

Weekly Aviation Headline News

WORLD NEWS

Hactl wins two awards at AFLAS

Hong Kong Air Cargo Terminals Ltd (Hactl) – Hong Kong's largest independent handler – has been named "Best Global Air Cargo Terminal Operator" and "Best Green Air Cargo Terminal Operator" at the 2023 Asian Freight, Logistics and Supply Chain (AFLAS) Awards. It is the fifth time Hactl and its wholly owned subsidiary Hactis have been honoured at the AFLAS awards, since they were launched in 2015. The AFLAS awards recognise leadership, consistency in service quality, innovation, customer-relationship management and reliability among leading industry service providers - including air and shipping lines, airports and seaports, as well as professionals engaged in the industry.

WestJet launches cargo services to Cuba

WestJet Cargo has announced its new cargo route to Havana, Cuba, commencing on September 23, 2023. This expansion marks WestJet Cargo's first venture into the Cuban capital. Operating one weekly flight on the YYZ – HAV route, WestJet Cargo offers 20-tonne cargo capacity per flight per week, addressing the growing demand for cargo transport in Canada. WestJet Cargo said it is fully equipped to handle various cargo types, including general cargo, perishables, and select dangerous goods, ensuring secure and efficient cargo transportation to Havana.

JR Technologies launches airline retailing platform

JR Technologies has launched Aerostream, multi-product airline platform for airline retailing that offers a comprehensive solution for revamping distribution, retailing approaches, and better enabling airlines to oversee the entire travel journey more effectively. Aerostream leverages NDC technology and is one order-ready for third-party integration, featuring multi-product basket capabilities, multi-channel retailing, and simplified integrations. This unlocks new revenue opportunities for airlines, better integrates service offerings, and provides enhanced, cost-effective support for airline retailing strategies.



Asia-Pacific is showing further growth in international passenger markets.

© Singapore Airlines

Asia-Pacific airlines power ahead

With robust demand returning to region

Airlines in the Asia-Pacific region are showing further growth in international passenger markets, buoyed by the steady resumption of travel within the region and beyond. The gradual relaxation of travel restrictions by China, the region's largest passenger market, has also driven growth in demand. According to data from the Association of Asia-Pacific Airlines (AAPA) overall, 27.2 million international passengers were carried by Asia Pacific airlines in July, a robust 146.6% increase compared to the same month last year.

Cathay Pacific for instance carried a total of 1,784,980 passengers in August, an increase of 603% compared with August 2022. The month's revenue passenger kilometres (RPKs) increased 342.8% year on year. Meanwhile, the SIA Group posted a net profit of \$734 million in the

first three months of FY2023/24, the highest quarterly performance in its history, amid robust demand for air travel through the mid-year school holidays and the start of the summer travel season. Singapore Airlines will ramp up services to destinations across its network during the northern summer 2024 operating season supporting the

“For cargo, September marked the start of the traditional peak period and we are seeing demand beginning to pick.”

Cathay Pacific

strong demand for air travel to its key markets. This includes restoring Airbus A380 services between Singapore and Frankfurt, deploying Airbus A350-900 medium-haul aircraft on services to Cairns and Male, reinstating direct services between Singapore and Barcelona, and increasing flight frequencies to pre-pandemic levels across multiple points and exceeding them

in some. SIA will also launch non-stop flights between Singapore and Brussels from 5 April 2024.

The scenario across the region is painting a picture of a robust return for passenger traffic but most airlines are still seeing soft demand for the cargo sector. Over the first three months of FY2023/24, SIA's cargo segment's performance

declined year-on-year as the demand for air freight continued to soften. Cargo loads dipped 11.3% year-on-year, while capacity

grew 12.1%, primarily from the increase in belly hold capacity as more passenger flights returned to service.

In August, Cathay Pacific's cargo load factor decreased by 8.2 percentage points to 58.8%, while capacity, measured in available cargo tonne kilometres (AFTKs), in-

Continued on page 2

...continued from page 1

creased by 29% year on year. In the first eight months of 2023, the tonnage increased by 20.8% against an 87.8% increase in capacity and a 60.5% increase in RFTKs, as compared with the same period for 2022.

“For cargo, September marked the start of the traditional peak period, and we are seeing demand beginning to pick,” a Cathay spokesperson said. Looking ahead, the Hong-Kong based carrier

will also resume its services to Colombo and Chennai from February 2024 as it continues to bring back more destinations.

AIRCRAFT & ENGINE NEWS

VoltAero uses 100% SAF for first-ever electric-hybrid aircraft flight

VoltAero has announced the successful maiden flight of its electric-hybrid aircraft propulsion unit using 100% sustainable aviation fuel (SAF). This milestone demonstration was performed with VoltAero’s Cassio S testbed airplane, operated by the company to validate its electric-hybrid powertrain and the application of sustainable fuels, thereby de-risking airworthiness certification for upcoming production versions of the Cassio aircraft family. The test flight took place at VoltAero’s development facility at Royan, France, the milestone flight utilising the hybrid powertrain’s electric mode and its internal combustion engine – which was fuelled by TotalEnergies’ Excellium Racing 100, manufactured from bioethanol produced from waste from French vineyards. “Based on initial results, we calculated a truly impressive CO2 reduction of approximately 80% while operating the Cassio powertrain in its electric-hybrid mode and with the internal combustion engine fuelled by TotalEnergies’ Excellium Racing 100,” said Jean Botti, VoltAero’s CEO and Chief Technology Officer. “It underscores the opportunity for production Cassio aircraft to represent a major step closer to aviation’s decarbonization goals by replacing standard Avgas 100 high-octane fuel for aviation piston engines.” Excellium Racing 100 fuel has been utilised since 2022 in several motor racing competitions, including the famous 24 Hours of Le Mans endurance sports car race. It produced from winemaking waste and allows a reduction in CO2 emissions of at least 65% over its entire life cycle when compared with the fossil fuel equivalent. 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.

Rex takes delivery of ninth B737-800NG



The ninth B737-800NG aircraft has joined Rex’s fleet

© Rex

Australian carrier Rex has taken delivery of the airline’s ninth Boeing 737-800NG. The aircraft arrived in Brisbane on September 22, after a ferry flight from Singapore’s Changi Airport where it underwent a scheduled heavy maintenance check and painting. The aircraft will bear the registration VH-8JS and will enter service next month enabling the airline to launch its new route between Adelaide and Brisbane on October 30. This latest addition to the fleet closely follows Rex’s eighth Boeing 737-800NG which entered into service on August 15, and will allow Rex to further increase its domestic footprint across all the capital cities in Australia. Rex now has ten domestic routes connecting capital cities and holiday destinations across five States. The airline intends to add another two Boeing 737-800NG aircraft to its domestic fleet before the end of the financial year based on aircraft availability.

Surf Air Mobility confirms order for 20 Cessna Grand Caravan EXs

Surf Air Mobility has confirmed its order and paid the deposit for the first 20 Cessna Grand Caravan EX aircraft, designed and manufactured by Textron Aviation, to be purchased under its previously announced initial fleet order of up to 100 aircraft with options for 50 additional aircraft. Deliveries of the aircraft are expected to begin in the first half of 2024. The anticipated initial fleet delivery demonstrates progress in the exclusive relationship between the two companies supporting Surf Air Mobility’s development of an electrified Cessna Grand Caravan EX aircraft. Surf Air Mobility has announced its intention that the Cessna Grand Caravan EX single-engine turboprops will be upgraded to Surf Air Mobility’s proprietary electric or hybrid-electric powertrain technology. Surf Air Mobility is targeting FAA supplemental type certification in 2026. Surf Air Mobility anticipates that the hybrid-electric Cessna Grand Caravan EX aircraft will be utilised by Surf Air Mobility across its own network, connecting more airports with short-haul direct service across the U.S. on a path to creating a regional mass-transport platform to sustainably connect communities. Surf Air Mobility will also be the exclusive provider to Textron Aviation of certain battery-electric and hybrid-electric powertrain technology for the Cessna Grand Caravan.



