

Weekly Aviation Headline News



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Boeing: Middle East fleet set to double by 2042

Boeing anticipates that over the next two decades, widebody airplanes will make up 45% of the deliveries to Middle East airlines, marking the highest percentage among the ten global regions covered in Boeing's Commercial Market Outlook (CMO) forecast. According to the CMO, which provides an annual long-term forecast of demand for commercial airplanes and services, the Middle East's dedicated freighter fleet is expected to more than double to 180 jets by 2042.

Darren Hulst, Boeing's Vice President of Commercial Marketing, stated, "Airlines in the Middle East have increasingly expanded their influence and reach, transforming the region into an international air transit hub. Air travel and cargo demand continue to gain momentum, driven by significant economic growth and national development plans. As airlines in the region will require effi-

cient and versatile fleet solutions, Boeing products will be ready to meet market demands." The CMO's projections indicate that the Middle East will receive 3,025 new commercial airplanes by 2042, with 1,350 of them being wide-

"Airlines in the Middle East have increasingly expanded their influence and reach."

*Darren Hulst, Boeing Vice President,
Commercial Marketing*

bodies. Given the growing network of hubs facilitating efficient connectivity between major population centres in Asia, Africa and Europe, there is a greater need for wide-body aircraft to accommodate larger passenger volumes.

Furthermore, the Middle East's single-aisle fleet is expected to more than double in size as low-cost carriers (LCCs) and short-haul networks continue to develop and expand. By 2042, nearly half of the region's aircraft will be single-aisle jets.

Additional 2023 CMO highlights for the Middle East through 2042 include:

- Two-thirds of new deliveries will support air traffic and cargo growth while one-third of deliveries will replace older airplanes with more fuel-efficient models
- The total fleet will increase 2.4 times to 3,360 airplanes — 1,610 (48%) will be single aisles, while 1,520 (45%) will be widebodies.

- The commercial fleet will generate demand for US\$335 billion in aviation services including maintenance, repair, training and spare parts.

AIRCRAFT & ENGINE NEWS

ITA Airways takes delivery of its first Airbus A321neo

ITA Airways has taken delivery of its first A321neo aircraft, on lease from Air Lease Corporation, from Airbus' Hamburg production facilities. This latest addition further consolidates ITA Airways' all-Airbus fleet strategy, which currently stands at 81 aircraft and includes latest-generation A220, A320neo, A330neo and A350 aircraft. ITA Airways' A321neo, which will serve the airline's medium-haul routes, is fitted with a three-class configuration including 12 business-class full-flat beds with direct aisle access, 12 premium-economy seats in four-abreast and 141 economy-seats of which 12 are dedicated to comfort economy. ITA Airways' A321neo aircraft features Airbus' Airspace cabin design, which includes new XL overhead bins and customised interior lighting based on the latest full-LED technologies to help reduce jet lag. In addition, to enhance the passenger experience, each seat is equipped with the latest generation in-flight entertainment system with individual screens and on-demand content.

Vmo Aircraft Leasing completes sale-and-leaseback of one Boeing 737 MAX 8 aircraft

Vmo Aircraft Leasing (Vmo), a global full-service lessor, has announced the successful execution of a sale-and-leaseback transaction for one Boeing 737 MAX 8 aircraft with Latvia-based operator SmartLynx Airlines (SmartLynx). The aircraft was delivered to the airline in late October. Vmo Aircraft Leasing (Vmo) is a global commercial aircraft lessor operating through offices in Dublin, San Francisco, and Singapore. The company was launched in January 2021 by a team of aviation industry veterans.

Oman Air takes delivery of first 737-800BCF

Muscat-based Oman Air has taken delivery of the operator's first 737-800 Boeing Converted Freighter (BCF), the first dedicated cargo aircraft for the carrier. Oman Air Cargo saw its cargo volume increase 42% during the first half of 2023, compared to the same period in 2022, driven primarily by capacity expansion across its passenger airplane fleet. With the ability to carry up to 23.9 tonnes of freight at a range of 3,750 km, the 737-800BCF will contribute to continued capacity growth. Built on one of the industry's most efficient and reliable platforms, the 737-800BCF is designed for customers who are responding to increased cargo demand, optimising fleets, or replacing older freighters.

Orders and deliveries – Boeing and Airbus

Airbus v Boeing: Orders and Deliveries

October 2023 YTD

Airbus			Boeing		
Type	Orders	Deliveries	Type	Orders	Deliveries
A220	46	50	737	583	305
A320 Family	1122	442	747	0	1
A330	35	23	767	15	23
A350	131	44	777	8	20
A380	0	0	787	235	56
Total	1334	559	Total	841	405

Source: Airbus

Source: Boeing

Volocopter 2X soars over Downtown Manhattan



Volocopter completes its first flight test at the Downtown Manhattan Heliport (DMH) in New York City (NYC) with its crewed Volocopter 2X © Volocopter

Volocopter, a pioneer in urban air mobility (UAM), has successfully completed its inaugural flight test at the Downtown Manhattan Heliport (DMH) in New York City (NYC). The crewed Volocopter 2X took centre stage at the world's largest public event showcasing multiple electric vertical take-off and landing (eVTOL) aircraft in an urban setting. Hosted by Mayor Eric Adams and the New York City Economic Development Corporation (NYCEDC), this achievement marks another milestone for Volocopter, having previously demonstrated its capabilities in Singapore. Against the backdrop of Lower Manhattan's iconic skyline and the Brooklyn Bridge, the Volocopter 2X electric air taxi gracefully navigated the East River conditions, providing a stable, quiet and smooth flight experience. The multicopter design, tailored for short- to mid-range urban missions, contributed to the aircraft's zero-emission flight and minimal noise pollution, imperceptible in the bustling metropolis of NYC. The success of this flight underscores Volocopter's commitment to delivering safe, quiet, and sustainable UAM solutions to megacities globally. In conjunction with the event, the City of New York unveiled a visionary plan for the future of Downtown Manhattan, aiming to reduce emissions and noise pollution while enhancing the quality of life for residents. The proposed transformation of heliports, like Downtown Manhattan, into eVTOL-friendly facilities aligns with the city's goal of diversifying mobility options to alleviate congestion while meeting the transportation needs of one of the world's busiest cities. Recognized as a vital transport hub, DMH not only facilitates efficient travel to neighbouring airports but also serves as a launching point for scenic flights, allowing visitors to marvel at the breath-taking NYC skyline.

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Compared to the previous-generation standard-body freighters, the fuel-efficient 737-800BCF has up to 20% lower fuel use and CO2 emissions per tonne. Touch-labour for the freighter conversion was completed at Taikoo (Shandong) Aircraft Engineering Co. Ltd. (STAECO).

Emirates expands fleet with 15 more A350-900s, Ethiopian Airlines Group commits to 11 additional aircraft

Emirates has strengthened its partnership with Airbus by placing an order for an additional 15 A350-900s at the Dubai Airshow, bringing its total order to 65 aircraft. HH Sheikh Ahmed bin Saeed Al Maktoum, Chairman and Chief Executive of Emirates Airline and The Emirates Group, expressed excitement about the extended fleet mix, stating that: "The A350-900s will enhance our operational capabilities and we are delighted to announce additional orders for this aircraft type. Our plan is to deploy these A350s on long-haul missions of up to 15 hours flying time from Dubai, catering to a variety of new markets. We look forward to collaborating closely with Airbus and Rolls-Royce to ensure optimal operating efficiency and a superior flying experience for our customers." In another significant development at the Dubai Airshow, Ethiopian Airlines Group, the flagship carrier of Ethiopia, has committed to expanding its Airbus A350 fleet by signing a memorandum of understanding (MoU) for the acquisition of 11 additional A350-900s. This strategic move supplements the existing fleet and brings Ethiopian Airlines' total order book and commitment for the A350 to 33, including four A350-1000s. With a current fleet of 20 A350-900s, this commitment solidifies Ethiopian Airlines' position as the largest A350 customer in Africa. The MoU was signed in the presence of Ethiopian Airlines Group CEO Mesfin Tasew and Airbus Chief Commercial Officer and Head of International, Christian Scherer, highlighting the strong partnership between the airline and the aircraft manufacturer.

