

Weekly Aviation Headline News

WORLD NEWS

Etihad Cargo enhances US cool chain capabilities

Etihad Cargo has enhanced its cool chain capabilities in the US through the expansion of the carrier's network with Worldwide Flight Services (WFS). Customers will benefit from consistent end-to-end cargo services via the carrier's PharmaLife and FreshForward products in addition to the cargo handling facilities and services offered by WFS at Chicago O'Hare International Airport (ORD), John F. Kennedy International Airport (JFK) and Washington Dulles International Airport (IAD). Etihad Cargo recently expanded its network with WFS to incorporate all the carrier's US stations.

Emirates expands SAF partnership with Neste

Emirates and Neste have expanded their partnership by solidifying their collaboration for the supply of over 3 million gallons of blended Neste MY Sustainable Aviation Fuel in 2024 and 2025. The sustainable aviation fuel (SAF), which will be blended with conventional jet fuel, will be supplied over the course of 2024 and 2025 for Emirates' flights departing from Amsterdam Schiphol and Singapore Changi airports. Emirates' expanded partnership with Neste represents the largest volume of SAF to be uplifted of any airline based in the Middle East and Africa to date.

American Airlines orders four E175s for Envoy Air

American Airlines has signed a firm order with Embraer for four new E175s. The aircraft will be operated by American's wholly owned subsidiary, Envoy Air. With all deliveries in Q4 2024, Envoy's all E-Jet fleet will grow to over 150 aircraft by the end of 2024. The contract value is US\$230.6 million at list price, and will be included in Embraer's 2023 Q4 backlog. The E175 entered service in North America in 2005, and has since come to dominate the sector, due to its comfort, high performance, and efficiency.



Several new contracts signed at MRO Europe.

© Aviation Week Network

Demand for MRO services surges across Europe

As industry meets to discuss new opportunities

The *AviTrader Weekly* team converged on Amsterdam last week to attend the 25th edition of the MRO Europe event in The Netherlands. According to the Aviation Week Network, the event concluded with more than 10,700 registered attendees, breaking previous attendance records.

It was a highly eventful show for AFI KLM E&M, it signed a pioneering MoU with ZeroAvia in the field of hydrogen-electric propulsion for aircraft. As part of this agreement, the two partners are jointly studying the technical training needs and processes required for the technicians and mechanics who will be involved in retrofitting and maintaining fleets equipped with this technology in the future.

AFI KLM and UK carrier Virgin Atlantic also signed an agreement overseeing the deployment of Prognos[®] for aircraft solutions for

the British airline's 17-strong fleet of 787 aircraft. The move will see the airline benefit from the MRO's experience in the field of predictive maintenance, via its in-house Prognos[®] solution, whose purpose is to optimise the value generated by maintenance programmes in both operational and economic terms.

and its other customers. Virgin Atlantic will now be able to rely on this programme to further enhance the reliability of our operation for our customers, whilst also generating efficiencies we can benefit from."

Meanwhile, Iberia announced it will further improve their passengers' flight experience by outfitting its A320 aircraft with newly launched L Bins. The upgraded aircraft will be equipped with

“Predictive maintenance is a paradigm shift for the industry and holds major potential for an operator like Virgin Atlantic.”

Neil Ambidge, VP Engineering and Maintenance, Virgin

Neil Ambidge, VP Engineering and Maintenance at Virgin Atlantic Airways stated: "Predictive maintenance is a paradigm shift for the industry and holds major potential for an operator like Virgin Atlantic. AFI KLM E&M has developed advanced expertise in this field and an acclaimed tool in Prognos[®], which already harnesses valuable amounts of data from the 787 fleets operated by Air France-KLM

the new stowage at the beginning of 2025. The new bins allow vertical loading of carry-on roller bags, resulting in a 60% increase in baggage capacity, further improving passenger experience and reducing cabin crew workload, during boarding and deplaning.

REVIMA received the green light from the airworthiness authority

Continued on page 2

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to extend landing gear repair capabilities to its facility in Yainville, where its Material Solutions (also known as Normandy Aero Spares) is based. The new repair facility has been set-up according to world class standards in full alignment with Revima's culture of high-quality workmanship. The repair capability covers minor repairs and recertification to address the mid-life solutions market.

From the aircraft OEMs, Airbus announced that Cyprus Airways has selected Airbus' Flight Hour Services (FHS) to support their A220 Family fleet thus becoming the third European FHS customer for an A220 fleet and the sixth A220 FHS contract worldwide. Cyprus Airways will benefit from integrated material services including on-site-stock at their main base in Larnaca, access to Airbus

mutualised spare pools around the world components engineering and repair services. Airbus says it will secure the best availability of main spare parts, generating value through increased fleet availability and operating maintenance costs savings. Check out this edition for more news from Amsterdam.

AIRCRAFT & ENGINE NEWS

Air Canada opts for GENx-1B engines to power B787-10 fleet

Air Canada has ordered 36 GENx-1B engines plus four spares to power its new order of Boeing 787-10 aircraft. The order includes options for an additional 24 GENx-1B engines. The Montreal-based carrier took delivery of its first Dreamliner in 2014 and currently operates 38 B787-8 and B787-9 Dreamliners, all powered by GENx engines. "Air Canada is a longstanding GE Aerospace customer, and we are delighted to support our fleet renewal with these highly efficient GENx engines to provide commonality and synergies across our Dreamliner fleet," said Joshua Vanderveen, Vice President, Maintenance at Air Canada. The GENx engine family has more than 50 million flight hours since entry into service in 2011 and is the fastest-selling, high-thrust engine in GE history with nearly 3,000 engines in service and on backlog, including spares. The GENx-1B powers two out of every three 787 aircraft in service. The engine also provides a 1.4% fuel burn savings for the typical 787 mission, equating to US\$300,000 (£255 million) per airplane per year in fuel savings. The added fuel savings enables more than two million fewer pounds of CO2 per aircraft annually. Like all GE Aerospace engines, the GENx can operate on approved sustainable aviation fuel (SAF) blends today. Representing a giant leap forward in propulsion technology, GENx uses lightweight durable materials and advanced design processes to reduce weight, improve performance, and lower maintenance, making it the best engine choice for long-haul flights.

Gulfstream G500 gains FAA steep-approach certification



The Gulfstream G500 has been certified for steep-approach operations by the FAA © Gulfstream

Gulfstream Aerospace has announced the clean-sheet, next-generation Gulfstream G500 has been certified for steep-approach operations by the US Federal Aviation Administration (FAA), giving the aircraft access to some of the world's most challenging airports. The G500 proved its low-speed handling and short-field capabilities in 2021 with landings at airports including London City Airport in England, which has a short runway and strict noise abatement requirements and Lugano Airport in Switzerland, which is situated in the mouth of a valley and requires an extremely steep approach. "Our customers already

benefit from the revolutionary performance and efficiency of the G500," said Mark Burns, president, Gulfstream. "We are now pleased to deliver steep-approach capability as well, providing additional flexibility by unlocking access to even more destinations around the world." With optimised speed, wide-cabin comfort and efficiency, the G500 offers best-in-class performance along with advanced safety features including the award-winning Gulfstream Symmetry Flight Deck. The G500 also features the Gulfstream Cabin Experience with 100% fresh, never recirculated air, the lowest cabin altitude in its class, whisper-quiet sound levels and abundant natural light from 14 Gulfstream Panoramic Oval Windows. The aircraft seats up to 19 and sleeps up to eight and can fly 5,300 nautical miles/9,816 kilometres at Mach 0.85 or 4,500 nm/8,334 km at Mach 0.90. It has a maximum operating speed of Mach 0.925. The G500 holds nearly 60 city-pair speed records and more than 110 are in service around the world.