The Cessna Grand Caravan EX

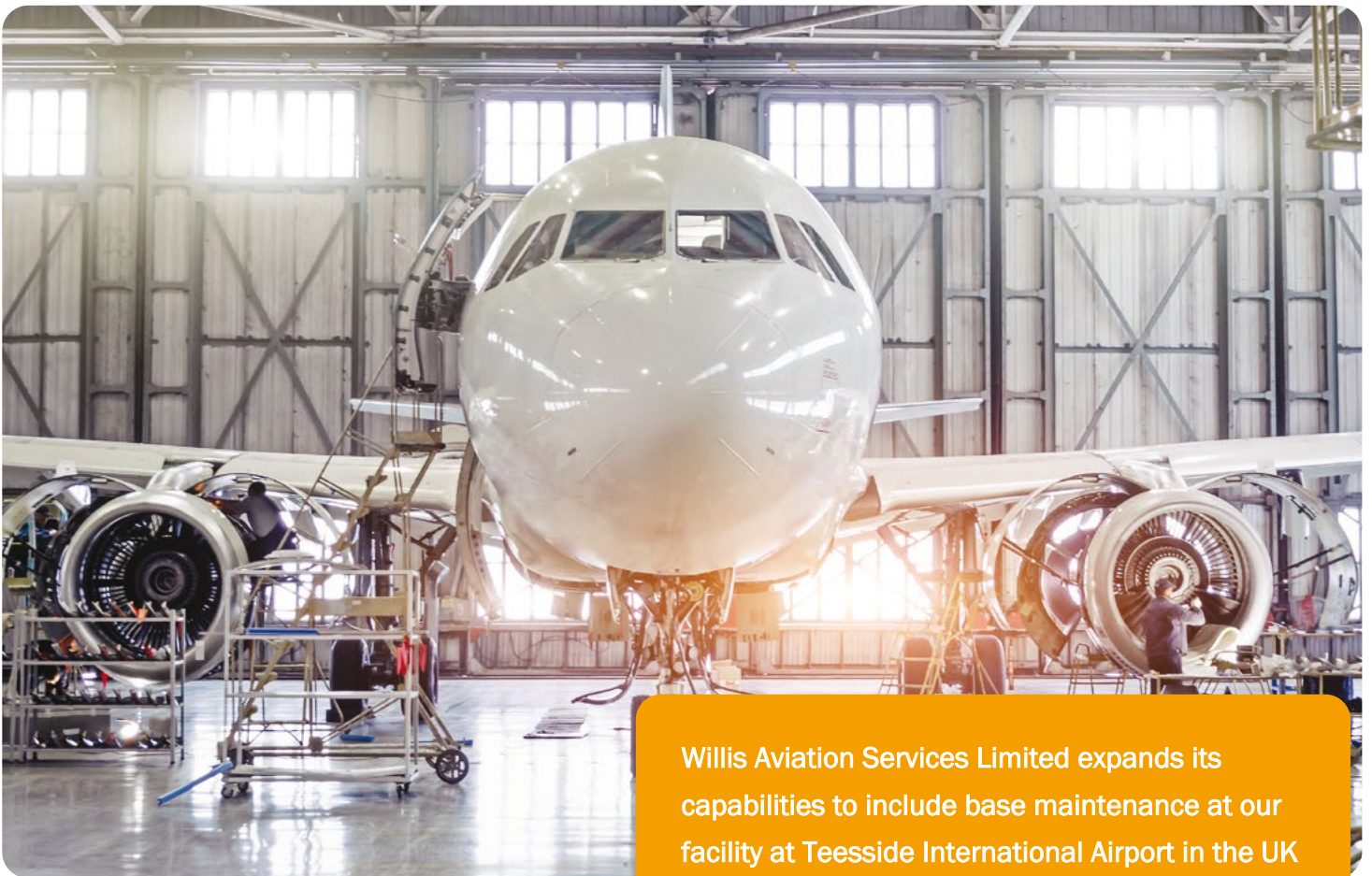
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AIRCRAFT & ENGINE NEWS

Airbus unveils PioneerLab, the new twin-engine technology demonstrator



Airbus has unveiled PioneerLab as its new twin-engine flying laboratory
© Airbus Helicopters

During the German National Aviation Conference in Hamburg, Airbus Helicopters unveiled the PioneerLab, its new twin-engine technology demonstrator based on the H145 platform. It complements Airbus' range of FlightLabs and focuses on testing technologies that reduce helicopter emissions, increase autonomy and integrate bio-based materials. The PioneerLab aims to demonstrate a fuel reduction of up to 30% compared to a conventional H145, thanks to a hybrid-electric propulsion system and aerodynamic improvements. Aboard the demonstrator, Airbus Helicopters will also flight-test structural components made from bio-based and recycled materials, which aim to reduce the environmental footprint across the entire aircraft life cycle. The company intends to produce the new parts using processes that reduce material and energy consumption and improve recyclability. Further research activities will include the integration of the latest digital technologies into the aircraft's flight control system and associated sensors to increase autonomy and safety during critical flight phases such as take-off and landing. PioneerLab is partially co-funded by the BMWK, the Federal German Ministry for Economic Affairs and Climate Actions through its national

research programme LuFo. Airbus Helicopters' FlightLabs provide agile and efficient test beds to quickly test technologies. They are part of the company's strategy to bring incremental innovation to improve its current products and as well as to mature technology for future platforms. The PioneerLab's flight campaign has already begun at the manufacturer's largest German site in Donauwörth, with a rotor strike alerting system being the first techno-brick tested on board the demonstrator. The next phase will be to test an automated take-off and landing system.

Air France-KLM Group plans to order 50 Airbus A350-family aircraft

The Air France-KLM Group has unveiled its plan to modernise and optimise its long-haul fleet, aiming to enhance both environmental and economic performance. Under this significant group order, Air France-KLM intends to acquire 50 Airbus A350-900 and A350-1000 aircraft, along with purchase rights for an additional 40 aircraft. The initial deliveries are anticipated between 2026 and 2030. This procurement represents a flexible approach, enabling the Group to strategically allocate aircraft among its various airlines, taking into consideration market dynamics and local regulatory requirements. Benjamin Smith, CEO of Air France-KLM, expressed, "This forthcoming order marks a pivotal moment in our fleet rejuvenation strategy. The Airbus A350 is a cutting-edge aircraft that has garnered favour among passengers and crew at Air France since its introduction in 2019. It aligns seamlessly with our network requirements and offers exceptional performance attributes: reduced noise, enhanced fuel efficiency, and improved cost-effectiveness compared to earlier generations. It will play a vital role in our commitment to achieving ambitious sustainability goals, including a 30% reduction in CO2 emissions per passenger kilometre by 2030." These newly ordered aircraft will replace older-generation planes, specifically the Airbus A330 and aging Boeing 777 aircraft. It's important to note that this order is in addition to Air France-KLM's existing order for 41 Airbus A350-900s for Air France, with 22 of them already delivered. Furthermore, the Group is set to be one of the inaugural customers of the Airbus A350 Full Freighter version, having placed an order for eight aircraft to modernise and expand its cargo fleet. With a cumulative order for up to 99 aircraft, Air France-KLM is poised to become the world's largest operator of the A350 family of aircraft.



