

Weekly Aviation Headline News

WORLD NEWS

Air Canada launches Boeing 767 freighter to Liege, Belgium

Air Canada Cargo announced the start of operations for its Boeing 767 freighter to Liege, Belgium, connecting a key European destination to Toronto and the carrier's extensive global network. Flights will operate twice per week to Liege, with service increasing to three flights per week later in the year. Service will originate in Toronto and have a stop in Halifax. Next month, Air Canada Cargo will start twice weekly service to Basel, Switzerland, one of Europe's premiere pharmaceutical hubs.

Cathay Pacific collaborates with SPIC to support SAF production in China

Cathay Pacific has teamed up with the State Power Investment Corporation (SPIC) to drive the further development of the Sustainable Aviation Fuel (SAF) supply chain in China. SPIC is one of the largest state-owned energy companies in the Chinese Mainland and a company with the world's largest solar power installed capacity. SPIC and Cathay Pacific have recently signed a Memorandum of Understanding (MoU) covering four SAF plants under SPIC.

Flybondi launches a new airline ticket

The low-cost airline claims to be the first in the world to offer the 3.0 ticket. This new ticket allows passengers to easily change the name on the ticket, give it away or transfer it to another person. The new ticket removes the usual restrictions on changes to the ownership of tickets. The 3.0 ticket is the result of collaborative efforts between Flybondi and TravelX, a technological company that provides solutions to airlines.



Air India is moving some operations from Heathrow to Gatwick.

© Gatwick Airport

London Gatwick's pull factor

As airport attracts more long-haul airlines

London Gatwick, the UK's second largest airport is doing well announcing a string of new airline operations either starting fresh services or switching from London Heathrow. In recent weeks several airlines have indicated the start of new long-haul routes from the London airport.

Air China is the latest carrier to resume services from Beijing to Gatwick, four times per week increasing to daily from April 24. It will be the first since early 2020 that flights have run between Gatwick and China and will support increasing demand for travel between the two countries. Air India is launching four new services from London Gatwick to Ahmedabad, Amritsar, Kochi and Goa, switching them from London Heathrow, and flying on each route three times a week. In a similar move, Air Mauritius will move its operations from Lon-

don Heathrow to Gatwick Airport with daily operations from October 29, 2023. The national airline will boost its frequency from five weekly flights to a daily service to Gatwick using a mix of A350-900 and A330-900neo aircraft.

competitiveness to attract vital new routes to important markets. Despite returning to profitability the airport remains cautiously optimistic about a full recovery, given the current economic uncertainty and inflationary pressure.

Passenger demand is at 70.4% of pre-pandemic levels, with 32.8 million passengers passing through the airport in the year ending 31 December 2022. Revenue is at

“Airlines are looking to operate long-haul routes from Gatwick, which further highlights the strong demand for slots at our airport.”

Stephanie Wear, VP Aviation Development, Gatwick Airport

London Gatwick will be adding another long-haul route to its network from 1 June, when Saudia begins operating flights to Jeddah, Saudi Arabia. The Saudi flag-carrier will fly six times a week to King Abdulaziz International Airport on B787-9 aircraft, increasing to daily services from August. The new services reflect VINCI Airports' commitment to serve communities and sustain business growth by developing air connectivity. It also highlights Gatwick's

£776.6 million, driven by a strong and steady recovery in passenger numbers throughout 2022.

Stephanie Wear, VP Aviation Development, Gatwick Airport said: “As we continue to welcome new and returning airlines to Gatwick, passengers across London and the South East will benefit from greater options to travel. Airlines are looking to operate long-haul routes from Gatwick, which further highlights the strong demand for slots at our airport.”

AIRCRAFT & ENGINE NEWS

AAR to acquire nine Boeing 757-200 passenger aircraft equipped with 18 Rolls-Royce RB211 engines

AAR Supply Chain, a subsidiary of AAR Corporation, will acquire nine Boeing 757-200 passenger aircraft equipped with 18 Rolls-Royce RB211 engines from American Airlines. The assets have been most recently operated by American Airlines. "The acquisition of these aircraft and engines will enable AAR to continue to support the RB211-powered 757 cargo market," said Brian Salvatori, AAR's Vice President of Asset Trading.

AviaAM Leasing delivers fourth 737-800 BCF to lessee

AviaAM Leasing, a global aviation holding company engaged in tailored aircraft leasing and trading services, has announced another delivery of a 737-800 Boeing Converted Freighter (BCF). This is the fourth aircraft in the passenger-to-freighter (P2F) conversion programme. The newly converted aircraft has joined the fleet of Bluebird Nordic, an Icelandic ACMI leasing and cargo airline. With this partnership, AviaAM Leasing is assisting the airline in continuously reaching the step-by-step fleet expansion goals. The 737-800 BCF bearing serial number 29790, underwent the passenger-to-freighter (P2F) conversion works provided by Boeing at Taikoo (Shandong) Aircraft Engineering Company Limited (STAECO) facility in Jinan (TNA), China.



AviaAM Leasing has delivered the fourth 737-800 BCF to Bluebird Nordic © AviaAM

ATR outlines growth plan for 2023



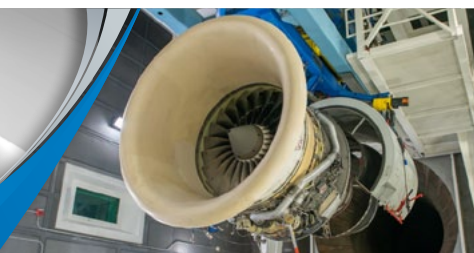
© ATR fleet

After three difficult years due to COVID and a complex economic and geopolitical environment, ATR is set for growth in 2023. In the context of industry-wide supply chain issues, ATR delivered 25 new and 11 pre-owned aircraft in 2022. Nonetheless the global ATR in-service fleet is now close to pre-COVID numbers with 1,200 aircraft flying and the current backlog stands at a solid 160 aircraft. Last year saw 150 new routes created with ATR aircraft. As part of its commitment to decarbonisation, ATR performed the first 100% sustainable aviation fuel (SAF) flight with a commercial aircraft and its brand-new PW127XT engine was certified and entered into service. At the same time, ATR successfully advanced the development of its aircraft family, completing the first test flight of the ATR 42-600S (Short Take-Off and Landing) and launching a feasibility study for its next-generation EVO concept. These achievements showcase the commitment to connectivity, sustainability and innovation that ATR stands for. ATR Chief Executive Officer, Nathalie Tarnaud Laude, said: "The goal for 2023 is to maintain our position as the leading regional aircraft manufacturer, by targeting at least 40 deliveries, with the ambition to ramp up production to 80 aircraft in the coming years. With their unbeatable economics, latest technologies and unrivalled environmental performance, ATR aircraft are what customers need to operate their routes profitably, despite inflation and energy uncertainty. What drives us is that sustainable regional aviation has the power to improve lives globally, providing vital connections to communities and economies, which translates into Gross Domestic Product increases and employment." Now that travel restrictions have been lifted, the company plans to capitalise from the high replacement demand – 1,500 turboprops over the next 20 years –, to tap into underserved markets such as the United States, to increase its footprint on the freighter market and to explore new opportunities, such as corporate, governmental and humanitarian operations.

