

Weekly Aviation Headline News

WORLD NEWS

New 'Arctic Express' service puts Finnair in 'Pole' position

Finnair is set to launch a new 'Arctic Express' service connecting Helsinki, Rovaniemi and Tromsø, as it improves its Nordic flight connections. Aimed at enhancing services within the Arctic, this new flight route will be the only direct connection between Rovaniemi, the hometown of Santa Claus, and Tromsø, the gateway to the Northern Lights. Flights will operate twice per week from 2 December, with the new winter-seasonal route putting Finnair in 'Pole' position for flights to Finnish and Norwegian Lapland. Flights on the new route will be operated by the airline's 68-seater ATR aircraft, giving customers a guaranteed window or aisle seat.

WFS invests in fifth, new-build cargo terminal in Madrid

Worldwide Flight Services (WFS) is to open a fifth cargo handling terminal at Adolfo Suárez Madrid-Barajas Airport to provide additional growth capacity and secure its position as Madrid's largest independent handling provider. Construction of the new 6,500m² terminal has now commenced and WFS aims to begin operations from the facility by the end of Q1 2024, increasing its total cargo facility footprint in Madrid to 17,000m². WFS has been present in the Madrid cargo and ground handling market since 1998 and serves 39 airline customers, also providing trucking services connecting other key airports in Spain and across the EU. WFS has been proactively investing in its operation in Madrid for over two decades.

Fastjet Zimbabwe adds South African capacity

Low-cost operator Fastjet Zimbabwe, has announced the additional flight frequencies from Bulawayo's JM Nkomo International Airport to Johannesburg's OR Tambo International Airport in support of business and leisure travel. Flights from Bulawayo to Johannesburg will increase from a daily service to 12 weekly flights with the re-introduction of a morning service adding a choice of frequencies and flexibility for travel between these cities.



Monarch is planning a revival with a fleet of Airbus narrowbodies.

© Gary Watt

Monarch Airlines plots a comeback

Targets Airbus narrowbodies for relaunch

Reports from the UK have suggested the defunct and long-serving charter and scheduled airline Monarch will be resurrected six years after it ceased operations in 2017, leaving 1800 workers redundant. When Monarch entered administration in 2017, it was the biggest airline collapse in UK history up to that point, leaving nearly 100,000 passengers and holidaymakers stranded.

According to details from *ch-aviation*, new investors are planning to resurrect the UK's Monarch Airlines (1968) brand with a

fleet of fifteen Airbus narrowbodies to serve North Africa and Gibraltar from London Luton and expect to formally launch a new certification process with the UK Civil Aviation Authority by the end of September. A spokesperson for the company said: "On the 18th of August we completed the critical first step in our mission to relaunch a much-loved name in UK travel when Monarch Airlines and Monarch Holidays

were passed into new ownership.

"We're now building a brand-new Monarch and can't wait to share more with the travelling public in the very near future."

The potential revival of Monarch has put the spotlight back on what is perceived as the "curse" of British regional aviation - as many of the revived airlines seem unable to achieve a successful comeback.

be establishing itself amid a strong UK low cost and charter airline competitive landscape with the likes of Ryanair, easyJet and TUI.

The revived Monarch told *ch-aviation* that it will target, "a variety of underserved routes from the UK, primarily for leisure services" and the airline was looking to operate to "North Africa and Gibraltar, among others, with these regions remaining

underserved following the collapse of the previous Monarch in 2017." The business strategy will reportedly focus on higher-end

and sustainable tourism.

The airline plans to return to its London Luton base but a timeline is unclear. Monarch has also said that the holiday company has been "passed into new ownership following the exit of the companies' founder and previous majority shareholder".

Monarch Airlines was a British charter and scheduled airline, operating from 1968 to 2017.

“On the 18th of August we completed the critical first step in our mission to relaunch. We're now building a brand-new Monarch.”