Emirates, flydubai and Royal Jordanian sign Boeing aircraft orders at Dubai Airshow



Emirates has placed an order with Boeing for 90 777X airplanes

© Boeing

Emirates has placed an order with Boeing for 90 777X airplanes, including 55 777-9 and 35 777-8 jets. This new order, which increases Emirates' 777X-family backlog to 205 planes, was announced during the Dubai Airshow at a signing event attended by His Highness Sheikh Ahmed bin Saeed Al Maktoum, Chairman and Chief Executive, Emirates Airline and Group; and Stan Deal, President and CEO of Boeing Commercial Airplanes. In addition, Emirates updated its 787 Dreamliner order book to better align future capacity to demand. The airline is buying five more 787 jets – growing its 787 backlog to 35 – while converting 30 787-9s to 20 787-8 and 10 787-10 airplanes. flydubai has placed an order for its first wide-body aircraft, the Boeing 787 Dreamliner. The airline and Boeing have signed an agreement for 30 aircraft. flydubai currently operates an all-737 fleet of 79 airplanes. The airline has an order backlog of 137 737s. Furthermore, Royal Jordanian has decided to grow its long-haul fleet with an order for four 787-9 Dreamliner jets, as the airline expands and modernises its fleet. Jordan's flag carrier also re-confirmed at the Dubai Airshow a previous order for two 787-9s, bringing its total 787-9 backlog to six aircraft.

airBaltic expands fleet with 30 additional A220-300s



With the latest A220-300 order, airBaltic will become the largest A220 customer in Europe

© Airbus

airBaltic has solidified its position as the largest A220 customer in Europe by confirming an order for 30 more A220-300 aircraft. With this addition, the airline's total firm order-book now stands at 80 aircraft. Currently holding the title of the world's largest A220-300 operator with a 44-strong fleet, airBaltic has been exclusively operating the Airbus A220-300 since 2020, following its initial adoption in 2016 as the launch customer. Martin Gauss, President and CEO of airBaltic, expressed the significance of this milestone, stating, "This day marks a significant milestone in the history of airBaltic – our plans for the first time ever to operate a fleet of 100 aircraft by 2030. For almost seven years already, the Airbus A220-300 has been the backbone of our operations and has played an integral role in the international success story of airBaltic. Being the global launch customer of the Airbus A220-300, we continue to be a proud ambassador of it. We are grateful to our partners at Airbus for the incredible support, trust, and collaboration over these years."

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SunExpress signs commitment for up to 90 Boeing 737 MAX jets

SunExpress, a joint venture between Turkish Airlines and Lufthansa, has once more selected the Boeing 737 MAX to continue its robust growth. With a commitment to purchase up to 90 fuel-efficient single-aisle jets, announced at the Dubai Airshow, Türkiye's leisure carrier will more than double its fleet into the next decade. The agreement includes 28 737-8 and 17 737-10 models, with the opportunity for up to 45 additional 737 MAX airplanes. This new commitment from SunExpress will build on the airline's previous order for 42 737-8s, nine of which have been delivered. Established in 1989 as a joint venture of Turkish Airlines and Lufthansa, SunExpress acts as a tourism ambassador between Türkiye and Europe with its 30 years of experience and leisure airline expertise. SunExpress flies more than 175 routes to 30 countries and carries more than ten million passengers every year. With its headquarters in Antalya and Frankfurt and bases in Izmir and Ankara, SunExpress has more than 3,500 employees and a fleet of 66 aircraft.



Boeing 737-8 in SunExpress livery

© Boeing

Rolls-Royce successfully runs UltraFan technology demonstrator to maximum power



UltraFan demonstrator

© Rolls-Royce

Rolls-Royce has successfully run its UltraFan technology demonstrator to maximum power at its facility in Derby, UK. The initial stage of the test was conducted using 100% sustainable aviation fuel (SAF). This is an important milestone for the UltraFan demonstrator, which was successfully tested for the first time earlier this year. Since then, the UltraFan team has been gradually increasing the power as part of the rigorous testing regime and the demonstrator has performed in line with the company's expectations. The results of the test will provide Rolls-Royce with valuable learning and data, which its teams will now take away and continue to analyse. This achievement reinforces the company's confidence in the suite of technologies that has been developed as part of the UltraFan programme. Confirming this capability is a big step towards improving the efficiency of current and future aero-engines as UltraFan delivers a 10% efficiency improvement over the Trent XWB engine, which is already the world's most efficient large aero-engine in service. In total that is a 25% efficiency gain since the launch of the first Trent engine. UltraFan's scalable technology from ~25,000-110,000lb thrust also offers the potential to power the new narrow-body and wide-body aircraft anticipated in the 2030s. As part of the UltraFan development programme, Rolls-Royce has identified a number of technologies that are potentially transferable to the current Trent engines, which will provide customers with even greater availability, reliability and efficiency.

Turboprop lessor Abelo signs agreement for 20 ATR aircraft

Abelo, a leading turboprop lessor, and regional aircraft manufacturer ATR, have signed a Heads of Agreement for a firm order of ten ATR 72-600s, along with options for an additional ten. This deal underscores Abelo's continued commitment to embracing the latest in cutting-edge turboprop technology. Notably, in July 2022, Abelo placed an order for ten ATR 72-600s and confirmed a deal for ten ATR 42-600S – short take-off and landing (STOL) versions. These additional aircraft will empower the lessor to meet the growing demand for efficient, cost-effective and dependable regional air travel connections worldwide, all while promoting the transition towards responsible aviation. While Abelo will take delivery of its first brand new ATR before year-end as part of the 2022 order, deliveries of these additional aircraft are scheduled for 2026 through to 2028.



Abelo has signed an agreement to order 10 ATR 72-600 aircraft

© ATR

AIRCRAFT & ENGINE NEWS

Air Arabia places order for 240 LEAP-1A engines



Official announcement of the engine deal at the Dubai Airshow 2023

© Safran

Air Arabia, the Middle East low-cost carrier, has announced a significant milestone in its ongoing commitment to enhancing its fleet and operations. Following a ceremony attended by senior executives from CFM and Air Arabia during the Dubai Airshow 2023, the airline has announced an order for 240 CFM LEAP-1A engines to power its existing order of 120 Airbus A320neo-family aircraft, including brand-new A321XLRs. The agreement also includes a multi-year services agreement and spare engines. The deal will support Air Arabia's fleet growth and future expansion. The state-of-the-art LEAP-1A engines are set to propel Air Arabia's existing order of 120 Airbus A320neo-family aircraft, which comprise 73 A320neo, 27 A321neo and 20 A321XLR airplanes, scheduled for delivery in 2025. Air Arabia became a CFM customer in 2003 as the airline kicked off operations with a CFM56-5B-powered Airbus A320. The company currently operates a total fleet of 71 Airbus A320ceo and A321neo-LR aircraft. A 50/50

joint venture between GE Aerospace and Safran Aircraft Engines, CFM International has redefined international cooperation and helped change the course of commercial aviation since its founding in 1974.

