

Weekly Aviation Headline News

WORLD NEWS

Etihad Cargo grows Chinese network

Etihad Cargo, the cargo and logistics arm of Etihad Airways, has operated the carrier's inaugural flight to Ezhou Huahu Airport. Etihad Cargo's Boeing 777-200 freighter arrived in Ezhou on 18 August, making the carrier the first international airline to operate flights to the airport. According to Etihad Cargo, the new route will provide operators and partners with greater connectivity to the Chinese market and support Abu Dhabi's vision of becoming a global logistics and express hub. The carrier is the first international airline other than SF Airlines to operate flights to the airport.

Emirates and Air Canada expand codeshare

Emirates has announced that its codeshare partnership with Air Canada has extended to include flights to and from Montréal, following the launch of services to Québec's largest city in July. The expanded network of Canadian points included in the codeshare partnership between Emirates and Air Canada now extends to 11 destinations via Montréal, with an additional 69 points accessible from the gateway, on an interline basis. Emirates deploys A380s on services to Toronto and B777-300s on the Dubai – Montreal service.

Amex GBT, Google and Shell Aviation expand SAF programme

American Express Global Business Travel (Amex GBT), a B2B travel platform, and Shell Aviation announced that Google has joined its sustainable aviation fuel (SAF) programme. Google's collaboration with Amex GBT and Shell Aviation builds on its goal to reach net zero across all its operations and value chain by 2030 and contributes to global climate solutions. Amex GBT and Shell Aviation's SAF programme demonstrates how the private sector can drive systemic change. The programme was launched in 2022 with 1 million gallons of SAF.



Aer Lingus is to further expand its North American network.

© Aer Lingus

More connections across the Atlantic

With new services from Aer Lingus and American

Oneworld members Aer Lingus and American Airlines are the latest carriers to announce increased operations across the Atlantic in response to soaring demand. Aer Lingus is to further expand its North American network as the airline announces a new direct service to Denver, Colorado and the re-launch of the Minneapolis-St. Paul route, both taking off from Dublin as part of its summer 2024 programme.

The new additions will bring the total number of Aer Lingus routes operated between Ireland and North America to 18. This strategic expansion reflects the airline's commitment to its Dublin Hub strategy, not just between Ireland and North America, but also offering seamless connections to Europe. Services to Minneapolis-St Paul commence on April 29th, 2024, increasing from four-times weekly to a daily year-round service from next October and will be served by its newest aircraft the A321XLR

from Winter 2024. Dublin - Denver flights, which will also operate four times a week, will begin from May 17th, 2024.

Aer Lingus Chief Executive, Lynne Embleton said: "This summer has been our biggest yet, with 2.25 million seats to North America and

from Philadelphia (PHL) to Copenhagen, Denmark (CPH); Naples, Italy (NAP); and Nice, France (NCE). American will also launch new service between Dallas-Fort Worth (DFW) and Barcelona, Spain (BCN) and bring back flights between Chicago (ORD) and Venice, Italy (VCE).

“This summer has been our biggest yet, with 2.25 million seats to North America and we are confident in our growth strategy.”

Aer Lingus CEO Lynne Embleton

“American is thrilled to add three new European destinations,” said Brian Znotins, American's Senior Vice President of Network and

the successful addition of Cleveland, Ohio to our network. We are confident in our growth strategy and look forward to welcoming customers onboard these two new routes next year.”

Meanwhile, American Airlines will add three new European cities in 2024 — Copenhagen, Denmark (CPH); Nice, France (NCE); and Naples, Italy (NAP) — starting next summer.

American will add new nonstop service to Europe, with flights

Schedule Planning. “New service from Philadelphia and expanded transatlantic service from Chicago and Dallas-Fort Worth will offer customers convenient one-stop access from more than 200 unique destinations across the U.S. to Europe next summer.”

American also recently expanded service to year-round on routes to several key transatlantic destinations, including Lisbon, Portugal (LIS), Madrid (MAD), and Rome (FCO).

AIRCRAFT & ENGINE NEWS

DAE to acquire order book of 64 Boeing 737 MAX aircraft

Dubai Aerospace Enterprise (DAE) has released that an affiliate has signed a definitive agreement to acquire the rights, interests, and obligations of a portfolio of 64 Boeing 737 MAX aircraft from a wholly owned subsidiary of China Aircraft Leasing Group Holdings Limited (CALC). The portfolio includes 737-8, 737-9 and 737-10 variants. Delivery of the aircraft is scheduled to occur between 2023 and 2026. Terms of the transaction were not disclosed.

The 737 MAX airplane family delivers enhanced efficiency, improved environmental performance and increased passenger comfort to the single-aisle market. Powered by CFM International LEAP-1B engines and advanced technology winglets, the 737 MAX reduces fuel use and emissions by 20% compared to airplanes it replaces. The 737-10 is the largest model in the 737 MAX family and can seat up to 230 passengers in a single-class configuration, flying up to 3,300 miles. The fuel-efficient jet can cover 99% of single-aisle routes. DAE's Chief Executive Officer, Firoz Tarapore commented, "We are delighted to be able to conclude this transaction with CALC to acquire a unique portfolio of 100% new-technology, fuel-efficient single-aisle aircraft". On a pro forma basis, this transaction will increase the percentage of new-technology, fuel-efficient aircraft in DAE's owned fleet to approximately 66% from 50%. The transaction will increase the fleet of owned, managed, committed and mandated-to-manage aircraft to approximately 550 aircraft, valued at approximately US\$20 billion (£15.75 billion). Furthermore, this transaction will allow the company to further deepen its existing relationship with Boeing and CFM International. Since inception and including this transaction, DAE has acquired and is committed to acquire approximately 500 Boeing aircraft. Approximately 20% of the acquired portfolio is on lease to airline clients who are also existing clients of DAE, with the remainder of the acquired portfolio of assets to be placed directly by DAE in the coming quarters. The transaction is expected to be completed in the third quarter of 2023.



