

Weekly Aviation Headline News

WORLD NEWS

Qatar Airways brings back daily Tokyo Haneda-Doha Services

Qatar Airways has resumed scheduled non-stop services between Tokyo International Airport ("Haneda") and Hamad International Airport, on 1 June 2023. Qatar Airways will operate A350-900 aircraft, equipped with 36 Qsuite Business Class seats and 247 Economy Class seats. The resumption of the Tokyo Haneda-Doha service follows a major network expansion announced at ITB Berlin 2023, which will see an extra 655 weekly flights in 2023 compared to 2022. Japan remains a significant market for Qatar Airways and its passengers, and in addition to Haneda, the airline will soon be resuming flights to Osaka this year.

Pegasus receives credit rating upgrade

Pegasus Airlines' successful financial performance in 2022 has resulted in an upgrade in its credit rating, the Turkish carrier has indicated. Pegasus Airlines' long-term credit rating was upgraded from B+ to BB- by Fitch Ratings Limited (Fitch) on 14 April 2023 and from B to B+ by S&P Global Ratings (S&P) on 23 May 2023. In the reports published by Fitch and S&P, the rating upgrade is attributed to Pegasus Airlines' strong operational and financial results in 2022 and the subsequent quarterly period. Among global airline operators, Pegasus Airlines recorded the highest EBITDA margin with 34.1% and the lowest non-fuel unit cost (CASK, non-fuel) with 2.18 euro cents, based on public data.

Airlink launches new Malawian routes

South African regional carrier Airlink will start operating flights between Johannesburg and both Lilongwe and Blantyre, Malawi from 04 September 2023. Malawi becomes the 16th country to be included in Airlink's comprehensive route network. Airlink will fly the 37-seat Embraer regional jets on both new routes, which will operate three times a week. Airlink's new routes will also be able to play a key role in the current Malawi Growth and Development Strategy.



Virgin is returning to Dubai as pent up demand ramps up.

© Virgin Atlantic Cargo

Virgin Atlantic relaunches Dubai operations

As demand for trade and passenger traffic returns

UK carrier Virgin Atlantic is bringing back services to Dubai, United Arab Emirates after axing the route back in March 2019. The airline stated it will be relaunching services between London Heathrow and Dubai, as the airline continues to capitalise on pent up demand for premium travel and grow its route network. The four times a week service will operate seasonally from October through to March.

Virgin ceased operating the popular route in 2019 citing that after conducting a thorough review of its network, the airline had made the difficult decision to stop flying between Dubai and London due to a combination of external factors which meant it was no longer economically viable.

The second attempt at the route will commence in October, using the more economical Boeing 787-9 aircraft with 31 Upper Class, 35 Premium and 192 Economy Delight,

Classic and Light seats. According to the airline, the new service will offer connections and a more consistent long haul onboard experience for passengers connecting from Dubai via London Heathrow to destinations throughout North America across both the Virgin Atlantic and Delta networks, including New York, Seattle, Las Vegas, Los Angeles and San Francisco.

total trade in goods and services (exports plus imports) between the UK and United Arab Emirates was £21.6 billion in the four quarters to the end of Q4 2022, an increase of 63.0% or £8.3 billion in current prices from the four quarters to the end of Q4 2021.

The relaunch of the popular route will complement Virgin Atlantic's two other newly announced premium destinations - the Maldives and Turks and Caicos. Virgin has also announced an expansion to services from Manchester Airport to Las Vegas.

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UK Department of Business and Trade

Cargo will play a major factor in the route relaunch and Virgin Atlantic offering 20 tonnes of cargo capacity on each flight. This fast cargo service will offer new opportunities for companies looking to export and import goods such as fresh produce and high-tech products between the Middle East and prime markets in the UK and US. According to the UK Department of Business and Trade,

The new Manchester service will operate on one of Virgin Atlantic's newest aircraft, the Airbus A350-1000 aircraft.

Rikke Christensen, Vice President of Network and Alliances at Virgin Atlantic said the airline had long wanted to return to Dubai operations when the time was right, and this year presented the perfect opportunity.

AIRCRAFT & ENGINE NEWS

airBaltic receives 42nd Airbus A220-300 aircraft

On May 27, airBaltic, the national airline of Latvia, celebrated the arrival of its 42nd Airbus A220-300 aircraft, bearing the registration YL-ABP, in Riga. This marked the third delivery of an Airbus A220-300 to airBaltic in 2023, as part of its order for a total of 50 of these aircraft. Additionally, airBaltic holds 30 options and purchase rights for the same model. To date, airBaltic has served over 11,600,000 passengers on their Airbus A220-300 fleet. These aircraft have successfully completed nearly 133,000 flights and accumulated over 289,000 block hours of flight time. Since May 2020, airBaltic has exclusively operated its flights using the Airbus A220-300, streamlining its operations and capitalising on the enhanced efficiency offered by this aircraft. The Airbus A220-300 has exceeded airBaltic's expectations, delivering exceptional overall performance, fuel efficiency, and passenger and crew convenience. Passengers enjoy a superior flying experience with wider seats, larger windows, increased cabin space for hand luggage, upgraded lavatories, and other notable benefits. Furthermore, the Airbus A220-300 features an advanced air filtering system equipped with a High Efficiency Particulate Air (HEPA) filter, ensuring the highest level of filtration for re-circulated cabin air. This filtration system operates from the moment passengers board until they disembark, maintaining a carefully controlled and refreshed cabin environment with air circulation rates of 20-30 times per hour.

NAC executes purchase-lease-back agreement with IndiGo

Nordic Aviation Capital (NAC) has executed a purchase-leaseback agreement for an additional two A321neos and one ATR 72-600 with IndiGo. IndiGo is India's largest passenger airline serving 101 destinations: 75 domestic and 26 International destinations.

Qantas prepares to bid farewell to Boeing 717s

Qantas will mark the end of an era with the departure of one of its Boeing 717 jets, the first of its type to be registered and flown in Australia. The departing 717 (registration VH-NXI) holds a special place in the Qantas Group's modern history,



All of QantasLink's 20 Boeing 717s will be gradually replaced

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having operated Jetstar's first flight between Melbourne and Launceston on the day the airline started flying in May 2004. The aircraft has also flown on regional and domestic routes for QantasLink for the past 15 years. All up, it has completed more than 29,000 flights and safely carried more than 1.6 million customers for both Qantas and Jetstar over two decades. Named Blue Mountains after the world-heritage listed national park in New South Wales, the aircraft is due to depart Australia in mid-June ahead of being sold to another major carrier. It is the third of the airline's 717s to leave the fleet and its range limit means the journey to its new owner in North America will involve eight fuel stops, including Cebu, Sapporo and Anchorage. All of QantasLink's 20 Boeing 717s will be gradually replaced by 29 fuel-efficient Airbus A220 aircraft as part of the "Project Winton" fleet renewal programme. The first A220 aircraft is due to arrive later this year and the first of 20 A321XLRs will arrive in late 2024. The departing 717 was flanked at Sydney Airport on May 29, by two new arrivals in the fleet – a Boeing 787 Dreamliner and a Jetstar A321neo LR. The next-generation aircraft are part of a significant investment in fleet renewal that will see the group take delivery of a new aircraft every three weeks on average for the next few years. The incoming aircraft will help Qantas and Jetstar restore capacity and expand their network while lowering emissions and improving efficiency. Qantas' latest Boeing 787 Dreamliner, Billabong, started flying on the airline's international network this month, with another two Dreamliners to be delivered over the next three weeks. These additional aircraft enabled the resumption of Sydney-San Francisco flights and will support the launch of the Sydney to New York via Auckland route next month. This will bring Qantas' 787-9 fleet to 14 aircraft. Jetstar also this month welcomed its seventh Airbus A321neo LR aircraft, which are 50% quieter than the older A321s they replace and burn up to 20% less fuel. They are operating domestic services and flying between Australia and Bali. The airline will receive another 11 A321neo LR aircraft by the end of 2024. Through a combination of new arrivals and standby aircraft returning to service, the Qantas Group has returned to around 100% of pre-COVID domestic flying levels and expects to restore 100% of international flying by March 2024.