Monarch Spokesperson

AIRCRAFT & ENGINE NEWS

EHang completes tests for EH216-S type certification



The EH216-S TC has completed all planned tests

© EHang

EHang Holdings Limited (EHang), a Chinese leading autonomous aerial vehicle (AAV) technology platform company, has released that it has achieved a significant milestone for its EH216-S TC by successfully completing all of the planned tests and flights in the last phase of demonstration and verification of compliance, and also completed the definitive TC Flight Test by the Civil Aviation Administration of China (CAAC), with unwavering endeavours throughout the past 31 months since the CAAC officially accepted the company's TC application in January 2021. This is the last milestone before obtaining the type certificate. After finishing the remaining procedures, the company expects to obtain the type certificate of the EH216-S Unmanned Aerial Vehicle (UAV) system from the CAAC soon. As an innovative product for urban air mobility, the EH216-S sticks to three fundamental technological principles, which are full redundancy, autonomous flying, and cluster management. So far, it stands out as the world's first TC programme for unmanned eVTOLs. Huazhi Hu, Founder, Chairman and CEO of EHang, commented, "We've made remarkable progress in our pursuit of long-term growth. Notably, we are thrilled to announce that we have successfully completed all the planned tests for EH216-S type certification. This achievement marks a significant unprecedented milestone in the global emerging eVTOL industry, underscoring our unwavering dedication and pioneering advantages. Additionally, this sets the stage for us to secure the type certificate soon and proceed with our endeavours to initiate commercial operations."

U.S. Forest Service and Coulson Aviation secure ten-year airtanker contract

The U.S. Forest Service (USFC) and Coulson Aviation have agreed upon a ten-year indefinite-delivery/indefinite-quantity Large Airtanker (LAT) firefighting contract, with a value of US\$7.2 billion (£5.67 billion). The agreement will provide the basis for operations and maintenance service for Coulson's C-130H Hercules and Boeing 737 FireLiner™ aircraft. Currently, Coulson Aviation operates the largest fleet of civilian Lockheed C-130H aircraft worldwide, while also expanding its Boeing 737 fleet. It is the first and sole company to convert a Boeing 737 commercial airliner into a FireLiner™ tanker. Each tanker requires more than 40,000 technician hours to become fully compliant and operational. The FireLiner™ differs from all other next-generation LATs through its ability to transport firefighters without re-configuration and to fly at maximum speeds and altitudes with a load of retardant without restrictions. The C-130H has been a leading attack aircraft in Coulson Aviation aerial firefighting missions through its ability to employ makeshift runways for take-offs and landings while offering a temporary infrastructure base onboard the aircraft. Each aircraft platform is equipped with Coulson's Retardant Aerial Delivery System (RADS), a powerful weapon for any aerial firefighting arsenal. Coulson's RADS products are the most widely used, highest-volume, 4,000 USG tanking systems currently operating around the globe. In addition, Coulson's RADS requires no additional crew or equipment, provides real-time flow rate and superior drop zone coverage.



Coulson Aviation has secured a ten-year contract with the U.S. Forest Service

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AIRCRAFT & ENGINE NEWS

Challenge Group welcomes B767-300BDSF to its fleet



Challenge Group is introducing the B767-300BDSF to its fleet

© Challenge Group

Middle East. The aircraft's volumetric ratio makes it an ideal choice for transporting commodities, making it highly suitable for e-commerce and pharma industries, where volumetric capacity is critical. Challenge Group is a unique, international air cargo conglomerate offering tailored air freight industry solutions from handling, air and ground logistics to aviation services, for a wide range of industries and commodities.