DAE will acquire a portfolio of Boeing 737-8, 737-9 and 737-10 aircraft from CALC

© Boeing

Leonardo reaffirms leading position in private helicopter transport market



AW119Kx helicopter

© Leonardo

A distributor agreement was signed at LABACE 2023 between Leonardo and Gruppomodena S.A. for the civil market in Uruguay and Argentina including an order for two AW119Kx helicopters and an order for one AW109 GrandNew helicopter for a private operator in Brazil. Official distributor in Brazil for the AW09 latest-generation single-engine, Gualter Helicopters signed for three aircraft with private operators. Leonardo's growth continues to leverage the Agusta brand's exclusive solutions in the VIP/corporate market and through the new Service and Logistic Centre in Itapevi. Gruppomodena S.A. has been appointed official distributor of Leonardo helicopter types including the AW119Kx, AW109 legacy, AW169 and AW139 for the civil markets in Uruguay and Argentina. A major player in Latin America for helicopter services, this partner is also an established operator of AW109 and AW139 helicopters for a range of roles including passenger transport, offshore transport, and rescue as well as an author-

ised service centre for the reference market. All of these light helicopters announced at LABACE will feature customised VIP interiors and will be used for private/corporate transport in the relevant locations. Furthermore, Leonardo's distributor for the latest generation AW09 single engine model in Brazil, Gualter Helicopters (Aero Service Representação) has signed contracts for three aircraft for executive transport with three different end-users in the country. These latest achievements for the AW09 in Brazil come two months after the appointment of Gualter Helicopters, which had signed preliminary sales contracts for 20 units in March, providing evidence of the already anticipated strong interest from potential operators in acquiring the new type. Acquired three years ago by Leonardo, the AW09 perfectly complements Leonardo's product range in the Long Light Single segment, introducing an all-new design aircraft to sustain long-term competitive positioning in this weight category.

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Airbus A350-900 XWB joins Fiji Airways' fleet



Fiji Airways' new A350 XWB was welcomed with a water salute

© Fiji Airways

Fiji Airways has today taken delivery of its newest Airbus A350-900XWB (A350) as part of a journey to modernise the national carrier's fleet. Named the 'Island of Beqa', the brand-new aircraft is the third A350 to join the Fiji Airways fleet. It is considered the world leader in long-range flights. Company Managing Director and Chief Executive Officer Andre Viljoen said: "One of the five 'Game Changer' strategies the national airline has relentlessly pursued since 2017, has been the modernisation of its aircraft with new-generation aircraft such as the Airbus A350. The A350 with its superior cabin, significant fuel savings and substantial cargo capacity has fast become the pride of the airline and the joy of its passengers." These modern, state-of-the-art aircraft enable the airline to explore new destinations much further than its current network. For example, the A350 XWBs are capable of flying much deeper into the United States or Canada. Some possibilities Fiji Airways is continually exploring for the future include Dallas, Seattle, Beijing, Shanghai, Seoul and also Noumea, Wallis, Rarotonga, Port Moresby and several additional destinations in Australia. The A350 XWB will add more capacity to the airline's leading source markets of Australia and New Zealand, North American long-haul flights to San Francisco and Vancouver, as well as Hong Kong which its current gateway to China.

Luxwing takes delivery of one DHC-8-400 from Aergo



Luxwing has taken delivery of one DHC-8-400 jet from Aergo Capital

© Aergo

Aergo Capital (Aergo) has successfully handed over a DHC-8-400 aircraft with manufacturer serial number 4088 to Malta-based Luxwing. This marks the initial aircraft out of a pair slated for delivery to Luxwing within the current year. Fred Browne, the CEO of Aergo, expressed his excitement, stating, "We are delighted to announce the delivery of a DHC-8-400 aircraft to Luxwing. We extend our heartfelt appreciation to all those who played a role in finalising this agreement. Welcoming Luxwing into our lessee portfolio is a source of enthusiasm, and we anticipate a prosperous and enduring partnership."

AIRCRAFT & ENGINE NEWS

ALC and Royal Air Maroc sign deal for five Boeing 737 aircraft



Royal Air Maroc Boeing 737-800

© AirTeamImages

Air Lease Corporation (ALC) has signed long-term lease contracts for five Boeing 737 aircraft with Royal Air Maroc (RAM), including four new Boeing 737-8s and one Boeing 737-800. The new aircraft are scheduled to deliver to the Moroccan flag carrier in 2024 from ALC's order book with Boeing. These new contracts are augmenting already placed ALC-owned aircraft. Royal Air Maroc is the Moroccan national carrier, as well as the country's largest airline. The airline has established a network reaching 80 destinations in 41 territories around the world, including frequent departures towards the biggest capitals in Europe, North America, South America, Africa, The Maghreb region, and the Middle East. Its main hub is located at Mohammed V airport in Casablanca.

MRO & PRODUCTION NEWS

AJW Group and Airblue renew Power-by-the-Hour agreement

AJW Group, an independent aircraft component parts, repair, and supply chain solutions provider, has announced the renewal of its Power-by-the-Hour (PBH) agreement with Airblue in Pakistan. With this contract extension, Airblue reinforces its commitment to AJW and ensures exceptional fleet support for its five Airbus A320 and five Airbus A321 aircraft in addition to the recently signed A320neo-fleet support contract. Scott Symington, Chief Commercial Officer of AJW Group takes great pride in the longevity of this partnership. "The renewal and extension of our contract with Airblue once again showcase our unrivalled expertise in the industry. With unwavering dedication to customer satisfaction and our ability to provide flexible solutions, we continue to solidify our position as the industry leader. Our adherence to stringent performance standards, coupled with our innovative strategies to optimise our global stock locations, guarantees minimal downtime for our customers. Our world-class infrastructure and experienced



Airblue Airbus A320

© AirTeamImages

teams consistently deliver exemplary service, underscoring our expanding business programmes throughout the Indo-Pak subcontinent." AJW's commitment to developing innovative support agreements for airlines of all sizes forms the cornerstone of the company's global business strategy. With a preferred supplier network comprising carefully selected MROs, independent workshops, and OEM facilities, AJW ensures tailored solutions to meet diverse customer needs. Leveraging its substantial purchasing power, which surpasses that of many airlines, AJW not only guarantees premium repair services but also negotiates pricing reductions that directly benefit its esteemed clientele. AJW Technique, the company's state-of-the-art Montreal-based MRO facility, plays a pivotal role in providing exceptional maintenance and repair services.

MRO & PRODUCTION NEWS

Jat Tehnika completes first Boeing 767-300 passenger-to-cargo conversion

Belgrade, Serbia-based Jat Tehnika, a subsidiary of Avia Prime, has successfully completed the first passenger-to-cargo conversion of a Boeing 767-300 aircraft in Europe in collaboration with Israeli Aerospace Industries. The first converted aircraft with registration number 9H-CAC took off from Belgrade Airport to the Maltese capital, Valletta, after being handed over to the new owner and project contractor, Challenge Group, a global leader in cargo aviation. "We are excited because the bold vision that emerged six years ago has become a reality today. We have been preparing for this for a long time, going through the most demanding aviation authority checks and we are proud of the new technology and know-how that have been applied for the first time in Belgrade. This is the beginning of a new chapter in the history of Avia Prime and European aviation, which will strengthen our position as the main European supplier for the conversion of Boeing and Airbus wide-body aircraft," said Piotr Kaczor, CEO of Avia Prime and Jat Tehnika. "Today marks a crucial milestone in our history as we welcome a new addition to our fleet—the Boeing 767 converted freighter. This delivery signifies more than just the introduction of a new aircraft type. It symbolises the commencement of our ambitious fleet expansion plan, which aims to triple our fleet by the year 2026 by incorporating three different aircraft types into our fleet, including the efficient Boeing 777 aircraft in the near future" Yossi Shoukroun, Challenge Group CEO commented. The aircraft that has undergone this demanding modification has been given new life and is the first in a series of wide-body aircraft that will be converted in the new European centre for this purpose located in Serbia, with works on the next Boeing 767-300 already in full swing.