Eastar Jet takes delivery of Boeing 737-8 from BOC Aviation



Eastar Jet has taken delivery of one Boeing 737-8 aircraft

© AirTeamImages

Eastar Jet (Eastar) has taken delivery of one Boeing 737-8 aircraft on lease from BOC Aviation. The aircraft is powered by CFM LEAP-1B engines. "We are pleased to participate in Eastar's growth story and to welcome it as a new customer as we continue to provide the latest-technology aircraft," said Robert Martin, Managing Director and Chief Executive Officer, BOC Aviation.

"Korea and Asia-Pacific are markets that are recovering their vibrancy as they enjoy renewed growth, and this transaction is emblematic of the demand from customers that we are working with." From its operating base at Gimpo in Seoul, Eastar Jet offers services to Jeju Island in Southern Korea. Eastar commenced operations in 2009 and now operates three Boeing 737-800 aircraft.

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AIRCRAFT & ENGINE NEWS

Eve Air Mobility continues to advance eVTOL testing phase



Eve Air Mobility began testing its vertical lift rotors aboard a new custom truck-mounted platform

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Eve Air Mobility (Eve) has released that it continues to advance its electric vertical take-off and landing (eVTOL) testing phase as it makes strides toward key programme milestones. The various tests performed throughout this phase are part of Eve's building block approach to further enhance the maturity of its technology and eVTOL to deliver the best product to the market. Eve has completed propeller tests on its propeller rig in Brazil in order to measure aerodynamic performance and sound properties for modelling and development. The number and the overall characteristics of blades (torsion, shape, etc.) are critical in defining vibration, load and sound profile, as well as energy requirements of the eVTOL. Engineers tested multiple models to improve efficiency and reduce sound footprint and operating costs. The company also recently began testing its vertical lift rotors aboard a new

custom truck-mounted platform. The mobile testbed was designed specifically to evaluate the performance of rotors during the transition phase of flight. The engineering team has already begun testing and gathering data on the aerodynamic characteristics of rotors in forward flight. Eve Air Mobility's eVTOL features a lift+cruise configuration with dedicated rotors for vertical flight and fixed wings to fly on cruise, with no components required to change position during flight. This configuration favours safety, efficiency, reliability, and certifiability while also reducing the cost of operation and additional maintenance, repair and overhaul costs. The results from the company's recently completed wind tunnel tests, along with the findings from the propeller and truck-mounted rig, are being used to increase the fidelity of the company's flight simulator and fly-by-wire system. Eve Air Mobility is also utilizing learnings from ongoing enhanced computational fluid dynamics (CFD) calculations to mature the analysis of the transition between the hover and cruise phases of the flight, among other tools. Eve expects to conclude the selection of main equipment suppliers in the first half of 2023 and start the assembly of its first full-scale eVTOL prototype during the second half of 2023, followed by the test campaign in 2024. Eve's eVTOL is scheduled to be certified and enter service in 2026.

ITA Airways takes delivery of first A330neo aircraft

ITA Airways, Italy's national carrier, has taken delivery of its first Airbus A330neo aircraft, on lease from Air Lease Corporation (ALC). The A330-900 will join the ITA Airways' fleet in June to serve its long-haul routes and new intercontinental destinations.

The A330neo is the latest-generation aircraft type from Airbus to join the ITA Airways' fleet. The airline already operates an all-Airbus fleet of 68 aircraft including four A220s, 50 A320-family aircraft, eight A330-200s and six A350-900s. By selecting A330neo aircraft, ITA Airways is further consolidating its strategy of being an all-Airbus operator and leveraging new levels of efficiency and flexibility. ITA Airways' A330neo named Gelindo Bordin, to commemorate the Italian Olympic marathon champion, will feature a three-class cabin layout designed by renowned designer Walter De Silva. It will feature 30 full lie-flat bed business-class seats, 24 premium- and 237 latest-generation economy-class seats of which 36 are dedicated to comfort economy. All seats will be equipped with on-demand video and audio content as well as full Wi-Fi connectivity and highly customisable mood lighting throughout the cabin. The A330neo is the new-generation version of the popular A330 wide-body. Incorporating the latest-generation Rolls-Royce Trent 7000 engines, new wings and a range of aerodynamic innovations, the aircraft offers a 25% reduction in fuel consumption and CO2 emissions. The A330-900 is capable of flying 7,200 nm / 13,334 km non-stop. At the end of April, the A330 family had registered a total of over 1,775 firm orders of which 289 are A330neos from 25 customers. To date, 100 A330neos have been delivered globally.



ITA Airways has taken delivery of its first A330neo aircraft at a ceremony in Toulouse, France

© Airbus

AIRCRAFT & ENGINE NEWS

China's equivalent to the A320 and B737, the COMAC C919 makes first commercial flight

Delivered to launch customer China Eastern Airlines in December 2022, and after considerable flight testing, the COMAC C919 has completed its first commercial flight. Built by Commercial Aircraft Corporation of China (COMAC) the narrow-body C919 left Shanghai at 10:32 a.m. local time. It was subsequently welcomed with a water salute after landing at Beijing Capital International Airport at 12:31 p.m. The C919 is China's first 'home-grown' commercial airliner, though is powered by a pair of LEAP-1C engines, which were developed by CFM International, a joint venture between General Electric and French high-tech industrial group Safran. Many of the plane's major elements such as the nose, fuselage, outer wing, vertical stabilizer and horizontal stabilizer were designed by COMAC. The launch of the C919 is seen as a pivotal moment in Beijing's "Made in China 2025" strategy, which is looking to boost local manufacturing, including by reducing reliance on foreign airplanes for its aviation sector. "The first commercial flight is a coming-of-age ceremony of the new aircraft, and C919 will get better and better if it stands the test of the market," said Zhang Xiaoguang, Director of the marketing and sales department of COMAC, in a Xinhua report. With a range of up to 5,555 kilometres (3,452 miles), the C919 will be looking to take on the world's two largest aircraft manufacturers, Airbus and Boeing. It will be a direct competitor to their A320 and B737 narrow-body jets, primarily used for domestic and regional international flights. The single-aisle, twin-engine C919 has 164 seats in a two-class cabin configuration consisting of business and economy seats. According to the 2022 Shanghai Science and Technology Progress Report issued by the Shanghai government, as of the end of 2022, 32 clients have placed a total of 1,035 orders for the new plane.



