center, in the São Paulo countryside, doubling its useful area from 20,000 m² to 40,000 m². The unit, which completed eight years of operation in March 2022, now has four hangars, three of which are dedicated to maintenance, repair and component overhaul (MRO) services and one to support fixed-base operator (FBO) operations. "There is consistent growth in the executive aviation segment in Brazil and we see great opportunities for the service sector in the coming years, aligned with our growth plans for both the Services and Support business unit and Embraer itself," said Johann Bordais, President, and CEO of Embraer Services & Support. "This investment reaffirms Embraer's commitment to serving its customers more comprehensively and with even better support." Embraer



Official inauguration of Embraer's Sorocaba Service Center expansion

Photo: Embraer

Sorocaba has a complete portfolio of services for maintenance, interior refurbishments, hangarage, airport services, stopover assistance and aircraft preservation, in addition to approved workshops for various aeronautical components. Sorocaba Service Center also has the capacity to perform aircraft modifications, such as the conversion of Legacy 450 jets into Praetor 500 jets.

Oriens Aviation joins Cirrus Aircraft's network of authorised service centres



Photo: Oriens Aviation is now a Cirrus Partner

Oriens Aviation is pleased to announce it is now able to offer third-party maintenance repair and overhaul (MRO) work on the Cirrus SR family of single-engine piston aircraft. It is expanding its presence at its London Biggin Hill Airport HQ to accommodate the type, which has become increasingly popular in Europe with first-time owners. At AERO Friedrichshafen, Germany in April, Cirrus highlighted that nearly 40% of buyers of the SR2X series in 2021 were new to aviation and 25% of SR orders were from outside the US, prompting the manufacturer to open a regional operations office in Rotterdam, The Netherlands. Oriens Aviation offers an attractive Southeast London MRO location, complementing existing UK providers in Guernsey, Gloucestershire and Leeds. A number of Oriens engineers have completed their factory training on the SR in readiness to support the SR2X. Oriens' General Manager for Maintenance, Stuart Locke, will oversee technicians and engineers on the type, as well as further investment in equipment and tooling. The business is currently recruiting additional B1/B2 engineers.

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AEI to provide six additional B737-800SF freighter conversions to Aero Capital Solutions

Aeronautical Engineers, Inc. (AEI) will provide Austin-based, Aero Capital Solutions (ACS), with six additional B737-800SF freighter conversions. Upon completion of this new order, ACS will have a total of 40 AEI B737-800SF freighter conversions in its fleet. In October of 2020, ACS placed its first order for the B737-800SF freighter conversion and has since become AEI's largest customer for the B737-800SF. All aircraft in this order will be inducted and completed during the 2024 calendar year. The modification touch labour and maintenance requirements for the six conversions will be split between the authorised AEI STAECO and HAECO conversion centres. AEI is currently the only conversion company to have ETOPS 180 approval on the Boeing 737-800 freighter conversion. Additionally, AEI can convert all 737-800-line number aircraft, including those with Split Scimitar winglets.

GA Telesis announces disassembly of Boeing 777-200ER, Airbus A320 and A340-600 aircraft

GA Telesis (GAT) has announced a substantial expansion to its inventory of Used Serviceable Material (USM) with the disassembly of a Boeing 777-200ER, two Airbus A320-200 and four Airbus A340-600 aircraft. GAT's Component Solutions team will manage the distribution of the USM from these three aircraft types, building on its reputation as a leading independent aftermarket used

MRO & PRODUCTION NEWS

Airbus and Linde to cooperate on hydrogen infrastructure for airports



Sabine Klauke, CTO Airbus and Philippe Peccard, VP Clean Energy, Linde, sign cooperation agreement at the ILA Airshow in Berlin
Photo: Airbus