EGYPTAIR and Airbus sign order for ten A350-900s

EGYPTAIR and Airbus have disclosed an order for ten new Airbus A350-900 aircraft at the 2023 Dubai Airshow. Once added to the fleet, the A350-900s will provide EGYPTAIR with 25% less fuel burn and, in turn, reduced emissions, while passengers enjoy the comfort of the Airbus AirSpace cabin, including a feeling of true spaciousness, wide seats, high ceilings and alluring ambient lighting. The signing took place in the presence of EGYPTAIR's Chairman and CEO, Engineer Yehia Zakaria and Airbus Chief Commercial Officer and Head of International, Christian Scherer. "EGYPTAIR is a key partner of Airbus in the Middle East and Africa. We take immense pride in this partnership aimed at furthering the aviation industry. Our focus lies in the enhancement of our fleet to embrace some of the most contemporary aircraft available," says Zakaria. "Once delivered the A350-900 will be EGYPTAIR's flagship aircraft. Adding the world's most modern and efficient wide-body aircraft to the airline's fleet will be instrumental in expanding its offering, opening new opportunities particularly in Western US and the far East," says Scherer.



Airbus A350-900 aircraft in EGYPTAIR livery

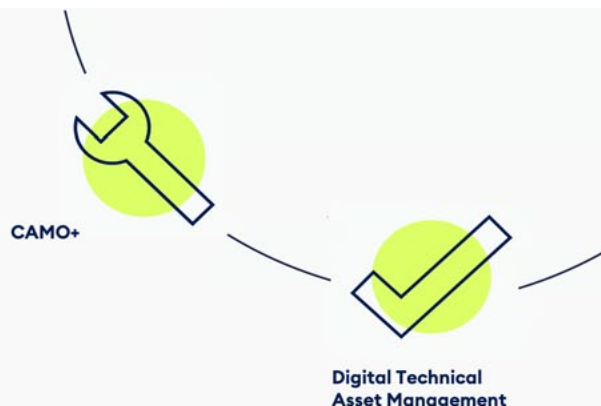
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AIRCRAFT & ENGINE NEWS

Ethiopian Airlines places landmark order for 67 jets with Boeing

Ethiopian Airlines has agreed to order 11 787 Dreamliner and 20 737 MAX airplanes with an opportunity for 15 and 21 additional jets, respectively. The agreement was signed between Boeing and Ethiopia's national carrier at the Dubai Airshow. Ethiopian is ordering the 787-9 variant, part of a Dreamliner family that reduces fuel use and emissions by 25% compared to the airplanes it replaces. The carrier is also adding the 737-8 model, which reduces fuel use and emissions by 20% and creates a 50% smaller noise footprint compared to the airplanes it replaces. Both families bring better environmental performance and passenger comfort to their respective markets. The new commitment positions Ethiopian Airlines to further strengthen and diversify its fleet, which currently includes more than 80 Boeing jets. Ethiopian operates Africa's largest Dreamliner fleet with a mix of 787-8s and 787-9s. The new 737 MAX order, which will grow the airline's backlog for the fuel-efficient jet to 50, will be posted on Boeing's Orders & Deliveries website when finalised. Boeing and Ethiopian Airlines also agreed to work together to provide cabin modification services for the carrier's existing 787 Dreamliners. The comprehensive retrofits will enhance the passenger experience with advanced in-flight entertainment and new seats in all cabins, including lie-flat business-class seats from Boeing joint venture Adient Aerospace.



Image of Ethiopian Airlines Boeing 787-9 in flight

© Boeing

Coulson Aviation extends aerial firefighting support to South America



C-130H Hercules Large AirTanker

© Coulson Aviation

Coulson Aviation has been awarded a three-year firefighting contract with Chile's Corporación Nacional Forestal (CONAF) for a C-130H Hercules Large AirTanker and a Citation 550 air attack lead plane with its partner BRYSA. The Citation 550 air attack lead plane allows Coulson's highly trained air attacks to coordinate the aerial assets on a fire from above for safety and efficiency. The fast, manoeuvrable jet maintains an altitude above all firefighting helicopters and airplanes, allowing the crew to direct aircraft, provide safe separation, and increase efficiency of overall operations, which significantly increases productivity. Coulson Aviation is the only aerial firefighting company operating Large Airtankers with Air Attack Lead Aircraft internationally. The C-130H

is equipped with Coulson's 4,000-gallon Retardant Aerial Delivery System (RADS-XXL), the most widely used, highest-volume tanking system for LATs worldwide. At half the cost and one-sixth the weight of competing systems, Coulson's RADS-XXL requires no additional crew or equipment, provides real-time flow rate and superior drop zone coverage, and reduces overall pilot workload. Built by Lockheed Martin, the C-130H Hercules is a four-engine turboprop military transport aircraft. It has a capacity of 4,000 gallons (15,000 liters) and is considered one of the world's most powerful aerial firefighting aircraft due to its range, versatility, and suppression ability per drop.

MRO & PRODUCTION NEWS

Emirates awards Safran multiple new contracts worth US\$1.2 billion

Emirates, the world's largest international airline, has awarded a series of contracts to Safran, worth over US\$1.2 billion combined. This includes a US\$1 billion deal for the latest-generation Safran seats for Emirates' new fleet of Airbus A350, Boeing 777X-9 and existing Boeing 777-300 aircraft. The agreement includes business-, premium economy- and economy-class seats for the Emirates Airbus A350, and business-, premium economy- and economy-class seats for the Boeing 777X-9. The new seats will offer a host of enhancements that set a new standard for comfort, privacy and convenience, including generous space and a bolder roster of luxurious features, stylish interior finishes and next level-technology in every cabin class. The deal also represents a significant export order for a French company and is part of Emirates' ongoing investment into France and Europe. In addition to seats, Safran Cabin will be providing Emirates' A350 fleet with galley shipsets in line with the airline's high standards when it comes to quality and design. The galleys, both for Emirates' A350 and B777-9 fleet will be equipped with GEMini and the new high-end type NUVO-galley inserts with advanced features, efficiency and technology. Safran Landing Systems will be supplying high-performance wheels and carbon brakes for the Emirates A350 fleet. These brakes offer significant weight savings and feature a unique design that provides better cooling for shorter turnaround times (TAT) and increased fleet availability. Safran Passenger Innovations will be providing its RAVE AeroConnect Ka solution to Emirates, allowing connectivity across multiple providers and frequencies. This end-to-end solution will disrupt the inflight connectivity status quo by offering Emirates unrivalled flexibility in entertainment and provider choice. 50 Airbus A350s, 60 Airbus A380s and 50 Boeing 777X-9s will be equipped with Safran's agnostic satcom connectivity solution. In addition to providing equipment for Emirates' new fleet, Safran is also working closely with the airline on its current retrofit programme, which includes providing new seats for the Boeing 777 and Airbus A380 aircraft. Safran Landing Systems will perform exclusive services to Emirates for nose landing gear overhaul for the A380 fleet. Safran Landing Systems' broad network, which includes facilities in Singapore and France, will provide Emirates with the expertise, capabilities and tailored support services covering the A380's landing systems lifecycle. Furthermore, Emirates has signed a ten-year service agreement with Safran Aerosystems covering repair and maintenance for Boeing 777 safety and cabin systems components. Safran Aerosystems' Middle East facility is located near Al-Maktoum Airport in Dubai and will deliver maintenance services that will further enhance Emirates' operational efficiency. (£1.00 = US\$1.23 at time of publication).