China's first 'home-grown' commercial airliner the C919

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AIRCRAFT & ENGINE NEWS

ALC places four A220-300 aircraft on lease with Czech Airlines

Air Lease Corporation has announced the long-term lease placements for four new Airbus A220-300 aircraft with Czech Airlines. All four aircraft are scheduled to deliver to the European airline in 2024 from ALC's order book with Airbus. Petr Kudela, Chairman of the Board of Directors, Czech Airlines added: "These ALC A220s will greatly enhance our airline's operational strength as we modernize our fleet with highly efficient and environmentally friendly single-aisle aircraft. Czech Airlines is pleased to launch the cooperation with the ALC team at the time we celebrate our 100th anniversary in October 2023. Thanks to a brand-new cabin configuration, the aircraft offers best-in-class comfort for short- and medium-haul flights. I am, therefore, convinced that this step will be appreciated particularly by our customers." Czech Airlines is the Czech Republic's flag carrier. Founded in 1923, it ranks among the five oldest airlines in the world. The company specializes in regular passenger air transport, focusing primarily on direct scheduled connections between Prague and important destinations in Europe. Being a member of the SkyTeam global airline alliance and cooperating with its partner airlines, Czech Airlines offers its customers a wide range of destinations, daily frequencies and connecting services around the world.



ALC has placed four A220-300 aircraft with Czech Airlines

© Airbus

Airbus confirms Air Algérie order for five A330-900 and two A350-1000 commercial jets



Air Algérie has ordered five A330-900s and two A350-1000s from Airbus

© Airbus

European planemaker Airbus has confirmed that it has received a firm order from Air Algérie for five wide-body A330-900s and two wide-body A350-1000s. Air Algérie is the flag-carrying airline of Algeria in Northern Africa. The new commercial jets will allow the African carrier to strengthen its regional services as well as facilitating its ambitious plans for transcontinental destinations. Through operating the A330-900 together with the A350-1000, Air Algérie should benefit from operational savings such as a 25 percent lower fuel burn per seat and improved flexibility resulting from the unique commonality between members of the Airbus aircraft family. The A330neo family is powered by the latest-generation Rolls-Royce Trent 7000 engines, the A330-900 is capable of flying 7,200 nm / 13,334 km non-stop. By the end of April 2023, the A330 family had 1,775 firm orders from 130 customers worldwide. The A350 family is powered by Rolls-Royce's new Trent XWB engines, making it the most efficient wide-body aircraft to date, capable of flying 8,700 nautical miles or 16,100 kilometres non-stop. By the end of April 2023, the A350 Family had received 967 firm orders from 54 customers worldwide.

Global Airlines takes step closer to becoming operational with acquisition of first A380

Global Airlines has announced that it is to acquire its first Airbus A380 from Doric Aviation, looking to redefine the long-haul travel experience for its passengers. The new carrier has chosen to purchase its first four aircraft, all A380s, as opposed to going down the leasing route. The remaining three aircraft should join the fleet in the coming months. James Asquith, CEO and Founder of Global Airlines, said: "Our aspiration is to be the best way to fly, and the A380, with its unmatched levels of space, comfort, and service, will be absolutely central to achieving that vision. The purchase of our first aircraft demonstrates that we are well on the way to launching Global. The next step is to overhaul and refit the aircraft to our high specification, providing our customers with the best experience in the sky today. Acquiring our aircraft rather than leasing showcases our commitment to financial security and resilience from day one." The A380, the linchpin of the emerging Global fleet, will transport passengers back to the 'Golden Age of Air Travel' with its unrivalled spaciousness and reinvigorated flying experience in every cabin. With the acquisition of the A380, the airline is positioned to provide passengers with an exceptional journey, showcasing its commitment to becoming the preferred choice for long-haul travel. The airline is expected to formally launch this summer and to outline in detail its passenger proposition, a number of unique industry partnerships, as well as future route networks and growth aspirations.



Global Airlines is getting ready for launch this summer with its first Airbus A380

© Global Airlines

MRO & PRODUCTION NEWS

Volo Aero MRO adds Fowler Fusion Mark 4 to increase in-house capabilities

Volo Aero MRO has increased its in-house capabilities with the addition of a larger CMM capability adding a Fowler Fusion Mark 4. This automated CMM will enable Volo Aero MRO to better support its aerospace customers with the ability to inspect larger parts with greater accuracy and speed. This continuation in investment to support the market with outstanding machining solutions is another example of the company's drive to deliver value one part at a time to its customers. Volo Aero MRO provides repair capabilities on the PW4000, CF6-80C2, V2500, CFM56 and Rolls-Royce T56 product lines. Volo Aero MRO is based in Massachusetts USA and is an FAA-, EASA- and ISO9110-certified facility and a Rolls-Royce Authorized Repair Facility for the T56.

FINANCIAL NEWS

Qantas Group to establish AU\$400 million climate fund

The Qantas Group will establish an AU\$400 million climate fund to provide direct investments in sustainability projects and technologies, as the airline works towards its emissions reduction targets. The Qantas Climate Fund, announced as part of the Group's Investor Strategy Day, will be the largest aviation fund of its kind. The fund includes the ~AU\$290 million partnership established last year between Qantas and Airbus to accelerate a domestic sustainable aviation fuel (SAF) industry in Australia and an additional AU\$110 million from Qantas for other environmental projects such as high-integrity carbon offsets, offshore SAF investments, and operational efficiency technologies. The fund will target direct investment in technologies and projects, investment in managed sustainability funds that align closely to the airline's targets, and research and development partnerships. The airline has committed to reducing carbon emissions by 25% by 2030 (based on 2019 levels) and 10% use of SAF in the Group's fuel mix by 2030 as it moves towards net-zero emissions by 2050. SAF is the most significant tool airlines currently have to reduce their emissions, particularly given it can be used in today's engines and fuel delivery infrastructure with no modifications. Qantas is currently purchasing SAF sourced overseas, including 1ten million litres for flights out of London in 2023, and from 2025, 20 million litres per year for flights out of California. However, Australia does not have a local commercial-scale SAF industry. Domestically produced SAF will be a key part of the Qantas Group reaching its commitment to use 10% SAF in its overall fuel mix by 2030 and around 60% by 2050. To help

AIRCRAFT & ENGINE NEWS

Nauru Airlines complete financing deal with HALO for purchase of 737-800SF



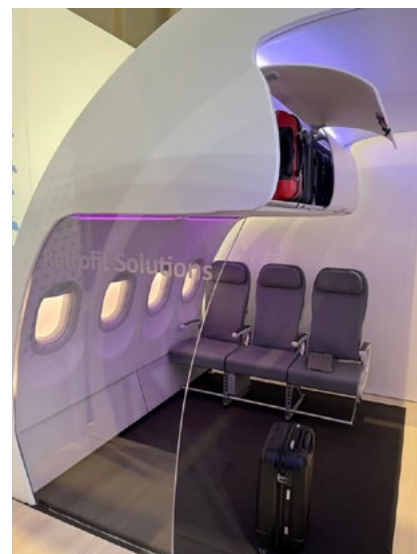
© Nauru Airlines

Nauru Air Corporation (Nauru Airlines), the flag carrier of the Republic of Nauru, has concluded a financing deal with HALO AirFinance (HALO) for the purchase of one Boeing 737-800SF freighter. HALO is a joint venture between GA Telesis and Tokyo Century. HALO is uniquely positioned in the aviation finance sector, benefiting from the combination of the respective structuring and financing expertise and asset and technical capabilities of GAT and TC. Nauru Airlines first took to the skies in February 1970 under the name Air Nauru. It operates scheduled international services to other Pacific islands and Australia. Its main base is Nauru International Airport. Its head office is on the property of Nauru International Airport, Yaren District and its operations office is in Brisbane in the Australian state of Queensland. This 737 freighter takes the Nauru Airlines all-Boeing 737 fleet up to six aircraft, three of which are freighters.