American Airlines orders four new E175 aircraft from Embraer

American Airlines has finalised a firm order for four brand-new E175 aircraft from Embraer. These planes are slated for operation under American's wholly owned subsidiary, Envoy Air. Anticipated for delivery in the fourth quarter of 2024, this addition will expand Envoy's all E-Jet fleet to over 150 aircraft by the end of that year. The contract's list price stands at US\$230.6 million (£189 million) and will be incorporated into Embraer's 2023 Q4 backlog. The E175 made its North American debut in 2005 and has since established itself as a dominant force in the sector, known for its comfort, high performance, and efficiency. Passengers appreciate Embraer's distinctive two-by-two seating arrangement, eliminating the need for middle seats. To date, the worldwide E170/E175 fleet has accumulated over 19.5 million flight hours, with Envoy contributing 1.3 million hours to this total.



Embraer E175 American Eagle

© Embraer

TRANSITIONING OUT OF 737NG OR A320 FLEETS? FORECASTING ENGINE MAINTENANCE COSTS?

Think ConstantThrust®



With ConstantThrust®, Willis Lease will cover the cost and risk of engine maintenance by replacing a removed engine with a serviceable engine from our \$2B+ portfolio of assets – saving airline customers the significant time, money and risk associated with engine heavy maintenance.

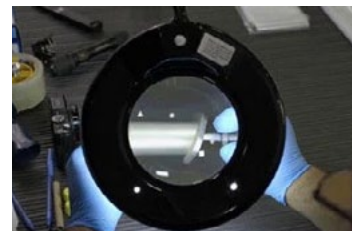
REDUCE engine change costs by 50%.
ELIMINATE expensive engine shop visits.
MINIMIZE end-of-lease aircraft lease return costs.

MRO & PRODUCTION NEWS

Kellstrom Aerospace and Valcor Engineering strengthen alliance

Kellstrom Aerospace, a global commercial aftermarket OEM distribution leader providing a comprehensive range of aircraft lifecycle solutions, has expanded its partnership with Valcor Engineering Corporation and its wholly-owned subsidiary Electroid, with the addition of global distribution of Valcor's Gen 2 Air Separation Module (ASM), a core component of the fuel inerting system (ATA 47) with installation eligibility on all models of the Boeing 737NG as well as the MAX (8 and 9) aircraft. Valcor Engineering and Electroid are market leader in Air Separation Modules (ASMs) for fuel inerting systems (ATA 47) with product applications on a broad range of Boeing aircraft including new-generation aircraft incorporating the most advanced and latest-generation technology. Kellstrom Aerospace and Valcor Engineering share a global aftermarket partnership that has consistently grown in scope and size and encompasses OEM parts distribution, aftermarket new part development and a 100% yield overhaul exchange programme on ASMs.

"We are delighted to announce the addition of global commercial aftermarket distribution of the Gen 2 ASM for the Boeing 737NG and MAX 8 and 9 aircraft to our existing aftermarket distribution partnership with Valcor Engineering and its wholly owned subsidiary Electroid and we are very excited for the opportunity to continue to serve our global customer base with a broad range of options among Valcor's high-quality parts, innovative solutions, and best value savings opportunities," said Daniel Adamski, Executive Vice President - Distribution at Kellstrom Aerospace.



© Kellstrom Aerospace

AMETEK MRO consolidates Avtech with Muirhead Avionics



David Bentley (R) Eduardo Rodriguez (L) overseeing the installation of the ATEC equipment at Muirhead Avionics
© AMETEK MRO

AMETEK MRO Muirhead Avionics, a leading provider of aviation maintenance, repair, and overhaul (MRO) services, has consolidated its operation and all customer support services with Avtech, one of AMETEK MRO's businesses previously based in Miami, FL. The integration of the two operations, which will continue to function as separate brands, will be located at the new high-tech Muirhead Avionics facility near London Heathrow. This has the space to house the increased repair capabilities and expertise offered by Avtech and David Bentley, Divisional Vice President & Business Unit Manager of Muirhead Avionics, sees multiple advantages for customers within the new structure. "The relocation of Avtech's operations to the UK not only makes logistical and commercial sense but enables us to merge the skills of both specialist avionics MRO teams and offer unbeatable technical customer support," Bentley said. "The majority of Avtech's customers are based in Europe so we can deliver a more local service with faster TATs for both commercial and military applications." Muirhead Avionics already has multiple approvals from the world's largest OEMs to repair their components and these

are further enhanced with Avtech's similar accreditations. The organisation has ambitions to expand its capabilities and Bentley added, "We will be maximising AMETEK MRO's investment in ATEC software and test equipment to target future repair releases from OEMs focused on new aircraft types. This technology not only broadens our scope, but we see great enthusiasm amongst our highly trained technicians who are eager to establish new repair capabilities." According to Bentley, the Muirhead Avionics/Avtech programme will focus on developing navigational, radio and display repairs utilising the ATEC test platform. The Company will be looking at developing further capability for ADIRUs, flight deck displays, and radio altimeters installed on next generation aircraft. These services will complement existing capabilities such as EFIS/ECAM and flight control equipment for A319/A320/A321 aircraft, MCDUs and Spoiler & Elevator Computers (SEC). As part of its focus on wide-body aircraft platforms the MRO will also be keen to develop capabilities such as flight management computers, MCDU, flight control computers and management systems.

Embraer expands agreement with Toyota do Brasil

Embraer has expanded its agreement with Toyota do Brasil to apply the fundamentals and concepts of the Toyota Production System (TPS) in its industrial operations. Since June 2022, both companies have been collaborating to evaluate and suggest improvements in manufacturing at Embraer's main factory, the Ozires Silva Unit, located in São José dos Campos, in the São Paulo state countryside. The introduction of a new methodology implemented during a phase of the E-Jets commercial jet wings production has yielded a notable reduction of 50% in the manufacturing cycle. A 17% decrease was obtained in the total manufacturing time in wing production, contributing to an overall efficiency gain of approximately 20%. The Embraer Enterprise Excellence Programme (P3E) team will continue to expand the implementation of these collaborative initiatives with Toyota to other stages of wing manufacturing. Due to the successful results, the two companies decided to expand the partnership for the joint development of other methodologies to be implemented at one of the stations on the E-Jets final assembly line. "The application of TPS in Embraer's production processes is yet another concrete example of how the methodology can contribute to more efficient operations, regardless of its field of activity, providing agility, quality and standardisation and directly impacting the competitiveness of the national industry," highlighted Rafael Chang, President of Toyota do Brasil. Embraer adopts the Lean philosophy as a core business strategy that disseminates P3E fundamentals, concepts and practices. This programme plays a pivotal role in orchestrating leading transformations, providing ways for the entire company to take leaps in improving its processes. This system also prioritises safety first, unwavering quality and consistent delivery timelines while maintaining optimal cost-efficiency. The company is committed to achieving carbon neutrality by 2024, achieving 100% of its energy from renewable sources for its Brazilian operations by 2024.