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AIRCRAFT & ENGINE NEWS

EVA Air finalises order for five additional Boeing 787-9 Dreamliners



EVA Air Boeing 787-9 Dreamliner

© AirTeamImages

EVA Air and Boeing have finalised an order for five additional 787-9 Dreamliners, a repeat order for Boeing's super-efficient wide-body jet. EVA Air's follow-on investment in the 787 will enable the airline to further reduce carbon emissions and sustainably grow its fleet. Built with lightweight composite materials and powered by advanced GEnx engines, the 787-9 will provide the five-star airline with increased capacity, greater range and 25% better fuel efficiency compared to earlier-generation jets. EVA Air's 787 fleet has provided the airline with added flexibility on long-haul routes to North America, Europe and Asia. The Taipei-based airline currently operates a fleet of 10 787s, including four 787-9s and six 787-10s. With this new order, EVA Air has unfilled orders for seven 787-10s and nine 787-9s. EVA Air also operates one of the world's largest 777 fleets with more than 40 airplanes, including passenger and freighter models, with one 777 Freighter on order.

Epic Flight Academy orders 15 new Cessna Skyhawk 172 aircraft

Epic Flight Academy has signed an order for 15 new Cessna Skyhawk 172 aircraft with Textron Aviation. As a Cessna Pilot Centre, Epic Flight Academy has been training pilots since 1999 and thousands of students from over 80 countries have graduated from the flight school. The Cessna Skyhawk is Epic's exclusive single-engine aircraft, with a total fleet of 43 ordered since 2016. The new aircraft will supplement and expand Epic Flight Academy's current fleet based at New Smyrna Beach Municipal Airport in Florida. "The Cessna Skyhawk has been one of the world's top training aircraft for over six decades," said Chris Crow, Vice President, Textron Aviation Piston Sales. "We are thrilled to see these aircraft continue to inspire the next generation of professional pilots through this agreement with Epic Flight Academy."



Cessna Skyhawk aircraft

© Epic Flight Academy

"The stable flight characteristics, advanced avionics, and proven dispatch reliability of the Skyhawk have made it a dependable training platform for Epic. "At Epic, our motto has always been 'Safety first!' This is why we train our pilots in the Cessna Skyhawk," said Danny Perna, founder and CEO, Epic Flight Academy. "This aircraft proves itself with every flight and prepares our students for a successful career. We can't wait to take delivery and expand our fleet."

AIRCRAFT & ENGINE NEWS

Macquarie Rotorcraft to acquire 12-helicopter portfolio from Milestone



Milestone Aviation to sell a 12-helicopter portfolio to Macquarie Rotorcraft

© Milestone Aviation

AerCap offshoot Milestone Aviation Group (Milestone) has agreed to sell a 12-helicopter portfolio to Macquarie Rotorcraft. The portfolio will comprise a combination of Sikorsky S-92, Airbus H135, Bell 412 and Leonardo AW109, AW139 and AW189 helicopters which are presently on lease to six customers in nine countries across Europe, the Middle East, Africa and South-East Asia. These particular aircraft are being deployed across a variety of missions including offshore energy, EMS, and police services. "Unlike the fixed-wing market, portfolio sales have not been as prevalent in helicopter leasing. This transaction between the two leading owners of leased rotorcraft, is another example of the growing maturity of the helicopter leasing sector and reinforces the strong liquidity that we are seeing," said Pat Sheedy, the CEO of Milestone. "The ability to trade on lease assets is a critical part of portfolio management for lessors of scale and we are pleased to partner with such a strong industry player as Macquarie Rotorcraft, and to work together to execute what is a sizeable portfolio transaction."

MRO & PRODUCTION NEWS

GA Telesis signs Honeywell flex shaft global distribution agreement

GA Telesis (GAT) has reached another milestone with Honeywell Aerospace having been awarded multi-year global exclusive distribution rights for CFM56-5B factory-new flex shafts. Effective immediately, the agreement between GAT and Honeywell is another significant expansion of the two companies' business relationship. The Distribution Solutions Group, part of the Flight Solutions Group (FSG), will support customers with factory-new Honeywell products via GAT's regional distribution centres around the world.

HK Express takes delivery of first A321neo aircraft

Low-cost carrier HK Express, a member of Cathay Pacific Group based in Hong Kong, has taken delivery of its first Airbus A321neo aircraft. This milestone marks the first of 16 A321neo aircraft for HK Express and features the airline's latest livery, with vibrant shades of purple and white. In addition, the aircraft's winglets and empennage spots an "e" shaped journey symbol, which evokes the start of a pleasant journey with HK Express. HK Express' A321neo is powered by CFM International LEAP-1A engines and can seat up to 236 passengers in Airbus' award-winning Airspace cabin, which brings unique lighting displays, more personal space and a sleek design to improve passenger experience. HK Express is an all-Airbus operator, with its current fleet comprising 27 A320 Family aircraft, including 11A321neo, 10 A320neo, five A320ceo and its first A321neo.



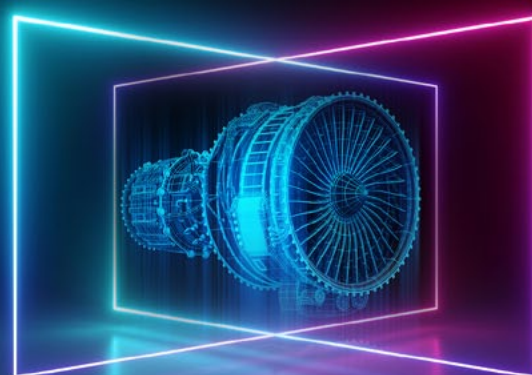
HK Express' first Airbus A321neo

© Airbus

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MRO & PRODUCTION NEWS

BAE Systems to define battery system for Heart Aerospace's ES-30 plane

BAE Systems, a leading aerospace and defence company and Heart Aerospace, a Swedish electric airplane maker, have announced a collaboration to define the battery system for Heart's ES-30 regional electric airplane. The battery will be the first of its kind to be integrated into an electric conventional take-off and landing (eCTOL) regional aircraft, allowing it to efficiently operate with zero-emissions and low noise. The programme will leverage more than 25 years of BAE Systems' expertise in electrifying large, heavy-duty industrial vehicles. Today, the company has over 15,000 power and propulsion systems operating in service across the globe. Work on the programme will be conducted at the company's state-of-the-art facility in Endicott, New York. BAE Systems' extensive experience in developing batteries for heavy-duty ground applications, and their experience in developing safety critical control systems for aerospace, make them an ideal partner in this important next step for the ES-30 and for the aviation industry," said Sofia Graflund, Chief Operating Officer at Heart Aerospace. "We look forward to decarbonising air travel together." The ES-30 airplane will be powered by four electric motors and has an all-electric range of 200 kilometres, an extended reserve hybrid range of 400 kilometres with 30 passengers and ability to fly up to 800 kilometres with 25 passengers. The ES-30 will also have a cost-effective and scalable upgrade path as future battery technology matures. The battery upgrade roadmap allows for increased usable energy at the same weight, resulting in longer flight durations and expanded route options. Heart Aerospace has a total of 230 orders and 100 options for the ES-30, along with letters of intent for an additional 108 airplanes.