MRO & PRODUCTION NEWS

Elbe Flugzeugwerke to supply Airspace L Bins for Airbus A320 family

Elbe Flugzeugwerke GmbH (EFW), competence centre for Airbus Aircraft Conversions (P2F) and for lightweight components, has been appointed by Airbus as supplier and manufacturer of upsized overhead bins, the Airspace L Bins, a new retrofit solution for single-aisle Airbus aircraft. The Airspace L Bins optimize airlines' and passenger's needs for more cabin luggage space with a 60% increase of stowage capacity guaranteeing a time-saving and comfortable boarding. Moreover, this retrofit solution can be installed with a minimum of cabin modifications in just three-to-five days. The Airspace L Bins will be produced automated by EFW Group using new and smart manufacturing technologies, state-of-the-art equipment and processes. The company is ensuring sustainability with essential measures towards CO2 neutrality, such as photovoltaics, use of bioenergy, a paperless fab, participation in eco initiatives and much more. Manufacturing in Germany/Europe also ensures sustainable transport to Airbus. EFW has been an experienced Airbus First Tier supplier for composite components for more than three decades with a steady growth in product portfolio: from flat cabin and cargo floor panels and linings up to cabin interiors such as partitions or crew rest compartments and lavatories for converted passenger-to-freighter aircraft. Based on EFWs capabilities in product design, efficient production processes ensuring cost-efficient and high-quality production, the company has developed from a manufacturer to a provider of system solutions for aerospace.



Elbe Flugzeugwerke will supply Airspace L Bins for the Airbus A320 family
© EFW

FINANCIAL NEWS

kickstart local production of SAF, the Group is today calling for the Australian Government to introduce an SAF blending mandate as part of a broader framework of industry policies, similar to those already announced in other jurisdictions. The UK, Europe and Japan have set or proposed mandates of between 5% and 10% to be reached by the end of the decade and the US has set a 2030 production target of 3 billion gallons per year. (£1.00 = AU\$1.91 at time of publication).

SAS sees continued positive trend for passenger demand

SAS has seen continued positive trend for passenger demand through the second quarter. The carrier reported that 5.4 million passengers flew with SAS during the quarter, which represents an increase of 36% compared with the same period last year. The overall underlying demand for travel was healthy during the quarter, despite the economic uncertainties in society as a whole. During the quarter, SAS continued to increase its capacity for the summer and autumn adding new destinations and higher frequencies to popular destinations. The carrier added another ten routes for the upcoming summer and autumn, in addition to the 20 new routes announced in the first quarter. The airline has inaugurated three new direct intercontinental routes, from Aalborg to New York, from Gothenburg to New York, and from Copenhagen to New York. SAS is also resuming traffic to Tokyo in June, and as announced after the quarter ended, is bringing back a direct route from Copenhagen to Bangkok, Thailand to its passengers as well as adding weekly flights to Agadir, Morocco, starting this autumn. Earnings before tax ended at negative SEK -1.4 billion, representing a year-on-year improvement of SEK 143 million. Jet-fuel prices and currency exchange rates continue to bring strong headwinds for the business. Cost reductions across the business remain in focus to secure cost competitiveness. Total operating expenses for the quarter ended at SEK 9.9 billion. Total operating revenue landed at SEK 9.0 billion for the quarter, a year-on-year improvement of approximately SEK 1.9 billion. The cash balance at the end of the quarter was SEK 5.6 billion. Operational cash flow during the quarter amounted to an inflow of SEK 2.5 billion, up slightly year-on-year. The airline emphasised that it is making progress in its Chapter 11 process in the US and in reaching its overall targets in the SAS FORWARD plan. During the quarter, SAS took the next key step in SAS FORWARD – initiating the equity solicitation process. The airline is running a competitive and broad solicitation process to secure capital that will help drive its airline forward and facilitate its emergence from the Chapter 11 process in the US. (£1.00 = SEK13.51 at time of publication).

MRO & PRODUCTION NEWS

AMETEK MRO AEM expands heat exchanger repair capabilities at Ramsgate, UK



AMETEK MRO AEM has expanded heat exchanger capabilities at its Ramsgate facility in the UK

© AMETEK MRO

AMETEK MRO AEM, owned by AMETEK MRO, a provider of aviation MRO services, has expanded heat exchanger capabilities at its Ramsgate facility in the UK. This is due to increased customer demand from operators of A320, B737 and B757 aircraft fleets. These are all platforms currently supported by another AMETEK MRO company, AMETEK MRO Drake Air (Drake Air) in Tulsa, Ohio and AMETEK MRO AEM has worked in close partnership with Drake Air to transfer knowledge and experience via a comprehensive technician training programme to develop additional in-house capability in Europe. AMETEK MRO has devoted a substantial investment in AMETEK MRO AEM with the provision of tooling, test equipment and exchange units to sustain a highly efficient and reliable service. Andy Wheeler – Divisional Vice President and Managing Director, AMETEK MRO AEM explains why this supplementary service is needed: "In Europe, there is limited support for heat transfer outside of the OEM providers. AMETEK MRO's investment in AEM will provide a solution where customers will be able to get local (European) support for repairs with a broad capability covering a variety of aircraft types, thus providing a one-stop solution for operators of common aircraft and mixed fleets with the tangible benefit of quick turn-around times." AMETEK MRO AEM and Drake Air have collaborated and undertaken a comprehensive training programme to be able to offer customers flush and test, weld and resin, as well as core replacement for heat exchangers, with full CAA, FAA and EASA approval. Wheeler added, "Over the years Drake Air has engineered many DER solutions with the development of replacement cores for most popular heat transfer products. These offer equivalent reliability and attendant cost savings for those operators seeking such solutions." AMETEK MRO AEM is qualified to solicit heat exchanger repair business globally and with access to OEM documentation, technical support, and materials, the MRO has built a range of work scopes to better support a wide range of commercial jet operators. This strategic move, supported by investment from AMETEK MRO, aims to meet the growing demand for high-quality heat exchanger maintenance services and further reinforce its position as a trusted partner in the aviation industry across its main business pillars of Actuation, Aviation Safety, Avionics, Landing Systems, Power Generation and Thermal Management.