Challenge Group has welcomed the latest addition to its fleet - B767-300BDSF aircraft. This milestone marks a significant step forward for the company, enhancing its overall capacity and operational flexibility to better serve its customers worldwide. The introduction of the B767 is part of Challenge Group's fleet diversification project, designed to adapt to evolving market demands and cater to specific customer requirements. It is essential to note that the B767 is an addition to the existing fleet and is not replacing the B747-400 fleet. In the years to come, the B777F will also be introduced as an addition, emphasizing the company's commitment to growth and expansion. The B767's arrival will empower Challenge Group to be more competitive and versatile in meeting specific customer needs, allowing for greater flexibility when less capacity is required. This increased adaptability will also pave the way for exploring new markets, including short- and medium-haul routes within the EU, the India sub-continent, and the

Air New Zealand orders two ATR 72-600s

National flag carrier Air New Zealand and regional aircraft manufacturer ATR have signed a firm order for two brand-new ATR 72-600 aircraft and options for two more. Deliveries are scheduled for the second half of 2024 and the beginning of 2025. Air New Zealand will then operate the fourth-largest ATR fleet worldwide. These additional aircraft will support the airline's growth, further strengthening its network across New Zealand. The lowest-emission regional aircraft on the market, these brand-new ATRs will be equipped with PW127XT engines, delivering an additional 3% fuel burn reduction compared to previous engine versions, enabling a 45% reduction in CO2 emissions compared to similar-size regional jets. Air New Zealand's General Manager of Fleet Strategy and Delivery, Baden Smith said: "Our ATR 72-600s are an integral part of Air New Zealand's domestic network. Due to New Zealand's short-range, highly connected network, the ATR aircraft are perfect in keeping Kiwis connected across the 20 ports we fly between. With demand for air travel high, particularly in New Zealand, we're thrilled to be welcoming two new ATR aircraft into our fleet from late 2024."



Air New Zealand has ordered two new ATR 72-600s with options for two more © ATR

BOC Aviation and IndiGo sign lease agreements for ten A320neos



IndiGo and BOC have signed lease-finance agreements for ten A320neo aircraft © AirTeamImages

BOC Aviation has entered into a finance-lease transaction involving ten Airbus A320neo aircraft with InterGlobe Aviation Ltd. (IndiGo). The aircraft are all powered by CFM LEAP-1A engines. All ten aircraft are scheduled for delivery in 2023. "We are pleased to enhance our partnership with BOC Aviation with the lease agreement for these 10 aircraft. This extended collaboration with BOC Aviation is part of our expansion strategy across domestic and international markets. India is currently among the fastest growing civil aviation markets in the world and these aircraft will help IndiGo consolidate its position in the region," said Riyaz Peer Mohamed, Chief Aircraft Acquisition and Financing Officer, IndiGo. IndiGo is amongst the fastest-growing low-cost carriers in the world. With its fleet of over 300 aircraft, the airline is operating well about 1,900 daily flights and connecting 79 domestic destinations and will soon further grow its footprint to 32 international destinations.

MRO & PRODUCTION NEWS

AEI completes 600th freighter conversion

Aeronautical Engineers (AEI) has announced that it has completed its 600th freighter conversion. The aircraft tied to this milestone is a Boeing 737-800 owned by GA Telesis (MSN 28235). Since 1958, AEI has been designing, developing and modifying narrow-body freighter aircraft for the world's air cargo industry. Over the company's 65-year history, AEI has provided the global market with dependable and flexible freighter products ranging from the DC6 and CV440 to hugely popular programs, including the B727-200SF, B737-400SF, and B737-800SF. The 600th freighter conversion was modified by Commercial Jet Inc.'s Miami, Florida facility. Commercial Jet Inc. is AEI's longest-serving modification partner with expertise gained through the conversion of hundreds of aircraft. AEI also has multiple authorised AEI Conversion Centres located around the world to better serve its extensive list of global aircraft owners and operators.