Jean-Michel Hillion, Safran Landing Systems, Victoria Foy, CEO Safran Seats, Adel Al Redha, Chief Operating Officer, Emirates, Yves Melisse, Safran Cabin, Sébastien Weber CEO Safran Aerosystems
© Emirates

Gulf Air and Joramco sign extend strategic partnership



Gulf Air Chief Executive Officer Captain Waleed Abdul Hameed Alalawi (r) and Joramco's Chief Executive Officer Fraser Currie (l), at the Dubai Airshow 2023
© Gulf Air

Gulf Air, the Kingdom of Bahrain's national carrier, has extended its strategic partnership with Jordan Aircraft Maintenance Limited, (Joramco), an Amman-based aircraft maintenance, repair, and overhaul (MRO) facility and engineering arm of Dubai Aerospace Enterprise (DAE), to optimise aircraft maintenance services and ensure the highest standards of quality, safety and efficiency. The agreement which was signed by Gulf Air Chief Executive Officer Captain Waleed Abdul Hameed Alalawi and Joramco's Chief Executive Officer, Fraser Currie at the Dubai Airshow 2023, will facilitate the maintenance of Gulf Air aircraft at Joramco's MRO facility located at Queen Alia International Airport in Jordan.

MRO & PRODUCTION NEWS

StandardAero completes first HTF7000 inspection at Gosport, UK



StandardAero has completed the first HTF7000 inspection at its Gosport, UK facility © StandardAero

StandardAero has reported the completion of its first Honeywell HTF7000 minor-level maintenance event, a 4,800-hour inspection on an HTF7350 engine, at its Gosport, UK regional turbine centre (RTC) for a customer in the EMEA region. "HTF7000 operators in the EMEA region now have a facility option to keep their engine in region for minor-level maintenance, in addition to regional mobile service team support, backed by StandardAero's expertise built over 15 years of supporting maintenance and repair of the engine," said Lisa Cooper, StandardAero UK Regional Turbine Centre (RTC) and Mobile Service Team (MST) Program Manager. StandardAero Business Aviation's teams from Augusta, Georgia, the MST technicians from Rijen, the Netherlands and the Gosport team worked together to launch HTF7000 operations at the UK facility. "I'm confident the UK RTC will raise the standard of HTF7000 engine support for the region's customers now that they are fully capable of performing minor-level maintenance on-site," said Jason Strobel, StandardAero Business Aviation HTF7000 Commercial Program Director. Additionally, Strobel mentioned the organisation's strategically located inventory, in-house repair capabilities and factory-trained technicians have enabled StandardAero's Gosport RTC to better support the region's customers and ultimately, reduce turn-around-time. StandardAero provides heavy maintenance support for the HTF7000 engine series at its Augusta, GA Centre of Excellence. Minor-level maintenance services are offered at StandardAero's Gosport, UK Regional Turbine Centre (RTC), while the Belo Horizonte, Brazil RTC provides line maintenance. The company also has mobile service team (MST) technicians who support minor and line level maintenance and repair of HTF7000 engines in the field around the world.

MRO & PRODUCTION NEWS

LHT signs new service agreements with Emirates and Saudia Technic

Lufthansa Technik (LHT) has signed new service agreements at the Dubai Airshow with Dubai-based airline Emirates and Saudia Technic, partner of the national airline of Saudi Arabia, Saudia, based in Jeddah. LHT and Emirates have signed a base maintenance services (BMS) contract for Airbus A380 aircraft. By October 2026, another 23 of the world's largest passenger aircraft will undergo C-checks performed by Lufthansa Technik Philippines (LTP) in Manila. With the agreement now signed, the Dubai-based airline is once again entrusting heavy checks for this fleet type from its own in-house MRO capacities to LHT. Lufthansa Technik's competence centre for base maintenance services on the double-decker long-haul aircraft in Manila has already carried out several heavy checks for Emirates' A380s since January this year. As soon as the ten A380s covered by the very first agreement have undergone the checks, the additional 23 aircraft will follow. By October 2026, LTP will have performed base maintenance checks for 33 Emirates' Airbus, which is over a quarter of the world's largest A380 fleet. To cope with the significantly increased demand for MRO services on the world's largest commercial airliner type, LTP has invested in additional A380 overhaul capacities. Due to the expanded MRO infrastructure such as the construction of a new 9,000 m² hangar, three of these superjumbos can be overhauled at the same time in Manila. Furthermore, Saudia Technic and Lufthansa Technik signed a ten-year total component support (TCS) contract at the Dubai Airshow, focusing on Saudia's Airbus

Lufthansa Technik expands capabilities for the CFM LEAP engine



Service performed on CFM LEAP-1B engine

© Lufthansa Technik

As the first independent MRO-provider to sign a CFM-branded service agreement (CBSA) for both the LEAP-1A and LEAP-1B engines, Lufthansa Technik (LHT) is now preparing to induct its first LEAP-1B engine in November of this year. The company already has extensive experience with the LEAP-1A, servicing it for four years and serving a variety of customers - ranging from airlines to lessors and OEMs as well. Lufthansa Technik offers MRO solutions to the customers' specific needs varying from Cycleclean® engine wash, housekeeping services, mobile engine services and quick turns to performance restoration work scopes. The focus is now on rapid capacity growth. "Lufthansa Technik's induction of its first CFM LEAP-1B engine in the coming weeks is a key milestone for our open LEAP MRO Network. As our first CBSA, Lufthansa Technik has gained significant experience with the engine and we are very confident in our capabilities to provide world-class MRO support," said Gaël Méheust, President & CEO of CFM International. "We are very grateful for our successful partnership and CFM International's support in preparing us to offer our services for the LEAP-1B", said Derrick Siebert, Vice President Commercials Engine Services at Lufthansa Technik. Lufthansa Technik's capacity growth supporting the LEAP-1B services maintenance is a significant benefit for the CFM LEAP customer base.

MRO & PRODUCTION NEWS

fleet. This collaboration builds on Lufthansa Technik's ongoing provision of components to Saudia's Boeing fleet since the beginning of this year. In a notable expansion of their partnership, the companies are introducing a joint training programme starting in January 2024. The now concluded TCS contract encompasses 53 Airbus A320 and 31 A330 aircraft. For all of them, Saudia Technik gains 24/7 access to Lufthansa Technik's global component pool. The TCS includes an aircraft on ground (AOG) support that guarantees shortest possible delivery for time-critical components. The agreement will significantly strengthen Saudia Technik's technical operations and complement its own resources. Lufthansa Technik already supports 39 Boeing 777 (35 777-300ERs and four 777Fs) as well as 18 Boeing 787 aircraft (13 787-9s and five 787-10s).

Joramco extends nose-to-tail maintenance service with Emirates

Joramco has signed a new agreement with Emirates to provide additional nose-to-tail Boeing 777 maintenance services to the airline until the end of 2025. This strengthens the current successful MRO agreement between the parties. Emirates is the world's largest operator of 777s, and its decision to expand the contract highlights Joramco's exceptional services as the preferred MRO provider for this aircraft type.