FINANCIAL NEWS

Safran enters into negotiations with Air Liquide to acquire its aeronautical oxygen and nitrogen activities

Safran has announced its exclusive negotiations with Air Liquide for the acquisition of Air Liquide advanced Technologies' aerospace technology oxygen and nitrogen activities, excluding the cryogenic activities related to marine applications. The aeronautical technologies activities of Air Liquide, based in Sassenage, France at its Campus Technologies Grenoble site, primarily focus on oxygen and nitrogen equipment and systems, employing 218 people and generating a turnover of over €40 million (£34.5 million) in 2022. Safran Aerosystems' Oxygen Systems business, which designs safety equipment for crews and passengers on civil and military aircraft, as well as helicopters, currently has 500 employees spread across the United States and France. This acquisition would complement Safran Aerosystems' existing product range, particularly in the area of On-Board Oxygen Generation Systems (OBOGS), positioning Safran as a leading player in systems integration. Sébastien Weber, CEO of Safran Aerosystems, expressed his enthusiasm for the project, stating, "We are excited about this opportunity and look forward to welcoming Air Liquide's Oxygen and Nitrogen aeronautical technology teams. Our activities and expertise are highly complementary, and together we can offer more comprehensive and efficient solutions to the market." The proposed transaction is subject to the information and consultation procedure with the relevant employee representative bodies of Air Liquide advanced Technologies and Safran Aerosystems, as well as the necessary regulatory approvals. The completion of the transaction is anticipated in early 2024.

Irish High Court orders wind up of two Russian-owned aircraft lessors

GTLK Europe DAC and GTLK Europe Capital DAC, two Russian state-owned aircraft and shipping leasing firms, both registered in Ireland, have both been ordered to be wind up by the Irish High Court. The orders have resulted in the dismissal of an application for both companies to be placed into examinership. Combined, the two companies have a net worth of approximately US\$4.5 billion. Both companies had been hard hit by sanctions placed on Russia subsequent to the country's invasion of Ukraine. The judge, Mr Justice Dignam, felt the application for examinership lacked the "good faith" required to allow a court to appoint an examiner to a company. The judge also noted that the companies had claimed in the examinership proceedings that they were

MRO & PRODUCTION NEWS

AEI receives Argentinian STC approval for B737-800SF freighter conversion



B737-800SF main deck

© AEI

Aeronautical Engineers (AEI) has released that Argentina's Administración Nacional de Aviación Civil (ANAC) has approved AEI's STC (ST02690LA) for the 12-pallet position B737-800SF freighter conversion. AEI has gained FAA, CAAC, EASA, TCCA, UK CAA, CAACI (Cayman Islands) DCA (Guernsey), Brazilian and now Argentinian ANAC approvals for its B737-800SF. AEI is currently the only conversion company to have ETOPS 180 approval on the 737-800 freighter conversion. Additionally, AEI can convert all 737-800-line number aircraft including those with Flat Aft Pressure Bulkheads, and Split Scimitar winglets. The AEI converted B737-800SF freighter offers a main deck payload of up to 52,700 lbs. (23,904 kg) and incorporates eleven full-height 88" x 125" container positions, plus an additional position for an AEP/AEH. The conversion also incorporates new floor beams aft of the wing box, a large 86" x 137" Main Cargo Door with a single vent door system. AEI's forward-thinking design allows for containers to be loaded into the aircraft a full 16.5" aft of the forward door jamb, ensuring ground operators have sufficient manoeuvring room which minimizes potential door and aircraft strikes. Additionally, the AEI B737-800SF includes a flexible Ancra Cargo Loading System, a rigid 9g barrier, five supernumerary seats as standard, a galley, and full lavatory.

Boeing opens new Distribution Services site in Poland

A new Boeing Distribution Services site is now open at Panattoni Park Rzeszów Airport III in Poland, more than doubling the space for storing aircraft parts compared to the prior location and expanding Boeing's presence in Poland's Aviation Valley, a unique industrial hub. The new site enables advanced, customised shipping and packing processes for Boeing's



Official opening of Boeing's new Distribution Services site in Poland

© Boeing

partners, which will improve delivery times to commercial and military customers, including airlines, original equipment manufacturers and maintenance, repair and overhaul operations. "Our goal is to expand our business in the vibrant Podkarpackie region and Europe, creating new jobs and opportunities for industrial partnerships," said Dr Michael Haidinger, President, Boeing Germany, Benelux, Central and Eastern Europe. Boeing Distribution Services has operated in Poland since 2005 and supports more than 200 customers in the military and civil aerospace sectors. The headquarters in Rzeszów is Boeing's second largest distribution centre in Europe, after the chemical and specialty materials facility in Hensteadt-Ulzburg, Germany opened in 2022. That facility, along with the new site in Poland, will help the company meet the growing demand for parts and professional aviation services across Europe. Boeing's diverse and expansive Parts & Distribution Services portfolio includes more than 15 million parts, services and tailored, platform-agnostic solutions that reduce cost, risk and complexity for production and aftermarket customers around the globe. Boeing continually strives to diversify its offerings, including investing in and developing regional distribution centres to enhance customer service.

FINANCIAL NEWS

insolvent, which contrasted to the strong denials they had made in opposition to the winding-up proceedings. A purported attempt last weekend by the companies, which was done without the knowledge of their Irish lawyers, to have their dispute with the petitioning creditors go before an arbitrator in the UK was also questionable. He said the companies had attempted "to derail and delay" the hearing of petition to have the firms wound up, which commenced before the Irish courts in April. The court heard that the Kremlin-owned companies have an estimated deficit of more than US\$1 billion. The four creditors, represented by barrister Kelley Smith SC, instructed by William Fry Solicitors, that sought to wind up the GTLK firms were Trinity Investments DAC and an associated entity, Allestor Europe Multi Asset Portfolio, which is a subfund of Allestor Capital ICAV. The other two creditors are Ben Oldman Special Situations Fund LP and Sona Credit Master Fund Limited, which are both registered in the Cayman Islands. The creditors claimed they are owed US\$178 million by the GTLK Europe group and that debt was rising. (£1.00 = US\$1.24 at time of publication).

MILITARY AND DEFENCE

Boeing and ST Engineering sign P-8A Poseidon sustainment MoU

Boeing and ST Engineering have signed a Memorandum of Understanding (MoU) to outline potential areas of collaboration in systems integration, training, local parts distribution, support and sustainment work for the P-8A Poseidon. Boeing and ST Engineering have identified opportunities to collaborate in a number of areas and will explore these in more detail, including jointly developing a P-8 service centre in Singapore with the provision of engineers and aircraft maintenance technicians to support maintenance and engineering services. The P-8A is a long-range, multi-mission aircraft that delivers unmatched anti-submarine warfare, anti-surface warfare, intelligence, surveillance and reconnaissance and humanitarian assistance and disaster relief capabilities. The P-8A, a military derivative of the Next-Generation 737-800, combines superior performance and reliability with an advanced mission system that ensures maximum interoperability in the future battle space. With more than 160 aircraft in service, the P-8 has executed more than 600,000 mishap-free flight hours around the globe. Militaries that operate or have selected the P-8A Poseidon include the U.S. Navy, the United Kingdom's Royal Air Force, Royal Australian Air Force, Royal New Zealand Air Force, Indian Navy, Royal Norwegian Air Force, Republic of Korea Navy and German Navy.