Boeing and Joramco partner to launch Boeing freighter conversion facility in Jordan

In a significant collaboration, Boeing and Joramco have joined forces to establish a cutting-edge Boeing Converted Freighter (BCF) facility in Amman, Jordan. Joramco is set to pioneer the role of the inaugural MRO (Maintenance, Repair, and Overhaul) provider in the Middle East, dedicated to facilitating forthcoming Boeing freighter conversions for both domestic and international aircraft. Strategically positioned in Amman, Jordan, Joramco's geographical advantage positions it to provide unwavering

AIRCRAFT & ENGINE NEWS

Embraer's E195-E2 achieves type certification milestone in China



Embraer Tech Lion E195-E2 landing at Zhuhai Airport, China

© Embraer

Embraer's E195-E2, the flagship of the E-Jet series, has secured its official Type Certificate from the Civil Aviation Administration of China (CAAC). Building on the E190-E2's CAAC certification received just last November at the Zhuhai Air Show, this achievement underscores the expanding approval of Embraer's innovative aircraft lineup. According to Embraer's comprehensive 20-Year Market Outlook released in June, the Asia Pacific region, including China, is poised for robust growth, projecting a 4.4% annual increase in revenue passenger kilometres (RPKs) over the next two decades. The surge in demand for agile options to complement narrow-body planes is stimulating interest in the sub-150-seat segment within China's aviation market. Last November the Embraer E195-E2, known as the 'TechLion,' proudly touched down in China, making its debut appearance at the Zhuhai Airshow. The aircraft showcased its exceptional capabilities, including outstanding performance metrics, impressively low noise and emissions levels and an unparalleled cost efficiency. Having entered commercial service in 2019 with Azul, the E195-E2, the largest entrant in the E-Jet family, offers seating arrangements for 120 to 146 passengers. It stands as a paragon of fuel efficiency among single-aisle aircraft currently in operation, boasting a remarkable 25% improvement in fuel efficiency per seat compared to its E-Jet predecessors. A milestone of particular significance was reached in June 2022 when the E195-E2 underwent successful trials with 100% sustainable aviation fuel (SAF). This achievement underscores the compatibility of the E2 family with high blends of SAF, up to 100%, without compromising safety or performance standards. Notably, the E2 series exhibits a remarkable 25% reduction in CO2 emissions compared to prior-generation aircraft and this reduction could potentially surge to 85% with the utilisation of SAF.

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MRO & PRODUCTION NEWS

support to future 737-800BCF operators across the expanse of the Middle East, Europe, North Africa, and the Commonwealth of Independent States (CIS). Commenting on this occasion, Chief Executive Officer of DAE, Firoz Tarapore said, "Today's announcement reaffirms our long-term commitment to our DAE Engineering division. Since acquiring Joramco in 2016, revenues have more than doubled, and we continue to expand our presence at our Amman, Jordan-based facility, which is expected to reach 22 maintenance lines by the end of 2024. This latest agreement underpins our commitment, and we look forward to continuing to deepen our relationship with Boeing as well as developing new product offerings for Joramco's global customer base." Joramco operates as a subsidiary under the umbrella of Dubai Aerospace Enterprise (DAE), which boasts a leasing arm overseeing a fleet of approximately 550 aircraft, leased to around 120 airlines spanning across roughly 60 nations.

Latest flaw in 737 MAX construction likely to slow down deliveries

American planemaker Boeing has confirmed that the latest manufacturing flaw will likely slow down deliveries of the 737 MAX. Boeing has confirmed that fastener holes on the aft pressure bulkhead on some 737 planes were improperly drilled. Spirit AeroSystems, which manufactures the fuselage for the 737 MAX, has advised that because it "uses multiple suppliers for the aft pressure bulkhead, only some units are affected." While Boeing will continue to deliver 737 MAX aircraft unaffected by this particular problem, the company also made it clear that: "This issue will impact near-term 737 deliveries as we conduct inspections to determine the number of airplanes affected and complete required rework on those airplanes." The timing of the announcement has caused major problems for Boeing as it was in the process of ramping up production to meet increased demand for the single-aisle commercial jet from 31 to 38 units per month. However, the company is yet to confirm if this setback will have a longer-term effect on its forecast to deliver between 400 and 450 units in 2023. Spirit AeroSystems has confirmed that it will continue to deliver fuselages to Boeing. "We are working closely with our customer to address any impacted units within the production system and address any needed rework," Spirit AeroSystems said in a statement. "Based upon what we know now, we believe there will not be a material impact to our delivery range for the year related to this issue." This year through July, Boeing handed over 309 planes to customers, behind the 381 planes rival Airbus delivered in the same period.