Airbus and Linde, a leading global industrial gases and engineering company, have signed a Memorandum of Understanding (MoU) to work on the development of hydrogen infrastructure at airports worldwide. The agreement follows a cooperation agreement signed in Singapore in February and covers collaboration on global supply chains for hydrogen, from production to airport storage, including the integration of refuelling into normal ground handling operations. Both companies will define and launch pilot projects at several airports from early 2023 onwards. In addition, Airbus and Linde will analyse the potential of Power-to-Liquid fuels – a type of Sustainable Aviation Fuel (SAF) made from the synthetically produced liquid hydrocarbon through the conversion of renewable electricity. The use of hydrogen to power future aircraft is not only expected to significantly reduce aircraft emissions in the air but could also help decarbonise air transport activities on the ground. In 2020 Airbus launched the “Hydrogen Hub at Airports” programme to jumpstart research into infrastructure requirements and low-carbon airport operations, across the entire value chain. To date agreements have been signed with partners and airports in France, Italy, South Korea, Japan and Singapore.



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MRO & PRODUCTION NEWS

serviceable material supplier. GA Telesis' Flight Solutions Group (FSG) has disassembled over 425 commercial aircraft with the inventory supporting the day-to-day operational requirements of airlines and MROs worldwide. FSG's strategy to maintain the highest level of USM in support of the industry is also an integral part of GAT's SNAP, iGEAR, ACCESS, exchange, and lease programmes, providing cost-effective solutions to operators, globally.

FINANCIAL NEWS

JetBlue further improves proposal to acquire Spirit Airlines, offers US\$2 more per share

JetBlue has submitted a decisively superior proposal to the Board of Directors of Spirit Airlines to acquire all of the outstanding common stock of Spirit. The further improved proposal, which was submitted at the request of Spirit's Board and following completion of JetBlue's diligence review and discussions with Spirit's management team, is an update to JetBlue's previous proposals (dated March 29, 2022, April 29, 2022, and June 6, 2022, respectively) and is structured to maximise value and certainty for Spirit and its stockholders, with terms including:

- Increased price of \$33.50 per Spirit share: JetBlue's proposal continues to offer Spirit stockholders a superior, all-cash premium. The increased price of \$33.50 per Spirit share represents an improvement of \$2.00 per share or 6.3% compared to JetBlue's June 6 proposal, and a 67.6% premium to the implied value of the Frontier transaction as of June 17, 2022.

- Stronger divestiture commitment: JetBlue's June 20 proposal includes a significant enhancement to its prior proposals through an obligation to divest assets of JetBlue and Spirit up to a material adverse effect on the combined JetBlue-Spirit, with a limited carve-out to this divestiture obligation for actions that would be reasonably likely to materially and adversely affect the anticipated benefits under JetBlue's Northeast Alliance. This commitment significantly increases the divestitures JetBlue would be willing to commit to making in order to obtain regulatory approval and meaningfully exceeds the divestiture commitment from Frontier.

"After discussions with the Spirit team last week and further due diligence review, we are more convinced than ever that a JetBlue-Spirit transaction would create a true national competitor to the Big Four and deliver value to all of our stakeholders," said Robin Hayes, Chief Executive Officer, JetBlue. "Together, we will deliver lower fares and a better experience to more customers."

MILITARY AND DEFENCE

Airbus supports German Air Force transformation to sustainable aviation fuel

Airbus is supporting the German Air Force in its long-term transformation to increase sustainability of its aircraft fleet, working with the Air Force towards providing the Luftwaffe with a technical allowance to commence national A400M flight trials with loads of up to 50% Sustainable Aviation Fuel (SAF) in the near-term. SAF is a proven alternative fuel that can reduce life cycle CO2 emissions by up to 85% compared to conventional fuel. By that, Germany, which has a total of 53 units on order, is becoming the first customer



Mike Schoellhorn, CEO of Airbus Defence and Space, handing over a bottle of water to Lt. Gen. Ingo Gerhartz, Chief of the German Air Force, as a symbolic gesture of the agreement
Photo: Airbus/Max Leitmeier

nation to launch a gradual transformation to SAF for its operational A400M fleet. As a first step, in 2022, Airbus plans a test flight of an A400M aircraft with a fuel load of up to 50% SAF. This initial test flight will be conducted with one engine to better assess the aircraft's overall behaviour. Upon successful completion of this one-engine flight, Airbus is expecting to continue with four-engine trials in 2023. Once testing activities are completed on the basis of four engines, the A400M platform will formally be allowed for customers with access to 50% SAF.