The Air France-KLM Group revealed its plans to accelerate the renewal of its long-haul fleet
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AIRCRAFT & ENGINE NEWS

Global Airlines to accelerate A380 entry into service programme

In a noteworthy operational milestone, Global Airlines and Hi Fly, the largest Airbus wide-body aircraft wet-lease specialist, have formalised a partnership agreement to jointly undertake the development and maintenance of the four A380 aircraft that Global Airlines has committed to procuring. Hi Fly, which was first to operate the A380 in the secondary market, will use its extensive experience of the aircraft, to work with Global on not only preparing it for service, but on helping the new carrier realise its ambition to provide customers with the best way to fly on commercial services, as it prepares for operations. The short-term focus for both organisations is the EIS and Return to Service (RTS) processes for Global's first aircraft, expected to commence in the months ahead. However, both companies will explore further ways to broaden their collaboration, united by a passion for the aircraft and a shared belief in its enduring potential and appeal. James Asquith, CEO and Founder of Global Airlines said: "This announcement has been a long time in the making, and I've said from the start, we at Global want to work with the best, most experienced partners and Hi Fly is exactly that. The great news for us is that the team at Hi Fly know the A380 inside-out and will be invaluable in helping us with their industry knowledge around the maintenance and technical acceptance required for our first aircraft – all crucial steps before work begins on introducing our new interiors and other vital elements of the Global service and passenger proposition." Global Airlines was launched in 2023 with an aspiration to offer passengers the best way to fly. The airline is a wholly owned subsidiary of Holiday Swap Group and headquartered in London, United Kingdom. The airline is led by CEO James Asquith and backed by aviation experts and investors around the world. The airline has commenced an aircraft acquisition programme with four A380s secured.



Global Airlines and Hi Fly have formalised a partnership agreement to jointly undertake the development and maintenance of four A380 aircraft
© Global Airlines

New regional airline flyvbird progresses with 'flyvAI' prototype



Flyvbird's first aircraft will be the nine-seat Tecnam P2012 Traveller

© flyvbird

flyvbird, Europe's new low-cost, on-demand regional airline model, has confirmed the creation of its flyvAI prototype, featuring proprietary algorithm and software architecture. It has been developed in collaboration with customised software development company, the start-up House of Poland, working in close collaboration with flyvbird's CEO Anton Lutz. The system will now be fine-tuned over the next six to nine months. The algorithm prototype pools travel demands from customers – marrying them with available city pairs and routes. Passengers can determine an itinerary based on 'constraints' – i.e., whether they are prepared to take stops en-route to their chosen destination, because doing so will reduce the ticket price. More flexibility with the itinerary will enable flyvbird to distribute a price-sensitive model to its customers. "This is a significant milestone in our devel-

opment," said CEO Anton Lutz. "Using this proprietary software, we hope to deliver high standards in efficiency, convenience, and environmental sustainability for regional air mobility." flyvbird is committed to its vision of enhancing connectivity in rural areas of Europe - all utilizing smaller, more accessible airports. Its first aircraft will be the nine-seat Tecnam P2012 Traveller, with its short runway, rugged performance characteristics. Thereafter, it plans to move into the hybrid-electric Electra, when infrastructure to support next-generation aircraft becomes available. Flyvbird signed a Letter of Intent (LoI) with the US manufacturer Tecnam for up to 100 aircraft in June 2023. "We haven't determined our full future fleet yet, but we plan to keep loyal to the Tecnam Traveller P2012 for a long time. It's right sized, offers excellent performance with good economics and is perfect to get distributed in new networks and scale-up. It's all about unit economics and technology," said Anton Lutz, speaking at World Aviation Festival 2023 in Lisbon on September 28. Initially, flyvbird will focus on six initial airports with three aircraft. "We ask the algorithm what it can do – to help us to generate 72 connections for example, considering passengers' needs flying on a route (including whether they will accept a stop). Once fine-tuned we skip into the second year with seven aircraft, enabling 85 connections. And once that's happening, we can escalate and open all our airports in between, because then we will understand our customers, and fly non-stop flights," explained Anton Lutz.

AIRCRAFT & ENGINE NEWS

Air Canada continues fleet renewal programme with order for 18 new Boeing 787-10 Dreamliners

Air Canada has confirmed it has signed a firm order with Boeing Co. for 18 brand-new 787-10 Dreamliner aircraft, with the option for a further 12 units at a later date. Deliveries are expected to begin in the fourth quarter of 2025 and continue through to the first quarter of 2027. These new aircraft will replace the currently ageing and less fuel-efficient wide-body jets in the current Air Canada Fleet. "Air Canada has made investing in the passenger experience a core priority. Our experience shows customers greatly enjoy flying on the Dreamliner, so we are pleased to offer them a larger version of this popular aircraft, which will premiere a new, state-of-the-art interior cabin design. As importantly, the 787 is highly fuel efficient and will generate operational savings as well as support our sustainability goals of reducing emissions," said Michael Rousseau, President and Chief Executive Officer of Air Canada. At the moment, Canada's flag carrier operates 30 787-9 and eight 787-8 variants of the Dreamliner, with two additional 787-9 aircraft due for delivery from a previous order. The 787-10 is the largest model of the Dreamliner family and is able to carry over 330 customers based on the seat configuration and has 175 cubic metres (6,187 cubic feet) of cargo volume. According to Boeing, the 787-10 has up to 25 per cent lower fuel emissions per seat than the aircraft it will be replacing. The acquisition of the new aircraft is part of an ongoing fleet renewal programme at Air Canada, with the airline continuing to take delivery of new Airbus A220 aircraft, as well as plans to acquire 28 extra-long range (XLR) versions of the Airbus A321neo aircraft, also starting in 2025. In addition, as previously announced, Air Canada has finalised a purchase agreement for 30 ES-30 electric-hybrid aircraft under development by Heart Aerospace, which are due to enter into service in 2028.

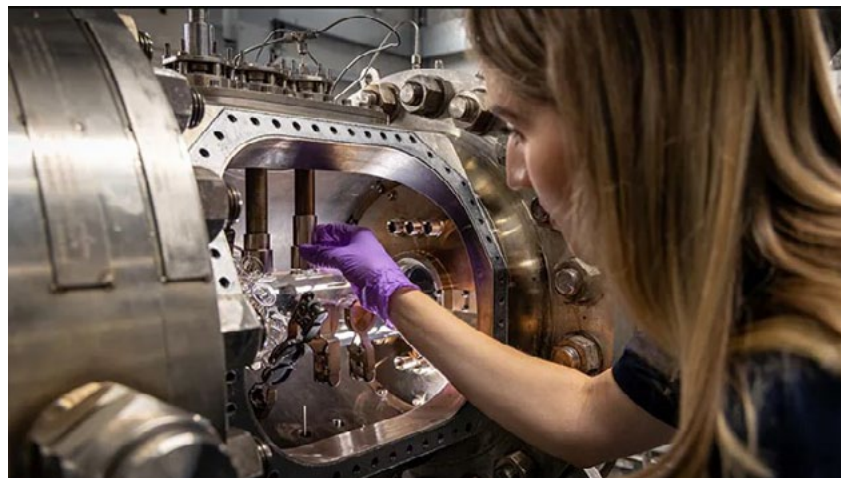


Air Canada has signed firm orders for 18 Dreamliners and 12 options

© Air Canada

MRO & PRODUCTION NEWS

Rolls-Royce achieves next milestone in hydrogen research project



Hydrogen testing at Loughborough University

© Rolls-Royce

Both Rolls-Royce and its partner easyJet are committed to being at the forefront of the development of hydrogen combustion engine technology capable of powering a range of aircraft, including those in the narrow-body market segment, from the mid-2030s onwards. Now, working with Loughborough University in the UK and the German Aerospace Centre Deutsches Zentrum für Luft-und Raumfahrt (DLR), Rolls-Royce has proven a critical engine technology that marks another significant step in the journey to enabling hydrogen as an aviation fuel. Tests on a full annular combustor of a Pearl 700 engine at DLR in Cologne running on 100% hydrogen have proven the fuel can be combusted at conditions that represent maximum take-off thrust. Key to that achievement has been the successful design of advanced fuel spray nozzles to control the combustion process. This involved overcoming significant engineering challenges as hydrogen burns far hotter and more rapidly than kerosene. The new nozzles were able to control the flame position using a new system that progressively mixes air with the hydrogen to manage the fuel's reactivity. Rolls-Royce is pleased to confirm that combustor operability and emissions were both in line with expectations. The individual nozzles were initially tested at intermediate pressure at Loughborough's recently upgraded test facilities and at DLR Cologne before the final full-pressure combustor tests took place at DLR Cologne. Last year, easyJet and Rolls-Royce also set a world first by successfully running a modern aero engine, an AE2100, on green hydrogen at Boscombe Down, UK. These recent tests mean the combustion element of the hydrogen programme is now well understood, while work continues on systems to deliver the fuel to the engine and integrate those systems with an engine.