The first B767-300 passenger-to-cargo conversion has been completed

© Jat Tehnika

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After the tremendous success of the '4th Aerospace & Defence MRO South Asia Summit 2023,' **STAT Times** is thrilled to present a summit, in the leading aerospace and tech Hub of Bengaluru. **AEROSPACE & DEFENCE, MRO KARNATAKA 2023** attempts to highlight opportunities in Aerospace, MRO Tech, Research and other sectors in the region, to the prospective players at large.

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Embraer's second-quarter 2023 revenue up 27% compared to 2022

Embraer has posted consolidated revenue of US\$1,292 million in 2Q23 representing an increase of 27% YoY due to higher volumes in Commercial and Executive aviation with strong growth of 57.4% and 41.8% respectively. Commercial Aviation reported revenue growth of 57% YoY to US\$ 471.9 million due to higher number of deliveries. Reported gross margin of 12.9% versus 13.2% in 2Q22 shows a small decrease due to one-time effects. Executive Aviation revenues were US\$378.0 million, 42% higher than 2Q22 with an increase in volumes and deliveries mix. Gross Margin in 2Q23 was 19.8% compared to 22.1% YoY due to one-time effects last year. Defence & Security revenue of US\$82.4 million, 28% lower YoY due to delay in revenue recognition in the 1H23. Reported gross margin of -1.5% versus 28.0% in 2Q22 due to lower revenue and different mix, partially offset by other expenses. Services & Support reported revenues of US\$339.7 million, representing a YoY growth of 6%. Reported gross margin of 24.4% was lower than the 31.8% reported in 2Q22 due to one-time effects and a different mix of services in the quarter. Excluding the above special items, 2Q23 Adjusted EBIT was US\$99.9 million and Adjusted EBIT margin was 7.7%. Strong recovery of Adjusted EBIT in 2Q23 compared to 1Q23 was mainly driven by higher volumes from Commercial and Executive Aviation. On a YoY basis, adjusted EBIT decrease is mainly due to difference in revenue mix and Defence margins compared to 2Q22. Net income (loss) attributable to Embraer shareholders and income (loss) per ADS for 2Q23 were US\$ (18.8) million and US\$ (0.1024) per share, respectively, compared to US\$ (146.4) million in net loss attributable to Embraer shareholders and US\$ (0.7972) in income per ADS in 2Q22. Excluding extraordinary effects, adjusted net income was US\$58 million compared to US\$ 46 million in 2Q22 representing an increase of 25% YoY. (£1.00 = US\$1.27 at time of publication).

Horizon Aircraft and Pono Capital Three join forces to propel global leadership in eVTOL technology

Robinson Aircraft, an innovative British Columbia-based company operating under the name Horizon Aircraft, is set to revolutionise the electric vertical take-off and landing (eVTOL) aircraft sector. Pono Capital Three, a distinguished special purpose acquisition company (SPAC), has announced a definitive Business Combination Agreement that will see Horizon Aircraft amalgamate with Pono Three Merger Sub, Inc., a wholly owned subsidiary of Pono. The resulting

MRO & PRODUCTION NEWS

EASA approves TAM's LPV-modification for Saab 2000



Close-up of control panels

© TAM

The LPV or RNP Approach-equipped aircraft will be mandatory in Europe in early 2024. TAM's LPV-modification was certified by EASA on August 10, 2023. The modification package, developed in-house in collaboration with Canadian CMC Electronics, is tailor-made for the Saab 2000 and allows the cockpit layout to be virtually unaltered, utilising current screens. Beginning this spring, the first system has been the subject of extensive live testing in a Saab 2000, equipped with a Collins Proline 4 system. As the first compliance flight tests were successfully performed, a parallel EASA-/FAA-certification programme has been ongoing, with the final EASA test flights done early this summer. Following the EASA certification, a corresponding FAA validation is in progress. TAM is an independent aerospace company, focusing on modifications, rebuilds, support and maintenance of regional airliners, as well as having the leading Saab 340/Saab 2000 cargo conversion programme. Based at Täby Örebro Airport, 200 km west of Stockholm, Sweden, TAM has been in operation since 1989. The company has vast experience in general support, maintenance and overhaul of small-to-medium-sized airliners and freighters, with a focus on premium aircraft like the Saab 340/Saab 2000 family and the ATR 72.

TAM, Täby Air Maintenance, has developed a smart and easy-to-install LPV-modification kit for the Saab 2000 (LPV – localiser performance with vertical guidance). When installed, modified aircraft will be able to make high-precision approaches to any airport, where older ILS-systems have been replaced with a GPS-based LPV solution due to cost.

entity will operate as a wholly owned subsidiary of Pono, soon to be rebranded as Horizon Aircraft Ltd (or such other name as may be determined by the company). This strategic move aims to solidify Horizon Aircraft's global dominance in the eVTOL technology space. Leveraging Horizon Aircraft's versatile technology, which has garnered international recognition and funding support from entities like the U.S. Department of Defence and various Canadian grants, this business combination is poised to thrust the company into a pioneering role within the burgeoning eVTOL industry. Notably, the Canadian government's recent commitment of CA\$350 million towards sustainable aviation further underscores the significance of this collaboration. With the Urban Air Mobility (UAM) market projected to exceed US\$30 billion in revenue by 2031, boasting a compound annual growth rate (CAGR) surpassing 30%, the timing for Horizon Aircraft's expansion couldn't be more auspicious. The transaction places a CA\$96 million valuation on Horizon Aircraft, leading to an estimated combined pro forma equity value of around CA\$216 million before expenses, assuming no redemptions during the business combination. Facilitating this deal is a Forward Purchase Agreement with Meteora Capital, ensuring seamless financial support. The

capital raised, once redemptions are settled and transaction expenses accounted for, will fuel the continued development of the flagship hybrid electric eVTOL, the Cavorite X7, in addition to supporting general operational needs. "Our unique hybrid electric VTOL concept is based on patented ducted fan-in-wing technology that allows our aircraft to fly faster, farther, and carry more payload than many of our competitors," said Brandon Robinson, CEO of Horizon Aircraft. "We designed the X7 with safety, durability, and operational versatility in mind. The combination of high performance, a tough design, and positive economics has resonated with potential customers. We have received significant interest for its use in a broad number of mission specific tasks such as emergency medical services, aerial firefighting, disaster relief, and various military special operations." Both the boards of directors at Horizon Aircraft and Pono have provided unanimous endorsement for the business combination agreement and its associated transactions. For finalisation, the approval of Pono stockholders and Horizon Aircraft's shareholders, coupled with customary closing conditions, are requisite. With the anticipation that these conditions will be met, the transaction is on track to conclude in either the fourth quarter of 2023 or the first quarter

FINANCIAL NEWS

of 2024. This collaboration heralds a new era in eVTOL technology and sustainable aviation solutions on a global scale. (£1.00 = US\$1.27 / CA\$1.72 at time of publication).