Lufthansa Technik hands over first Airbus A321LR to the German Armed Forces



Airbus A321LR for the German Armed Forces at the ILA Berlin

Photo: LHT

Lufthansa Technik handed over the first of two Airbus A321LR (Long Range) troop transporters to the German Armed Forces at the ILA Berlin. In the presence of Lufthansa Technik COO Sören Stark and Airbus CEO Guillaume Faury, the State Secretary in the German Ministry of Defence, Benedikt Zimmer and the German Air Chief, Lieutenant General Ingo Gerhartz, formally took delivery of the aircraft with the tactical registration 15+10. The conversion of the aircraft at Lufthansa Technik's base in Hamburg began last December. In the months that followed, it was initially modified for flexible troop and passenger transport as well as parliamentary flight operations on short-, medium- and long-haul routes. The maximum capacity in this configuration is 136 passengers. As part of this initial modification phase, Lufthansa Technik has already made numerous preparations for the so-called MedEvac role, which will expand the aircraft's scope of operations to include capabilities for the qualified air transport of wounded, injured and diseased passengers. This encompassed, for example, extensive pre-modifications such as an extended oxygen supply on board, which is necessary for the upcoming use as a "flying intensive care unit". The necessary supplemental type certificate, both civil and military, for the aircraft together with the associated New Generation Patient Transport Units (German: Patiententransporteinheit Neuer Generation, in short: PTE NG) is planned for mid-2023. It will enable the transport of up to six intensive care patients or up to twelve mildly or moderately ill/injured patients. Lufthansa Technik will deliver a total of twelve units and two reserve units of the PTE NG to the German Armed Forces.

INFORMATION TECHNOLOGY

Aerial Photography specialist **Sandpiper Aviation** has chosen **Rusada's** ENVISION software to manage its airworthiness, maintenance and flight operations. Sandpiper Aviation provides aerial photography, ground surveying and mapping services from its base in Nairobi, Kenya. To perform these activities, they operate and maintain a specialised fleet of 15 light aircraft. They also offer CAMO and Part 145 services for other operators in the region. Sandpiper has signed up for six of ENVISION's modules to manage its operations, including Fleet Management, Base & Line MRO and Flight Operations. The implementation project has already begun with Rusada's teams looking to get Sandpiper live later this year.

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The **International Air Transport Association** (IATA) has expressed strong disappointment with the U.S. Federal Aviation Administration's (FAA) announcement on Friday June 17, on a 5G aircraft retrofit timetable. The FAA plans to require airlines to replace or upgrade FAA-approved radio altimeters on large commercial aircraft by July 2023 in order to protect against potential interference to aviation safety systems from the rollout of 5G near U.S. airports. In contrast to the FAA statement, there is no consensus among impacted airlines that making the July 2023 deadline is possible, particularly given that the FAA has not yet approved solutions and the systems providers cannot guarantee availability of the new equipment within this time frame. All parties are committed to safety, but ad hoc unilateral and unrealistic pronouncements will not achieve this goal. All stakeholders need to work together to define solutions and deadlines that reflect reality and preserve safety, IATA stated in a press release.