MRO & PRODUCTION NEWS

J&C Aero completes cabin modification of Ukraine's presidential Airbus A319



Ukraine's Airbus A319 CJ

© J&C Aero

J&C Aero, an end-to-end aircraft cabin interior solutions provider, has recently completed a major refurbishment project under which it provided cabin modification and renewal services for state air company "Ukraine". The company operates a state-owned Airbus A319 Corporate Jet used for the air transportation of the President of Ukraine. During the project, J&C Aero engineers developed design changes required for the integration of a new In-Flight Entertainment (IFE) system and upgrade of the aircraft's Cabin Management System (CMS). Prior to the installation, J&C Aero also successfully secured EASA-certification of the executive cabin modifications under J&C Aero's new STC (#10082618). The company's team also mediated the supply of KA-BAND Satcom's navigation system and supported its subsequent installation on the aircraft. In addition, J&C Aero completed a full refurbishment of the aircraft's interiors, including fabric covering, executive seating and divans, interior veneer, carpets and laminates, as well as other cabin parts. The renewed cabin elements were produced in-house by J&C Aero while installation and maintenance works were delivered by Magnetic MRO at Tallinn Airport (TLL) under J&C Aero-developed Maintenance Instructions. "Without a doubt, it was one of our most complex and ambitious projects. Being not only an Airbus Corporate Jet but also an aircraft used for the transportation of the head of state, this Airbus A319 required particular attention to details, flexibility in solving challenges and, of course, full discretion. It was a privilege for us to contribute to the renewal of the aircraft. We are thankful to the state air company "Ukraine" for the trust and to our partners at Magnetic MRO for their support in this project.

Lion Air Group and ST Engineering sign maintenance contract

ST Engineering's commercial aerospace business has signed a five-year contract to provide LEAP-1B MRO (maintenance, repair and overhaul) solutions for Lion Air Group's fleet of Boeing 737 MAX aircraft. This makes Lion Air Group a launch customer for ST Engineering's LEAP-1B MRO services, following ST Engineering's inclusion in CFM International's CFM Branded Service Agreement (CBSA) LEAP MRO network in March of this year. Under the multi-year agreement, ST Engineering will exclusively support the MRO needs of all 36 LEAP-1B engines that power Lion Air Group's existing fleet of Boeing 737 MAX aircraft under its carriers, including Lion Air, Batik Air, Batik Air Malaysia and Thai Lion. This agreement is in addition to an existing longstanding MRO support partnership for Lion Air Group's CFM56-5B/7B engines. As the first independent MRO provider in Asia to join CFM International's authorised LEAP MRO network, ST Engineering is able to deliver the full range of solutions for LEAP-1A and LEAP-1B engines used in new-generation aircraft like the Airbus A320neo and Boeing 737 MAX. ST



LEAP-1B engine

© ST Engineering

Engineering's solutions for LEAP engines include engine overhaul, proprietary parts repair technology, engine pooling and leasing. It is currently providing quick-turn services for LEAP engines at its facility in Singapore and expects to achieve test capability for the LEAP-1B and -1A by late 2023 and early 2024 respectively, with full performance restoration shop visit capability for both engines by early 2025.

MRO & PRODUCTION NEWS

SPI marks 2,000th aviation asset recovery

Chicagoland-area aviation firm sage-popovich, inc. (SPI) has recently completed its 2,000th aviation asset recovery with the return of a Bombardier CRJ700 from an East Coast airport. This new milestone marks an important achievement for the 44-year-old company as it continues its transition toward a new generation of leadership. The company's current president, Petar Todorovic, continues SPI's proud tradition of solutions-oriented services for clients and looks forward to the next chapter of growth for the firm. Founded in 1979, SPI holds the distinction of being the world's largest company specializing in the valuation of aviation spare parts. SPI offers aviation consulting, asset management, valuations, liquidations, and support for aircraft, engines, spare parts, tooling, and ground support equipment (GSE). The company conducts its operations from the Gary/Chicago International Airport. "The recovery of our 2,000th aircraft represents more than 2,000 complex problems resolved for our clients. It's much more than just the recovery of property. For many of the entities we serve, these recoveries mark the end of long and arduous challenges. I can say that on behalf of our entire staff, there's no greater feeling than delivering peace of mind to our customers," Todorovic said. Commenting on the current economic climate's impact on SPI's business, Todorovic said that 2023 has brought about a bit of an increase in demand for the company's services. The company also has plans in the works to provide even more value for aviation owners.



SPI has completed its 2,000th aviation asset recovery

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P&W expands Eagle Services Asia, Singapore to bolster GTF fleet support



P&W plans to expand Eagle Services Asia (ESA), its engine centre in Singapore

© P&W

Pratt & Whitney (P&W) has unveiled its plans to expand Eagle Services Asia (ESA), its engine centre in Singapore. This significant 48,000-ft² expansion will enable ESA to increase its current facility capacity by two-thirds. Shangari Meleschi, Vice President of Aftermarket Operations – Asia Pacific and Türkiye, emphasized, "Pratt & Whitney is making strategic global investments to bolster support for the GTF fleet. As part of this expansion, we will be ramping up staffing and conducting extensive training to ensure we are fully prepared to meet the rising demand. Our unwavering commitment is to preserve our customers' trust as we navigate the challenges posed by the GTF fleet management plan." In 2019, Eagle Services Asia successfully initiated its first PW1100G-JM engine overhaul. ESA, a joint venture between SIA Engineering Company and Pratt & Whitney, is an integral member of the Pratt & Whitney GTF™ MRO network,

which includes some of the industry's foremost MRO companies. Since 2019, the GTF MRO network has undergone remarkable growth, more than doubling in size. Presently, there are 13 active GTF MRO engine centres operating worldwide, with an additional six slated to come online by 2025. This extensive network is an integral component of Pratt & Whitney's EngineWise® solutions, offering engine operators a comprehensive suite of aftermarket services designed to deliver enduring, sustainable value.

MRO & PRODUCTION NEWS

GKN Aerospace's Malaysian facility earns key certifications

GKN Aerospace's engines parts repair facility in Johor, Malaysia, has achieved several significant certifications, solidifying its position as a leader in the aerospace industry. The facility has received official approvals from prominent international airworthiness authorities, including the Civil Aviation Administration of China (CAAC), the Civil Aviation Authority of Singapore (CAAS), and the Civil Aviation Authority in the UK (CAA). Furthermore, obtaining Original Equipment Manufacturer (OEM) qualification for the PWAEI V2500 fan blades and CFM56-5B and CFM56-7 fan blades marks another pivotal achievement. The Malaysian site is set to serve as a centre of excellence for repairing engine low-pressure compressor (LPC) components for CFM56-5B, CFM56-7, and V2500 engines. It will complement GKN Aerospace's existing component repair facility in El Cajon, California. Additionally, in collaboration with other GKN Aerospace sites and local universities, the Johor facility will conduct research into the application of additive manufacturing technology in engine parts repair. With approximately 110 employees currently working at the facility, GKN Aerospace anticipates robust growth in both capabilities and staff in the coming years. The company has invested US\$30 million (£24 million) in the facility, along with state-of-the-art equipment and technologies, to better support its customers in the Asia-Pacific region. Doug Ramey, Sales and Commercial Director at GKN Aerospace commented: "I am extremely proud of our team - both those based here in Malaysia and our global parts repair colleagues - who have worked very hard, with great skill and dedication, to achieve this recognition. We have invested in the site, and we have injected the latest automated manufacturing technology. With this international certification, we are now