AerFin secures extension of component support contract with Finnair

AerFin has extended its component support contract with Finnair for an additional seven years, ensuring services through 2030. This

The National Industrial Development Center signs MOU with Vallair Group



Gregoire Lebigot (l) signs MOU with Khalil Ibn-salamah (r) © Vallair Group

The Vallair Group and The National Industrial Development Center, established by the Government of the Kingdom of Saudi Arabia (KSA), have jointly announced the signing of an MOU that signifies cooperation in developing the aerospace industry in the Kingdom and throughout the Middle East. Together both parties confirmed the establishment of joint working teams to develop narrow-body MRO, aircraft disassembly, component repair shops, aircraft painting and full training for all capabilities. Chief Executive Officer of the Center, Eng. Khalil Ibn-salamah, explained that as KSA embarks on a transformational journey towards less dependence on oil and moves towards developing its industrial base as part of Vision 2030, the aerospace sector is one of great importance and high priority.

"Today the aerospace cluster within KSA is enjoying accelerated growth and we are delighted to welcome Vallair to join our fast-expanding group of global investors that are fostering international partnerships." Grégoire Lebigot, CEO of Vallair Group said that the Company would be proud to share its rich and diverse aviation heritage and expertise, particularly in relation to the design and construction of world-class MRO hangars and the integrated workflows that can be generated. "The Center is an industrial thought leader spearheading innovative industrial concepts in KSA and successfully pioneering business development and industrial sector activation end-to-end. It is striving to co-create solutions with key stakeholders, like Vallair, through its collaborative approach." Vallair's streamlined proposition offers a range of multi-specialist services that seamlessly connect to each other. From airframe and engine acquisition, through to MRO activities, component management, technical services, and parts sales. Last year it opened one of Europe's largest state-of-the-art hangars which combines both wide and narrow-body MRO maintenance services. On-site aero structure repairs and disassembly of aircraft and engines underpin a range of MRO programmes and create a blueprint for efficiency and sustainability. Vallair has also invested in Aircraft Academy which is a Part 147 training centre for aircraft mechanics that is attracting global enrolment.

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MRO & PRODUCTION NEWS

ongoing collaboration since 2020 involves delivering component support to Finnair's fleet of 12 E-190 aircraft. The BeyondPool™ programme, tailored to adapt to the airline's operational needs and changing market conditions, played a crucial role in this extension. After a comprehensive evaluation, market testing and auditing of costs by Finnair, AerFin was chosen based on its proven track record, unwavering commitment to exceptional support, reliability, and cost-effectiveness. This prolonged agreement strengthens the strategic partnership between the two companies, exemplified by their joint efforts in the sustainable phase-out of an A319 aircraft, underscoring a shared dedication to innovative and sustainable aviation solutions. Juha Ojala, Senior Vice President of Technical Operations at Finnair, expressed satisfaction with the agreement, emphasising AerFin's reliability, high-quality service and long-term partnership. Ojala looks forward to further enhancing the relationship. Simon Goodson, AerFin CEO, expressed pride in supporting Finnair, especially as they commemorate their 100th year of operation. Goodson highlighted AerFin's commitment to providing guaranteed service levels as Finnair embarks on a new chapter. In a highly competitive industry where cost and delivery quality are paramount, AerFin sees significant opportunities in supporting the global E-Jet platform.

FINANCIAL NEWS

EAS Aviation Group and Knighthood Global sign collaboration agreement to secure capital funding for end-of-life aircraft

EAS Aviation Group and UAE-based Knighthood Global have signed an agreement at the Dubai Airshow to collaborate in securing capital funding, providing EAS with the necessary financial support to purchase end-of-life aircraft from various lessors, airlines and asset owners. In collaboration with MRO JAT Tehnika, a renowned aviation expert and subsidiary of Avia Prime Group based in Belgrade, EAS currently offers a comprehensive aircraft disassembly and asset management solution tailored to the specific needs of asset owners. Their vertically integrated range of services which includes aircraft disassembly, complementary storage, (EASA and FAA) part recertification, repair management, component remarketing, and consignment services, aims to maximise asset value and sales return for its customers. EAS Aviation Group is committed to environmental sustainability which is evident in their component harvesting and recycling programme. By implementing green practices, EAS not only helps customers maximise their revenue return, but also minimises their

VoltAero showcases intelligent mobile charger for Cassio 330

A universal mobile charger for the Cassio family of electric-hybrid airplanes and other electric aircraft was unveiled by VoltAero at this week's Dubai Airshow 2023. This intelligent charging unit is part of VoltAero's strategy to create the infrastructure for its Cassio airplane family, which begins with the five-seat Cassio 330. The charger will also be offered for applications with other e-aircraft and eVTOLs. Capable of delivering energy to recharge the Cassio 330 in approximately 30 minutes, the charger uses a smart combination of super-capacitors and batteries for a power output of 100 kw. As part of the unit's "intelligence," it can be programmed for autonomous deployment to a designated location at an airport or landing zone for aircraft recharging. In addition to the intelligent charger unit's world debut at the Dubai Airshow, the VoltAero display in the Dubai World Centre included Kawasaki Motors' four-cylinder and six-cylinder internal combustion engines for the Cassio aircraft's electric-hybrid propulsion module. These engines will be able to operate with hydrogen, with VoltAero targeting a Cassio 330 electric-hydrogen demonstrator for 2025. VoltAero's Cassio family will be a highly capable and reliable aircraft product line for regional commercial operators, air taxi/charter companies, private owners, as well as in utility-category service for cargo, postal delivery and medical evacuation (Medevac) applications. By integrating VoltAero's patented electric-hybrid propulsion system into the company's purpose-designed airframe, Cassio will deliver an order of magnitude higher performance as compared to the current competition and provide significantly lower operational costs.



The intelligent mobile charger for Cassio airplanes and other e-aircraft © VoltAero

Soisa Aircraft Interiors expands Dubai facility



© Soisa Aircraft Interiors

Soisa Aircraft Interiors, a renowned specialist in aircraft cabin interiors, has announced the expansion of its facility in the Dubai South area in the United Arab Emirates (UAE). The revamped facility has quadrupled in size, featuring specialised production lines with dedicated units for dress cover lamination, curtains and cutting areas. A sizable warehouse has also been incorporated, designed to accommodate both raw materials and finished goods for efficient management. The announcement comes after a successful first year for the manufacturer in Dubai, after moving to the facility in

March 2023. Soisa currently provides upholstery and assembly services for over 120 airlines worldwide and partners with all major seat OEMs from its base in Chihuahua, Mexico. The new Dubai facility extension will enable Soisa to dramatically increase its production capacity, thereby catering to a wider array of client needs, including major airlines and aircraft manufacturers. Jacobo Mesta, CEO of Soisa, said: "We are committed to enhancing the nearshoring experience for our clients around the world. By moving to the heart of Dubai South, an emerging hub of aviation, Soisa aims to capitalise on its state-of-the-art facility by offering cutting-edge services in dress covers and lamination and speeding our clients' products to market."

FINANCIAL NEWS

environmental impact. EAS takes pride in its ISO 14001:2015 certification and membership in AFRA, solidifying its position as a leader in sustainable aircraft dismantling. Following the signing of this agreement, EAS can now offer asset owners looking for an immediate return, an outright purchase for their end-of-life aircraft.