Torbjorn Sjogren, VP and GM, Government Services, Boeing Global Services and Sarbjit Singh, President, Defence Aerospace, ST Engineering © Boeing



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OTHER NEWS

Allegiant and the **International Brotherhood of Teamsters** (IBT), representing Allegiant dispatchers, have ratified a new contract agreement on a two-year extension to the union's initial collective bargaining agreement. The tentative agreement, announced on May 3, 2023, was ratified by the Allegiant flight dispatchers with a 95.8% approval vote. Allegiant currently employs 50 flight dispatchers, coordinators and instructors. The current collective bargaining agreement became effective on April 25, 2019, and was scheduled to become amendable on May 31, 2024. The parties opened off-the-record discussions early, resulting in a tentative agreement to replace the original rate increases scheduled for May 31 of this year and adding two additional years addressing a change in rates only. Las Vegas-based Allegiant is an integrated travel company with an airline at its heart, focused on connecting customers with the people, places and experiences that matter most. Since 1999, Allegiant Air has linked travellers in small-to-medium cities to world-class vacation destinations with all-nonstop flights.

Singapore Airlines (SIA) will extend comprehensive free unlimited Wi-Fi access from July 1, 2023, when the service is extended to all travellers in all cabin classes, including Premium Economy Class and Economy Class. This enhanced Wi-Fi offering will be available virtually across the entire aircraft fleet (except for the seven Boeing 737-800 NGs that are not Wi-Fi enabled) and almost the entire global SIA route network. As a result, customers across all cabin classes will be able to stay connected with loved ones, work online, or keep up to date with the latest news or their social media feeds, even from 36,000 feet in the sky. To enjoy this service, customers must enter their KrisFlyer membership details at the point of booking through the Manage Booking online option, or at check-in. Non-KrisFlyer members may also sign up for their free membership online or on board their flight via the SIA digital content portal on their personal mobile devices to enjoy the complimentary in-flight Wi-Fi. Suites, First Class, and Business Class customers, as well as PPS Club members will continue to enjoy access to free, unlimited in-flight Wi-Fi. Since February 2023, KrisFlyer members travelling in Premium Economy Class and Economy Class have enjoyed complimentary three- and two-hour Wi-Fi surf plans respectively.

The **International Air Transport Association** (IATA) has released data for April 2023 global air cargo markets, showing a continued, but slower, decline against the previous year's demand performance. Global demand, measured

INFORMATION TECHNOLOGY

Swiss Aviation Software (Swiss-AS) and **Volocopter** have co-signed a landmark multi-year contract for AMOS, Swiss-AS's maintenance, repair, and overhaul (MRO) software. AMOS will be used to manage Volocopter's electric vertical take-off and landing (eVTOL) aircraft fleet worldwide.



AMOS will be used to manage Volocopter's electric vertical take-off and landing (eVTOL) aircraft fleet worldwide
© Swiss-AS

Seamless software integration will ensure continued fleet airworthiness, offer aircraft reliability monitoring and analysis, and act as an interface to Volocopter's proprietary digital operating system, the VololQ. This is the first time Swiss-AS is collaborating in an urban air mobility (UAM) setting, a key development as Volocopter prepares for entry into service in 2024. As the UAM industry pioneer, Volocopter is set to receive type certification (TC) in 2024 for its VoloCity, a two-seater electric air taxi built for city use. The company will be the first to launch commercial services in Europe that meet the same very high safety standards commercial airliners must satisfy. Besides product certification, a successful industry launch and future operations scale-up require a solid UAM ecosystem. Plus, eVTOL fleets in global megacities will need to deliver fast turnaround times to maximize vertiport and airport space and provide an efficient customer service. AMOS excels at managing vehicle configuration traceability throughout its life cycle, a critical aspect of proper aircraft fleet maintenance. Further such aspects include component design/purchase dates, installation/replacement dates, and total operating hours. AMOS will also monitor ground handling operations, deploy the relevant tools, and manage ground staff assignments. Ground technicians will use AMOS-mobile/EXEC, a touch-optimised mobile maintenance solution for "live" data streams. Further, artificial intelligence (AI) will enable reliability monitoring to improve fleet management efficiency. Meanwhile, Volocopter's VololQ backbone will monitor customer-facing services like the booking process, as well as aircraft location and status, and battery health. Interlinking Volocopter's air- and ground-side operations will create a fast, transparent, and safe fleet management system to support scaling of eVTOL operations.

in cargo tonne-kilometres (CTKs), fell 6.6% compared to April 2022 (-7.0% for international operations). This decline was an improvement over the previous month's performance (-7.6%). Capacity (measured in available cargo tonne-kilometres, ACTKs) was up 13.4% compared to April 2022. It was also up 3.2% compared to April 2019, marking the first time in three years that capacity has surpassed pre-COVID levels. The strong uptick is primarily driven by belly capacity as demand in the passenger business recovers. Adjusting for this, freighter capacity declined 2.3%. Freight operations ceased in March after 2.5 years of continuous activity.

Key factors influencing demand include: The global new export orders component of the Purchasing Managers' Index (PMI), a leading indicator of cargo demand, improved in April. China's PMI level surpassed the critical 50-mark indicating that demand for manufactured goods from the world's largest export economy is growing. Global goods trade increased by 0.2% in March, marking the first annual increase since November 2022. Consumer and producer prices increases have moderated. The April headline Consumer Price Index (CPI) recorded rates of

5.0% in the US, 0.3% in China, and 3.5% in Japan. While Europe (excluding the UK) was higher (8.1%), it is well below its 11.5% October 2022 peak.

IAG Cargo, the cargo division of **International Airlines Group** (IAG) is celebrating the official opening of its new cargo handling facility, New Premia, at its key international hub, London Heathrow. New Premia will serve as IAG Cargo's new home for handling premium loose shipments, enabling double the amount of cargo to be managed daily. To accommodate this increase in cargo handling capacity, significant focus has been given to designing bespoke IT systems and systems integration to regulate freight movements and allocations inside the facility. The facility has been designed to handle more cargo for customers as efficiently as possible, with 11 new landside doors, meaning even faster engagement for drivers to collect or drop off cargo. The temperature-controlled building includes a state-of-the-art Constant Climate Quality Centre (CCQC) for pharmaceuticals, with 29 dedicated cool cells

OTHER NEWS

and temperature facilities available from +2°C to +8°C (COL), +15°C to +25°C (CRT) and -20°C (FRO) ensuring sensitive shipments are held in a temperature-controlled environment at all times. Additionally, the +15°C to +25°C (CRT) chamber includes two dedicated break-and-build workstations. The new facility is certified under IAG Cargo's Good Distribution Practice (GDP) WDA licence issued by the UK Medicines & Healthcare Regulatory Agency. Operationally, four large 'transfer vehicles' have been introduced which service the 20 new workstations. These vehicles pass through rapid-rise doors allowing cargo to be moved autonomously through the facility and into storage in advance of collection and delivery to the aircraft for exports while, similarly, the process works in reverse for imports. This process uses ground-breaking technology as the system is fully integrated with IAG Cargo's existing Warehouse Management System – which is the first time, globally, that this integration has been delivered. Investment into learning and development remains key at IAG Cargo and to prepare for New Premia opening and the transition to the new model, IAG Cargo staff have received targeted training over the last 18 months and this training continues as normal operations takes place at the facility. New roles have also been created such as six new Planning Managers, who work closely with the Operations Duty Manager and are fundamental in delivering the day-to-day operations.