IAI's gross profit, operating and net income reach record high

IAI has reported that sales in the first half (H1) of 2023 grew to about US\$2,540 million compared with about US\$2,359 million in H1 2022, an increase of about 8%, mainly deriving from the Systems Missiles & Space Group and the Military Aircraft Group. The sales of the Military Groups in H1 2023 increased by about 7% to about US\$2,136 million compared with about US\$1,989 million in H1 2022, an increase of about US\$147 million. The sales of the Aviation Group in H1 2023 increased to about US\$675 million compared with about US\$645 million in the corresponding period of last year. The Company's sales in second quarter of 2023 (Q2 2023) amounted to about US\$1,261 million compared with about US\$1,159 million in Q2 2022, an increase of about 9%, deriving from the increased sales in the Systems Missiles & Space Group, the Military Aircraft Group and the ELTA Group. The sales of the Military Groups in Q2 2023 increased by about 13% to about US\$1,079 million compared with about US\$959 million in the corresponding quarter of last year. The sales of the Aviation Group in Q2 2023 amounted to about US\$319 million compared with about US\$320 million in the corresponding quarter of last year. Sales for export in H1 2023 accounted for about 73% of sales, totalling about US\$1,850 million (about US\$690 million, representing 27% of sales, to Israel), compared with about 71%, totalling US\$1,684 million (about US\$675 million, representing 29% of sales, to Israel) in the corresponding half of 2022. Sales for export in Q2 2023 accounted for 73% of sales totalling about US\$923 million (about US\$338 million, representing 27% of sales, to Israel), compared with about US\$848 million (about US\$311 million, representing 27% of sales, to Israel) in Q2 2022. Gross profit in H1 2023 amounted to about US\$456 million (about 18% of sales), compared with about US\$427 million (about 18% of sales) in H1 2022. Gross profit in Q2 2023 amounted to about US\$215 million (about 17% of sales), compared with about US\$214 million (about 18% of sales) in Q2 2022. The operating income of the Aviation Group in Q2 2023 amounted to about US\$9 million compared with operating income of about US\$12 million in the corresponding quarter of last year. Net income in H1 2023 increased by 28% to about US\$165 million (about 6% of sales), compared with net income of about US\$129 million (about 5% of sales) in the corresponding period of 2022. Net

MRO & PRODUCTION NEWS

GKN Aerospace, Marshall and Parker Aerospace to develop hydrogen fuel systems



GKN Aerospace, Marshall and Parker Aerospace join forces to explore liquid hydrogen fuel systems for zero-emission aircraft © Shutterstock

GKN Aerospace, Marshall, and Parker Aerospace have signed a Memorandum of Understanding (MoU) in an attempt to explore liquid hydrogen fuel system solutions for the next-generation of zero-emission aircraft. This partnership will achieve a significant milestone in the pursuit of sustainable aviation

through hydrogen propulsion, either through fuel cells or combustion. The liquid hydrogen fuel system that will be developed by Marshall, GKN Aerospace and Parker Aerospace under this MoU will be appropriate for both hydrogen electric and combustion applications. In developing the system, Marshall, GKN Aerospace and Parker will combine their resources and experience in the design, testing, certification and manufacture of new fuel systems for aerospace applications. Russ Dunn, CTO GKN Aerospace said: "With this agreement, we have now set out a complete path to achieving zero-emissions flight at a game-changing scale. By working alongside Marshall and Parker, who have deep expertise in fuel systems, we can accelerate the development of the technology building blocks required for a complete hydrogen propulsion system for mid-range aircraft. This partnership, combined with our other industry-leading collaborations, is a significant step towards a sustainable future for aviation." The proposed liquid hydrogen fuel system collaboration will benefit significantly from the ongoing UK Aerospace Technology Institute funded, GKN Aerospace led, H2GEAR programme, which will ground test a scalable hydrogen electric fuel cell propulsion system in 2025. The intention is to combine the complete scalable fuel system and propulsion system together in a single flight test bed environment before the end of the decade. At the Paris Air Show last month, GKN Aerospace signed a collaboration MoU to explore an integrated flight demonstration of the end-to-end system. Initial studies suggest that such a system could support a wide range of aircraft, including commuter planes (less than 19 passengers), business jets and regional aircraft (100 passengers maximum). Scalability of the system for larger narrow-body aircraft is also presently being explored.

income in Q2 2023 amounted to about US\$74 million (about 6% of sales), compared with net income of about US\$51 million (about 4% of sales) in Q2 2022. (1.00 = US\$1.27 at time of publication).

BOC Aviation delivers strong performance in the first half of 2023

BOC Aviation has released its unaudited financial outcomes for the six-month period concluding on June 30, 2023. BOC Aviation posted a net profit after tax (NPAT) of US\$262 million during the initial half of 2023. This success was propelled by an upsurge in lease rental earnings, coinciding with the upward trajectory of global passenger travel. Across the half-year span ending in June 2023, the company has bolstered its total

assets to nearly US\$23 billion. Furthermore, BOC's commitment to acquiring 23 aircraft has elevated its total committed capital expenditure for the first half of 2023 to US\$11 billion. The Board of Directors has granted approval for an interim dividend amounting to US\$0.1131 per share. This distribution corresponds to 30% of the company's NPAT for the opening half of 2023, showcasing the Board's sustained confidence in the company's business prospects. Steven Townend, Deputy Managing Director and Chief Financial Officer of BOC Aviation remarked: "In the initial half of 2023, BOC Aviation achieved an NPAT of US\$262 million, signifying a notable 27% enhancement compared to the core net profit after tax of US\$206 million recorded during the corresponding period last year. The robust demand for our aircraft is vividly mirrored in the expansion across our balance sheet, revenue

FINANCIAL NEWS

streams, and cash flow. Our robust supply pipeline positions us favourably to leverage the growing demand from airline customers for our fleet of youthful, fuel-efficient aircraft.” (£1.00 = US\$1.27 at time of publication).