Embraer will apply the fundamentals and concepts of the Toyota Production System (TPS)
© Embraer

MRO & PRODUCTION NEWS

Embraer Executive Jets and LHT intensify cooperation

Embraer Executive Jets and Lufthansa Technik (LHT) have expanded their existing cooperation in the field of cabin management systems. In the future, the MRO company's renowned Original Equipment Innovation and Special Aircraft Services branch will supply the central passenger service system (PSS) for Embraer's new Phenom 100EX model. The recently modernised interior of the latter was presented to the public for the first time ahead of the Business Aviation Conference and Exhibition of the American National Business Aviation Association (NBAA-BACE) in Las Vegas. The PSS integrates several central control functions that allow passengers to adjust the numerous comfort features in the cabin of the Phenom 100EX to their individual preferences. These include controls for reading, table and cabin lighting, and the regulation of the temperature in the cabin. Illuminated ordinance signs provide safety indications such as Fasten Seat Belts and No Smoking. Touch-sensitive lavatory light and toilet flush switches complete the system, providing both status and function to passengers. The central user interface for all these functions is provided by the Upper Tech Panel (UTP) developed and produced by Lufthansa Technik. Its elegant design features a polycarbonate face with hidden integrated LED lighting and capacitive touch controls. Passenger air vents are stylishly integrated in the UTP design and complement the overall cabin design of the Phenom 100EX. Thus, they are building a bridge to the modern cabin operating philosophy of the popular Phenom 300E through the implementation of Embraer's Design DNA. "Our cabin management system "nice" - with its elegant design, intuitive user interface and high-quality audio and video performance has been well received by Embraer's affluent executive jet customers since its debut on the Phenom 300E," said Christiane Grude, Senior Director OEM Business Units at Lufthansa Technik. "We are pleased that our partner has now decided to expand the collaboration with us and to incorporate the Upper Tech Panel into the upgrade of the smaller Phenom 100EX. We are proud to be able to deliver real added value to Embraer's customers."

StandardAero's Springfield MRO facility to invest US\$10 million in upgrades

StandardAero has announced a commitment to invest US\$10-12 million (£8.3-10 million) in leasehold improvements at the company's Springfield, Illinois business aviation MRO facility. The investments, in partnership with Abraham Lincoln Capital Airport, will be

Supernal and Korean Air to spur development of Advanced Air Mobility

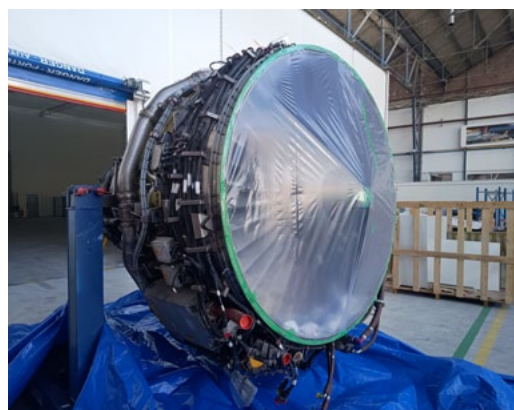


Contract signing between Supernal and Korean Air
© Supernal

Hyundai Motor Group's advanced air mobility (AAM) company – has entered into a strategic partnership with Korean Air to help accelerate the design of an electric vertical take-off and landing (eVTOL) vehicle and the development of the AAM ecosystem in South Korea. The collaboration adds to a growing list of Supernal partnerships that are advancing its mission to make AAM an efficient and reliable option for everyday transportation needs. The companies will engage in a variety of activities as part of the partnership, including exchanging technical data and jointly participating in workshops and programmes to help develop an AAM ecosystem that will support safe eVTOL operations. As part of the agreement, Korean Air will provide insights about South Korean-market requirements and AAM aircraft specifications, informing Supernal's product and market development strategies. The companies will also explore ways to effectively test the operation of Supernal's eVTOL vehicle and AAM infrastructure networks. The ways in which South Korea plans to operate AAM in the country highlight the importance of this partnership. Unique to South Korea, the South Korean government plans to utilize 5G and LTE mobile communication capabilities to enable the seamless flow of information and communication by pilots. The South Korean government also plans to create dedicated AAM operating corridors separate from helicopters and other low-level airspace users. These corridors will be customised for safe and efficient flights between vertiports, maximizing the efficiency of AAM routes and minimizing any interaction between eVTOL and other aircraft types. As South Korea's largest airline, Korean Air has been a key player in developing the country's aviation industry and is expected to do the same for AAM, including by providing input to Supernal on passenger experience and operations. Elements that Supernal plans to develop as part of a global AAM ecosystem include aftermarket products and services, interconnected mobility solutions, physical and digital infrastructure networks and solutions for establishing and expanding an industry workforce. The company is focused on building a robust AAM ecosystem that will enable the industry to reach expected demand in the coming decades, with a goal to integrate eVTOL vehicles into existing transportation networks.

Vallair sells CFM56-5B3/P engine to Setna iO

Vallair, the expert in mature asset management, has successfully concluded the sale of a CFM56-5B3/P engine (ESN 779525) to Setna iO, a global leader in aftermarket aircraft and engine components. This engine will undergo immediate teardown and part-out, contributing to Setna iO's inventory of readily available materials. The collaboration between Setna iO and Vallair has grown strong through asset trading and component repairs. Notably, this transaction follows the comprehensive teardown of two A320-200 airframes, which Vallair's AFRA-accredited facility in Montpellier completed on behalf of Setna iO in the second quarter of this year. Armando Filho, Material Management Director, shares, "We are committed to expanding our cooperation to generate greater value for both our companies and customers. Our partnership with Setna iO is already a mutually beneficial endeavour, exemplifying a blueprint for successful business growth." Vallair's integrated services seamlessly connect various specialties, from airframe and engine acquisition to dismantlement, in-house aerostructure repairs, component repairs, technical services, and parts sales. Its aero structures facility in Chateauroux, France, has been a dedicated support provider for Setna iO, specialising in nacelles and flaps repairs, maintaining a comprehensive schedule with competitive turn-around times.



Vallair has sold one CFM56-5B engine to Setna iO

© Vallair

MRO & PRODUCTION NEWS

completed in three phases over a two-and-a-half-year period. The investments and upgrades will be applied to major building improvements and modernisation including hangar door overhaul, interior door replacement, resurfacing of hangar floors, exterior paint, interior paint, HVAC replacements, flat roof replacements, paint facility equipment upgrades, parking area and road resurfacing to name a few. "We have already started the repair and overhaul process for our hangar doors and we're proceeding with the other phased improvements," said Dave Pearman, Vice President & General Manager of StandardAero Springfield. "We are grateful to the Abraham Lincoln Capital Airport for its support and once all of the upgrades are completed, we'll essentially have a 'like new' operation." Earlier this year, Abraham Lincoln Capital Airport implemented a project install of a 2.88 MW solar project that consists of six solar arrays with over 6,500 panels on 7.5 acres of the airport property. Now in full operation, the arrays generate nearly 4,000,000-kWh annually and is one of the largest solar arrays in the state of Illinois on an airport. StandardAero currently receives 100% of its electrical power from the solar arrays, making it one of the "greenest" facilities in the industry. StandardAero Springfield supports primarily airframe maintenance for business aviation aircraft including scheduled maintenance, avionics installations, full interior refurbishments and full aircraft paint. In addition to Springfield, StandardAero operates out of primary business aviation MRO facilities located in Van Nuys, California; Dallas and Houston, Texas; Augusta, Georgia; and in the U.K. The company also has regional service centres located in the US, Brazil, the UK, South Africa and Singapore, in addition to Mobile Service Teams around the world to support wherever operators fly.