FINANCIAL NEWS

New start-up Ascendence Flight Technologies raises €21million

Ascendence Flight Technologies, a start-up dedicated to sustainable aviation, has raised €21 million (£18.4 million). These new funds give Ascendence Flight Technologies the resources to fly its full-scale prototype, begin certification and scale-up actions for its first aircraft and help its first clients and partners to reduce the carbon emissions of their aircraft thanks to the company's hybrid technology. French Tech Souveraineté, operated by Bpifrance as part of the France 2030 plan, CELAD, Expansion

Iberia Maintenance consolidates position as centre of excellence for V2500 engines in 2022

In 2022, Iberia Maintenance consolidated its position as one of the centres of excellence for V2500 engines, due to the establishment of various new partnerships with, amongst others, Qatar Airways and HK Express. The V2500 represents more than 50% of the inducted engines by the company. The CFM56 is the second product with a share of one-third of the total number of repaired engines. Apart from the



© Iberia Maintenance

CFM56-5B, where Iberia Maintenance cements its position as the preferred provider for all IAG airlines using this type of engine, services are provided to various CFM56-7B operators and asset managers. In 2022, Iberia Maintenance inked an agreement with RwandAir for the maintenance and repair of its 7B & 7BE engines, powering the airline's Boeing 737 fleet. The V2500s and CFM56-7Bs power A320-family aircraft and Boeing 737s and these new contracts have increased the total number of engines inducted by 14% compared to 2021 levels and have consolidated Iberia Maintenance's engine shop as a reference centre for this short and medium-haul fleet. Additionally, Iberia Maintenance still serves the RB211-535 engine; being one of the very few engine shops in the world with this capability. The narrow-body engine MRO market is gradually transitioning from models like the CFM and V2500 to newer ones like the GTF and LEAP. With the aim of guaranteeing a stable workload for the future, Iberia Maintenance has started to adapt to the needs of the shop for the new engine models while continuing to serve the CFM and V2500 operators' needs. To this end, Iberia Maintenance has made a multi-million-euro investment to acquire tooling and machinery. In October 2022, Iberia Maintenance obtained the license to service Pratt & Whitney GTF™ engines, which power the Airbus A320neo family. The first GTF will arrive in the second half of 2023.

Jet Aviation obtains FOCA approval for line maintenance in Zurich



Jet Aviation has received FOCA approval for line maintenance services in Basel
© Jet Aviation

Jet Aviation announced today that it has successfully obtained approval from the Swiss Federal Office of Civil Aviation (FOCA) for its line maintenance repair station in Zurich. The facility is authorised to perform line maintenance on a range of business aircraft. Jet Aviation launched line maintenance in Zurich in May 2022, under a temporary extension of the company's Basel site authorisations. Following a successful audit by FOCA in early 2023, the facility is

now fully approved for line maintenance on a range of business jets. Jet Aviation established a presence at Zurich Airport in 1969. In June 2021, the site was expanded via the acquisition of the former ExecuJet Zurich FBO facilities. The acquisition added a multifunctional, state-of-the-art terminal for passengers and crew, a 2,500 square-metre hangar adjacent to the terminal, a second near-5,000 square-metre arched hangar, and two approximately 5,000 square-metre private ramps to the company's existing Zurich footprint. Jet Aviation offers base maintenance in Basel, Geneva, Dubai, and Singapore, and AOG services worldwide.

FINANCIAL NEWS

Aerospace Ventures, SC Mahé, Adrien Montfort (CTO Sorare) via Snaw Ventures, and ARIS Occitanie have contributed to this funding round alongside historic investors Habert Dassault Finance, Céleste Management, IRDI, and M-Capital, which have made significant reinvestments on this occasion. The aim of this round is to enable the company to fulfil its ambitions: to reduce carbon emissions in the aviation sector by offering unique technologies. With its twin positioning as a manufacturer of both aircraft and engines, the Toulouse-based start-up has focused on markets linked to more sustainable and decarbonised aviation since it was founded in 2018. Unlike most of its competitors, Ascendance has chosen hybrid electric propulsion as a realistic approach to sustainable aviation, applicable to multiple long-range uses (passenger transport, medical, logistics and surveillance applications). ATEA, its vertical take-off and landing (VTOL) aircraft, is a quiet, low-carbon alternative to helicopters that provides an ideal response to the need for decentralised and regional point-to-point aviation. STERNA, its modular hybrid electric

MRO & PRODUCTION NEWS

Liebherr and China Airlines sign agreement on A321neo component support



Contract signing ceremony between China Airlines and Liebherr Aerospace © Liebherr

Liebherr Aerospace (Liebherr) and China Airlines have entered into a long-term agreement, under which the OEM Liebherr-Aerospace will provide repair support services for a wide range of air conditioning and bleed system components installed on China Airlines' fleet of 25 Airbus A321neos. All material support and component maintenance services will be provided by Liebherr-Singapore, Liebherr-Aerospace's dedicated service centre for the Asia-Pacific region. Liebherr-Aerospace and China Airlines signed a contract

that underlines the close relationship that China Airlines has built up with Liebherr-Aerospace since many years. "We really appreciate Liebherr's service and place our trust and confidence in the company. We want to continue our long-term partnership and thus decided to choose Liebherr as our service provider for the component support on our new Airbus A321neo fleet", commented Jason Tsai, Vice President Engineering at China Airlines. China Airlines is the largest airline in Taiwan, headquartered in Taoyuan International Airport. It operates short-, medium-, and long-haul services to international and intercontinental destinations across Asia, Europe, North America, and Oceania. Further subsidiaries of the China Airlines group of airlines include Tigerair Taiwan as well as Mandarin Airlines.

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propulsion system, compatible with sustainable aviation fuels (SAFs) and hydrogen, will open up the possibility of a new generation of aircraft with a significantly reduced environmental footprint. Ascendance is now entering an intensive prototyping and scale-up phase with the recent delivery of its integration and test flight facilities at Muret L'Herm aerodrome near Toulouse. The company will continue with its roadmap with the aim of delivering its first aircraft in 2026. The coming years will bring major steps forward in its two priority development areas: building the first flight-capable full-scale prototype of its ATEA aircraft and continuing with the aircraft certification process that is currently under way with the European Union Aviation Safety Agency (EASA) and fulfilling its first contracts and partnership agreements to integrate STERNA, its patented modular hybrid propulsion system, into existing aircraft. The company announced the signature of 245 letters of intent (LOI) for its ATEA aircraft in 2022 and carried out full-scale testing of its hybrid technology.