Turkish Airlines’ revenue up 13.5% - posts Q2 net profit of US\$635 million

Turkish Airlines has seen its international passenger demand increase by 28% since 2019 pre-pandemic levels. For the second quarter of 2023 total revenue reached to US\$5.1 billion increasing by 13.5% compared to the same period last year. Due to reduced global trade and earthquake impact, the carrier’s cargo revenues decreased by 44% year-over-year to US\$600 million, but still 53% up on its 2019 level. According to data published by airline data provider OAG, while global international airline capacity for Q2 2023 was 12% below that of 2019, Turkish Airlines was among one of the few airlines in the industry to exceed its 2019 international capacity by 29%. As Europe’s leading network carrier in terms of daily number of flights operated for the last three years according to the European Organization for the Safety of Air Navigation (EUROCONTROL), Turkish Airlines has maintained its status in the second quarter of 2023 as well. With one of the youngest and most modern fleet of 419 aircraft, Turkish Airlines increased its fleet size by 10% compared to the same period of last year. In the second quarter of 2023, the airline carried over 21 million passengers in total, with a domestic load factor of 81.5% and an international load factor of 81.8%. Undertaking over one hundred operational optimisation projects to reduce its carbon footprint since 2008, Turkish Airlines was awarded the title of “Most Sustainable Flag Carrier Airline” by World Finance as a result of its sustainability focused initiatives in line with its commitment to become a “Carbon-Neutral Airline by 2050”. Turkish Airlines, including its subsidiaries, employs over 80 thousand staff. (£1.00 = US\$1.27 at time of publication).

INFORMATION TECHNOLOGY

Engine and aircraft consultancy **TGIS Aviation** has chosen **Rusada’s** software solution ENVISION to support its new line of CAMO services. TGIS Aviation, based out of Derbyshire, United Kingdom, is a leading independent consultancy specialising in comprehensive aircraft and engine services for airline operators, lessors and business aircraft owners worldwide. With the imminent launch of its CAMO (Continuing Airworthiness Management Organisation) service, TGIS

MRO & PRODUCTION NEWS

NASA, Boeing mark milestone for experimental aircraft project



A rendering of the Transonic Truss-Braced Wing X-66A aircraft in NASA’s Sustainable Flight Demonstrator livery © Boeing

Boeing has ferried an MD-90 airplane from Victorville, California, to Palmdale, where it will be modified to test the Transonic Truss-Braced Wing (TTBW) configuration as part of NASA’s Sustainable Flight Demonstrator project. The X-66A is NASA’s first experimental plane focused on helping the U.S. achieve its goal of net-zero aviation greenhouse gas emissions. Modification will begin soon, and ground and flight testing are expected to begin in 2028. “This marks an important step in the Sustainable Flight Demonstrator project, advances Boeing’s

commitment to sustainability and brings us closer to testing and validating the TTBW design,” said Boeing Chief Technology Officer Todd Citron. With ultrathin wings braced by struts with larger spans and higher-aspect ratios, the TTBW design and other expected technological advances could lead to reductions in fuel use and emissions by up to 30%. Boeing and NASA have collaborated for more than a decade on the concept through the Subsonic Ultra Green Aircraft Research (SUGAR) programme. “We at NASA are excited to be working with Boeing on the X-66A Sustainable Flight Demonstrator making critical contributions to accelerate aviation towards its 2050 net-zero greenhouse gas emission goal,” said Ed Waggoner, deputy associate administrator for programmes in the NASA Aeronautics Research Mission Directorate.

FINANCIAL NEWS

Delta emerges as primary investor in US\$500 million rescue package for Wheels Up

Delta Air Lines, Certares Management and Knighthood Capital Management have announced an expanded partnership with Wheels Up Experience to accelerate the company’s business transformation. Earlier this year, Wheels Up announced plans to scale and evolve its product offerings to deliver world-class private aviation service profitably. Funding provided by Delta, certain affiliates of Certares and Knighthood, and other partners is expected to provide the company the stability to execute on its strategic vision over the long



© Delta, Certares and Knighthood accelerate Wheels Up’s business transformation

term. The partnership would combine the experience of Delta, the No. 1 premium airline and a longstanding partner, with the travel and tourism focus of Certares and turnaround and restructuring experience of Knighthood to boost Wheels Up as it evolves and elevates its customer experience, reliability and financial performance. It includes a non-binding agreement in principle for a US\$500 million facility, which includes funds contributed by Delta and CK Opportunities Fund I, LP, (CK Opportunities) which is co-managed by affiliates of Certares and Knighthood. The facility would be comprised of a US\$400 million term loan and a US\$100 million liquidity facility from Delta, totalling US\$500 million to Wheels Up. “The partnership will create new opportunities for Wheels Up to drive strategic, operational and financial improvements for its customers in the months and years ahead,” said Delta CEO Ed Bastian. “Delta’s unmatched expertise in premium travel, customer loyalty, corporate sales, operational reliability and aircraft maintenance, combined with Certares’ and Knighthood’s experience and global reach, are expected to speed Wheels Up on its path to profitability. Delta CFO Dan Janki will become chairman of the Wheels Up board. (£1.00 = US\$1.27 at time of publication).

INFORMATION TECHNOLOGY

Aviation is set to unveil a comprehensive solution. This offering will cover expert guidance and steadfast support across the entire aircraft lifecycle, reinforcing its commitment to ensuring seamless airworthiness management. To support this offering, TGIS Aviation will adopt ENVISION's Fleet Management module, which allows organisations to maintain the continuing airworthiness of their aircraft, or those that they manage, through its web-based platform. "We selected ENVISION as our preferred software to bolster our CAMO offering due to its unmatched capabilities and advanced features," said Ian Smith, Operations Director at TGIS Aviation. "ENVISION's cutting-edge technology aligns seamlessly with our commitment to delivering comprehensive solutions, allowing us to provide meticulous and efficient support throughout the entire aircraft lifecycle".