SR Technics Malta extends three-year contract with easyJet

SR Technics Malta has extended its three-year contract with easyJet, a valued customer since 2010. This prominent European airline has relied on SR Technics for a variety of MRO services throughout their long-standing partnership. The collaboration will persist within SR Technics' state-of-the-art six-bay hangar at the Malta Airport in Hal Farrug. Daniel Galea, General Manager of SR Technics Malta, expressed his enthusiasm: "We are extremely delighted and honoured to solidify a fresh three-year contract with our esteemed and crucial customer. This underscores the exceptional rapport we have fostered as we celebrate the 13th year of this enduring collaboration. We extend our heartfelt gratitude to our dedicated workforce as we

Royal Jordanian Airlines sign pool programme agreement with Embraer

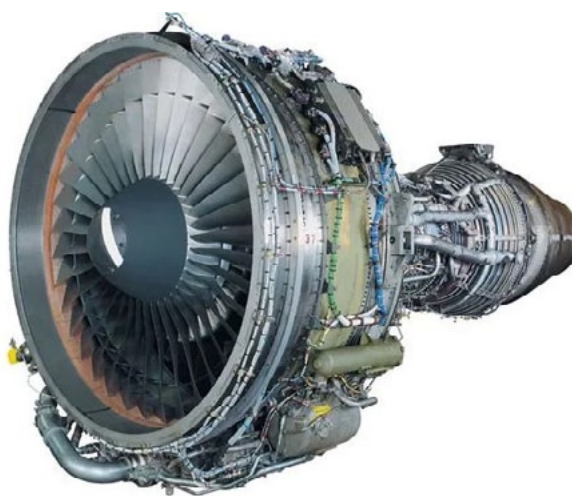


Image of E190-E2 and E195-E2 jets in Royal Jordanian livery

© Embraer

Royal Jordanian Airlines and Embraer have signed a multi-year contract for the support of the carrier's total fleet of eight E190-E2 and E-195-E2 jets with the Pool Programme. The agreement will provide support for a wide range of repairable components for the jets that will be added to Royal Jordanian's fleet. Currently, Embraer's Pool Programme supports more than 60 airlines worldwide. "Royal Jordanian has for many years enjoyed a fruitful relationship with Embraer with our currently operating Embraer fleet. For the new-generation E2 jets, we have been working with Embraer on all the supporting functions that go into having a smooth entry into service targeted by the end of this year. Therefore, we see that the pool programme agreement that we signed with Embraer as a natural fit that provides a cost-effective and practical parts solution, accompanied with Embraer's expertise and support," said Royal Jordanian Vice Chairman/ CEO Samer Majali.

AAR and MTU Maintenance prolong PW2000 engine parts supply contract



AAR and MTU have signed a multi-year contract extension for the parts supply for PW2000 engines
© MTU Maintenance

AAR CORP., a provider of aviation services to commercial and government operators, MROs and OEMs, has signed a multi-year contract extension with MTU Maintenance, a market leader in customised solutions for aero engines, to supply parts for Pratt & Whitney PW2000 engines. This fourth extension marks the continuation of an AAR-MTU contract that originally began in 2009. Under the agreement, AAR supplies used serviceable material for the PW2000 engine programme at MTU's facility in

Hannover, Germany. This partnership significantly streamlines logistical processes and creates cost efficiencies for MTU Maintenance's customers. "The last 15 years have shown us that AAR is a reliable partner, which helps us to offer tailor-made and cost-efficient material solutions to our customers," said Torben Lohse, Director of Purchasing at MTU Maintenance Hannover. "I am looking forward to continuing this successful partnership for years to come."

MRO & PRODUCTION NEWS

persist in delivering our services at the highest safety and quality benchmarks.” Brendan McConnellogue, Director of Engineering and Maintenance for easyJet, added, “We are thrilled to continue our enduring partnership with SR Technics in Malta. They have consistently demonstrated their status as the ideal collaborator to support our industry-leading maintenance operations for our modern fleet, which comprises over 300 Airbus A320 aircraft.”

Satair, Collins Aerospace sign global distribution contract for engine mounts

Satair, an Airbus Services company, and Collins Aerospace have signed a multi-year agreement making Satair the global exclusive distributor of the GTF PW1100 series on the Airbus A320neo aircraft. The new agreement builds upon a long-standing partnership between Satair and Collins Aerospace and expands the existing LEAP program with the addition of PW1100 engine mounts, increasing Satair’s support capabilities for the A320neo platform.

Spirit AeroSystems and Boeing reach agreement for enhanced production stability



© Spirit AeroSystems

In a significant development, Spirit AeroSystems Holdings disclosed on October 18, 2023, that its subsidiary, Spirit AeroSystems has entered into a Memorandum of Agreement (MoA) with The Boeing Company. This landmark agreement is poised to foster increased collaboration, ultimately leading to higher quality and more reliable deliveries in the future. Patrick M. Shanahan, President and CEO of Spirit AeroSystems, emphasized the shared commitment of Boeing and Spirit to address the current operational challenges. He stated, “Boeing and Spirit will continue to work closely together to tackle the operational hurdles of today. Our combined teams will concentrate on elevating supply chain performance and resilience. Through this joint effort to harmonise our production systems, we aim to enhance market responsiveness and ensure reliable deliveries.” This agreement not only reinforces the enduring strategic partnership between Spirit and Boeing but also underscores their dedication to fulfilling operational commitments and exceeding the expectations of the airline industry for the long-term.



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MRO & PRODUCTION NEWS

AJW Group signs specific business arrangement with Collins Aerospace

AJW Group has signed a three-year specific business arrangement (SBA) with Collins Aerospace, to provide comprehensive repairs for galley inserts. The agreement with Collins Aerospace, a world-class leader in aerospace and defence solutions, is testament to AJW Group's commitment to delivering top-tier services and innovative solutions to its global customers. The three-year SBA will deliver several key benefits, including enabling AJW Group to streamline repair processes to reduce turnaround times and enhance operational efficiency. The SBA also introduces a fixed pricing structure, ensuring cost predictability for customers and maintaining the delivery of consistent, high-quality repair services at competitive rates. Barry Swift, Chief Operating Officer of AJW Group, commented: "Our partnership with Collins Aerospace underscores our dedication to delivering excellence in maintenance, repair and overhaul (MRO) services. This SBA allows us to further streamline our repair capabilities and enhance customer satisfaction. We are committed to providing cost-effective, top-quality solutions to our clients and this agreement is a testament to that commitment." Through this collaboration, AJW Group aims to set new industry standards in galley insert repair services, offering airlines and operators a reliable, cost-effective and efficient solution for their maintenance needs.

FINANCIAL NEWS

US airline stocks slide following United's sobering forecast

Shares of major US airlines saw a decline on Wednesday, October 18, triggered by United Airlines disappointing fourth-quarter forecast, which had shaken investors the day before and heightened concerns about rising operational costs affecting carriers' profits. United Airlines witnessed an approximate 8% drop in its shares, hitting a one-year low. This decline had a domino effect on its peers, with Delta Air Lines, American Airlines, and Southwest Airlines all experiencing approximately a 4% drop in their respective share prices. United's forecast for adjusted profit in the current quarter ranged between US\$1.50 and US\$1.80 per share, which was well below the average expectations of US\$2.06 by analysts, as reported by LSEG data. This downward projection was due to increased expenses associated with higher jet fuel prices and costly labour contracts. US carriers have faced profit pressures due to a surge in jet fuel prices during the July-September quarter, resulting from

Joramco signs new maintenance agreements with DHL and Oman Air



Joramco and DHL will continue their maintenance service agreement

© Joramco

Joramco, the Amman-based aircraft MRO facility and engineering arm of Dubai Aerospace Enterprise (DAE), has announced the continuation of its successful maintenance agreement with DHL, which has been in place since 2017. Joramco announced this agreement extension during MRO Europe 2023, which involves conducting nose-to-tail heavy maintenance checks on five A300 and one A330 freighter aircraft. The new deal will commence in January 2024 and will continue until the following year. Furthermore, Joramco has signed a new maintenance agreement with Oman Air. As part of this collaboration, Joramco started with heavy maintenance checks on five A330 aircraft from Oman Air's fleet.