ORIX Aviation acquires 100% aircraft portfolio from Merx Aviation

ORIX Aviation has confirmed the 100% acquisition of an aircraft portfolio, consisting of 14 narrow-body aircraft with ten lessees across multiple continents, from Merx Aviation. The aircraft were previously held in a joint venture between ORIX Aviation and Merx Aviation, which commenced in 2017 with 35 aircraft valued at US\$1 billion. After trading activity, the portfolio currently consists of 14 narrow-body aircraft valued at over US\$300 million. Commenting on the transaction, James Meyler, Chief Executive Officer of ORIX Aviation, said: "We are delighted to have taken this opportunity to acquire the remaining 50% of an attractive aircraft portfolio. Our current business plan outlines that ORIX Aviation has committed to invest up to US\$2 billion in aircraft assets across the next 12 months, of which over US\$1 billion has already been contracted to close during the remainder of 2023. The transaction we announce today further underlines our intention to continue to grow the ORIX Aviation platform." ORIX Aviation was established in 1991 in Dublin, Ireland and is a 100% subsidiary of ORIX Corporation in Japan. ORIX Aviation owns and manages over 200 aircraft which are leased to more than 50 airline customers located in over 30 countries. ORIX Aviation is headquartered in Dublin with offices currently in Dubai and Tokyo with a team of over 100 professionals, and a fleet value of US\$8 billion. ORIX Aviation is a 30% shareholder of Avolon, who sit amongst the top three aircraft lessors globally.

MRO & PRODUCTION NEWS

Recaro's SL3710 seats to take flight on HK Express A321neo

Recaro Aircraft Seating's (Recaro) SL3710 seats will take flight for the first time on an HK Express A321neo aircraft. The maiden flight will take place in April 2023. This is the first-ever order of Recaro seats by HK Express and with the upcoming retrofit, the total order exceeded 4,000 seats. The lightest seat in the Recaro portfolio, the SL3710, was customised for HK Express with a custom-made artificial leather dress cover and advertising frame on the backrest. "The SL3710 is a great fit for HK Express because of its lightweight structure and ergonomic design," said Dr Mark Hiller, CEO of Recaro Aircraft Seating and Recaro Holding. "Our strong relationship with the Cathay Pacific Group paved the way for this opportunity, and I am looking forward to this strong new partnership with HK Express." A member of the Cathay Pacific Group, HK Express is a Hong Kong-based low-cost carrier that serves the Asia-Pacific region with a fleet of 27 Airbus aircraft.



HKE's first-row seats SL3710

© Recaro

INFORMATION TECHNOLOGY



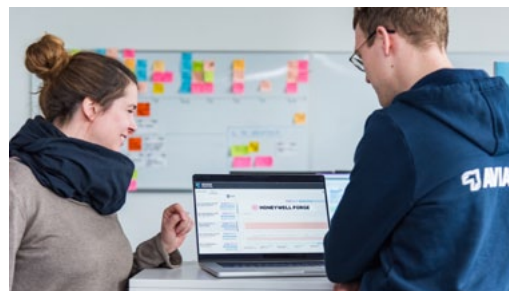
Representatives from Plan3 and Sabre

© Sabre

Software and technology provider Sabre Corporation has announced a new agreement with automated airline disruption management solution Plan3 to enable airlines to be more proactive when disruption strikes. The new alliance will allow Plan3 to draw upon Sabre's extensive industry reach and deep domain knowledge in airline technology to help accelerate the adoption of its service, while enabling Sabre to quickly deliver a holistic approach to passenger disruption for its airline partners. Plan3 will link via APIs and web services to augment native irregular operations and schedule change options available through an airline's Passenger Service System (PSS). Plan3 is a unique solution in the disruption management space. Utilising powerful automation, the tool enables airlines to respond to thousands of unique passenger disruptions at once. Its unique 'issues dashboard' allows airlines to monitor and react to the disruption status of passengers at an individual level, flagging any travellers that will experience issues due to a disruption event. Designed for the travel recovery era, with no significant upfront investment or deep system integration required to get started, Plan3 is PSS agnostic and content provider agnostic, meaning it can complement Sabre's own ecosystems and product offerings, as well as being used by airlines on other systems. Their smart re-accommodation solution is ideal for retail-focused airlines who offer customers various ancillaries through third-party partners. Plan3 holistically looks at the customer's entire journey to make rebooking recommendations across flight, hotel, car and more. Using Plan3's 'option creator tool', airlines create holistic 'option packages' containing new flight options, as well as hotel rooms, meal vouchers, ground transportation and gift cards. Option packages are then sent to the passenger for them to make their preferred selection, directly from their personal device. The entire flow can be fully automated from templates, enabling airlines to respond to even the most complex of issues within just a few minutes.

INFORMATION TECHNOLOGY

Honeywell and **Lufthansa Technik** (LHT) are enhancing their collaboration on Lufthansa Technik's digital platform AVIATAR to improve the customer experience in aviation analytics. Honeywell Connected Maintenance analytics are now being fully integrated into AVIATAR's Predictive Health Analytics (PHA) suite, which will grow to more than 100 Predictors for multiple Airbus and Boeing aircraft types. Airline customers will benefit from AVIATAR's unique interfaces to airline data, processes, maintenance and engineering systems, allowing a fleetwide management of multiple aircraft types. Building on the long-standing relationship between Honeywell and Lufthansa Technik, this new long-term agreement is beneficial for aircraft operators on the journey to digital technical operations (Tech Ops). Airlines can take advantage of an integrated single product offering designed to help reduce maintenance costs, technical delays and cancellations in airline operations. AVIATAR's integrated data analytics capabilities, enriched with Honeywell Predictors, are part of a seamless digital product portfolio for airline Tech Ops. "Together with Honeywell we are enhancing the digital excellence of AVIATAR," said Nikolaus Koerner, Senior Director Commercial Steering, Digital Fleet Services at Lufthansa Technik. "The new offering creates a unique suite of predictive Tech Ops solutions, integrating world-class analytics in one true nose-to-tail product offering across many different ATA chapters and aircraft types. Airlines will benefit from a consistent user experience and access to the full range of analytics along with connections to the wide portfolio of solutions provided by our Digital Tech Ops Ecosystem, including AMOS and flydocs." AVIATAR's modular, open and neutral architecture has been developed to seamlessly interface to various IT systems operated by airlines and MROs around the world, a prerequisite for collaboration in aviation. The integration into AVIATAR's suite of digital Tech Ops solutions allows customers, for example, to take advantage of MRO management interfaces, automation and digitally enhanced MRO services.