FL Technics to establish new MRO infrastructure in Punta Cana



Rendering of FL Technics' new hangar facility at Punta Cana International Airport

© FL Technics

FL Technics, a leading aircraft maintenance solutions company, has started the establishment of new MRO infrastructure at Punta Cana International Airport (PUJ), the second-busiest airport in the Caribbean. Once the first stage of the development is finished, facilities will include five bays for base maintenance operations including a complex of fully fledged supporting shops. Including the hangar and bays facility of 20,000 m², the total area of the new infrastructure will be 52,000 m². The construction process will take up to two years and marks FL Technics' commitment to developing the existing global independent MRO network, including current base maintenance hangars in Lithuania (Vilnius and Kaunas International Airports), the United Kingdom (London, Stansted International Airport), Scotland (Prestwick International Airport), and Indonesia (Jakarta International Airport), and with the new facility in Dominican Republic, FL Technics owned MRO hangar space will total 86,000 m². With a physical MRO hub in the region FL Technics is aiming to support the growing fleet of narrow-body aircraft operated in the Americas, as the company will leverage its global expertise and Part-145 capabilities certified by FAA (Federal Aviation Administration) and EASA (European Aviation Safety Agency). The company plans to provide both base and line maintenance services in the new hub. Zilvinas Lapinskas, CEO of FL Technics, commented on the development: "This expansion is our first physical base maintenance foothold in the region, following the existing FL Technics operations in the Americas, including a line maintenance network in Canada. It is a decisive investment as we aim to provide comprehensive MRO solutions to create long-term partnerships and a base for other future developments in the continent." With further investments across the Americas in mind, the Punta Cana project itself is also set for future development as the infrastructure includes plans for an additional seven bays in the second phase totalling a hub of 12 bays, as a result – providing crucial addition to the capacity of base maintenance slots in the growing region.

Boeing and Ethiopian Airlines to establish aircraft parts manufacturing joint venture

Ethiopia's state investment authority has announced that a US\$15 million is being invested in a joint venture between Boeing and Ethiopian Airlines for the manufacture of aircraft parts. Ethiopian Airlines is the African

continent's largest airline with a fleet of over 140 aircraft and the carrier is trying to make a proactive effort to further expand its operational scope and play a more significant role in the aviation supply chain. According to the Ethiopian Investment Commission, the partnership will additionally involve the local

MRO & PRODUCTION NEWS

state-owned Industrial Parks Development Corporation. The venture should include the production of various aerospace components, including aircraft thermal-acoustic insulation mats, electrical wiring harnesses, and other essential parts, while the project is projected to generate job opportunities for more than 300 Ethiopians, contributing positively to the local workforce and economy. In the broader context of the aviation landscape, some African airlines, like Kenya Airways, have experienced disruptions due to a shortage of aircraft parts stemming from global supply chain disruptions. These disruptions were triggered by the conflict in Ukraine, which impacted the availability of Russian titanium, a vital material in aviation manufacturing. Ethiopian Airlines has recently demonstrated a strong financial performance with a 20% rise in profits to US\$6.1 billion during its previous fiscal year, highlighting its resilience and adaptability within the ever-evolving aviation industry. The partnership with Boeing signals a new chapter for Ethiopian Airlines, as it positions itself to contribute significantly to the production and supply of essential aerospace components.