Safran and TARMAC Aerosave enter into NacelleLife service agreement



© Signing of the new agreement between Safran and TARMAC Aerosave at MRO Europe

Safran Nacelles has signed a five-year agreement with TARMAC Aerosave to deliver support for nacelles on aircraft undergoing maintenance on TARMAC Aerosave sites in France (Toulouse and Tarbes) and Spain (Teruel). TARMAC Aerosave offers innovative solutions in aircraft and engine storage, transition, maintenance and recycling. The nacelle specialist will deliver its OEM expertise to TARMAC Aerosave to support its maintenance services to aircraft operators and airframers on the Airbus A380, A330ceo, A330neo and A320neo powered by CFM International LEAP-1A turbofan engines. TARMAC Aerosave will have access to spare parts and large nacelle components (air inlet, fan cowls, thrust reversers and exhaust systems). The company will receive engineering services for repair solutions alongside MRO3 services on the Safran Nacelles site in Pont Audemer, France, or directly on wing at TARMAC Aerosave locations. For its part, TARMAC Aerosave brings its expertise in the end-of-life management of aircraft parts. This close cooperation with Safran Nacelles will enable easier identification and optimised recycling of materials, thereby contributing to the eco-design process of future nacelles.

FINANCIAL NEWS

tighter crude oil supplies. Delta recently adjusted its profit outlook for the full year, narrowing it to US\$6 to US\$6.25 per share, down from the previous estimate of US\$6 to US\$7 per share in July. Additionally, the suspension of flights to Israel is anticipated to contribute to United's non-fuel costs, with projections of up to a 5% increase in the fourth quarter compared to the same period the previous year. The escalating costs, combined with signs of reduced domestic travel demand, have raised concerns about the industry's profitability, leading to a sell-off in airline stocks and prompting analysts to revise their earnings forecasts. (£1.00 = US\$1.22 at time of publication).

African Development Bank grants US\$23 million to Rwanda's new Aviation Centre of Excellence

The Board of Directors of the African Development Bank Group has approved a US\$23.6 million (£19.3 million) loan for the construction and equipment of a new aviation training facility in the Rwandan capital, Kigali. The proposed Centre of Excellence for Aviation Skills (CEAS), including an aircraft hangar, will partner with higher learning institutions to produce a skilled workforce to meet global aviation training standards and industry demands. "The Bank's financial support for this Centre of Excellence speaks to our commitment to investing in human capital to meet demands for the jobs of today – and tomorrow – in Africa's aviation and related industries," said Dr Beth Dunford, the Bank's Vice President for Agriculture, Human and Social Development, following the approval on September 29, 2023. The project will boost Rwanda's ambition to become a regional aviation hub and draw international investment from the aviation industry. It aligns with the country's Vision 2050 to improve human capital by providing high-quality training, upskilling labour and transforming the workforce for higher productivity.

The centre is expected to enrol up to 500 students starting from 2025 when it becomes partly operational. It will offer training for pilots, maintenance and cabin crew. There will also be dispatch and ancillary courses, including in-airport emergency operations services. The facility will also provide drone piloting training, flight simulator recurrent training, and other advanced pilot training for specialized missions. Industry watchers estimate that Africa will need over 50,000 aviation professionals in the next two decades, including 15,000 pilots, 17,000 technicians and 23,000 cabin crew members. Nnenna Nwabufu, the Bank's Director General

MRO & PRODUCTION NEWS

LHT inks new agreements at MRO Europe for maintenance and landing gear services

At MRO Europe in Amsterdam, SmartLynx Airlines, a leading ACMI (aircraft, crew, maintenance and insurance), cargo and charter services provider, and Lufthansa Technik (LHT) have inked new multiple-year agreements extending their partnership. The contracts include maintenance services for the Airbus A320 family and landing gear services for



LHT and SmartLynx have signed multiple new contracts at MRO Europe © SmartLynx

the Airbus A320, A321 and A330 fleets. Based on the experience of their existing partnership, SmartLynx Airlines has entrusted Lufthansa Technik with more than 25 C-Checks for its A320-family aircraft, which will be carried out from November this year within the MRO expert's base maintenance network in Europe. As of October, SmartLynx will be provided with comprehensive landing gear services, including overhauls for Airbus A320, A321 and A330 aircraft, exchange landing gears and potential loans depending on individual needs. Since May 2023, Lufthansa Technik provides SmartLynx with a total component support (TCS) for its entire fleet, covering more than 60 Airbus A320, A330 and Boeing 737MAX aircraft. Founded in 1992 as a subsidiary of the Latvian company Smart Aviation Holding, SmartLynx's fleet has grown significantly, especially over the past five years; the current fleet consists of 53 aircraft and is expected to continue to grow. SmartLynx is headquartered in Riga, Latvia and is part of Avia Solution Group, a global aerospace group of companies with almost 100 offices and production stations across five continents and over 10,000 aviation professionals.

MTU Maintenance Lease Services and AGSE cooperate on engine stand leasing

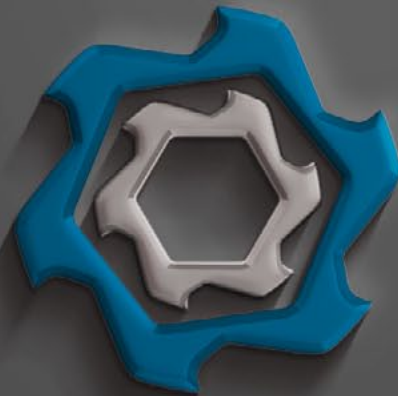


LEAP-1A shipping stand

© MTU

MTU Maintenance Lease Services B.V., a subsidiary of MTU Aero Engines, specialising in engine leasing and asset management and Advanced Ground Systems EngineeringTM (AGSE), a designer and manufacturer of trusted aerospace ground support equipment and tooling solutions, have signed a letter of intent to cooperate as equal partners to offer engine transport stands for lease starting in January 2024. California-based AGSE will produce,

and supply transport stands for a variety of engine models, including but not limited to CFM International's LEAP and CFM56, International Aero Engines' V2500 and Pratt & Whitney's GTF engines, in addition to wide-body models such as GE Aerospace's GE90-110/115B, GENx-1B and CF6-80 and Engine Alliance's GP7000. The leasing branch of MTU Maintenance will handle all commercial leasing aspects of these stands. Patrick Biebel, Managing Director at MTU Maintenance Lease Services, emphasised that having AGSE as a partner is the logical choice, given its extensive engine stand portfolio, the manufacturer fits seamlessly into the leasing company's ambitions to expand its capabilities and the MTU Maintenance ServicePlus suite of products. "It's all about a one-stop-shop principle where MTU Maintenance has the right set-up to support its customers with any engine-related issue. This stand leasing service enables us to be even more responsive to our customers across the globe," says Biebel. "AGSE is globally renowned as the leading independent stand manufacturer with a top-quality product."



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FINANCIAL NEWS

for East Africa, said the centre will enable opportunities for skills building for the youth in Rwanda and across the East Africa region. "Overall, the project aligns with the Bank's Skills for employability and productivity in Africa Action Plan, which stipulates ways of elevating the skills level of Africa's workforce," she added. The project's construction phase will require up to 1,000 workers and the operation phase is expected to create 98 jobs. The proposed site is close to other related structures, connecting project components to Kigali International Airport's existing services and facilities.