Embraer finalises credit arrangement in collaboration with UK Export Finance

Embraer has closed a framework agreement for a credit operation aimed at helping its customers purchase aircraft with the support from UK Export Finance (UKEF). UKEF is a British government agency focused on financing local exports, which will be the credit guarantor for future financial transactions. This support is bound by the volume of materials and components imported by Embraer with origins in the United Kingdom and has collaboration opportunities with the potential to increase levels of assistance. "This is yet another win for our world-class aerospace sector, placing UK suppliers at the front of the queue to stock one of the largest aircraft

'Project Speedbird' wins £9 million Government funding

Project Speedbird – a joint partnership between Nova Pangaea Technologies (NPT), LanzaJet and British Airways (BA) – has secured new funding totalling £9 million from the Government's Advanced Fuels Fund (AFF) competition. NPT, a Teesside-based cleantech company developing advanced biofuels used to produce SAF, was awarded £7.5 million as part of the partnership and LanzaJet, a leading ethanol to SAF technology company and sustainable fuels producer, will receive £1.5 million. It is hoped that the funding will help establish the UK as a world-leader in SAF production and the decarbonisation of aviation. It follows the multi-million-pound investments from International Airlines Group (IAG) and British Airways earlier this year into NPT and Project Speedbird, respectively. IAG – British Airways' parent company – is also a founding investor and shareholder of LanzaJet dating back to 2021. The SAF will be developed using a combination of NPT's innovative technology, which converts agricultural waste and wood residue feedstocks into second-generation biofuels such as ethanol and LanzaJet's proprietary technology that converts ethanol into SAF. The NPT ethanol will be initially processed into SAF using LanzaJet's Alcohol to Jet (ATJ) plant in Georgia, USA - the first of its kind in the world - prior to Project Speedbird's own larger ATJ facility, planned to be built in the UK by 2027. British Airways is intending to purchase all the SAF produced through Project Speedbird to help power some of its flights. Project Speedbird will produce 102 million litres of SAF per year, which will reduce CO2 emissions, on a net lifecycle basis, by 230,000 tonnes per year, the equivalent of approximately 26,000 British Airways domestic flights. Project Speedbird will produce SAF at full capacity by 2028, supporting progress towards the UK's SAF mandate which will require at least 10% of jet fuel used by airlines to be made from sustainable feedstocks by 2030.



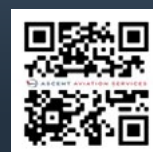
Project Speedbird has secured new funding totalling £9 million from the Government's Advanced Fuels Fund (AFF) competition
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FINANCIAL NEWS

manufacturers in the world”, said Lord Offord, UK Minister for Exports. “The deal will not only provide a welcome boost to existing suppliers, but also encourage even more purchases from UK businesses, boosting high wage and high skill jobs across the country.” The operation with UKEF provides several benefits, such as the development of the aeronautical industry in both countries and more credit options for Embraer’s customers. This is the second partnership between Embraer and the UKEF in one year. In 2022, both announced a US\$100 million (£81 million) credit transaction to finance purchases of supplies made by Embraer in the UK.

MILITARY AND DEFENCE

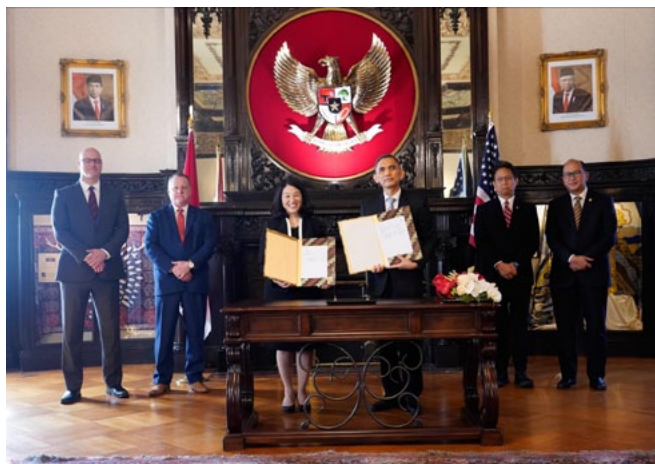
Bombardier Defense delivers seventh Global aircraft to Saab

Bombardier Defense has delivered the seventh Global aircraft to defence and security company Saab, ready to be transformed into Saab’s Airborne Early Warning and Control (AEW&C) solution known as GlobalEye. Bombardier’s latest Global aircraft delivery is destined to join the Swedish Air Force and will be Saab’s second GlobalEye aircraft to join Sweden’s military fleet. The seven aircraft delivered by Bombardier to the GlobalEye programme highlight a successful collaboration and echo Bombardier’s thriving, long-standing reputation manufacturing specialised aircraft for the defence industry. “More and more countries are preparing for the future by choosing modern, more efficient business jets as strategic assets for their military fleet,” said Jean-Christophe Gallagher, Executive Vice-President, Aircraft Sales and Bombardier Defense. “With the rapid progression of technologies, there is a growing realisation that business jets, such as our Global aircraft, can seamlessly integrate the equipment and capabilities that were traditionally carried by commercial aircraft.” In addition to offering lower operating costs than commercial aircraft, Global business jets have take-off and landing capabilities that allow them to fly in and out of more strategic locations. The agility granted by the steep-approach certification and the advanced wing design of the Global aircraft is an advantageous feature to airborne surveillance platforms, designed for long-range air, maritime and ground surveillance. As such, Saab’s GlobalEye incorporates some essential attributes of the Global business jet including over 11 hours of operational endurance, state-of-the-art avionics, and class-leading maintenance intervals. Paired with ample cabin space for workstations and mission equipment for ideal crew conditions, the Global aircraft is perfectly suited for situational awareness missions of large areas.

MILITARY AND DEFENCE

Honeywell signs MOU with PT Dirgantara Indonesia to support defence industry

Honeywell signed an MOU (memorandum of understanding) with PT Dirgantara Indonesia (PTDI) on November 13, 2023 to discuss further collaboration on several initiatives that will enhance the Indonesian Armed Forces’ mission readiness. The purpose of the MOU is to support the Indonesian defence industry across maintenance services, parts upgrades and manufacturing. Honeywell and PTDI intend to expand their cooperation and localise MRO capabilities in Indonesia for Honeywell contents on various platforms and work together on retrofit, modification and upgrade (RMU) opportunities for global customers. The MOU will also allow both companies to explore opportunities to establish a robust supply chain in Indonesia for aerospace products. The MOU signing was witnessed by Indonesia’s Ambassador to the United States Rosan Roeslani at the Embassy of the Republic of Indonesia in Washington D.C. It signifies the latest development in Honeywell and PTDI’s collaboration since 2015 and Honeywell’s four decades of commitment to the Indonesian aerospace industry.



Honeywell and PTDI at the official MOU signing

© Honeywell

Voyageur Aviation to upgrade Canada’s DND Dash-8 CT-142 fleet



Dash-8 CT-142 aircraft

© Government of Canada

Voyageur Aviation has been awarded a contract with the Department of National Defence (DND) to provide several upgrades to its fleet of Dash 8-100 CT-142 aircraft. The award of this project further strengthens Voyageur’s portfolio on special-mission aircraft through innovative engineering services, heavy maintenance,

parts and logistics support, as well as aircraft operations. The Department of National Defence, at 402 Squadron in Winnipeg, operates a fleet of four CT-142 aircraft for the purpose of training Air Combat Systems Officers (ACSOs) and Airborne Electronic Sensor operators (AES OPs). The modifications include upgrades to the communications, navigation, surveillance and air traffic management avionics as well as the replacement and integration of upgraded radar systems including training. Voyageur is an integrated provider of specialised aviation services, including contract flying operations both internationally and domestically and offers advanced engineering and maintenance capabilities. Headquartered in North Bay, Ontario, Voyageur delivers innovative solutions to customers with unique aviation requirements and operates under the core principles of comprehensive safety management, quality assurance, and client-dedicated solutions.