OTHER NEWS

International Airlines Group (IAG) and **Microsoft** have signed the largest co-funded purchase agreement for Sustainable Aviation Fuel (SAF) emission reductions globally, where both parties are funding part of the cost of the supply. IAG's industry-leading SAF programme has seen it commit to US\$865 million in future SAF purchases and investments as of the end of 2022. It has a target to meet 10% of its fuel needs from SAF by 2030 and was the first European airline group to set this target. IAG is funding supply agreements as well as investments to accelerate SAF production, including in Nova Pangaea's waste-to-fuel production facility in the UK. Microsoft will co-fund 14,700 tonnes of IAG's SAF purchasing in 2023, enough to fully fuel approximately 300 **British Airways** Boeing 787 flights between London and Seattle. This agreement will enable Microsoft to reduce its Scope 3 emissions

FINANCIAL NEWS

Swissport acquires majority stake in Flughafen Düsseldorf Cargo



© Swissport

Swissport Deutschland GmbH (Swissport) has successfully completed its acquisition of a 74.9% stake in Flughafen Düsseldorf Cargo GmbH (Flughafen Düsseldorf) for the creation of a cargo joint venture which will operate under the name of Swissport DUS Cargo Services GmbH. The new partnership came into effect on August 17. The completion of the deal follows on from the signing of a binding agreement. "To complement its strong organic growth, Swissport is pursuing an ambitious M&A agenda that includes being an active consolidator in the aviation services industry as well as entering into partnerships and joint ventures globally," says Pablo von Siebenthal, Swissport's Global Head of Mergers & Acquisitions. "In our conversations with airports and airlines around the world we see great interest from them in either selling or partnering with us for their own ground or cargo handling operations. They realise that as the leading aviation services company in the world, Swissport is their best partner." "The start of our joint operations in Düsseldorf is a moment of joy for Swissport Germany," says Bruno Stefani, Swissport's CEO for Germany, Switzerland, Austria and Italy. "It shows our commitment to the German market and solidifies our position in Düsseldorf and across Germany and sets the stage of further growth. Across Germany, Swissport supports airlines from all over the world with a wide range of services including ground services, cargo handling and aviation fuelling." Swissport has been driving consolidation since its foundation in 1996 and continues to shape the industry, exemplified by traditional take-overs like Aerocare with operations at 35 airports in Australia and in New Zealand in 2018 and the recent strategic acquisition of Alitalia's ground handling unit at Rome-Fiumicino Airport in Italy in 2022. At the end of June 2023, the world's leader in airport ground services and air cargo handling, with currently around 56,000 employees, was active at 294 airports in 44 countries on six continents.



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OTHER NEWS

and make progress toward its goal of being carbon negative by 2030. SAF produced from used cooking oil and food waste (which will be certified by International Sustainability & Carbon Certification (ISCC)) will be supplied to IAG airlines (**British Airways, Aer Lingus, Iberia and Vueling**) operating from London's Heathrow and Gatwick airports during 2023. The SAF will be provided by **Phillips 66 Limited's Humber Refinery**, which is the UK's only industrial-scale producer of SAF. In 2021, British Airways signed a multi-year agreement for SAF supply from Phillips 66 Limited. IAG has been working with the aviation industry in its campaign for further government policy support to stimulate investment in SAF production. With the right policy support, 30 SAF plants could be built across the UK and Europe over the next eight years, saving seven million tonnes of CO2 annually by 2030. The SAF used as part of this agreement is expected to reduce lifecycle carbon emissions by at least 80% compared to the conventional jet fuel it replaces. Using sustainable sources like waste cooking oil, or other wastes and residues – rather than fossil materials newly extracted from the ground – means SAF releases existing carbon, rather than adding new carbon to the atmosphere.

Southwest Airlines has furthered its commitment to Nashville by announcing the addition of a crew base at **Nashville International Airport** (BNA) in the second quarter of 2024. Nashville will become the 12th crew base in the Southwest system with approximately 150-250 pilots, growing to 500-600 pilots and an estimated 500-700 flight attendants based in the new crew location beginning in 2024, with continued growth planned. Southwest Airlines began service to BNA on March 18, 1986, with eight daily nonstop departures to Chicago (Midway) and Houston (Hobby). Since then, it has grown to operate more flights and serve more air passengers as the largest carrier at BNA, offering up to 166 departures a day to 57 cities nonstop and currently housing nearly 1,000 Southwest employees. To support the carrier's commitment to Nashville, the airline is striving to add four gates in the fourth quarter of 2023 to support its operation with a goal of 20 gates total by the end of the year to serve future customers flying in and out of Nashville. Southwest continues to invest in future projects at Nashville International Airport. Earlier this year, BNA unveiled a renovated and reimagined Grand Lobby. The carrier is in the process of relocating its ticket counters to provide a better customer experience for those departing BNA. Additionally, Southwest continues its efforts to reinforce airport infrastructure, increase available equipment, and strengthen overall winter preparedness at BNA to help Employees more effectively operate with bolstered reliability in extreme weather.

INFORMATION TECHNOLOGY



Saudi Arabia-based flynas is now live with AMOS

© Swiss-AS

Swiss-AS has welcomed **flynas** to the AMOS customer community. With a contract signed at the beginning of 2022 and after a successful 14-month implementation period, the flynas company is now live with AMOS. The Saudi Arabia-based company and a global-leading LCC can now benefit not only from the system, but also from its add-on products such as AMOS-mobile/EXEC, enabling paperless execution of all line and base maintenance activities, as well as AMOSmobile/STORES, facilitating the daily operations of storekeepers via a mobile device. In addition, flynas is looking forward to using some of the AMOS-related interfaces, allowing it to further extend the use of the system. The implementation project to move from the legacy system to AMOS resulted in a smooth and positive transition for all flynas staff. The company has been pleased to see that AMOS streamlines its processes and allows it to effectively manage airworthiness and maintenance data. In addition, thanks to a very dedicated and agile project team, flynas' end-users have been able to acquire confidence and solid knowledge about AMOS' capabilities. As in every software implementation project, the data transfer is one of the key success factors for a timely launch. To this end, flynas benefited from the expertise and experience of Swiss-AS, but also from its partners CrossConsense and AWS, who provided professional support throughout the entire project.

OTHER NEWS

Avolon, a leading global aviation finance company, has partnered with **Soisa Aircraft Interiors** on a project to turn scrap material from old aircraft into craft products. Waste materials, including over 800 kg of leather, are donated to members of the Tarahumara tribe in Chihuahua, Mexico, who make them into traditional artisan products like wallets, bags, aprons and tablecloths. Interior furnishings of aircraft being decommissioned or refitted, such as seat covers and curtains,



Members of the Tarahumara tribe in Chihuahua use materials from old aircraft to make artisan crafts
© Avolon

often end up in a landfill. Through the 'Waste to Wonder' project they are instead helping to provide an income stream for the families of 55 Tarahumara tribe members who have participated in the project. The project is supported by **FODARCH** (Fomento y Desarrollo Artesanal de Chihuahua), a government body that promotes indigenous cultural traditions. They have provided training and facilitate the sale of the finished products in a shop popular with visitors to Chihuahua, the largest state in Mexico. Avolon's sustainability strategy includes a commitment to support the circular economy by increasing the reuse and recycling of materials from old aircraft in a sustainable manner. Avolon recently joined a coalition of partners in a pledge to use only tear down facilities accredited by the **Aircraft Fleet Recycling Association** (AFRA).