Avionica, a global leader in aircraft data management solutions has announced the



ANA, Japan's largest full-service carrier, will be using Sabre's intelligent slot management solution to optimize its network
© Sabre

All Nippon Airways (ANA) will enhance its long-standing relationship with **Sabre** to amplify its network planning and optimisation capabilities. ANA and Sabre have a valued, decades-long relationship, with the airline already using Sabre Slot Manager solution for its international routes. The carrier will now deploy the same advanced technology for its domestic network. ANA is also part of Sabre's global distribution marketplace, while its mid-haul airline AirJapan utilizes a suite of products from Sabre, including the Radixx Res Passenger Service System (PSS). "We've steadily relaunched our international routes post pandemic, using Sabre technology to streamline our slot management process," said Naohiro Terakawa, Vice President, Network Planning, All Nippon Airways. "However, slot management for our domestic routes has historically been managed manually, which was time consuming for our team, and didn't give us the flexibility we were looking for. That's why we're thrilled that we will now be using Sabre Slot Manager for our domestic network too, so we can strategically manage our portfolio and improve efficiencies to help us increase revenue and reduce costs." Sabre Slot Manager is a comprehensive slot management solution which allows airlines to manage slot portfolios, automating the slot messaging process to avoid manual messaging and helping to sync schedule and slots to avoid penalties and loss of historic slots.

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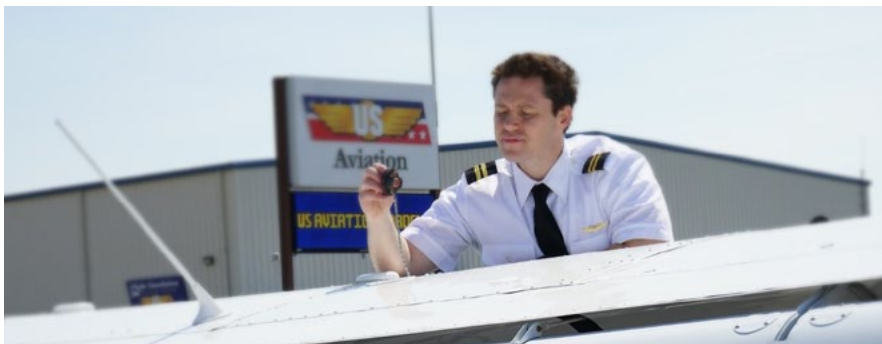


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OTHER NEWS

successful induction of its miniQAR's and LTE product line to two prominent air carriers **Air Transat** and **JSX**. This milestone marks a major advancement in aviation data management, paving the way for enhanced operational efficiency and safety for both carriers. Air Transat, a Canadian operator with a mixed fleet of 31, A330 and A321 aircraft, has chosen Avionica's Flight Data Management Solution that utilize Avionica's miniQAR's and LTE product line. To further enhance and streamline their data management process delivery, both of the airline's aircraft will use the Avionica avSYNC service which enables immediate data transfer. The miniQAR's compact size and advanced data collection capabilities will allow Air Transat to efficiently collect and analyze critical flight data, enabling it to make data-driven decisions to optimize operations, maintenance, and safety. JSX, known for pioneering a new category of flying called 'hop-on jet service' utilising a fleet of 41 Embraer ERJs, has also selected Avionica's miniQAR's and LTE Flight Data Management Solution. In addition, JSX will also enable the Avionica avSYNC product to ensure the fastest delivery of data. With JSX's commitment to providing premium passenger experience, Avionica's cutting-edge solutions will enable it to proactively monitor and manage its aircraft data, ensuring the highest level of safety and reliability for its operations. Avionica's miniQAR's and LTE products are renowned for their reliability, durability, and advanced data collection capabilities, making them the top choice for airlines around the world. With these installations to Air Transat and JSX, Avionica further solidifies its position as a trusted partner in the aviation industry, providing innovative solutions that enable airlines to optimize their operations and enhance safety.



© US Denton Flight School

Spirit Airlines is turning to Texas to expand its pipeline of highly skilled, professional pilots. The carrier released that **US Aviation Academy** in Denton, Texas, is the latest partner to join the Spirit Wings Pilot Pathway programme. The flight school offers comprehensive pilot training and is conveniently located near one of Spirit's Pilot crew bases at Dallas Fort Worth International Airport (DFW), which provides graduates with opportunities to build relationships and progress to a successful career as a Spirit First Officer. Candidates must successfully complete their flight training at US Aviation Academy and achieve approximately 500 hours of total flight time to apply for the programme. If successful in Spirit's interview process, they will receive a conditional offer of employment, a Spirit Electronic Flight Bag (EFB) and mentorship as they work toward completing the hours required for an Airline Transport Pilot (ATP) certificate. Programme pilots who meet all requirements will join the team as a Spirit First Officer. "US Aviation Academy has all the attributes of a top-notch flight school, and that's exactly the type of partner we are looking for as we expand our pilot pipeline," said Ryan Rodosta, Senior Director of Flight Operations and System Chief Pilot at Spirit Airlines. "We're adding new planes and new destinations, and our continued growth makes this the perfect opportunity to start working toward a career on the flight deck with us." Spirit's pilots soar to 90+ destinations across the United States, Latin America and the Caribbean in some of the newest, most fuel-efficient aircraft in the industry. More brand-new planes are planned for delivery in 2023, including eight new Airbus A321neo aircraft, creating opportunities for First Officers to quickly upgrade to Captain. The airline's pilots recently approved a contract that provides a significant pay increase and other enhanced benefits. Spirit also offers its pilots industry-leading training and exceptional quality of life.

INDUSTRY PEOPLE



Frederico Lemos

- Embraer has appointed **Frederico Lemos** to the position of Chief Commercial Officer (CCO) for international businesses of Embraer Defense & Security. Following the appointment of **Bosco da Costa Junior**

as President & CEO of Embraer Defense & Security in November 2022, Embraer is strengthening its leadership to accelerate the internationalisation of its defence unit, building on the excellent moment of the C-390 Millennium and the A-29 Super Tucano.



© Jackson Jet Center

Jackson Jet Center, a provider of private and business aviation services, has announced its partnership with **TITAN Aviation Fuels**, a renowned supplier of aviation fuel products. The collaboration between the two companies aims to elevate the customer experience at Jackson Jet Center's Fixed-Base Operator (FBO) in Boise, Idaho. Since its founding in 1975, TITAN Aviation Fuels has established itself as a premier provider of aviation fuel solutions. With over 40 years of industry experience, TITAN Aviation Fuels is known for its commitment to serving the aviation community. Jackson Jet Center, with its state-of-the-art facilities and extensive range of services, including FBO, charter, maintenance, and parts departments, has built a reputation of excellence in the aviation industry. The addition of TITAN Aviation Fuels products and rewards programme will further elevate the level of service and convenience offered to customers.