Alaska Airlines posts net income of US\$139 million for third quarter 2023

In the third quarter of 2023, Alaska Airlines (Alaska) has reported net income of US\$139 million under Generally Accepted Accounting Principles (GAAP). This marks a significant increase compared to the US\$40 million net income recorded in the third quarter of 2022. When special items and mark-to-market fuel hedge accounting adjustments are excluded, the reported net income for the third quarter of 2023 amounts to US\$237 million. This represents a decrease from the US\$325 million reported for the third quarter of 2022. The carrier achieved a robust operating revenue of US\$2.8 billion and managed to reduce its cost per available seat mile (CASM) excluding fuel and special items by 5% when compared to the third quarter of 2022. During this period, Alaska Airlines repurchased 248,988 shares of common stock at a cost of approximately US\$13 million, bringing the total repurchases for the nine months ending on September 30, 2023, to US\$70 million. Furthermore, the airline generated a substantial operating cash flow of US\$271 million in the third quarter of 2023. As of September 30, 2023,

MRO & PRODUCTION NEWS

REVIMA extends MRO landing gear repair capabilities at Yainville site



REVIMA has received regulatory approval to enhance its landing gear repair capabilities at its Yainville (France) site
© REVIMA

REVIMA has received regulatory approval to enhance its landing gear repair capabilities at its Yainville (France) site, where its Material Solutions division, also known as Normandy Aero Spares, operates. The new repair facility in Yainville has been established to meet global industry standards, perfectly aligning with REVIMA's commitment to delivering top-quality workmanship. This extended capability encompasses minor repairs and recertification services, catering to the mid-life solutions market. Initially, this expanded capability applies to the A320- and A330-families of aircraft, with plans to broaden coverage to additional platforms in the coming months. Olivier Legrand, President & CEO of the REVIMA Group, commented, "The growing demand for mid-life landing gear solutions has prompted us to establish a dedicated facility for minor repairs and recertification. Our main MRO site in Normandy, France, is experiencing substantial growth in overhaul activities, leaving limited space and capacity for such services. These new capabilities will enable our Material Solutions business to meet market demands promptly and with an unwavering commitment to quality."



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FINANCIAL NEWS

it held a strong financial position with US\$2.5 billion in unrestricted cash and marketable securities. Notably, Alaska Airlines closed the quarter with a debt-to-capitalisation ratio of 48%, aligning with its target range of 40% to 50%. (£1.00 = US\$1.22 at time of publication).

OTHER NEWS

IBA's latest Aviation Industry Barometer revealed that there were 87 commercial aircraft deliveries in September 2023, representing a month-on-month and year-on-year variance of -5% and -27% respectively. **IBA Insight** shows that in September, monthly global passenger capacity is edging closer to a full recovery, reaching 99% of pre-pandemic ASKs in September 2023, a gain of 1% compared to August 2023. In September, all markets apart from Europe and Asia Pacific were trending at or above pre-pandemic capacity. IBA continues to expect global passenger ASKs to surpass 2019 levels by October 2023. Passenger ASKs from Chinese operators were trending 3% below 2019 levels during September, a slight regress from August where ASKs exceeded pre-pandemic volumes. 434,000 commercial passenger flights were recorded by Chinese operators in September 2023, compared to 490,000 in August 2023 and 191,000 in September 2022. Overall, there were approximately 2.88 million commercial passenger flights in September 2023, compared to 3.08 million in August 2023, while 2.42 million flights were recorded in September 2022. Whilst there was a fall in commercial aircraft deliveries in September 2023, so far during 2023, Airbus A320neo deliveries have averaged 45 per month, compared to Boeing's 737 MAX at 31 per month.

Rolls-Royce, under the leadership of its new CEO, Tufan Erginbilgic, is embarking on a significant transformation, poised to eliminate up to 2,500 positions company wide. The eagerly anticipated unveiling of the firm's long-term strategy is imminent. The renowned jet engine manufacturer is set to disclose a workforce reduction ranging from 2,000 to 2,500 jobs, with the United Kingdom expected to bear the brunt, according to reliable sources. Erginbilgic, a former BP executive, assumed the helm at Rolls-Royce in January, igniting a sense of urgency by characterising the company as a "burning platform." His stark assessment underscored the need for substantial changes to secure the future of one of Britain's most esteemed and intricate industrial players. Rolls-Royce's financial performance experienced a notable upturn over the past year, primarily attributed to the resurgence in global air travel

Qantas and Alliance Aviation terminate acquisition agreement



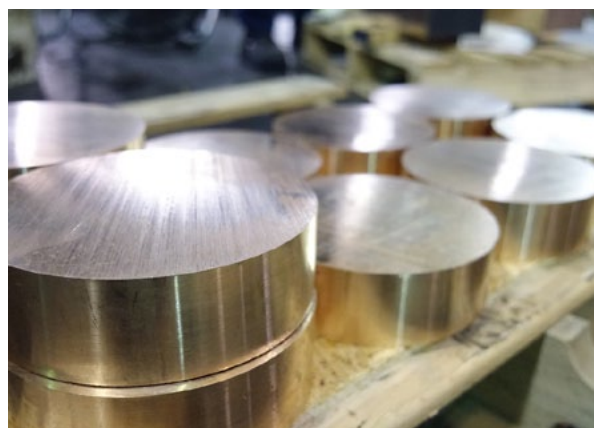
© Alliance Airlines

Qantas and Alliance Aviation Services (Alliance) have jointly announced the termination of their May 2022 agreement for Qantas to fully acquire the Australian-based charter operator. This acquisition, which had received formal opposition from the competition regulator in April 2023, was initially anticipated to deliver enhanced customer value without undermining competition, especially in the fiercely competitive resources sector, leveraging the combined fleet of F100 aircraft. However, both companies acknowledge that, given the current circumstances, there is no viable path forward for the deal. Qantas will persist in its commitment to serving the expanding resources sector through its existing charter operations, maintaining its considerable share of approximately 27% in the total charter market. The Qantas Group will retain its nearly 20% shareholding in Alliance and continue the long-term agreement, which allows Alliance to operate up to 30 E190s for the Qantas Group. Under this agreement, Qantas has opted to exercise its options for four additional aircraft, increasing the total number of E190s operated by Alliance for the Qantas Group to 26, with four additional options still in place. The new aircraft are slated to join the Qantas fleet starting in April 2024. John Gissing, Qantas Group Executive of Associated Airlines and Services, noted, "Alliance is a vital partner for the Qantas Group and the E190s have played a pivotal role in enabling us to establish new routes across Australia. These four additional aircraft will provide increased capacity and connectivity in the domestic market." Alliance Managing Director Scott McMillan expressed the airline's commitment to the enduring and productive relationship with Qantas despite the outcome of the acquisition agreement.