INFORMATION TECHNOLOGY

flydocs, a leading digital records and asset management solution provider for the aviation industry, has signed a five-year deal with **Etihad Airways**, the national carrier of the United Arab Emirates, to digitise the records and asset management of its fleet. In addition to providing Etihad Airways with market-leading digital records management solutions, flydocs will implement its latest digital solution Lifecycle Asset Management (LAM) and support the technical records department with outsourced services. With LAM, Etihad will have the ability to track the live technical status of its assets against lease conditions, predict maintenance events, cost and exposure under various flight profile scenarios, and manage maintenance reserves.

OTHER NEWS

The **Dutch government** announced on Tuesday, November 14, that it is temporarily setting aside its plans to reduce flights at **Amsterdam's Schiphol Airport**, acknowledging the decision as a "difficult compromise for the environment." Infrastructure Minister Mark Harbers, in a letter to parliament, revealed that the proposals to cut Schiphol flights from 500,000 to 460,000 starting next year encountered significant legal challenges, including a Dutch court's blockage in April and concerns raised by the European Commission, the United States and Canada. Harbers emphasised the government's commitment to finding a balance between Schiphol and its surroundings while acknowledging the environmental impact of suspending the reduction plans. The letter

OTHER NEWS

flydubai plans to open a US\$56 million full-flight simulator (FFS) and training facility. The construction work has already commenced, and the advanced facility is scheduled to be fully operational by January 2025. Ghaith Al Ghaith, Chief Executive Officer at flydubai, said: "over the last 14 years, flydubai has been on a tremendous growth trajectory



Rendering of flydubai's FFS and training facility

© flydubai

that has seen the carrier evolve and innovate to become the airline it is today. The US\$56 million investment in the new training facility marks another milestone in our success story and reflects our unwavering commitment to operational efficiency and excellence. With more than 130 aircraft scheduled for delivery by 2035, the pressure of confirming available training slots with third-party simulator providers is alleviated by having our own simulator facility." The new 38,000-ft² facility is located on the grounds of the flydubai campus and will be home to six simulator bays, offering capacity of more than 43,000 training hours a year. The building's modular construction design allows for future expansion. Mohammed Hareb AlMheiri, Chief Technology and Supply Chain Officer at flydubai, said: "We are proud to announce the plans for our very own full-flight simulator facility which has always been a vital part of our growth strategy. As the demand for pilots and pilot training continues to soar in the region, it has become essential for airlines to have their own training facilities, enabling them to take more control over their training requirements. The new facility, which is set to open in 2025, will enable us to reduce our training cost, have firm control over our pilot training and retraining schedules and further support our growth trajectory." "We are working closely with CAE who will be providing the Boeing 737 MAX simulators in time to commence the first scheduled pilot training at the new centre in January 2025, as well as the readiness for two additional simulator bays suitable for either narrow-body or wide-body aircraft simulators," added AlMheiri. flydubai's new full-flight simulator and training facility will lead to cost savings over the first ten years of its operations. The facility primarily caters to flydubai's pilot training needs as well as its cabin crew training. The increased flexibility in the pilot training schedule and on-demand access to the simulator bays will enable further expansion of the airline's training capabilities, which can be extended to other airlines in the future.

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OTHER NEWS

concluded with an assurance of the government's dedication to achieving this equilibrium. Schiphol airport authorities expressed disappointment with the decision, noting concerns for local residents who bear the brunt of inconveniences. In a statement, they urged a noticeable reduction in disturbances for the benefit of the community. However, the decision brought relief to airlines, with Dutch flag carrier **KLM** praising it as a crucial move to avoid retaliation and ensure continued flights to the United States. Marnix Fruitema, head of the **BARIN** association of Dutch airlines, expressed delight at the minister's decision, stating, "We are pleased that the minister has reconsidered in time." The government disclosed that KLM had agreed to a series of measures set to take effect from March. These measures include the use of KLM's quietest aircraft during night-time and avoiding passenger services between midnight and 6 am. KLM affirmed its commitment to environmental concerns, expressing full dedication to reducing its environmental footprint in alignment with the government's goals.

Airways Aviation, a provider of pilot training, and **Symbiotics**, experts in psychometric assessment for the aviation industry, have partnered to support cadets by providing their ADAPT assessments ahead of commercial pilot training. Airways Aviation operates one of the largest fleets of privately owned training aircraft worldwide. Its vision is to train, educate, shape and deliver a new generation of aviation industry professionals as they assert themselves as a dominant private provider of quality aviation education and training globally for civilian and military customers. Symbiotics has a deep understanding of the aviation industry's unique requirements and the critical skills, attributes and competencies needed in aspiring pilots. Both organisations will work together using Symbiotics' ADAPT assessment suite to ensure a confident selection process, whilst supporting Airways Aviation with its commitment to providing a higher level of professional pilot training. Airways Aviation Global COO and CCO Alexandre Alves said: "Having such a geographical dispersion, working with different aeronautical regulations, with airlines, whitetail students, military customers and other stakeholders brings a lot of challenges to Airways Aviation operations. One of the challenges is to maintain a standard of quality in all regions of the world. Despite originally having assessment processes in place, we concluded they were not providing enough reporting or assessing all the topics we needed. Knowing the ADAPT assessments and in particular the Symbiotics team behind it, Airways Aviation management concluded it was the solution we needed. This will allow us to have an assessment standard globally and provide

Eve Air Mobility (Eve) and **Kookiejar**, a Swedish-based vertiport developer, have signed a letter of intent (LOI) for Eve's Urban ATM (Air Traffic Management) system to support vertiport operations in Dubai. The agreement marks Eve's first Urban ATM agreement in Dubai and Kookiejar be-



© Eve/Kookiejar

comes the company's tenth Urban ATM customer and fifth vertiport customer as the company continues to grow its global customer base. The agreement comes as Kookiejar, along with its local partner Air Chateau, is preparing to showcase Dubai's first state-of-the-art vertiport hub facility with eight parking pads and a FATO at Al Maktoum Airport, Dubai South. Eve's Urban ATM (Air Traffic Management) product has been adopted as part of Kookiejar and Air Chateau's grand vision for Dubai. The vision is a phased implementation programme in which networks of vertiports will be connected via Eve's Urban ATM system to support a safe and scaled Urban Air Mobility (UAM) operations that provides a path to commercialization in 2025-2026. "Urban air mobility relies on infrastructure within the lower air space as well as accessible take-off and landing spots - vertiports. Eve's Urban ATM solution provides an integrated suite of software that will enable an efficient and predictable eVTOL ecosystem," said Rob Weaver, Urban ATM global business development lead at Eve Air Mobility. "In Dubai, we are looking forward to working with Kookiejar as they combine expertise in both ground and air infrastructure to design a flexible, sustainable and reliable vertiport network." Eve has engaged Atech, Embraer's Air Traffic Control technology and system integrator company, to support the development of the Urban ATM software solution. Eve is leveraging Atech's experience in developing aviation-grade products for ATM systems in Brazil.