Honeywell and Lufthansa Technik enhance collaboration on AVIATAR © LHT

MILITARY AND DEFENCE

NSPA orders additional Airbus A330 Multi-Role Tanker Transport (MRTT)



Airbus A330 MRTT

© Airbus

The NATO Support and Procurement Agency (NSPA) has ordered an additional Airbus A330 Multi-Role Tanker Transport aircraft (MRTT), increasing the Multinational MRTT Fleet (MMF) to ten aircraft. This announcement follows Belgium's decision to increase its number of hours in the programme with an additional 1,100 flight hours per year. The Multinational Multi-Role Tanker Transport Fleet (MMF) provides strategic transport, air-to-air refuelling and medical evacuation capabilities to its six participating nations: Belgium, the Czech Republic, Germany, Luxembourg, The Netherlands and Norway. These Nations signed the Memorandum of Understanding that enables them to share costs proportionally according to the national commitment of flight hours per year. MMU already operates seven A330 MRTTs and reached initial operational capability ceremony on March 23. Full operational capability is expected in mid-2024. Its success relies on the excellent cooperation between NATO, the participating nations and industry. The programme also stands as an example on how nations can cooperate, pooling and sharing resources to get ongoing access to state-of-the-art capabilities. The unit has been deployed in NATO's Eastern Flank, as well as for the evacuation of Afghanistan civilians and refugees and for multinational exercises in the Indo-Pacific region with the German Air Force, among other missions. Two of the tankers yet to be delivered are expected to enter service in 2024, while this new aircraft will arrive at the end of 2026. The MRTTs from MMF operate from MMU Main Operating Base (MOB) in Eindhoven (Netherlands) and the Forward Operating Base (FOB) in Cologne (Germany).

Spirit AeroSystems and Skyworks sign MoU for defence and commercial platforms

Spirit AeroSystems, Inc. (Spirit) and Skyworks Aeronautics (Skyworks) have announced that the two companies have signed a Memorandum of Understanding to pursue support for Skyworks defence and commercial platforms both in the UK and also the European marketplace. Spirit's Northern Ireland and Scotland operations will collaborate on detailed design activity to support Skyworks VertiJet - a vertical take-off and landing (VTOL), high-speed and long-range gyrodyne. The VertiJet is expected to fly at projected speeds of up to 400 mph (644 km/h) – two-to-three-times faster than currently operating helicopters. Sir Michael Ryan, Spirit Vice President for European Space and Defence, stated that the agreement with Skyworks will continue Spirit's commitment to expand its UK business. "We will be applying our engineering and technology leadership in advanced materials and ultra-light structures to explore the design, testing and integration of lightweight and aerodynamically efficient technologies in support of Skyworks' aircraft platforms, such as its VertiJet VTOL programme for military and commercial use," Ryan said. Skyworks Aeronautics is a world leader in the science and technology of gyroaerodynamics, focusing on the design and development of high-performance gyroplanes, using highly advanced technology and modern aerospace science, engineering and design methods. Skyworks Aeronautics has been developing manned and unmanned vertical lift gyroplane technologies for over twenty years.



VertiJet gyrocopter

© Skyworks Aeronautics

MILITARY AND DEFENCE

Pratt & Whitney to invest US\$255 million in world-class sustainment facility in Oklahoma City

Pratt & Whitney plans to invest US\$255 million (£183 million) through 2028 in a world-class sustainment facility in Oklahoma City, Okla. The new 845,000-ft² facility will act as a hub for depot operations for all Pratt & Whitney military engines, including those for the F-35, C-17, F-22, F-15, F-16, B-52, and E-3 AWACS. "Pratt & Whitney's Oklahoma City site plays a critical role in our global sustainment network," said Jill Albertelli, President, Pratt & Whitney Military Engines. "Last year, the team achieved record output for the F117, F119, and F135 Heavy Maintenance Centres—this investment in a new facility will further expand our capabilities and reaffirm our commitment to our customer for years to come. We are grateful for the support provided by our partner, the United States Air Force and by the state of Oklahoma and the local community." Pratt & Whitney's Oklahoma City site is part of a global sustainment network—complimenting activations in Australia, Japan, Netherlands and Norway and U.S. locations

Up to 26,000 jobs secured in Spain until 2060 with latest Eurofighter contracts

A recent study by Pricewaterhouse Coopers (PWC) shows clear indications that two Eurofighter programme contracts will secure up to 26,000 jobs in Spain. The study was funded by Airbus and took six months to complete. The report focuses on the economic impact of the 'Halcon' and 'Quadriga' contracts which are relevant to Spain. The report estimates that, during its life cycle, the manufacturing phase (2020-2030) and maintenance phase (2023-2060) of the Halcon and Quadriga programmes will create on average 657 jobs - direct, indirect and induced - per year, reaching a total of 26,000 positions by 2060. This equates to a total annual employment impact of 2.7% direct jobs in the Spanish aerospace sector. These two Tranche 4 contracts should contribute around €1.7 billion to the Spanish GDP, with the manufacturing and maintenance of Halcon generating approximately €1.5 billion and the production of Quadriga contributing the remaining €200 million. The Halcon contract was signed in June 2022 and comprises the acquisition of 20 latest-generation Eurofighter jets which will replace the aged Spanish Air Force F-18 fleet which is based on the Canary Islands. The Halcon programme followed the Quadriga contract, signed in 2020, and will deliver 38 new Eurofighter aircraft to the German Air Force (Luftwaffe), meaning that Germany will have the greatest number of orders for Europe's biggest defence programme. The Halcon programme will result in the Spanish Eurofighter fleet expanding to 90 aircraft, with the first delivery due in 2026, securing industrial production activity through to 2030. Quadriga guarantees production of the new Tranche 4 Eurofighter, which is currently the most modern European-built combat aircraft - until 2030, with a service-life well past 2060. Both programmes are decisive to guarantee national and European strategic autonomy in defence, when it matters most. (£1.00 = US\$1.14 at time of publication).



Eurofighter Halcon on ground

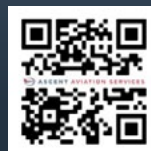
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MILITARY AND DEFENCE

in Marine Corp Air Station Cherry Point in North Carolina, Naval Air Station Jacksonville in Florida and West Palm Beach. As the only site capable of performing all F135 power module scope levels, the new Oklahoma City Sustainment Centre facility will increase the site's maintenance, repair and overhaul capabilities as the F135 programme continues to expand. Pratt & Whitney's Engine Core Upgrade (ECU) is a block upgrade for the F135, with the objective of providing an affordable, low-risk and agile pathway to fielding meaningful propulsion capability for all F-35 customers. ECU leverages Department of Defence investments in adaptive technology to deliver the advanced capability needed for Block 4 and beyond, while maintaining the variant-commonality and international partnership approach that the joint programme was built upon.