Finnair has signed a new fuel sales agreement with Colorado-based renewable fuels producer **Gevo**. The agreement outlines the details for the purchase of 7 million gallons per year of sustainable aviation fuel (SAF) for five years starting from 2027. The expected value of the agreement is US\$192 million (\$157 million) over the five-year period, including associated environmental benefits. This agreement is part of oneworld® Alliance's plan to purchase up to 200 million gallons of sustainable aviation fuel per year from Gevo. Finnair uses an extensive toolkit to achieve emission reductions – using sustainable aviation fuels, reducing the weight of aircraft, developing fuel-efficient flight methods,

INFORMATION TECHNOLOGY

AVIATAR, **Lufthansa Technik's** digital solutions suite, will soon be further developed on Spain's east coast: to meet the high demand for digital products, Lufthansa Technik will be opening a new location in Valencia on July 1. By the end of the year, an initial team of up to 20 IT experts will be working on data-driven applications ranging from predictive maintenance to automated fulfilment solutions optimizing the entire value



AVIATAR team Valencia

Photo: LHT

chain of the aviation industry. Valencia, with its leading universities and rising tech company ecosystem, was chosen as the ideal location for growing internationally. An emerging tech scene with more than 900 start-ups, multiple incubators and community events create opportunity for future collaborations. In order to ease its landing and effectively connect with the local business network, AVIATAR has partnered with the Invest in Valencia Office, a joint initiative of the City Council of Valencia and the Official Chamber of Commerce acting as a facilitator and connective link to the city. At AVIATAR Valencia, the new colleagues will work in synchrony and at eye-level with their counterparts at the headquarters in Hamburg, Germany. Agile software development is applied across the entire organisation and each employee is directly assigned to a product. This accelerates the onboarding process and allows to have a meaningful impact right from the start. Initially, AVIATAR will settle within a co-working space close to the city centre of Valencia. Both, hybrid working and a lively exchange across the two locations are encouraged. AVIATAR is looking for experienced full-stack developers and software architects who are eager to work in an international environment and driven to disrupt the aviation industry digitally. At a later stage this year, data scientists and junior positions in further disciplines will also be available.

OTHER NEWS



Eight airports in Poland will benefit from new air/ground communications technology
Photo: SITA

The **Polish Air Navigation Services Agency** (PANSO) has selected global air transport IT provider, **SITA**, in a four-year contract to digitally transform air/ground communications and boost air traffic safety and efficiency. Eight of Poland's international airports will be participating: Warsaw, Krakow, Gdansk, Katowice, Modlin, Wroclaw, Poznan and Rzeszow. Air Navigation Service Providers (ANSPs),

like PANSO, must be able to manage efficient, reliable, clear and important data exchanges with aircraft pilots, such as clearance for departures. To meet this critical need for communicating with air traffic management systems and aircraft, moving from voice to digital departure clearance with SITA's ATC Datalink Services will enable the efficient and safe running of the airspace overseen by PANSO. The Departure Clearance (DCL) datalink service supports the digital exchange of departure clearances between the air traffic controller and the pilot and easily interfaces with other systems used by the Air Traffic Controller Officer (ATCO). DCL is faster and more accurate because it reduces misunderstandings often associated with conventional, lower-quality voice communications. It increases safety and reduces delays by ensuring correct, timely clearances reach the intended aircraft.

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offsetting and engaging customers in reducing aviation emissions. Finnair is also actively exploring the possibilities of introducing new technologies into its operations. "Finnair has ambitious emissions reduction targets: by the end of 2025, we intend to halve the level of net emissions from 2019 and achieve carbon neutrality latest by the end of 2045. SAF plays an important role for reaching these targets," says Eveliina Huurre, SVP Sustainability at Finnair.