OTHER NEWS

Delta Air Lines (Delta) is expanding its flight schedule to China later this year, offering ten weekly flights to Shanghai-Pudong International Airport (PVG) from its Seattle (SEA) and Detroit (DTW) hubs. Beginning October 29, the airline will operate daily flights from SEA and a three-times-weekly service from DTW. And next March, Delta will resume a four-times-weekly PVG service from its Los Angeles hub, a route last operated in February 2020. "As demand continues to increase and the busy travel season to the Asia-Pacific region commences, the Delta team is ready to welcome even more travellers to the region this winter, providing our award-winning customer service on every journey," said Jeff Moomaw, Delta Vice President - Asia Pacific. Customers flying with Delta will be able to conveniently connect to many other cities within China via the airline's partnership with China Eastern Airlines. Together, the airlines operate 260 codeshare flights per week, providing more travel options for customers and a more seamless customer experience. The SEA flight will operate on an Airbus A330-900, while the DTW and LAX flights will use an Airbus A350-900 aircraft.

The **US Department of Trade** (USDOT) has confirmed that it will allow a number of increased direct flights between China and the U.S. This will see weekly round trip flight number increase to 18 (from 12) on September 1, 2023, and this number rise to 24 on October 19. Carrier covered by this new order will include **Air China, China Eastern Airlines, China Southern Airlines, Xiamen Airlines** and **Hainan Airlines**. In a statement the USDOT



Basler aircraft on ice runway

© Enterprise Aviation Group

The **Regional Express Group** (Rex) has announced its collaboration with **Enterprise Aviation Group** (Enterprise) of Oshawa, ON Canada, through an exclusive teaming agreement. This strategic partnership comes as part of Rex's ongoing preparation for the upcoming tender by the Australian Antarctic Division (AAD) later this year, following the recent release of the Request for Information (RFI). The RFI specifically called for the provision of up to four twin-engine turboprop aircraft capable of intracontinental flight operations on both ski and wheel landing gear. Under the joint venture agreement, Rex and Enterprise will leverage their complementary strengths and proven track record to deliver and operate the intracontinental fixed-wing turboprop element required to meet the anticipated upgrading of aircraft capability in support of the AAD's aviation operations. Enterprise holds the distinction of being the first provider of similar services to various government programmes, including the AAD, dating back to 2001. With a fleet of DHC-6 Twin Otter and DC-3T Basler aircraft, Enterprise continues to play a pivotal role in transporting essential supplies, equipment and personnel to remote Arctic and Antarctic locations. The company's exceptional track record in the polar regions, with over 27,000 accident-free hours in the past decade, underscores its dedication to operational excellence in the challenging Antarctic and Arctic environments. The collaboration with Enterprise follows on from the partnership with Helicopter Resources and is part of Rex's broader plan to engage with specialist providers to manage aspects of the programme that demand more specialised complementary expertise.

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OTHER NEWS

said that: "Our overriding goal is an improved environment wherein the carriers of both parties are able to exercise fully their bilateral rights to maintain a competitive balance and fair and equal opportunity among U.S. and Chinese air carriers." Flights between the two countries had been severely curtailed since June 2020, when the Chinese government "had, over the objections of the U.S. government, impaired the operating rights of U.S. carriers and denied U.S. air carriers the fair and equal opportunity to exercise their operating rights under the U.S.-China Civil Air Transport Agreement", the USDOT stated. Since that date and with the easing of coronavirus-restricted travel, the volume of flights between the two countries has increased incrementally, most recently to 12- weekly round trips for each of the country's carriers, in May. Shortly after the USDOT's decision to open U.S. airspace to more flights from China was published, United Airlines says it is expanding its schedule to that country, leading to the conclusion that the Chinese government will reciprocate for U.S. airlines. "These enhancements to United's Asia-Pacific schedule are enabled by agreement between the governments of the U.S. and China to increase flights between the two countries," Chicago-based United said on August 11. The airline plans to recommence daily flights to Beijing from its West Coast hub of San Francisco beginning in November and will increase its flight frequency to Shanghai beginning on October 1.



© Zurich Airport

In July 2023, 2,915,279 passengers passed through **Zurich Airport**, corresponding to an increase of 16% compared to last year. Passenger levels are 93% of those reached in July 2019. In July, the number of local passengers was 2,121,942. Transfer passengers amounted to 27%, equal to 787,370 passengers. On 30 July, 107,969 passengers travelled through Zurich Airport, the highest number of passengers per day since the outbreak of the Corona pandemic. Year on year, air traffic movements increased by 10% to 23,748 take-offs or landings. A monthly comparison shows that air traffic movements are at 92% of the 2019 level. The average passenger-per-movement figure increased to 142 (+1% vs. previous year). The average seat load factor was at 84% (-1 percentage point vs. previous year). A total of 30,121 tonnes of freight were transported at Zurich Airport during the month of July. This led to a decrease of 16% in freight volume compared to last year. Compared to July 2019, freight volume decreased by 20%.

INDUSTRY PEOPLE



Urs Pelizzoni

- AMROS has announced the appointment of **Urs Pelizzoni** as a Member of the Board of Directors of the AMROS Group. As a former CCO of Switzerland-based Chair Airlines and now CEO of the green innovation technology company Uniwastec, Pelizzoni brings along strong cross-industry expertise from aerospace, environmental technology, AI and machine learning, banking and finance, to name a few areas. He is a highly motivated and charismatic professional, who builds trust easily across all levels. Pelizzoni joined the Board of Directors as per July 1, 2023, and will bring an independent set of industry knowledge and perspectives into the business activities of the AMROS Group to stay one step further ahead in terms of quality, ease of doing business and innovation.



Carlos Naufel

- Embraer has released that **Carlos Naufel**, current Technical Director of Azul Linhas Aéreas, will become the new Vice President of Services and Support, effective on September 1, 2023. The current VP of the area, **Johann Bordaís**, will assume the role of CEO at Eve Air Mobility, as announced at the end of July. With 27 years of experience in the aviation sector, Naufel graduated with a degree in Mechanical Engineering and earned a master's in business from FAAP University, in São Paulo, among other specializations. At Azul for almost five years, Naufel now leads Azul's Technical Department, which has more than 2,000 employees and covers the areas of engineering and maintenance (line and heavy maintenance), quality, and logistics. Starting this year, he also became responsible for Azul TecOps, a new business unit created to sell services. Prior to joining Azul, Naufel worked at Embraer for more than 18 years, holding various roles in the service

and support area. Between 2017 and 2019, he was Vice President of Technical Solutions, being responsible for maintenance engineering, fleet performance and technical support for Commercial, Executive and Defence Aviation customers.