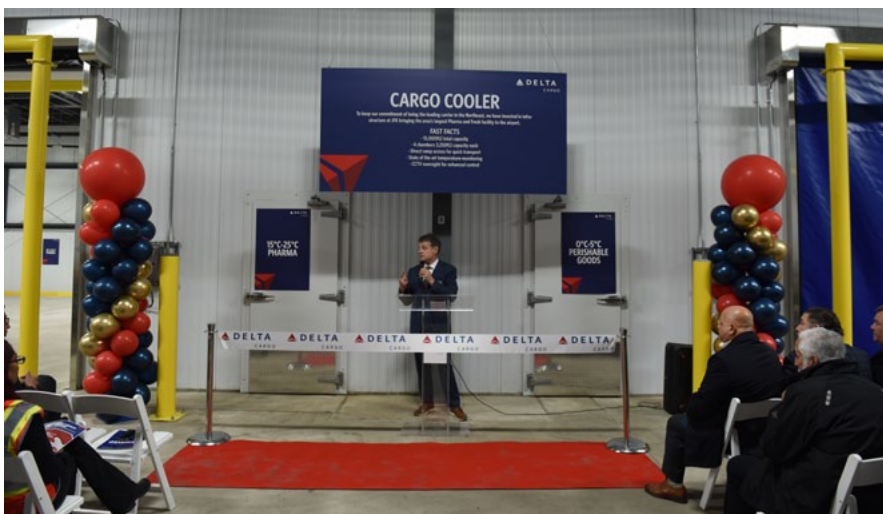
Wencor signs multi-year defence partnership with Regal Rexnord Aerospace

Regal Rexnord Aerospace has selected Wencor as its exclusive distributor supporting the global military and government aftermarkets for Regal Rexnord's seal and bearings products. In addition to the agreement, Wencor and Regal Rexnord Aerospace recently announced the extension of their exclusive global agreement, in which, Wencor will continue to distribute Regal Rexnord Aerospace seals and bearings to the commercial aviation aftermarket through 2027.

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Wizz Air has announced the addition of a 50th aircraft to the fleet of its Maltese subsidiary. Established only six months ago, **Wizz Air Malta** operates 265 routes from Italy, Albania, Austria, and Romania, with a fleet of 50 Airbus A320-family aircraft. The new Airbus A321neo joining Wizz Air Malta's fleet is the most efficient and sustainable aircraft in its class, with the tail number 9H-WDK. The aircraft, financed by Wizz Air's long-standing partner SMBC Group, will be based in Rome, one of the airline's largest bases and will operate 77 routes from the Italian capital. Wizz Air Malta was established as the fourth carrier within the Wizz Air Group (alongside Wizz Air Hungary, Wizz Air UK and Wizz Air Abu Dhabi) to further diversify the Group's operations, provide enhanced flexibility and increase the potential for significant network and fleet expansion. The first Wizz Air Malta flight departed from Rome on September 27, 2022. The airline now has almost 1,500 employees and serves 265 routes to 96 airports in 36 countries. More than 80% of its fleet is comprised of new-generation aircraft,

OTHER NEWS



Unveiling of Delta Cargo's cooler at JFK International

© Delta

Delta Cargo has revealed its newest cooler at **John F. Kennedy International Airport**. From pharmaceuticals to flowers, perishable goods flying in and out of New York's John F. Kennedy International Airport will now receive further improved high-touch handling. The new, state-of-the-art facility is the largest of its kind at JFK and offers an upgraded experience for customers with cargo that requires specialized handling for temperature-sensitive goods being shipped around the globe. The JFK cooler will serve as the premier cold-chain facility for pharmaceutical and healthcare products, while also enabling perishable cargo shipping of produce and fresh goods. The cooler boasts expert temperature monitoring, enhanced control and oversight, and specially trained and certified staff to ensure precise handling and integrity of the cold chain. A marquee investment for Delta Cargo, the cooler was strategically built into the JFK infrastructure to streamline time in transit. Customers will also benefit from the hub's unparalleled global access and connectivity. Delta is JFK's largest global carrier, operating up to 34 flights to 26 cities across Europe, Africa and the Middle East— including the top-ten pharma markets — as well as service to key Latin American and Caribbean markets.

Etihad Airways, the national carrier of the UAE, touched down in **Kolkata, India**, on March 26, as the airline made its much-anticipated return to the city. With a total of seven-weekly nonstop services, the airline will once again connect India's financial capital, Kolkata, with the world through Abu Dhabi. The first flight on the new service, EY256, departed Abu Dhabi with a full load of passengers at 1:50pm local time on 26 March and touched down



Etihad airways returns to East India with daily flights to Kolkata

© Etihad

at Kolkata's Netaji Subhash Chandra Bose Airport last night at 8:10pm local time. The return flight, EY257, departed Kolkata at 9:05pm local time on 26 March, landing in Abu Dhabi shortly after midnight. The flights will be operated with an Airbus A320 aircraft, offering guests eight seats in Business Class and 150 in Economy Class, convenient flight timings to the UAE's capital city and seamless connections to destinations across the airline's growing global network of 67 destinations. Etihad passengers flying from Kolkata to the United States can benefit from the US Customs and Border Protection (CBP) facility in Abu Dhabi International Airport, the only US immigration preclearance service in the region that allows passengers to clear US immigration while they are still in Abu Dhabi, meaning travellers can get home quicker and easier.

OTHER NEWS

underpinning Wizz Air's commitment to being the most sustainable choice of air travel.

Loganair, the UK's regional airline, is to expand at **London Heathrow Airport** (Heathrow). The airline has secured access to 30 additional pairs of slots each week at Heathrow under a lease arrangement with **British Airways**, which takes effect in May 2023. The slots will enable Loganair to develop regional connectivity from UK domestic destinations to the UK's premier hub, offering both point-to-point access into London itself and a broad range of new worldwide connections via Heathrow. Details of the specific routes to be served will be announced in the coming days once all formalities have been completed. Details of the slot agreement were confirmed publicly by Airport Coordination Limited, the designated coordinator for UK airports. The slot arrangement between the airlines comes as Loganair has once again asked the UK Government to initiate action with the European Commission to repatriate control of competition remedies dating back to 2012, under which these Heathrow slots were previously made available to other airlines - predominantly to fly domestic routes. Loganair's campaign around the reform of Heathrow competition remedy slots began last month and quickly gathered support from figures including John Holland-Kaye, the Chief Executive of Heathrow Airport; Willie Walsh, the Director General of IATA; and Dr Liz Cameron CBE, Chief Executive of the Scottish Chambers of Commerce. Changes to Heathrow's tariffs for regional aircraft operating

Flughafen Zürich has announced the approval from the **Commission for Energy, Transport and Environment** (KEVU) to extend two runways at Zurich Airport. KEVU thus follows the Governing Council of Zurich which has already approved the project. The extensions of the



Photo of Zurich Airport runway extensions

© Flughafen Zürich

runways are an important measure to increase the safety margin at Zurich Airport and to stabilise operations under all weather conditions. This will result in more stable flight operations and a better compliance with the determined operating concepts, leading to fewer delays and a longer night rest. Overall, the runway extensions reduce the total number of people affected by aircraft noise. The extensions were identified as an essential safety measure in the 2012 "Safety Review of Zurich Airport" report. They have been included by the federal government in the Sectoral Plan for Aviation Infrastructure (SIL). The extensions of the runways offer more braking distance in the event of an aborted take-off or landing. They also reduce the number of intersections on the ground and in the air. Overall, there are no feasible alternative measures that would result in the same benefits, namely an increase of safety and a reduction of delays. The extensions of the runways do not increase capacity as there is no correlation between runway length and the number of aircraft movements. Regardless of the length of a runway, only one aircraft can take off or land at the same time. The project does not change the framework conditions that apply to the airport, which are set by the federal government. Minorities request the rejection of the bill and a re-evaluation by the Governing Council. As a matter of fact, this would not change the project itself and would only delay implementation. The bill is ready for decision. The sooner the Cantonal Council and possibly the Zurich electorate approve the bill, the sooner Flughafen Zürich AG will be able to initiate the planning approval procedure at federal level. Eventually, this would allow for a timely implementation of the mentioned improvements.