Collins Aerospace is leveraging the synergies of its recent acquisition of FlightAware by announcing at the World ATM Congress the availability of new aircraft tracking and alerting features for its Uncrewed Aircraft System (UAS) digital platform, WebUASSM. By integrating FlightAware FirehoseSM, the most comprehensive global flight tracking and ADS-B flight status data feed, WebUAS is now able to provide Air Navigation Service Providers (ANSP) and UAS operators an even higher-fidelity picture of active flight operations within airspace they are monitoring. Autonomous and remotely piloted flights are currently unable to commercially operate beyond visual line of sight (BVLOS) because of gaps in air traffic management (ATM) technologies and infrastructure systems. Collins is helping to bridge these gaps with the integration of aircraft telemetry data and primary radar feeds and the ability to stream real-time aircraft tracking data from 195



easyJet is the first airline partner for Iris, a ground-breaking air traffic management programme
Photo: easyJet

easyJet is the first airline partner for Iris, a ground-breaking air traffic management programme that will act as an enabler to systems that will minimise flight delays, save fuel and help reduce the environmental impact of air travel. The programme is led by **Inmarsat**, a world leader in global, mobile satellite communications,

in collaboration with the European Space Agency (ESA) and Airbus. Iris is a key component of modernising and digitalising the aviation industry and supports the Single European Sky's ATM Research (SESAR) masterplan for next-generation air traffic management. easyJet has recently announced its interim science-based carbon reduction target, a 35% carbon emissions intensity improvement by FY2035 on a FY2020 baseline, as part of the airline's Race to Zero commitment to achieve net-zero carbon emissions by 2050. Ultimately, easyJet wants to achieve zero carbon emission flying, for example using hydrogen technology and is working with partners across the industry, including Airbus, GKN Aerospace, Cranfield Aerospace Solutions and Wright Electric, on several dedicated projects to accelerate the development of this technology. Until zero carbon emission technologies are available, the airline remains absolutely focused on reducing its current carbon emissions as far as possible and programmes like Iris play an important role. Iris not only helps the airline to continue to operate its aircraft as efficiently as possible to achieve further efficiency improvements, thus complementing existing initiatives such as adjusting single-engine taxiing on arrival and departure or using advanced weather information and flight efficiency partnerships with key stakeholders such as Airbus, Collins Aerospace, NATS and Eurocontrol. The programme also supports airspace modernisation. This is crucial for the entire industry as it is the most achievable source of carbon reductions right now as more direct flight paths lead to shorter flying times. The Single European Sky has stated an ambition to deliver 10% carbon emissions savings from European aviation.

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OTHER NEWS

different countries, private data link partners and the most comprehensive ADS-B network.

British Airways (BA) check-in and ground staff, half of whom are members of the **GMB union**, have overwhelmingly voted for strike action over what has been referred to as “fire and rehire” reduced pay. The remainder, who belong to the Unite union, are also being balloted, and results should be known on Monday. For the GMB union members, 95% of an 80% turnout voted in favour of strike action which will likely occur during the school holidays. The principal cause for complaint relates to the “fire and rehire” policy operated by BA during the pandemic where these workers’ pay was effectively cut by 10%. While many other BA employees have had their wages reinstated, these low-paid workers, mainly women, have not, and a one-off 10% bonus with no increase in their current wage proposition from BA has been rejected. GMB has pointed out that bosses’ pay has returned to pre-pandemic levels and BA’s parent company, IAG, is set to see its CEO awarded a bonus of £4.9 million if he hits agreed targets. Nadine Houghton, a GMB national officer, said: “With grim predictability, holiday makers face massive disruption thanks to the pig-headedness of British Airways. Our members need to be reinstated the 10% they had stolen from them last year with full back pay and the 10% bonus which other colleagues have been paid. GMB members at Heathrow have suffered untold abuse as they deal with the travel chaos caused by staff shortages and IT failures. At the same time, they’ve had their pay slashed during BA’s callous fire and rehire policy.” Additionally, many thousands of BA engineers, at Heathrow, Gatwick and in Scotland, along with call centre staff in Newcastle and Manchester, are currently conducting consultative ballots over potential strike action in a separate pay dispute.