MILITARY AND DEFENCE

IBC wins US\$7.38 million in new orders from Lockheed Martin

IBC Advanced Alloys, a leading beryllium and copper advanced alloys company, has won a new purchase order for its beryllium-aluminium alloy products from Lockheed Martin, the maker of the F-35 Lightning II aircraft and many other defence systems. The value of the new order is approximately US\$7.38 million (£6.15 million), and IBC expects to fulfil the order in 2023 and 2024. "This is an important order for IBC and our team



IBC copper products

© IBC

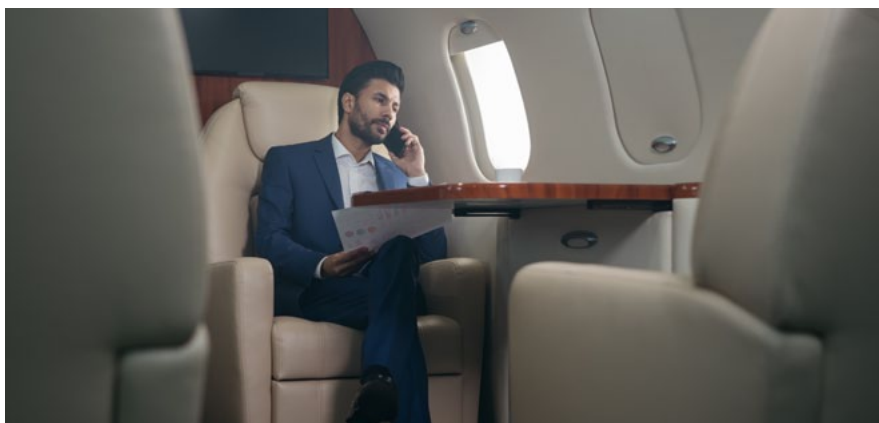
looks forward to delivering strategic alloy products to help Lockheed and the U.S. Department of Defense meet global national defence mission objectives," said Mark Smith, IBC's CEO and Chairman. IBC also announced that it is currently exploring strategic options with potential partners, investors and others with regard to its Massachusetts-based Engineered Materials Division, which produces beryllium-aluminium alloy components for defence and commercial applications, including potential joint ventures, a restructuring, a sale, or other options.

OTHER NEWS

following the COVID-19 pandemic. However, its focus on long-haul aviation has hindered its competitiveness against peers specialising in short-haul aircraft engines. Despite its share price doubling since the outset of 2023, it still falls short of pre-pandemic levels recorded in 2019. The company's civil aviation revenues heavily rely on maintenance services for the engines it manufactures, making it especially vulnerable during the pandemic. In response, the company reduced its workforce by 9,000 jobs, deeming it an existential threat to its operations. Rolls-Royce's workforce currently stands at 42,000 employees, with approximately half of them based in the UK. While British jobs are expected to be impacted, exact figures are anticipated to be disclosed in the coming week. Rolls-Royce maintains three key divisions: civil aerospace, responsible for crafting jet engines for larger passenger planes like the Airbus A350; a defence unit, which manufactures jet engines for fighters and nuclear submarine reactors; and a power systems segment, specialising in engines for marine vessels and generators.

Fraport USA, a wholly owned subsidiary of **Fraport AG**, has prevailed in the bid for centre management concessions at Washington Dulles International Airport (IAD) and Ronald Reagan Washington National Airport (DCA). The ten-year contract was successfully negotiated with the Metropolitan Washington Airports Authority (MWAA), the agency responsible for airport operations and is scheduled to take effect in January 2024. Dr Stefan Schulte, CEO of Fraport

INFORMATION TECHNOLOGY



Honeywell has unveiled the next-generation, high-speed, in-flight connectivity solution- JetWave X © Shutterstock

Honeywell has unveiled **JetWave™ X**, a next-generation, high-speed, in-flight connectivity solution optimised for the business aviation industry. JetWave X will provide customers with unprecedented coverage and data speeds by leveraging Viasat's Ka-band network, including its ViaSat-3 satellites and the Global Xpress (GX) satellites from its recently acquired Inmarsat business, offering the highest capacity available in the market today. JetWave X builds upon the success of Honeywell's JetWave SATCOM system by being easier to install and having greater service network flexibility, with the capability to connect to any Viasat Ka-band satellite. In collaboration with Viasat, Honeywell has designed JetWave X to unlock significant increases in data rates for the business aviation industry, enabling access to speeds that exceed increasing passenger demands and the most data-hungry applications of the future, with typical speeds consistently greater than 30 Mbps and as high as 100 Mbps, even in the busiest flight corridors. Designed for mobility applications, Viasat is expanding its Ka-band constellation to include eight advanced new satellites currently under construction. These will provide additional capacity that aligns well to the needs of the business aviation market, including capacity focused on the most highly trafficked routes and over the busiest hubs. Additionally, with the unique ability to dynamically steer capacity to where it's needed, passengers are ensured consistent high speeds wherever they fly, reinforcing why a GEO-centric approach provides the best connectivity experience for business aviation.

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OTHER NEWS

AG, commented, “Our success in securing these concessions is a testament to our proven centre management approach developed over many years. By finalising this new contract for these two vital capital city airports, we are further expanding our portfolio of US airports. In collaboration with MWAA, we aim to optimise operational processes and provide passengers with a contemporary and diverse shopping and dining experience at both gateways.” Fraport USA’s mandate from MWAA is to market and develop the retail and food & beverage spaces at the two Washington, D.C.-serving airports. Each airport offers approximately 11,000 m² of concession space. Sabine Trenk, CEO of Fraport USA, stated, “Our primary focus is on enriching the airport experience for passengers by harnessing the unique character of the capital region. As part of our strategy, we will support local businesses in the area, allowing passengers to savour the distinctive essence of Washington, D.C., before their departures or upon their arrivals. We are proud to have the opportunity to implement our innovative and world-class retail programme at Dulles and Ronald Reagan National.” Ronald Reagan Washington National Airport (DCA), situated just five kilometres south of Washington’s city centre, ranks as one of the busiest domestic airports in the United States, with approximately 22 million passengers traveling through in 2022. Washington Dulles International Airport (IAD) serves as the US capital’s global gateway and is located about 30 kilometres to the west of Washington in the state of Virginia. In 2022, Dulles Airport, which also serves as United Airlines’ East Coast hub, welcomed around 21 million passengers. Fraport USA is recognised as a leader in pioneering new retail and food and beverage concepts at US airports. In addition to the newly secured concessions at IAD and DCA, the company also oversees centre management at specific terminals in Newark Liberty International Airport (EWR) and JFK Airport in New York, as well as at the airports of Baltimore/Washington (BWI), Cleveland (CLE), and Nashville (BNA).



Phenom 300E cockpit

© Embraer

Embraer and CAE’s joint venture, **Embraer-CAE Training Services (ECTS)**, will add training capacity with the deployment of two new Phenom 300 full-flight simulators (FFSs) to meet the growing demand for pilot training in Europe and the United States. The first new FFS is scheduled to enter service in Q1 2024 at CAE London Burgess Hill (UK) and the second in Q3 2024 at CAE Las Vegas (U.S.). “After opening a new Phenom series full-flight simulator in April, we are announcing two new ones in the USA and Europe. We are working with CAE to be where our customers need us to be, providing them with our latest technological updates and best-in-class support. Embraer and CAE are long-term partners to provide the best services to the market,” said Carlos Naufel, President & CEO, Embraer Services & Support. In addition to the new simulators, ECTS currently operates seven Phenom-series simulators in Las Vegas, Nevada (US), Dallas, Texas (US), London Burgess Hill (the UK), and Guarulhos (Brazil).

Sabre Corporation has signed a new agreement with **Aero Mongolia**, wherein the airline has implemented a comprehensive suite of Radixx products from Sabre, including the Radixx Res Passenger Service System (PSS) to aid business growth and enhance the end-to-end traveller journey. Radixx’s core passenger system is enabling Aero Mongolia to manage all passenger operations and sales channels; helping to increase sales while enhancing distribution channels and partnerships.