Astrova in Business Class

© Panasonic Avionics

Panasonic Avionics Corporation (Panasonic Avionics), a leading supplier of in-flight engagement and connectivity systems (IFEC), has signed an agreement with **Egyptair** for the installation of its Astrova seat-end solution on the airline's new Airbus A350-900 fleet. With this agreement, Egyptair becomes the first airline in Africa to select Astrova. Pa-

nasonic Avionics' newest solution will be linefit installed in Egyptair's A350 business-class cabins with 19-inch 4K OLED monitors, while 12-inch monitors will be installed in Economy Class. Panasonic Avionics' connectivity services will be installed throughout the airline's A350 aircraft. Astrova redefines the role of seatback IFE and enhances the opportunity for airlines to engage with their passengers. It will create an immersive experience for Egyptair's passengers through industry-leading screens that have the best high-definition capability available, combined with high-fidelity audio, accessible through Panasonic Avionics' Bluetooth technology. Passengers will have up to 100 W of direct current power, via USB-C, at their seat – providing the ability to fast charge every current phone and tablet at all phases of flight, and around 90 percent of the world's laptops. Panasonic Avionics' newest IFE seat-end solution also features programmable LED lighting that will enhance the passenger experience and enable Egyptair to optimise its business-class cabin environment. The monitors in Economy Class will deliver a high-performance system for Egyptair passengers with a superior, immersive cinematic experience using the latest 4K screen technology, with faster network speeds and higher storage capacity, along with USB-A and USB-C charging. Passengers that want to connect with friends, families, co-workers and social media during their flight will be able to use Panasonic Avionics' worldwide in-flight connectivity services, which enable a host of high-speed next-generation connectivity applications across 99.9% of all air travel routes.

OTHER NEWS

detailed reporting to our B2B customers feeling comfortable we are enrolling the best future pilots and cabin crew possible.” Providing pilot, cabin crew, maintenance and ground services Ab Initio training, Airways Aviation academies are approved by EASA (Europe), CASA (Australia), CAAC (China) and ICAO (through several local authorities). Having trained over 35,000 aviation professionals since inception, Airways Aviation has to date enrolled almost 1,000 students throughout the different courses in 2023, and the plan is to double it in 2024.

AAR subsidiary **Airinmar**, an independent provider of component repair cycle management and aircraft warranty solutions, has signed a new multi-year services agreement with low-cost carrier **Pegasus**. Airinmar will provide Pegasus with warranty support services, including the identification, claim and recovery of the multiple airframe and component warranty entitlements provided by **Airbus** and its suppliers. The services provided by Airinmar will complement Pegasus’ current procurement activities by focusing on maximising the recovery of Pegasus’ warranty entitlements and reducing the overall cost of aircraft maintenance. As one of Türkiye’s leading low-cost airlines, Pegasus believes that everyone has the right to fly and offers its guests the opportunity to travel with good-value fares and young aircraft through its low-cost model. In 2018, Pegasus adopted the motto Your Digital Airline and carries its guests to 130 destinations in 49 countries, 37 in Türkiye and 93 on its international network. Pegasus operates connecting flights between Türkiye and Europe, North Africa, the Middle East and Central Asia via Istanbul Sabiha Gökçen.

INDUSTRY PEOPLE



Marie-Louise Philippe

• Embraer Commercial Aviation has appointed **Marie-Louise Philippe** Vice President Sales & Marketing, and Head of Region for Europe and Central Asia. Philippe reports to **Martyn**

Holmes, Chief Commercial Officer of Embraer Commercial Aviation. Philippe will be based in Amsterdam, from where she will also support Embraer’s sustainability roadmap in the region. With over 20 years of experience in the aviation industry, Philippe has had a rich international career, being previously based in France,

Singapore and Hong Kong. She previously held wide-ranging commercial leadership roles at Airbus in procurement and customer affairs and has a strong sales record with customers in Europe and Asia. Most recently she successfully has led services and aircraft sales teams in South-East Asia, where she was also spearheading M&A, industrial cooperation projects and serving on the steering board of a training centre. Philippe is the founder and President of the Women in Aviation Chapter Singapore, which promotes and drives diversity and inclusion in the aerospace sector.



Jennifer Kempsey

• As part of the company’s increased customer demand and continued expansion, C&L Aviation Services has announced that **Jennifer Kempsey** has joined the company in the position of Regional Sales Manager of Corporate MRO for the North-eastern United States. Kempsey will assist C&L’s corporate aviation customers with maintenance packages, including modifications, avionics upgrades, interior upgrades and paint services. Kempsey’s experience includes two decades of sales and marketing experience in aviation, and she has also held prominent roles in the Westchester Aviation Association, Women in Aviation – Westchester and the NBAA Workforce Development Committee. C&L has been growing in the corporate aircraft MRO market for several years with a focus on Challenger, Hawker, Citation, Legacy 600/650, and BeechJet aircraft. Their 200,000 Sq. Ft. facility in Maine is a one-stop solution providing customers with heavy maintenance, interior refurbishment, avionics upgrades, and aircraft paint, all in one location. Kempsey will be based in New Jersey.



Captain Antonios Efthymiou

Captain Efthymiou accepted the appointment with the commitment to continue

guiding Hi Fly in the same dynamic way that resulted in the company leading the ACMI business whilst maintaining the highest levels of safety and passenger satisfaction. Efthymiou has shown a strong dedication to the aviation sector since he started his career 38 years ago, having accumulated almost 18,000 flight hours, with a significant 15,000 hours as a Captain. His journey began in 1985 with Olympic Airways, the Greek Flag Carrier, where he stayed until the company ceased operations in 2009. He joined Hi Fly in 2010, where he steadily climbed the ranks. Prior to this nomination, he held the position of Head of Flight Operations for Hi Fly Ltd. since January 2017 and served as the fleet manager for the A340 fleet since November 2014. His expertise extends to a variety of aircraft, as he is type-rated on Airbus A330, A340 and A380 aircraft, where he also contributes as an instructor and examiner.

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Suite 305, South Tower
5811 Cooney Road
Richmond, BC
Canada V6X 3M1

Publisher
Peter Jorssen
Tel: +1 604 318 5207

Editor
Heike Tamm
editor@avitrader.com
Tel: +34 (0) 971 612 130

Advertising Inquiries
Tamar Jorssen
VP Sales & Business Development
tamar.jorssen@avitrader.com
Phone: +1 (778) 213 8543

For inquiries and comments,
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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 SF	GA Telesis		27988	2000	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@aelc.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
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CF34-10E6	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CF34-10E5	Now - Sale / Lease	DASI	Joe Hutchings	joe.hutchings@dasi.com	+1 954-478-7195
(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

CFM Engines	Sale / Lease	Company	Contact	Email	Phone		
(1) CFM56-5B3/3	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiaaviation.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) CFM56-5B4/P	Now - Lease						
(1) CFM56-7B26/E	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) CFM56-7B26/3	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717		
(1) CFM56-5B3/3	Now - Lease						
(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							
(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							
(5) 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		
(1) LEAP-1A33	Now - Lease						
PW1100G Engines							
(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							
(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.				
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) 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@ftaiairline.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

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(2) GTCP331-200ER, (2) GTCP131-9A, (1) GTCP131-9B	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) A321 Enhanced Landing Gear 2020 OH					
(1) GTCP36-150	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 (4) 767 LG Shipset, (3) 737 LG-Shipset (1) 777-200 LG Shipset		GA Telesis		landinggearsales@gatelesis.com	
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) 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
(1) APS3200B		GA Telesis		apu@gatelesis.com	+1-954-849-3509
(1) 131-9A, (4) 131-9B					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000				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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