ST Engineering and Quickstep form partnership to provide nacelle MRO solutions

ST Engineering's Commercial Aerospace business and Quickstep Holdings (Quickstep) have entered into a partnership to bring together their complementary capabilities to service the region out of facilities in Australia. Under the partnership, ST Engineering and Quickstep will establish a regional nacelle pool in Australia that can service a wide range of Airbus and Boeing aircraft platforms. Quickstep will conduct the day-to-day operations for the services at its



Contract signing between Quickstep and ST Engineering © Quickstep

aerospace manufacturing and MRO facilities in Australia, which include a 16,000 m² composite manufacturing plant at Bankstown Airport in Sydney and an MRO facility at Melbourne Airport. ST Engineering will leverage its MRO capabilities in nacelles and aero structures to provide the necessary engineering support and help Quickstep enhance its operational delivery, quality and nacelle capabilities especially for new-generation aircraft to better meet customers' needs. Goh Poh Loh, Executive Vice President and Head of Component Services at ST Engineering, said, "This is a significant partnership that will help ST Engineering establish a nacelle MRO presence in Australasia to better support our customers in the region. By pooling the resources and expertise of ST Engineering and Quickstep in Australia, the partnership will benefit airline operators which can look forward to shorter lead times and savings in overall logistics cost during servicing." Mark Burgess, Quickstep Managing Director and CEO said, "ST Engineering is one of the world's most well-regarded aerospace businesses, Quickstep has a unique and growing capability footprint in Australia, the partnership between these two companies will offer regional airlines a range of services they have not benefitted from before. Our joint solution also promises to offer significant reductions in carbon emissions as the industry works toward net zero. We are delighted to announce this partnership and look forward to a strong growth outlook for both companies in the Australasia market." Recognised worldwide for its hallmark component MBH™ programmes, ST Engineering supports more than 1,000 aircraft and provides integrated component solutions for over 23,500 unique aircraft parts. ST Engineering is also the authorised service centre to over 20 leading OEMs. Its Commercial Aerospace business provides round-the-clock support and delivers more than 80,000 components annually from its component MRO facilities located in Asia and Europe. Its global nacelles MRO services currently operate out of facilities located in the U.S., Asia and Europe.

ready to support even more customers in the region and accelerate our growth."

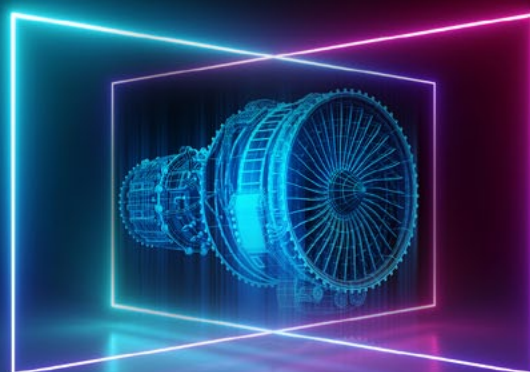
Embraer signs pool programme agreement with Scoot

Embraer has signed a pool programme services agreement with Singaporean low-cost airline

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MRO & PRODUCTION NEWS

Scoot, to support the carrier's incoming fleet of nine E190-E2s. The pool programme provides access to component exchanges and repair services for more than 300 repairable parts to support Scoot's Embraer aircraft, allowing the airline to minimise its upfront investment in high-value repairable inventories and resources, while taking advantage of Embraer's technical expertise along with its vast component repair service provider network. Currently, the pool programme supports more than 60 airlines worldwide. Ng Chee Keong, COO, Scoot said "This strategic arrangement with Embraer will minimise maintenance delays for the E190-E2, essentially boosting operational readiness." Carlos Naufel, President & CEO, Embraer Services & Support said "Working hand in hand with Scoot, we are gearing up for the E190-E2 entry into service next year. We are leveraging on Singapore's solid aviation ecosystem, and we look forward to Embraer's modern, fuel-efficient E190-E2 take the skies in Scoot's livery." The first batch of E190-E2s will be delivered to Scoot in 2024. In addition to the pool programme, Scoot's operations will benefit from the AHEAD (Aircraft Health Analysis and Diagnosis) which comprises early detection capabilities for critical systems, reducing technical interruptions and avoiding flight cancellations, the eSight, with real-time fleet performance monitoring. The E-Jets E2 family of aircraft, including the E190-E2 has the longest maintenance intervals in the single-aisle jet category – with 10,000 flight hours for basic checks and no calendar limit for typical E-Jet operations. This enables the aircraft to be operated with minimal downtime

Cebu Pacific and LHT enter CFM56-5B engine maintenance partnership

Cebu Pacific, one of the leading low-cost carriers in Asia Pacific region, and Lufthansa Technik AG (LHT) have signed an engine maintenance services contract. Under the new contract, Lufthansa Technik will provide maintenance, repair and overhaul (MRO) services for three of Cebu Pacific's CFM56-5B engines alongside with Cyclean® engine wash and aircraft transition services (ATS) for two A320ceo aircraft. Cebu Pacific Vice President of Engineering & Fleet Management, Shevantha Weerasekera commented: "Lufthansa Technik has given us the confidence that our aircraft will be well taken care by the world's best engine repair service provider. With the robust expansion plan on increasing the leasing of the A320ceo and A320neo fleet size and international routes to more countries, we need a trustworthy partner to achieve the milestones for success together. We look forward to being fully supported through this partnership."

Honeywell expands partnership with APACS on repairs and spare parts

At MRO Asia-Pacific 2023, Honeywell and Asia Pacific Aircraft Component Services (APACS), a subsidiary of SIA Engineering Company (SIAEC) and joint venture with SR Technics Switzerland, reaffirmed their long-term partnership with the announcement of additional Honeywell licences awarded to



Honeywell and APACS reaffirmed their long-term partnership at MRO Asia-Pacific 2023 © Honeywell

APACS. These licenses enable APACS to perform repair activities on Honeywell's Air Data Inertial Reference Unit (ADIRU) and Pre-Cooler Control Valve (PCCV) products and to explore associated material supply opportunities. The first license encompasses a ten-year programme, allowing APACS to perform repairs on Honeywell ADIRU products for Airbus aircraft. This complements the license granted to APACS last year for Honeywell ADIRU products for Boeing aircraft. The second license is a seven-year repair and material supply programme, which enables APACS to perform repair activities for Honeywell PCCV products utilised in Boeing 737 aircraft. Both of these programmes also enable both parties to explore sales opportunities for spare parts across various aircraft types. The ADIRU is a key component of the integrated Air Data Inertial Reference System (ADIRS), which supplies air data (airspeed, angle of attack and altitude) and inertial reference (position and attitude) information to the pilots' electronic flight instrument system displays as well as other systems such as the engines, autopilot, aircraft flight control system and landing gear systems. The PCCV controls the amount of fan cooling air that flows through the pre-cooler, resulting in a controlled bleed air outlet temperature.

MTU Maintenance Hannover completes 10,000th shop visit



MTU Maintenance Hannover has achieved a historic mark of 10,000 completed shop visits © MTU Maintenance

MTU Maintenance Hannover, a global leader in customised MRO solutions for aero engines, has achieved a historic mark of 10,000 completed shop visits at its Langenhagen location in Germany, nearly half of the over 22,000 shop visits completed by the MTU Maintenance network. MTU Maintenance Hannover redelivered a GE90-110/115B engine to DHL Network Operations, the courier service's United States-based aircraft operations with whom the MRO service provider has an exclusive fly-by-the-hour (FBH)

contract for that engine model. DHL's Vice President of Fleet Management, Edward Jung, said that operating a fleet of 80 engines requires tailor-made services with many variables, for which MTU Maintenance, with its expertise and agility, is perfectly suited. "DHL operates in a demanding business environment and having MTU as our MRO partner makes us confident that we can run our operations smoothly," said Jung. "We congratulate everyone on this milestone." MTU Maintenance Hannover is MTU Aero Engine's original MRO location and has been the centrepiece of the MTU Maintenance group since its foundation in 1979, with a focus on medium- and large-size commercial engines. More than 2,400 engine experts conduct close to 400 shop visits a year and the facility is MTU's centre of excellence for high-tech repairs, continuously developing novel repair techniques. In recent years, it has expanded its workshop area by 27,000 m² in order to accommodate an increase in future demand for capacity.