INDUSTRY PEOPLE

cano in the global market. Bosco da Costa Junior retains commercial leadership for Brazil and Latin America, in addition to the CEO role. Lemos will take office on June 1 and will be based in Lisbon, Portugal. Lemos started his professional path in the Portuguese Air Force as a career officer. In 2011, he joined OGMA and, soon after, Embraer Defense, where he worked in different positions in Business Development and Sales, both in Portugal and the United Arab Emirates. Since 2020, Lemos has been the CEO of EID SA, a Defense Communications OEM based in Portugal. An Aerospace Engineer who graduated from the Portuguese Air Force Academy and IST, Lemos also holds an MBA from INSEAD and Post-Graduation degrees in Leadership and Innovation, Economics & Management from Catolica Lisbon School of Business & Economics, and ISEG Lisbon School of Economics & Management.



Richard Sell

• HAECO Group, a leading global provider of aircraft maintenance, repair and overhaul services, has appointed **Richard Sell** as its new Chief Executive Officer. He will assume the role on July 1, 2023, succeeding **Frank Walschot**, who will remain as an advisor to the company. With over 20 years of leadership experience in a diverse range of industries and corporate structures, Sell brings a wealth of expertise to his new role. He currently serves as the Chief Executive Officer of Hong Kong Aero Engine Services (HAESL), a 50/50 joint venture between HAECO and Rolls-Royce, and is a director of Taikoo (Xiamen) Aircraft Engineering Company and Goodrich Asia-Pacific. Prior to his current role, Sell held management positions with several Swire group companies, including Cathay Pacific Airways, Swire Pacific, The China Navigation Company, Swire Energy Services, and Swire Pacific Offshore in Hong Kong, Singapore, India and Europe. During this time, he gained experience in various sectors, including aviation, marine, retail and distribution, and was responsible for both wholly owned subsidiaries and joint ventures covering Hong Kong and the Chinese Mainland. As the Chief Executive Officer of HAECO, he will be responsible for overseeing the Group's operations and business strategy, with a focus on driving safety, quality, and operational

excellence to meet the needs of its diverse global customer base. Sell holds a degree from the University of Leeds and has also attended INSEAD and Stanford University Graduate School of Business.

• TRAX, a leading supplier of aircraft maintenance software solutions, has announced that **Justin Daugherty** has joined the company as senior Director of Sales and Marketing. TRAX is expanding its current sales team and welcomes Daugherty's expertise in sales, business development, and marketing functions. Daugherty joins TAX from Ultramain Systems Incorporated where he ran the Project Management Organisation, successfully implementing existing and new customer projects as well as supporting business development activities. Prior to that, he played a pivotal role as the Deputy Director of Maintenance at Virgin Galactic in the starting up of the Spaceline Maintenance Organisation. Daugherty holds an airframe and powerplant license with inspection authorisation and is a private pilot. He began his aviation maintenance career working in business aviation at an FBO and advanced from there to various positions of responsibility for maintenance and operations at deployed CONUS and OCONUS locations for General Atomics Aeronautical Systems Incorporated. With a track record of success in aviation operations, project management, and business development, he brings a wealth of knowledge to further strengthen TRAX's position in the industry.



Tom Plant

• Industry veteran **Tom Plant** this month steps into the role of Executive Chairman at Acro Aircraft Seating, bringing three decades of expertise and a wealth of global experience to the fast-growing company. The appointment follows a period of intense development and major investment for Acro, culminating in the company's recent move into industry-leading, purpose-built headquarters at Crick, Northamptonshire (UK) and launch of its Series 9 platform of seats – a seat without compromise. Plant's career encompasses a number of demanding senior roles, latterly as Vice President/General Manager Aircraft Seating Products Group and Business Jet Segment for a major seating manufacturer, leading a US\$1.4 billion (£1.12 billion) revenue business unit with 4500+ employees.

Professional achievements include driving double-digit growth and his considerable leadership skills include strategic business management, driving growth and profitability and the management of complex technical product portfolios.

• Global Airlines, the newest long-haul airline, has appointed **Richard Stephenson** OBE as a Board Director and Chief Commercial Officer. Stephenson, who has been advising Founder and CEO, James Asquith, since last summer, has now taken up a full-time post within the business, with more senior appointments imminent. Stephenson started his career on an industrial placement at British Airways in 1998 and describes his role with Global Airlines as 'a dream come true'. He spent six years as a director of the UK Civil Aviation Authority, during which he managed some of the biggest crisis situations to hit the sector and vigorously defended consumer rights.

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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
A320-200	ALTAVAIR	V2527-A5	6093	2014	May 2024	Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
A320-200	ALTAVAIR	V2527-A5	6098	2014	May 2024	Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
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	Now	Sale / Lease	David Byrne	aircraft@gatelesis.com	+353 86 780 8974
A330-200	Doric	Trent 772B-60	1310	2012	Q2/2024	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 69 247559-931
A330-200 EFW	ALTAVAIR	Trent 772B-60			Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
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
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
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
CF34-10E5	Now - Lease				
CF34-8C5	Now - Lease				
(2) CF34-3A	Now - Sale	GNS	Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511
(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
(1) 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



THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines

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) CFM56-7B26	Now - Lease				
(1) CFM56-5B4/P	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CFM56-7B24/E	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(1) CFM56-7B24/3	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(2) CFM56-5C4	Now - Lease				
(1) CFM56-7B27/3	Now - Lease				
(1) CFM56-5B4/P	Now - Sale/Lease/Exch.	AeroDirect	Sean Miller	SMiller@aerodirect.com	+1.404.229.3723
(1) CFM56-5B2/P	Now - Sale/Lease/Exch.				
(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	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)1357 521144
(1) CFM56-5A3	Now - Sale				
(1) CFM56-7B24/3	Now - Lease				
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(1) CFM56-7B27/B	Now - Lease				
(2) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-5B4/3	Now - Sale / Lease				
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.				
(2) CFM56-5B6/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(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
(4) 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
(1) PW1521G-3	Now - Lease				
PW 2000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW2040	Now - Sale	Pratt & Whitney CSA	Jim Obrzut	james.obrzut@prattwhitney.com	+1 (860) 280-7665
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(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				
(2) PW127M	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(1) PW150A	Now - Sale/Lease/Exch.				
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(2) Trent 772B-60	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) Trent 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
(2) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	Now - Lease				
(2) V2527-S2	Now - Sale	Pratt & Whitney CSA	Jim Obrzut	james.obrzut@prattwhitney.com	+1 (860) 280-7665
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiair.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) GTCP331-200ER, (2) GTCP131-9A,	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) GTCP131-9B					
(1) A321 Enhanced Landing Gear 2020 OH					
(1) GTCP36-150	Now - Sale	GNS	Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511
(2) A320 LG Shipsets, (1) A320 NLG, (1) A340 LG Shipset		GA Telesis		landinggearsales@gatelesis.com	
(1) 777-200 LG Shipset, (1) A330 LG Shipset					
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) GTCP331-500B	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
(2) GTCP131-9A, (2) GTCP131-9B, (1) GTCP331-350		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(2) APS3200B, (3) APS3200C, (1) GTCP331-500					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com	+1-954-676-3111
(3) APU GTC131-9B	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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