Thomas Bjørndal

- Joramco, the Amman-based aircraft maintenance, repair, and overhaul (MRO) facility and engineering arm of Dubai Aerospace Enterprise (DAE), has appointed **Thomas Bjørndal** as the new Chief Commercial Officer. Bjørndal is an aviation professional with an impressive track record spanning over four-decades. Throughout his career, he has excelled in both maintenance and commercials, holding leadership roles across various locations around the world. Prior to joining Joramco, he was the Head of Base Maintenance Services Management at Swiss International Air Lines (Swiss). Before joining Swiss Bjørndal was the Manager

INDUSTRY PEOPLE

of Line Maintenance at Qatar Airways. In his new role at Joramco, he will lead the Commercial department to drive growth and enhance customer experience. Commenting on Bjorndal's appointment, Chief Executive Officer, **Fraser Currie**, said, "We are delighted to welcome Thomas as the newest member of our C-suite management team at Joramco. Thomas' contribution will be a key factor in achieving our strategic growth plans based on our vision and goals."



Simon McNamara

- Swedish electric airplane maker Heart Aerospace has named **Simon McNamara** as its Director of Government and Industry Affairs. With more than 25 years of experience in aviation public affairs,

much of it focused around the regional airline sector, McNamara brings considerable advocacy expertise to Heart. For the past five years he has been leading advocacy efforts in the UK and Ireland for the International Air Transport Association (IATA) with much of the work focused on sustainability issues. "I'm very pleased to welcome Simon to the team. Decarbonising air travel requires a collective effort, and his experience will strengthen our interactions with governments, regulatory authorities and industry bodies necessary to achieve this goal," said **Anders Forslund**, co-founder and CEO of Heart. Before his role at IATA, McNamara was Director of Communications at the UK regional airline Flybe and prior to that, he spent 19 years in EU affairs culminating in a term as Director General of the European Regions Airline Association. He also spent time early in his career with IFALPA, the global pilot association, focused on ICAO matters. "I am incredibly excited to be joining the team at Heart Aerospace who are pioneers in their field. With the industry's future growth dependent on its ability to decarbonize, battery electric aircraft will play a key role in the regional sector, and I can't wait to help drive that change by showing governments and policy makers globally what the potential is for this innovative aircraft energy source," said McNamara. McNamara has a degree in Aeronautical Engineering (1994) from City University, London and an MSc from Cranfield University (1995).

- Boom Supersonic (Boom) has released



Scott Powell

that **Scott Powell**, a former senior engineering leader at Boeing, is joining Boom as Senior Vice President of Symphony, the propulsion system for Overture. "We've made significant design progress on Symphony," said **Blake Scholl**, founder and CEO of Boom. "Adding Scott's leadership and experience overseeing certifications for a wide range of civil and military propulsion systems only further strengthens our path forward with Symphony. We're thrilled to have him onboard." In this role, Powell will be responsible for leading the development, industrialisation, certification and integration of Symphony. Powell brings nearly four decades of propulsion leadership and expertise in propulsion programme management, mitigating and developing solutions for complex programme risks and leading large product organisations and integrated product teams. He has extensive experience working with top tier suppliers and engine manufacturers and is an expert in certifications for a wide range of civil and military propulsion systems. "I'm inspired by the considerable progress already achieved with Symphony and I look forward to working with the team on the propulsion system that will power the future of sustainable supersonic travel," said Powell, "Boom is the perfect fit for a nearly 40-year career in propulsion and the opportunity to make a significant mark in aviation history. To be able to develop a new engine under the Symphony name is truly an aviation statement. Combined with a work force that moves fast but with safety at the forefront, there's an ability to bring a game-changing capability to the public."

- In a move to try and boost sales to a key market, Boeing Co. has appointed a Chinese national to head up its China arm. Although few details have been released, **Alvin Liu** is from Liaoning Province in the north-east region of China. He previously worked in the auto industry. Boeing is currently witnessing a drought in demand from China, despite the American planemaker having estimated that over the next 20 years China will need 8,500 new airplanes and approximately US\$550 billion in services. China was first to ground the stricken 737 MAX after the second fatal crash and was one of the last to remove restrictions on the aircraft. However, despite the 737 MAX once again taking to the skies above China, imports of the

jet into China have slowed and geopolitical tensions between China and the US have exacerbated the problem. "I am committed to making sure our team is ready to support our customers and meet that demand," Liu said in a release. He succeeds Boeing veteran **Sherry Carbury**, who stepped down from the position of President of the China unit in July. Liu then took up the position on an interim basis. He joined the company in 2022 from the auto industry, where he had gained experience in China working with Ford and Chrysler. Boeing has struggled to compete with its close rival, Airbus, who has recently announced a second aircraft assembly line in Tianjin. Li Hanming, an independent aviation industry analyst, said Liu is the best choice for Boeing as it seeks to rebuild close ties, in part because he is physically in China. "It is very difficult to apply for working visas and send over senior executives from overseas," Li said. Experts say processing of visa applications has slowed since the pandemic.

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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
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Now	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
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
B737-800 SSF	GA Telesis		29884	2002	Now	Sale / Lease		aircraft@gatelesis.com	
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	BBAM	GE90-115BL	39237	2013	Feb 2024	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

AE3007Engines	Sale / Lease	Company	Contact	Email	Phone
(2) AE3007A1E	Now - Sale	Aircraft and Engine Lease Corp.		fleetmanager@aalc.aero	
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
(1) 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



THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines

CF6-80 Engines	Sale / Lease	Company	Contact	Email	Phone
(4) x CF6-80E1A4B	Q4/2023 - Sale	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B3/3	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaaviation.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) CFM56-5B4/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(3) CFM56-5C4	Now - Lease				
(1) CFM56-7B26/3	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.				
(4) CFM56-5B5/P	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7040
(1) CFM56-5B4/P	Now - Sale / Lease				
(5) CFM56-5B6/P					
(2) CFM56-7B26/3	Now - Sale / Lease				
(1) CFM56-7B26	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-5B4/P	Now - Lease				
(2) CFM56-5B4/3	Now - Lease				
(2) CFM56-5B4/3	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
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
(2) GE90-94B	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
(1) LEAP-1A26	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
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 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

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
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.				
(3) TRENT-772B-60	Q4/2023 - Sale / Lease	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
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
(3) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	Now - Lease				
(1) V2533-A5	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaaviation.com	+1 786-785-0777
(1) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(1) V2527-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(2) 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,	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) GTC331-9B					
(1) A321 Enhanced Landing Gear 2020 OH					
(1) GTC336-150	Now - Sale	GNS	Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511
(3) A320 LG Shipsets, (1) A320 NLG, (5) A340 LG Shipset		GA Telesis		landinggearsales@gatelesis.com	
(1) A321 LG Shipset, (4) 767 LG Shipset					
(1) 777-200 LG Shipset, (2) 737 LG-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) 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
(2) APS3200B, (1) APS3200C		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(1) 131-9A, (4) 131-9B					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com	+1-954-676-3111
(3) APU GTC331-9B	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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