The **British government** has announced it is relaxing rules governing the use of airport slots in the UK as a means of counteracting the current spate of carriers’ flight cancellations. Previously, airlines had been notified that if they did not use a minimum of 70% of all their slots, then they would lose those they were not using. As a consequence, to protect what are seen as a valuable asset, many airlines scheduled flights that they knew they would be unable to operate owing to severe staff shortages created by the ramp-up in demand for air travel post pandemic restrictions. Instead, the government has given an “amnesty” on “use them or lose them” airport slots, allowing airlines a short period of time in which to hand back slots for take-off and landing, though just for the summer season. “It’s crucial (people) don’t face disappointing



Aviator signs new partnership agreement with Pegasus

Photo: Avia Solutions Group

Aviator Airport Alliance, a full-range provider of aviation services at 15 airports across the Nordics and a family member of **Avia Solutions Group**, has signed a new contract with Turkish low-cost carrier **Pegasus Airlines**. Aviator and Pegasus have been working together at the Göteborg Landvetter Airport in Sweden for many years and this new contract extends the partnership for three more years. Under the new partnership, Aviator Airport Alliance will provide Pegasus with ground handling and de-icing services.



The Australian Sustainable Aviation Fuel Partnership was signed by Qantas Group CEO Alan Joyce (l) and Airbus CEO Guillaume Faury (r) in Doha

Photo: Airbus

European planemaker **Airbus** and the **Qantas Group** have agreed to invest US\$200 million (£164 million) in Australian-developed and -produced feedstock and sustainable aviation fuel (SAF) initiatives, called the Australian Sustainable Aviation Fuel Partnership. As Australia currently lacks a commercial-scale SAF industry the partnership’s aim is also to help Qantas Group achieve its goal of introducing 10% SAF into

its overall fuel mix by 2030. The partnership has come about through Qantas’ recent orders for Airbus A350-1000s for the Australian carrier’s Project Sunrise non-stop flights to both New York and London, as well as the Group’s Project Winston domestic fleet renewal involving A220 and A321XLR jets. The new fleet should immediately reduce fuel consumption and carbon emissions by 25% for both Qantas Airlines and its subsidiary Jetstar. The partnership is initially for five years with options to extend the duration. Qantas’ financial contribution to the Australian Sustainable Aviation Fuel Partnership includes AU\$50 million previously committed to research and development of SAF in Australia. Pratt & Whitney, whose GTF engines were recently selected by Qantas for its new A220 and A320neo-family aircraft, is also contributing to the venture. The company supports greater use of cleaner, alternative fuels including SAF, while continually advancing the efficiency of aircraft propulsion technology. Qantas Group CEO Alan Joyce stated that the investment will accelerate the development of SAF in Australia, creating value for both companies’ shareholders while also creating jobs and reducing the nation’s dependence on imported fossil fuels. “The use of SAF is increasing globally as governments and industry work together to find ways to decarbonise the aviation sector. Without swift action, Australia is at risk of being left behind,” Joyce commented.

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last-minute cancellations and chaos at airports when the system can't deliver. And I will do everything in my power to stop that," Transport Minister Grant Shapps said. "Today's [Tuesday's] announcement aims to help airlines provide certainty to passengers and ensure the next few months are as smooth as possible."

INDUSTRY PEOPLE



Dwayne Charette

- The Ontario Aerospace Council has announced that **Dwayne Charette**, President and Chief Operating Officer of Airbus Helicopters Canada, was elected Board Chair and assumed the role on May 27. His responsibilities include chairing OAC executive committee and Board of Directors' meetings, providing oversight of organisational operations, as well as advocating for Ontario's aerospace industry within the province, at the federal level and globally. Charette was appointed President of Airbus Helicopters Canada on August 1, 2019, adding to his previous role of Chief Operating Officer. As President, Charette's responsibility was expanded to include all facets of the enterprise in Canada, and he is the accountable executive for the Canadian helicopter business line. He is a member of Airbus Helicopters' North American Executive Committee as well as the representative of Airbus Helicopters within Airbus in Canada's senior leadership team. Charette began his career with Airbus Helicopters in 2003 and has been a member of the OAC board since 2016, including chair of the scholarship committee since 2017.