MRO & PRODUCTION NEWS

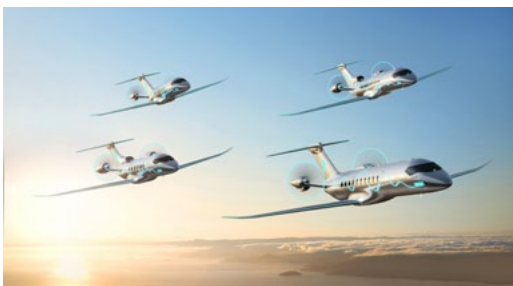
Spirit AeroSystems, VAECO sign agreement for MRO services in Vietnam

Spirit AeroSystems has signed a maintenance, repair and overhaul service agreement through its subsidiaries with Vietnam Airlines Engineering Limited Company (VAECO) at the MRO Asia-Pacific Exhibition in Singapore. Established in 2009, Vietnam Airlines Engineering Limited Company (VAECO), with 2,500 workers, is the largest and most experienced aircraft maintenance service provider in Vietnam. The company, a subsidiary of the Vietnamese flag carrier, Vietnam Airlines, is headquartered in Hanoi and runs two branches in Da Nang and Ho Chi Minh City, providing services to all airports in Vietnam. Currently, VAECO operates six hangars equipped with modern docking systems, aircraft parking, spare part warehouses, and ground support equipment to carry out maintenance activities for multiple aircraft at the same time. With the target of becoming a leading MRO provider in APAC, the expanded capabilities and excellence in operation enable VAECO to target the demands of worldwide customers. With the Spirit agreement, VAECO will achieve its long-term growth ambitions. Spirit AeroSystems Aftermarket Solutions has grown at over 20% in recent years. With the VAECO agreement, Spirit Aftermarket will now have 11 wholly owned, joint-venture or authorised repair centres around the world: in United States of America, Northern Ireland, Morocco, Jordan, India, China, Malaysia, Vietnam and Taiwan. In addition, Spirit has a strategic agreement with ST Engineering to serve select countries in the Middle East region.

EngineStands24 expands global footprint with new hub in Singapore

EngineStands24, a subsidiary of the renowned global aviation solutions provider, Magnetic Group, has announced its upcoming expansion with the launch of a new engine stand hub in Singapore. This strategic move, in partnership with Singapore logistics company TALA Singapore powered by Global Airfreight Int'l, is set to enhance EngineStands24's presence in the Asia-Pacific region and reinforce its commitment to serving the aviation industry. The hub will cater to the growing demand for engine stands and support aircraft operators and lessors across the region. Singapore's central location and reputation make it the ideal choice for EngineStands24's expansion. This move aligns with the company's long-term global growth strategy and will allow it to efficiently serve its valued customers in the Asia-Pacific area. The new hub will initially stock engine stands for narrow-body aircraft engines, including models such as the CFM56-5A/B, CFM56-7B, and V2500.

American Airlines teams up with Embraer's Energia Advisory Group



American Airlines joins Embraer's Energia Advisory Group
© Embraer

Embraer, the Brazilian planemaker, has announced that American Airlines has signed an MoU with the company to team up with its Energia Advisory Group, an experienced and knowledgeable team of airlines, lessors, suppliers and additional aviation experts advising Embraer on its future development of sustainable aircraft. The MoU with Embraer will see the companies combine resources to define and establish the real-world requirements

for sustainable, emission-free and commercially viable aviation. American Airlines is seen as a recognized leader in the push for sustainable flight and was named 2023 Eco-Airline of the Year by Air Transport World. American Airlines also operates the youngest mainline fleet and has the biggest regional fleet among U.S. network carriers. In 2022 the North American carrier consumed more than two million gallons of sustainable aviation fuel. It has also invested in the development of hydrogen-powered propulsion and infrastructure. American Airlines will work with the advisory group and Embraer to help define performance and design requirements for its four Energia concept aircraft. These aircraft, ranging from 9-to-50 seats, will use a variety of electric, hydrogen and hybrid propulsion technologies. "We are delighted to work with Embraer to help develop Energia concept aircraft," said Jill Blickstein, Vice President of Sustainability at American. "As the operator of the largest U.S. regional fleet, we believe industry collaborations aimed at advancing decarbonisation technologies are critical to helping aviation reach its goal of net-zero emissions by 2050. We look forward to working with Embraer and the other members of the Energia Advisory Group to develop next generation, zero-emission aircraft." "It's essential for Energia's success that we involve a wide variety of air operators. American joining our advisory group, with their huge presence and expertise, is a significant step for the Energia project," said Arjan Meijer, President and CEO Embraer Commercial Aviation. "This group has developed into a core part of the program because of the breadth and depth of the expertise the different members bring to the table. We're excited to work together with a world leading airline on the biggest challenge our industry faces."

Philippine Airlines signs new maintenance agreement with Joramco



Philippine Airlines and Joramco have signed new maintenance agreements regarding the carriers B777 fleet © AirTeamImages

Amman-based MRO provider Joramco has signed a new maintenance agreement with Philippine Airlines. This agreement, which came into effect in September 2023, was signed at the MRO Asia Pacific 2023 conference and exhibition, where the company had its own booth. This serves as an extension of the previous cooperation, which began in June 2023 and resulted in the successful delivery of three Boeing 777 aircraft. It included longeron modifications, removal and installation of landing gears and maintenance work. The new agreement includes servicing and modifications to five additional aircraft in the Philippine Airlines fleet, specifically the Boeing 777.

MRO & PRODUCTION NEWS

EngineStands24 plans to expand its offerings to include a comprehensive range of wide-body aircraft engine stands in the near future. This expansion marks a significant milestone for EngineStands24, as it will be the company's sixth location and its first in the Asia region.

ST Engineering increases MRO support for Japan Airlines

ST Engineering's Commercial Aerospace business has secured multi-year contracts to provide Japan Airlines with its component Maintenance-By-the-Hour (MBH™) solutions, strengthening a longstanding relationship with the airline in integrated MRO support. Under a multi-year contract which first commenced in June 2018 and renewed in July 2023, ST Engineering will continue to provide Japan Airlines' Boeing 737-800s with a full suite of component solutions covering component pooling, repair and overhaul, modification, component health monitoring and logistics services. This renewal contract adds to the other MRO work that ST Engineering is already carrying out for Japan Airlines. Besides Boeing 737-800, ST Engineering is also supporting Japan Airlines' Boeing 787 fleet under an ongoing component MBH™ programme, as well as providing airframe line and heavy maintenance solutions to its Boeing platforms. Under a new multi-year contract, which commences in April 2024, ST Engineering will provide a comprehensive suite of component solutions to a fleet of A321 Passenger-to-Freighter (P2F) aircraft undergoing conversion by the group. These A321P2F aircraft will be operated by Spring Japan, a subsidiary of Japan Airlines.