FINANCIAL NEWS

Norwegian Air Shuttle reports strong second-quarter results

Norwegian Air Shuttle (Norwegian) has delivered an operating profit (EBIT) of NOK 651 million in the second quarter, which was characterised by strong operational performance amidst ramping-up into the busy summer travel season. Furthermore, the airline and Strawberry's new loyalty company announced that Avida has been selected as the preferred financial partner. Together with Norwegian's recently announced agreement to acquire Widerøe, these new partnerships will contribute to offering even better and seamless travel experiences. For the second quarter of 2023, Norwegian delivered an operating profit (EBIT) of NOK 651 million. Profit before tax (EBT) amounted to NOK 538 million. The liquidity position improved through the quarter with cash and cash equivalents exceeding NOK 9.3 billion. At quarter-end, the carrier's fleet comprised 81 aircraft. The airline had 5.6 million passengers in the quarter, up from 5.0 million passengers in the second quarter of 2022. Production (ASK) was 8.7 billion seat kilometres, while passenger traffic (RPK) was 7.3 billion seat kilometres. Production was up 44% from the previous quarter as it ramped up capacity ahead of the busy summer travel season. The quarterly load factor was 84.4%, up from 81.2% in the same period last year. In April, Norwegian announced a landmark partnership with Norsk e-Fuel to build

AerSale completes certification flight testing for AerAware EFVS

AerSale, a leading provider of aviation products and services, has successfully completed all certification flight testing for AerAware, its Enhanced Flight Vision System (EFVS), in coordination with the U.S. Federal Aviation Administration (FAA). Prior to the completion of the final test flight, the FAA approved all modifications to the system and the company



AerSale has successfully completed all certification flight testing for AerAware
© AerSale

successfully completed its fifth set of test flights on August 19, 2023 which, when added to the first four sets of flight tests, totalled more than 100 hours of flight time. Nicolas Finazzo, AerSale's Chief Executive Officer said, "We are pleased to reach this milestone in the development of AerAware, and we look forward to proceeding to Supplemental Type Certification and commercialization of the product." AerAware is an EFVS solution that enables commercial aircraft pilots to overcome degraded visibility situations day and night, allowing them to move in and out of airports faster, saving time and increasing operational efficiency and safety. The revolutionary system presents advanced imaging technology along with real-time aircraft primary flight systems data onto an Elbit Systems/Universal Avionics SkyLens™ Head Wearable Display (HWD). SkyLens™ enables pilots to continuously operate heads-up and monitor primary flight information while retaining situational awareness of terrain. This ground-breaking EFVS incorporates multispectral ClearVision™ camera imaging, along with 3-D synthetic vision, to provide unprecedented pilot situational awareness when operating AerAware-equipped aircraft in instrument conditions. With AerAware, instrument-approach visual references are revealed significantly earlier to pilots than with natural, out-of-window viewing. This enables pilots to descend below published natural vision instrument approach minimums.

MILITARY AND DEFENCE

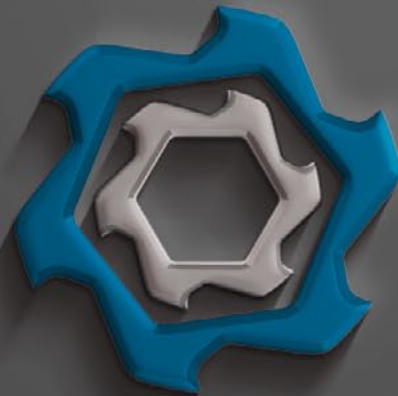
Airbus to modernise U.S. Army Lakota helicopters



The U.S. Army has awarded Airbus a contract for Lakota UH-72a helicopter modernisation
© Airbus

er system improvements. "This award provides pilots with significantly increased functionality and capability to carry out today's demanding missions, further enhancing the Lakota's value as an ISR asset for the National Guard." said Scott Tumpak, Vice President of Military Line of Business for Airbus U.S. Space and Defence. MEP equipped UH-72As are specifically designed to execute National Guard operations across a range of missions including domestic operations, counter-drug and border security. The Army contract will retrofit up to 50 Security and Support Battalion aircraft deployed throughout the United States. There are currently 107 in the fleet. These aircraft will be modified at Airbus' Columbus, Mississippi helicopter production facility, where more than 480 UH-72A and UH-72B Lakotas, based on the H145, have been delivered to the US Army since 2006.