- Elix Aviation, the international regional aircraft leasing company, is to merge with ADARE Aviation Capital. Elix is owned by funds managed by Oaktree Capital Management (Oaktree), which initiated the merger to enable further investment in the regional Turbo-prop sector and to introduce an experienced new leadership team. The merged companies will operate as Abelo, integrating Elix Aviation's platform and Turbo-Prop portfolio with the management expertise of ADARE Aviation Capital. Effective as of June 21,

Abelo's executive team consist of **Stephen Gorman**, Chief Executive Officer, **Mathieu Duquesnoy**, Chief Marketing Officer and **Michael Hayden**, Chief Operating Officer.



Captain Pich Damrongmanee

- ASQS, a leading global provider of aviation safety and quality management solutions, has announced that **Captain Pich Damrongmanee** has been appointed as Deputy Director General of Bangkok-based ASQS Ltd., an ASQS Group company, effective July 1, 2022. With over 24 years of experience in aviation having worked for companies such as United Offshore Aviation (UOA) and Thai Airways, and 16 years in various management positions in national and international organisations, Capt. Pich brings a wealth of knowledge in various business areas to ASQS. He holds both a fixed-wing and rotary-wing license (Thai and Canadian ATPL(H)), has longstanding experience in offshore helicopter and commercial flight operations, as well as in quality and safety management, which he has further expanded in the scope of his activities as aviation safety management system consultant. Capt. Pich serves as a member in several of the national and international helicopter operation committees including the Thai Pilot Association Technical Committee (Helicopter Operations), Helicopter Association International (HAI – globally the largest helicopter association), the IFALPA Helicopter Committee, as well as the International Society of Air Safety Investigators. In his new role as Deputy Director General at ASQS Ltd., Capt. Pich will be responsible for further business development in Asia, the Middle East and the Pacific regions driving sales activities and further growth of the company, following his predecessors **Larisa Patrascu** and **Jonathan Frey**.



Martin Dunn

- Hans Airways, the new UK airline which is gearing up to start scheduled services from Birmingham to India this year is pleased to confirm the promotion of **Martin Dunn** to Chief Commercial Officer. Dunn joined

the business in November 2021 as Director Sales and Distribution from Etihad Airways, where he led commercial teams focused on pricing, revenue and route management for the Abu Dhabi-based carrier and its airline brands. At Hans Airways he is working closely with CEO Satnam Saini in the executive leadership team and is responsible for overall sales, distribution, marketing, brand and product, e-commerce and digital retail functions, as the airline heads towards launch later this summer. Dunn brings a solid four decades' airline experience in the UK and Middle East, having started his aviation career via the travel agency route. His first airline job was with British Midland in sales, where he was responsible for developing pricing strategy, and establishing the distribution process. He was closely involved in the regional carrier's move into Star Alliance, working alongside counterparts at Lufthansa, SAS and United Airlines.

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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
A319-133	Deucalion Aviation Limited	V2533M-A5	2965	2007	Q4/2022	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
A320-200	BBAM	V2527-A5	2587	2005	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
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	Aug 2022	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
A321-231	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	Deucalion Aviation Limited	CF6-80E	814	2007	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-200	Doric	Trent 772B-60/16	1407	2013	Q3/2022	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-200	GA Telesis	PW4168A	322	2000	Jul 2022	Sale / Lease	David Byrne	aircraft@gatelesis.com	+353 86 780 8974
A330-300	ORIX Aviation	Trent 772B-60/16	1289	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A330-300	BBAM	Trent 772B-60	1633	2015	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	Trent 772B-60	1482	2014	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	airframe only	32414	2003	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800	BBAM	CFM56-7B26/3	29637	2009	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800	ORIX Aviation	CFM56-7B24E	40318	2012	Q2/2022	Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-800SF	GA Telesis	CFM56-7B24	33813	2004	Jul 2022	Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-900ER	Deucalion Aviation Limited	CFM56-7B26	35712	2007	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-900ER	Deucalion Aviation Limited	CFM56-7B26	35717	2007	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B777-200ER	BBAM	GE90-90B	29004	1998	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-200ER	Deucalion Aviation Limited	GE90-94B	32721	2007	Q2/2023	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B777-200ER	Deucalion Aviation Limited	GE90-94B	35295	2007	Q2/2023	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B777-300ER	BBAM	GE90-115BL	38407	2011	Mar 2023	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER (10x)	ALTAVAIR	GE90-115B		06-13	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493