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OTHER NEWS

on UK domestic routes took effect from January 1, 2023. The new tariffs are critical to the viability of Loganair's plans to provide regional connectivity at Heathrow.

The Australian sustainable aviation fuel (SAF) industry has received a massive boost with a major joint investment. A Queensland biofuel refinery being jointly developed by **Jet Zero Australia** and **LanzaJet** is to receive investment from **Qantas Group**, **Airbus**, and the **Queensland Government**. The refinery is looking to produce SAF from agricultural by-products, including sugar cane. The Qantas Group and Airbus will jointly invest AU\$2 million of an initial AU\$6 million capital raising, with the Queensland Government contributing AU\$760,000, while other Australian and international institutional funds will be providing further funding. The money will be used to conduct a detailed feasibility study and early-stage project development. The proposed facility will utilise LanzaJet's alcohol-to-jet technology to produce up to 100 million litres of SAF per year. Construction is due to start in 2024. The Qantas Group and Airbus have committed to investing up to AU\$200 million to accelerate the establishment of a SAF industry in Australia. The facility is the first project funded under the Qantas and Airbus Australian Sustainable Aviation Fuel Partnership. Sustainable fuels are key to airlines reducing their CO2 emissions as they can be used in today's engines and fuel delivery infrastructure without modification. Qantas Group Chief Sustainability Officer Andrew Parker said the early project funding was an important first step towards building a domestic SAF industry, which will power flights around Australia. "Qantas will be the largest single customer for Australian-made SAF to meet our emissions reduction targets, which is why we're investing in the ideas and technology that will build a local SAF industry," Parker said. Queensland Deputy Premier Steven Miles said this project would be a game-changer for Queensland, and the state's economic future. "With our rich supply of feedstock, Queensland is in the perfect position to capitalise on the global shift to green jet fuels and become the leader of a local SAF industry," Miles said. (£1.00 = AU\$1.85 at time of publication).

American President Joe Biden's nominee for the role of leader of the United States **Federal Aviation Administration (FAA)**, **Phillip Washington**, has withdrawn his name owing to "an onslaught of unfounded Republican attacks which have focused on his service and experience, CNN reported. Though his announcement for the role was made last year, since then the Republican party have done little

Hawaiian Airlines has reached an agreement with biofuel company **Gevo**, to purchase 50 million gallons of sustainable aviation fuel (SAF) over five years. Gevo expects to supply the SAF from a facility to be constructed in the Midwestern United States and begin deliveries to Hawaiian's gateway cities in California starting in 2029. Gevo will produce SAF using residual starch from inedible field corn, grown using regenerative farming practices. The production process will also utilize renewable electricity and renewable natural gas, resulting in low-carbon fuels with substantially reduced carbon intensity (the level of greenhouse gas emissions compared to standard petroleum fossil-based fuels across their life cycle). Gevo's process is designed to maximize value and minimize waste by using the same acre of farmland to produce both animal feed and renewable fuels while sequestering atmospheric carbon through photosynthesis. The fuel sales agreement is subject to certain conditions precedent, including Gevo developing, financing, and constructing the facility to produce the SAF contemplated by the agreement.



Hawaiian Airlines will buy 50 million gallons of SAF over five years from Gevo
© Hawaiian Airlines



Portugal becomes the first country in Europe to achieve ACA 4+ for all its airports
© VINCI Airports

VINCI Airports has released that Portugal's airports have been awarded the ACA 4+ certification, the highest level of the ACI's environmental assessment programme. This certification recognises that airports have fully accounted and reported direct and indirect CO2 emissions related to their activities and operations, have significantly reduced their direct emissions, off-

set their residual direct emissions, and started to reduce their indirect emissions. ACA 4+ also recognises that airports have set carbon emission reduction targets consistent with a sub-2°C warming scenario under the Paris Agreement. Portugal thus becomes the first country in the European Union to have its entire airport system (ten airports) ACA 4+ certified. This unprecedented performance is based on the exemplary deployment of VINCI Airports' decarbonisation plan by Portuguese airports, which have already reduced their direct emissions by 35% since 2018. As a pillar of this action plan, VINCI Airports' photovoltaic production programme is currently being deployed at all Portuguese airports, with the first unit already in activity at Faro airport since 2022. VINCI Airports' forest carbon sink programme, aimed at sequestering residual emissions (scopes 1 and 2), has also been deployed near Faro, Porto Santo and Lisbon airports. Among the scope 3 actions implemented at Portugal's airports in 2022, are the opening of Portugal's largest electric vehicle charging station at Lisbon airport and the first commercial flights with sustainable biofuels (SAFs) at Lisbon, Porto and Azores airports. VINCI Airports also announced that OMA's Mexican airports, which joined its network in December 2022, have just received their first ACA level 1 accreditation. Belgrade airport, which joined the programme in 2022, has been awarded ACA level 2.

OTHER NEWS

other than criticise Washington over certain issues, including his scant aviation credentials and potential legal entanglements. A White House official has confirmed that it respects Washington's decision and openly praised his public service record. Washington is the current CEO of **Denver International Airport**, while also having held leadership positions at several municipal transit organizations, including in Denver and Los Angeles, which have been focused on bus and rail lines. He is also responsible for leading the Biden-Harris transition team for the Department of Transportation. Prior to his work in transportation, Washington served in the military for 24 years. Washington's biggest problem would seem to be that he has had next to no experience in the aviation sector, his current role at Denver Airport being his first foray onto that field. On Saturday, Transportation Secretary Pete Buttigieg highlighted the need for a confirmed FAA administrator as he condemned the "partisan attacks" on Washington. "The FAA needs a confirmed Administrator, and Phil Washington's transportation and military experience made him an excellent nominee. The partisan attacks and procedural obstruction he has faced are undeserved, but I respect his decision to withdraw and am grateful for his service," Buttigieg said in a tweet.