FINANCIAL NEWS

Qantas Group boosts investments, sees strong travel demand

In a bold move to address customer concerns and elevate service quality, the Qantas Group is investing an additional AU\$80 million into customer improvements for FY24, supplementing the previously allocated AU\$150 million. This investment will be funded directly from profits and will tackle various customer 'pain points.' Initiatives include bolstering contact centre resources and training, expanding seat availability for Frequent Flyer points redemption, enhancing support during operational disruptions, reviewing long-standing policies for fairness and refining in-flight catering quality. The Group is also accelerating ongoing projects, such as the re-platforming of the Qantas app, with more details to follow in the coming weeks. The Qantas Group reports a

LHT and PAL sign contract covering maintenance of CFM56-5B engines



Lufthansa Technik will maintain the CFM56-5B engines of PAL's fleet of A320neo aircraft

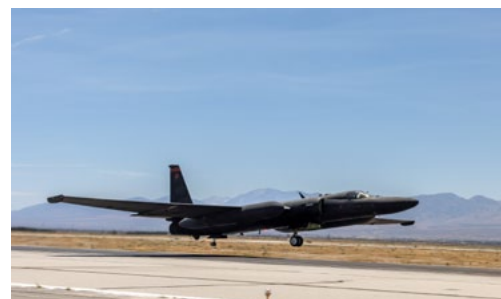
© PAL

The Philippines' flag carrier PAL and leading MRO provider Lufthansa Technik (LHT) have recently signed a three-year contract regarding the maintenance of eight CFM56-5B engines of the airline's A320neo fleet, effective in 2024. In addition to the existing agreements in Total Component Support (TCS) for PAL's Boeing 777 fleet as well as Base Maintenance Services (BMS) with Lufthansa Technik's subsidiary on the Philippines, the Manila-based airline has decided to renew its partnership with Lufthansa Technik in the area of engine maintenance services in the recognition of the MRO provider's demonstrated track record. With the state-of-the-art facilities and experienced team of engineers and technicians, Lufthansa Technik is well-equipped to deliver efficient and high-quality engine maintenance services, minimising downtime and maximising fleet performance.

MILITARY AND DEFENCE

Lockheed Martin conducts first flight in U-2 avionics tech refresh

Lockheed Martin Skunk Works®, in partnership with the U.S. Air Force, has completed the first flight of the U-2 Dragon Lady's Avionics Tech Refresh (ATR) programme. The successful first flight tested the new advanced capabilities aboard the U-2 as part of the ATR contract, including an updated avionics suite (communications, navigation, display, etc.) that modernises the U-2's onboard systems to readily accept and use new technology, a new mission computer designed to the U.S. Air Force's open mission systems (OMS) standard that enables the U-2 to integrate with systems across air, space, sea, land and cyber domains at disparate security levels, as well as new modern cockpit displays to make pilot tasks easier, while enhancing presentation of the data the aircraft collects to enable faster, better-informed decisions. During this mission the aircraft successfully performed a low-altitude functional check flight to integrate new avionics, cabling and software. "The successful first flight of the U-2 Avionics Tech Refresh is a significant moment in our journey to rapidly and affordably field new capabilities," said Sean Thatcher, U-2 Avionics Tech Refresh program manager at Lockheed Martin Skunk Works.



A U-2 Dragon Lady takes off for the first flight of the Avionics Tech Refresh program in Palmdale, California © Lockheed Martin

"Leveraging the platform's open architecture, we're expediting these capabilities needed for the future Joint All-Domain Operations battlespace." The ATR first flight marks a milestone in the U-2's modernisation efforts and its path to be the first fully OMS-compliant fleet. Further testing will solidify a mature software baseline before mission systems are introduced to ensure both functionality and interoperability to meet operational needs. The U-2 ATR contract was awarded by the U.S. Air Force in 2020 and valued at US\$50 million (£41 million).

FINANCIAL NEWS

continued robust travel demand, with the first quarter of FY24 mirroring the strong conditions of the previous quarter in FY23. Over the September/October school holidays and football finals period, Qantas and Jetstar anticipate transporting more than 4 million passengers on nearly 35,000 domestic and international flights—a substantial increase compared to the 3.7 million passengers and 28,000 flights during the same period last year. Survey data confirms that travel remains the top spending priority for Qantas Frequent Flyers in the next six months, demonstrating unwavering customer support for Qantas and Jetstar. Fuel prices have surged by approximately 30% since May 2023, including a 10% spike in August. This increase is attributed to higher oil prices, elevated refiner margins and a weaker Australian dollar. The Group anticipates that, if sustained, this will result in a AU\$200 million rise in its 1H24 fuel expenditure to AU\$2.8 billion after hedging, with an additional AU\$50 million impact due to non-fuel foreign exchange fluctuations. While the Group is currently absorbing these heightened costs, it will closely monitor fuel prices in the coming weeks and consider adjustments that strike a balance between recovering higher costs and maintaining affordable travel in an environment where fares are already elevated. Thanks to new aircraft deliveries and wet-leasing agreements, Qantas and Jetstar plan to increase international capacity by 12 percentage points by the end of the calendar year, equating to nearly 50 extra weekly flights. This expansion includes the resumption of Qantas' Sydney-Shanghai services, the launch of two new routes,

INFORMATION TECHNOLOGY



© Moviation has signed a Letter of Intent to purchase Eve's Urban ATM solution

Eve Air Mobility (Eve) and **Moviation**, South Korea's first Urban Air Mobility (UAM) service provider, have announced the signature of a Letter of Intent to purchase Eve's Urban ATM solution. The software solution will be a key enabler to the implementation and scalability of Urban Air Mobility (UAM) and provides critical traffic management services that will play an essential role in enabling the global UAM market to scale. The agreement comes as Eve's Urban ATM (Air Traffic Management) concept has been adopted as part of Korea's K-UAM Grand Challenge. The Challenge is a phased demonstration program in which Urban Air Mobility (UAM) vehicle safety and traffic management solutions are tested in urban conditions and environments for suitability to support the commercialisation of UAM in 2025. From before take-off to after landing, the urban air environment will count on integrated systems, services and technologies being developed by Eve to enable the safe launch of an efficient and predictable ecosystem to support eVTOL operations alongside many other airspace users. In the future, the advancement of infrastructure and regulation will rely on these network management services to enable autonomous flight. 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 from the ATM systems in Brazil. The company is also continuing to collaborate with regulators, customers air navigation service providers, fleet operators, vertiport developers, airports and other UAM ecosystems stakeholders globally to advance concepts and develop technology to support initial operation and scaling of UAM operations from an ATM perspective.

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FINANCIAL NEWS

Brisbane-Wellington and Brisbane-Honiara, and a new Jetstar route from Brisbane to Tokyo. Both international and domestic capacity for 1H24 remains in line with late August 2023 estimates. The Qantas Group maintains a robust financial position, characterised by healthy debt levels and consistently strong revenue streams. The previously announced on-market share buyback of up to AU\$500 million, initiated on August 24, 2023, is already 10% completed. Shareholder approval will be sought at the upcoming Qantas AGM to expand the headroom for future share buybacks in accordance with the financial framework. (£1.00 = AU\$1.90 at time of publication.)

Portuguese government looks to sell off TAP as it becomes profitable

Portugal's flag-carrying airline, TAP Air Portugal (TAP), has now become profitable and, as a consequence, is being put up for sale by the government. The move comes after the stricken carrier was granted a €3.2 billion bailout in the form of a taxpayer-funded restructuring programme. Portugal's Finance Minister has announced that a minimum 51% stake in the carrier will be up for grabs. While price will be a major consideration, weight will also be given to offers which will see the airline keep Lisbon as its hub and that investment in staff and expansion will also be on the cards. TAP is one of Europe's smaller national airlines yet managed to carry approaching 14 million passengers last year. This was a record for TAP and should be surpassed this year. It also made money in 2022, posting a profit of €65.6 million on revenue of €3.5 billion after four years of losses, according to company financial reports. TAP has over 11,000 staff and 90-plus aircraft flying to more than 80 destinations, mostly in Europe but also in North and South America, especially Brazil, the United States, and Africa. There is likely to be strong interest from established British and European carriers, including Lufthansa, Air France-KLM and International Airlines Group, which combines Spain's Iberia and British Airways among others. Two previous attempts to privatise TAP failed amid financial difficulties and interminable political squabbling over the carrier. Conflicts with trade unions also have plagued the company. Eight years ago, a newly elected Socialist government undid a privatization three months after it took place under a previous administration, demanding that the buyer sell a majority stake back to the state. In 1998, Swissair bought 34% of TAP but the agreement to buy a bigger stake in the company fell apart three years later when the Swiss flag carrier went bankrupt. (£1.00 = €1.15 at time of publication).