The carrier is also deploying Radixx Go to evolve its check-in operations, and Radixx Insight Marketing+ to enable data-driven decision making, including the creation of personalized experiences and offers founded in data science and deep customer learning. In addition, Radixx ezyCommerce is powering enhanced revenue maximization opportunities with a one-stop retail solution for all passenger travel needs. “As we ramp up operations and forge ahead with business growth plans, it’s essential to us that we are working with a technology partner who truly understands our market and our goals,” said Munkhbaatar Ganbold, Deputy CEO, Aero Mongolia. “We’re very excited to have successfully implemented a carefully chosen set of Radixx solutions with Sabre, and we’re confident they will help us to provide our valued customers with even more exceptional air travel experiences, while growing our own revenue.” Established in 2001 as Mongolia’s first privately-owned airline, Aero Mongolia flies a network of domestic destinations as well as international routes to Russia and China. It also recently expanded its network to include South Korea, Tokyo and Vietnam and is adding a second A319-100 aircraft to its fleet. The airline is playing an important role in the growth of the Mongolian tourism industry, with Mongolia having declared 2023 through 2025 as ‘The Years to Visit Mongolia’ as the country aims to diversify and develop its economy through tourism.



Aero Mongolia will implement a comprehensive suite of Radixx products from Sabre
© AirTeamImages

INDUSTRY PEOPLE



Neil Russell

• Aero Norway, the specialist CFM56® engine repair facility, has appointed **Neil Russell** to the position of Chief Executive Officer (CEO). He takes over the helm from **Glenford Marston** who will

move to focus on strategic industry relationships as Senior Vice President – Sales. Russell is a highly respected industry advocate and responsible for the implementation of process improvements that have established the company’s reputation for unequivocal precision and benchmark efficiency. Previously Chief Operating Officer, with a five-year history at Aero Norway, Russell steps into the limelight to lead Europe’s highly regarded independent engine

MRO just as the MRO Europe 2023 conference gets underway in Amsterdam where he will be keen to showcase Aero Norway’s recent investments in technology and people. “Aero Norway is constantly pursuing greater efficiencies and looking for ways to improve processes to generate reduced turn-around-times and underpin the delivery of a range of full work-scope options” Russel said. “As we move towards 2024, we are scheduling the facility with heavy-

INDUSTRY PEOPLE

engine maintenance programmes across primarily the CFM56-5b and -7b engines." Russell takes on the leadership of Aero Norway from Glenford Marston who has been CEO for eight years and is responsible for establishing the engine MRO's reputation for precision, quality and guaranteed turn-around-times. Marston, well known by aircraft operators and leasing companies alike, views his return to the hands-on task ahead with relish. "Neil is the ideal successor to the role of CEO, and I know he will take the business forwards with confidence. Meanwhile, I anticipate sitting back face-to-face with our customers and finding new ways for Aero Norway to bring value to their engine assets."



Mick Adams

• STS Aviation Group (STS) has released that **Mick Adams** is to retire as CEO, STS Aviation Services Europe, effective January 1, 2024. Adams will be replaced by **Ian Bartholomew** who will become EVP

& Managing Director, STS Aviation Services EU. Adams joined STS in 2019 at the inception of its strategy to grow exponentially in Europe. Since then, Adams has overseen the buildout of STS' European operations while establishing STS Aviation Services as a real force in the region. Adams has constructed a very credible business that matches STS Aviation Services NA in both scale and scope. "We've been very fortunate to have had Mick join STS to write the last chapter of his storied career in aviation," stated **PJ Anson**, CEO, STS Aviation Group. "Mick has been a true professional, guiding and nurturing the business during its inception." "Mick may be making a well-deserved retirement, but he has graciously agreed to continue his involvement in STS by taking on a board advisory role going forward," said **Mark Smith**, President, STS Aviation Services. "Mick's relationships in the industry are second to none and we are delighted to have him continue to help build the business. We are also excited to have Ian take on the EVP & Managing Director role." Ian Bartholomew joined STS in January of 2020 as its Managing Director and has been Adams' "right hand" during the inception of STS' European business. Bartholomew knows the organisation intimately and is Adams' natural successor.

Prior to joining STS, Bartholomew spent time with KLM UK Engineering Limited, Etihad Airways and Monarch Aircraft Engineering.



Matt Hoesley

• Altavair L.P. (Altavair), a leader in commercial aviation finance, has announced the appointment of **Matt Hoesley** as Chief Commercial Officer (CCO). In this newly created role, Hoesley will assume responsibility for Marketing, Trading and Portfolio Management, in addition to his current responsibilities leading Financing and Investment. He will continue reporting directly to Altavair's CEO, **Steve Rimmer**. "We are delighted to promote Matt to CCO, and I look forward to working with him in this new more strategic capacity," said Rimmer. "This role will have an ever-increasing influence on shaping and driving Altavair's business direction, better serving our customers and delivering on the company's growth plans. Hoesley joined Altavair in 2005 as a Pricing Associate and has since held positions as Marketing Director for EMEA, Head of Finance and Portfolio Management, and, most recently, Head of Originations. About Altavair L.P. Altavair L.P. is an asset manager focusing on the acquisition of new and used commercial aircraft for leasing to domestic and international passenger airlines and cargo operators.

• Frontier Airline, a subsidiary of Frontier Group Holdings has promoted **James G. Dempsey** to President, and **Mark C. Mitchell** to Senior Vice President and Chief Financial Officer, both reporting to CEO **Barry Biffle**. In his new role, Dempsey will oversee the Commercial, Customer Care (which includes contact centres and customer relations) and Operations Research, Design and Planning functions. Dempsey previously served as Frontier's Executive Vice President and Chief Financial Officer. Mitchell, who previously served as Frontier's VP, CAO and VP, Finance and Investor Relations, will assume Dempsey's former role. Dempsey joined Frontier in 2014 as Chief Financial Officer. Prior to that he held senior management roles at Ryanair Holdings PLC along with various management roles with PricewaterhouseCoopers. Mitchell joined Frontier in 2015 and prior to that held various leadership roles at Starwood Hotels and

Resorts Worldwide, Inc., including Vice President, Accounting, as well as serving as Corporate Controller for Starwood Vacation Ownership, Inc. The airline also announced other leadership changes, including the appointment of **Rajat Khanna** as Senior Vice President and Chief Information Officer and **Matthew Saks** as Vice President, Treasurer. Khanna joins Frontier from Lowe's Companies in Charlotte, NC, where he served as Vice President, Technology - US Omnichannel Digital Customer Experience as well as the de facto Chief Information Officer for Lowe's Canada. Khanna also served in IT leadership roles at United Airlines. Khanna reports to CEO **Barry Biffle**. Saks joins the company from Airbus where he most recently served as Vice President Airline Marketing and prior to that held a variety of leadership positions in sales, customer finance and auditing. Saks reports to CFO Mark Mitchell.

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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@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	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@ftaaviation.com	+1 786-785-0777
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-5B3/P	Now - Lease				
(1) CFM56-5B1/P	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(1) CFM56-5B4/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(3) CFM56-5C4	Now - Lease				
(1) CFM56-5B4/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	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
(1) LEAP-1A33	Now - Lease				
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

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(2) GTCP331-200ER, (2) GTCP131-9A,	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) GTCP131-9B					
(1) A321 Enhanced Landing Gear 2020 OH					
(1) GTCP36-150	Now - Sale	GNS	Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511
(3) A320 LG Shipsets, (1) A320 NLG, (5) A340 LG Shipset		GA Telesis		landinggearsales@gatelesis.com	
(1) A321 LG Shipset, (4) 767 LG Shipset					
(1) 777-200 LG Shipset, (3) 737 LG-Shipset					
GTCP131-9A (2), GTCP131-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
(1) 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, (1) APS3200C		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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