INDUSTRY PEOPLE



Anthony Spaulding

• Magellan Aviation Group has announced that **Anthony Spaulding** has been named new CEO and President effective April 1, 2023. Spaulding is replacing Chairman **Michimoto Asano**, who has been interim CEO and President since January 2022. Asano will now resume his responsibilities as Chairman for Magellan Aviation Group. Spaulding originally joined Magellan Aviation Group in May of 2020 as Executive Vice President, where he has worked closely with the executive leadership team in Shannon and Charlotte to reshape the organisation and grow the core business despite the headwinds created by the COVID-19 pandemic. He is a highly experienced, successful and well-regarded business leader. His 30-plus years of commercial aviation experience with major US Airlines, Engine OEMs and Engine Leasing has provided Magellan with industry insight and leadership to continue the com-

pany's successful growth. Anthony holds a bachelor's and MBA from Embry Riddle Aeronautical University as well as his Private Pilots and A&P Mechanics licenses. "During Anthony's service as Executive Vice President, he proved himself with his leadership, experience, teamwork, and passion to well-deserved new President and CEO. He will drive Magellan Aviation Group for the next stages of tremendous growth," said Chairman Michimoto Asano. Founded in 2000, Magellan Aviation Group focuses on the acquisition, sales and leasing of high-quality used commercial aircraft engines and parts that support airlines and maintenance repair facilities globally.

• Rolls-Royce has announced changes to the Board and Executive Team, adding leaders with proven track records of delivering success and a strong commitment to creating a high-performing, competitive, resilient and growing business. This follows the launch of a transformation programme requiring a winning culture and shared determination to deliver sustainable earnings growth and cash generation by Chief Executive **Tufan Erginbilgic**, on February 23, 2023. The changes include the addition to senior leadership of extensive multinational experience in finance and performance management and the appointment of presidents with substantial industry experience in both Civil Aerospace and Defence.

Helen McCabe will be joining the Board of Rolls-Royce later this year as Chief Financial Officer, bringing more than 25 years of experience in senior finance and performance management roles within complex multinational engineering organisations. She is currently Senior Vice President, Finance for the Customer and Products division of BP.

Panos Kakoullis will remain as Chief Financial Officer and a member of the Board until at least August 31, 2023, in order to ensure the successful delivery and reporting of the Group's half-year performance.

Rob Watson has been appointed as President – Civil Aerospace with immediate effect. He has spent the past five years building Rolls-Royce's capabilities in electric aviation and during that time has demonstrated his ability to develop new technologies and products within a tight budgetary framework. He joined the Executive Team last year as President – Rolls-Royce Electrical.

As previously announced, **Chris Cholerton**

is moving from his position as President – Civil Aerospace to become Group President, having successfully led the Civil Aerospace business through some of the greatest challenges in its history. As part of this role, he will take on executive responsibility for the Group's nuclear operations. This includes Rolls-Royce Submarines, and the role of Interim CEO of Rolls-Royce SMR while a search is conducted for a successor to Tom Samson who, it has been agreed, will be leaving with immediate effect.

Adam Riddle has been appointed President – Defence, and Chairman and CEO – Rolls-Royce North America with immediate effect. Riddle has spent nearly a decade in Defence and played a pivotal role in the recent success of the division in clinching key contracts which will generate multi-year returns. He most recently led its successful global services operations, which account for over half of annual revenues for Defence.

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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
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Now	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
A330-200	GA Telesis	PW4168A	322	2000	Jul 2022	Sale / Lease	David Byrne	aircraft@gatelesis.com	+353 86 780 8974
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737 MAX 8	ALTAVAIR	Leap	43564	2022	Now	Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
B737 MAX 8	ALTAVAIR	Leap	60135	2022	Now	Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
B757-200 Cargo	Airwork Ireland Limited	RB211-535E4	27051	1995	Now	Lease	Robbie Brazel	robbie.brazel@airworkgroup.com	+353 87 372 8262
B757-200 Cargo	Airwork Ireland Limited	RB211-535E4	25297	1992	Q4/2022	Lease	Robbie Brazel	robbie.brazel@airworkgroup.com	+353 87 372 8262
B777-300ER	BBAM	GE90-115BL	38986	2011	Nov 2023	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039

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



THE AIRCRAFT AND ENGINE MARKETPLACE

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
CF34-10E5	Now - Lease				
CF34-8C5	Now - Lease				
(1) CFM56-5B4/P	Now - Sale/Lease/Exch.	AeroDirect	Sean Miller	SMiller@aerodirect.com	+1.404.229.3723
(1) CFM56-5B4/3	Now - Sale/Lease/Exch.				
(2) CF34-10E5	Now - Sale / Lease	DASI	Joe Hutchings	joe.hutchings@dasi.com	+ 1 954-478-7195
(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
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B3/3	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiaviation.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) CFM56-5B4/P	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CFM56-7B24/E	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(1) CFM56-7B26/3	Now - Lease				
(2) 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				
(1) CFM56-5A3	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)1357 521144
(1) CFM56-5B2/P	Now - Sale/Lease/Exch.	Contrail Aviation Support	Mark Shaw	mark@contrail.com	+33 6 5834 1965
(1) CFM56-7B24/3	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(1) CFM56-7B26/E	Now - Lease				
(1) CFM56-7B27/B	Now - Lease				
(2) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P (u/s)	Now - Sale	Castlake	Stuart MacGregor	Stuart.macgregor@castlake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - Lease				
(1) CFM56-5B4/3	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 (SP)	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
(3) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
PW1100G Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW1100G-JM	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	Castlake	Graeme Dodd	Graeme.dodd@castlake.com	+44 207 190 6138
(1) PW4168A	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(2) PW4168A	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(1) PW4168A	Q4/2022 - Sale	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(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.				

THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
PW121	Now - Sale	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW127F	Now - Sale				
PW150A	Now - Sale / Lease				
PW127M	Now - Lease				
(1) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(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	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.				
(1) V2527-A5	Now - Sale/Lease/Exch.	AeroDirect	Sean Miller	SMiller@aerodirect.com	+1.404.229.3723
(4) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2524-A5	Now - Lease				
(1) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Sale / Lease	Castlelake	Graeme Dodd	Graeme.dodd@castlelake.com	+44 207 190 6138
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiaviation.com	+1 786-785-0777
(2) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(1) 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
(2) GTC331-200ER, (2) GTC331-9A, (1) GTC331-9B	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) A321 Enhanced Landing Gear 2020 OH					
(1) A320 Landing Gear Shipsets		GA Telesis		landinggearsales@gatelesis.com	
(1) 777-200 Landing Gear Shipset					
GTC331-9A (2), GTC331-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTC331-200, GTC331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
(1) RE220, (1) APS3200, (1) GTC331-9A	Now - Sale / Lease	Magellan Aviation Group	Drew Megorden	drew.megorden@magellangroup.net	+1 704-340-0273
(1) GTC331-9B, (1) GTC331-500B	Now - Sale / Lease				
(1) GTC331-500B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) APS2300, (1) APS3200	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
((1) GTC331-200ER, (2) RE220RJ	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 954-683-1893
(2) GTC331-150RJ					
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(3) GTC331-9B, (1) GTC331-9A		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(1) GTC331-350, (1) GTC331-500, (2) APS3200B, (3) APS3200C					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com	+1-954-676-3111
(3) APU GTC331-9B, (1) GTC331-500B	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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