INFORMATION TECHNOLOGY

AMROS Group, specialising in Fleet Technical Management and IT solutions within the aviation and aerospace industry, has opened up a new branch in Kuala Lumpur, Malaysia, operating under the name "**AMROS Asia**". The premises are strategically located in Malaysia, adjacent to the aviation and financial hub in Singapore and will serve as the regional contact point of **AMROS Global**. AMROS Asia will deliver cutting-edge solutions from AMROS Global adapted to the specific needs of the local market. "As we open the doors of AMROS Asia, we open new possibilities for our vast and reliable value-adding services in aviation throughout the Asia-Pacific market. We look forward to building strong partnerships in this region, fostering innovation and progress together," said Giuseppe Renga, CEO of AMROS Group. Jeng Nurazrina Booty, Managing Director of AMROS Asia, expressed enthusiasm about the new branch, saying, "AMROS Asia is ready to set new industry standards in the Asia-Pacific market. Our team is dedicated to providing top-tier technical management solutions that combine Swiss excellence with local expertise." AMROS Asia's presence in Malaysia, will build on the Group's position as a reliable partner for airlines and leasing companies in the APAC region. AMROS Asia will offer Fleet Technical Management services, including parts and material support, CAMO services, technical consulting, as well as AMOS consulting services, all underwritten by AMROS Global's commitment to quality and sustainability. Additionally, AMROS Asia is equipped with LISA Aircraft Records Management, which will enable the APAC marketplace to benefit from its unique aircraft records and lease transition management capabilities powered by Artificial Intelligence and Machine Learning.



At the MRO AP, AMROS announced the opening of the AMROS Asia subsidiary branch © AMROS Group

OTHER NEWS



Inside Pan Am's new B747-400 full-flight simulator

© Pan Am

Pan Am Flight Academy, one of Miami's leading centres for aviation training, has announced the successful qualification of its advanced Level D B747-400 full-flight simulator. The former **Thai Airways** simulator is the second Boeing 747-400 owned and operated by the established aviation academy. After multiple upgrades and thorough testing, Pan Am has announced the simulator has been qualified by the **Federal Aviation Administration** (FAA) and is expected to be ready to deliver pilot training starting October 1, 2023. Pan Am's new simulator is equipped with GE CFM 80C2-B1F engines, a new RSI XT5 visual system with Norx projectors, updated TCAS version 7.1 and is fully Change 2 compliant. "At Pan Am we continue expanding and investing in our robust fleet of full-flight simulators and pilot training offering. This second 747-400 comes to meet the demand of our customers" said Jeff Portanova, President of Pan Am Flight Academy. "Our focus is to be able to continue providing our clients with the equipment they need for their training requirements." The addition of a second B747-400 simulator comes to complement a diverse fleet of over 20 full-flight simulators in our Miami training centres. Pan Am Flight Academy provides a comprehensive range of training programmes for commercial pilots, including initial type ratings, upgrade and recurrent training, ATP-CTP, license conversions and multiple specialised courses for aviation professionals. Pan Am Flight Academy is centred on ensuring pilots receive the highest standard of instruction.

INDUSTRY PEOPLE



Christian Scherer

- Airbus is unveiling a transformation in its Executive Committee's leadership structure, creating a dedicated leader to steer the Commercial Aircraft division. The company has announced that

Christian Scherer is to become new Commercial Aircraft business CEO, reporting to Airbus CEO **Guillaume Faury**. "Since 2019, Airbus has overseen both its overall leadership and the Commercial Aircraft division under a single leadership structure, allowing for streamlined coordination and swift decision-making during a period marked by numerous crises and industry shifts. In alignment with our overarching mission of 'Pioneering sustainable aerospace for a safe and united world,' we have charted a clear course for Airbus. Empowering Christian as the CEO of the Commercial Aircraft division will enhance our ability to focus on the triumphs of this segment while affording me the opportunity to concentrate on navigating Airbus through the intricacies of a dynamic and rapidly evolving global landscape," remarked Faury. "Christian and I have collaborated closely for the past five years, and this new arrangement will enable us to continue our productive partnership. I hold Christian's business expertise in high regard, and I am enthusiastic about moving ahead with him to fulfil Airbus' ambitious goals." "It is both an honour and an exciting responsibility to assume the leadership of our Commercial Aircraft business, especially at a pivotal juncture for our industry," noted Scherer. "I am committed to leveraging my passion and that of the entire Airbus team to serve our customers, meet our operational targets, bolster our accomplishments, pursue continuous enhancement, and lay the groundwork for the future of our products and services. Throughout this journey, we will work closely with our global partners and suppliers to jointly advance our roadmap for decarbonizing aviation." Scherer was appointed Airbus Chief Commercial Officer in September 2018 and is a member of the company's Executive Committee. He is also heading Airbus International. He was previously Chief Executive Officer of ATR, a position he held since November 2016. Prior to this, he was Executive Vice-President and Head of Airbus Group International, responsible for driving the overall Airbus Group internationalisation strategy. Born in

Duisburg, Germany and raised in Toulouse, France, Scherer holds an MBA from the University of Ottawa and graduated from the Paris Business School (ESCP) in 1984. This revamped organisational structure will be established in collaboration with the company's labour representatives in the coming months, with a planned implementation date in project mode starting from January 1, 2024.



Clare Brown, Barry Swift

- AJW Group has made significant additions to its executive leadership team with the appointment of **Barry Swift** as Chief Operating Officer (COO) and **Clare Brown** as Senior Vice President (SVP) Finance, further enhancing the company's strategic capabilities and expanding its C-Suite. Barry Swift, COO, is a seasoned professional with an impressive track record, including four years of experience as Senior Vice President of Operations at AJW Group. With expertise spanning multiple sectors, including FMCG, Capital Equipment, Automotive, Defence, and Aviation, he has demonstrated proficiency in operations & supply chain management and the implementation of pioneering supply chain transformation programmes. His primary responsibility will be to provide direct support to the Board and the UK delivery team. Barry will drive the integration of the delivery function within AJW, fostering close collaboration with the operational team at AJW Technique, its world-class MRO facility in Montreal, to optimise in-house capabilities. Clare Brown, SVP Finance, brings with her a wealth of experience, having spent seven years at AJW Group as Finance Director and 25 years in the aviation industry, including a 12-year tenure as Finance Director at Thomas Cook. She will play a pivotal role in managing the company's assets, ensuring financial stability, growth and reinforcing the company's commitment to excellence in financial management and strategic planning.

- Satair, an Airbus Services company, is announcing the appointment of **Richard Stoddart** as its new Chief Executive Officer and Head of Airbus Material Services, effective October 1, 2023. Stoddart joins Satair with a wealth of experience from the Airbus Defence and Space and Commer-



Richard Stoddart

cial Aircraft divisions, where he has led various customer-oriented programmes and most recently headed Airbus' transformation towards a decarbonised future. Satair is a global company and a leader in the commercial aerospace aftermarket. The company supports the complete life cycle of the aircraft with a full and integrated portfolio of flexible, value adding material management products, services and tailored support modules across all platforms. As a key part of Airbus customer services, Satair has exclusive or primary distribution arrangements for aerospace component manufacturers, and supplies parts to multi-fleet customer airlines and MRO companies. It also fulfils the material service support obligation for the in-service fleet of more than 7,000 Airbus aircraft.

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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
(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@ftaiaviation.com	+1 786-785-0777
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-5B3/P	Now - Lease				
(1) CFM56-5B1/P	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(1) CFM56-5B4/3	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	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
(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
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.				
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
(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) GTCP331-200ER, (2) GTCP131-9A, (1) GTCP131-9B (1) A321 Enhanced Landing Gear 2020 OH	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(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 (1) A321 LG Shipset, (4) 767 LG Shipset (1) 777-200 LG Shipset, (2) 737 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
(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 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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