THE AIRCRAFT AND ENGINE MARKETPLACE

Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200	Regional One	CF34-3B1	7925	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7926	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7937	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7941	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
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	15215	2009	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15207	2008	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900ER	Regional One	CF34-8C5	15111	2007	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900ER	Regional One	CF34-8C5	15115	2007	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
DHC8-Q400	Regional One	PW150A	4042	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
DHC8-Q400	Regional One	PW150A	4100	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007	145508	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007	145515	2001	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	Now	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				
(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				
(3) CF34-10E6	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CF34-10E7	Now - Lease				
(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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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80E1A4B	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(1) CF6-80C2B7F	Now - Sale				
(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) CFM56-5B3/3	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiairline.com	+1 786-785-0777
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-5B3/P	Now - Lease				
(1) CFM56-5B1/P	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(3) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CFM56-7B24/E	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-5C4	Now - Lease				
(1) CFM56-7B26E	Now - Lease				
(2) CFM56-5B5/P	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7040
(1) CFM56-5B4/P	Now - Sale / Lease				
(2) CFM56-5B6	Now - Sale / Lease				
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	Josef Noebauer	josef.noebauer@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	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - Lease				
(1) CFM56-5B6/3	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(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
(1) LEAP-1A33	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(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) PW4168	Now - Sale / Lease	Castlelake	Graeme Dodd	Graeme.dodd@castlelake.com	+44 207 190 6138
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
(4) PW127M	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(2) PW150A	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) PW150A	Now - Sale/Lease/Exch.	Regional One	Duane Butler	dbutler@regionalone.com	+1 561-809-0001
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 XWB-84	Now - Sale/Lease/Exch.				
(1) Trent 556-61	Now - Sale/Lease/Exch.				
(1) Trent 772B-60	Now - Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(1) Trent 772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) V2527-A5	Q3/2022 - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) 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 - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	Now - Lease				
(1) V2533-A5	Now - Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) V2527-A5	Now - Sale / Lease	Castlake	Graeme Dodd	Graeme.dodd@castlake.com	+44 207 190 6138
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiairline.com	+1 786-785-0777
(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
(2) 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		engines@gatelesis.com	

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(1) GTCP331-500B Trent 892B-17 Modules	Now - Sale / Exchange	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
(2) GTCP331-200ER, (2) GTCP131-9A, (1) GTCP131-9B (1) A321 Enhanced Landing Gear 2020 OH	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
GE90-115B – Fan Stator Module – P/N 2115M15G04		Altavair	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
(2) A320, (1) A330, (1) A340 Landing Gear Shipsets (1) A320 ENH NLG		GA Telesis		landinggearsales@gatelesis.com	
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Josef Noebauer	josef.noebauer@cfmmaterials.com	+1-214-988-6676
GTCP131-9A (2), GTCP131-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
(1) 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, (1) GTCP131-9A	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(1) GTCP331-500B	Now - Sale/Lease/Exch.				
(2) GTCP331-350, (2) APS2300	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(1) APS3200, (1) GTCP131-9B					
((1) GTCP331-200ER, (2) RE220RJ (2) GTCP36-150RJ	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
(3) GTCP131-9A, (4) GTCP131-9B		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(1) GTCP331-350, (2) 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
(3) APU GTC131-9B, (1) GTCP331-500B	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



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