The U.S. Army has awarded Airbus a US\$27.8 million contract to upgrade the Army National Guard Security & Support Battalion Mission Equipment Package (MEP). Upgrades to the MEP expand the UH-72A Lakota's capabilities to conduct day-and-night operations by providing an advanced moving map, enhanced digital interfaces, new monitors, an airborne mission management system and other



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FINANCIAL NEWS

the world's first full scale e-fuel plant in Mosjøen, Norway. The plant will produce sustainable aviation fuels (SAF). The partnership is estimated to secure approximately 20% of Norwegian's total demand for SAF by 2030. In addition, Norwegian will invest more than NOK 50 million for a minority equity stake in the company. (£1.00 = NOK13.46 at time of publication).

Qantas Group posts full-year profit, orders 24 wide-body aircraft

The Qantas Group has posted its first full year statutory profit since FY19. For the full year 2023 (FY23), the Group achieved an underlying profit before tax of AU\$2.47 billion and a Statutory after-tax profit of AU\$1.74 billion. This compares with AU\$7 billion in accumulated statutory losses over three prior years. Underpinning the profit was completion of the Group's AU\$1 billion recovery programme (launched in the first year of those losses), a 132% increase in flying compared with FY22 and strong travel demand driving significantly higher revenue. As of June 30, 2023, the Group had liquidity sources of around AU\$10 billion, including AY\$4.4 billion in cash and undrawn facilities and AU\$5.6 billion in unencumbered assets. Net debt fell to AU\$2.89 billion – well below the AU\$3.7 billion to AU\$4.6 billion target range and the FY19 level of AU\$4.7 billion. This exceptional balance sheet strength, combined with cashflows from what is a structurally enhanced business, is expected to underpin future aircraft deliveries and shareholder returns. The Board of the Group approved a return to shareholders of up to AU\$500 million via an on-market share buy-back, which will commence in September 2023. This follows a return of AU\$1.0 billion during FY23 via share buy-backs at an average price of AU\$6.19. The Group has announced a firm order for 24 widebody aircraft, consisting of 12 Boeing 787s and 12 Airbus A350s. With deliveries starting in FY27 and continuing into the next decade, these aircraft will replace the bulk of the current A330 fleet, with purchase right options stretching out until at least FY37 to provide flexibility for future growth and, ultimately, replacement of the A380 fleet. This order secures delivery slots for sought-after wide-body aircraft with pricing that represents an excellent opportunity for the Group. It is in addition to the order for 12 specially modified A350s to operate Project Sunrise flights, arriving in FY26. The Group's fleet plan has significant flexibility built in, allowing for adjustments depending on market conditions and its financial framework. As part of this new order, Qantas will partner with Airbus and Boeing to access to up to 500 million litres of Sustainable Aviation Fuel (SAF) per annum from 2028, including from the

MILITARY AND DEFENCE

Indonesia signs MoU to procure up to 24 F-15EX advanced fighter jets



A Republic of Indonesia delegation, led by Minister of Defense Prabowo Subianto (centre), shared the country's commitment to procuring F-15EX jets during a recent visit to Boeing's St. Louis facility © Boeing

The Republic of Indonesia and Boeing shared their commitment to finalize the sale of 24 F-15EX aircraft to Indonesia, subject to U.S. government approval, during a visit of Indonesia's Minister of Defense Prabowo Subianto to the United States. "We are pleased to announce our commitment to procure the critical F-15EX fighter capability for Indonesia," said Minister Subianto who witnessed the MoU signing. "This state-of-the-art fighter will protect and secure our nation with its advanced capabilities." The F-15EX is the most advanced version of the F-15 ever built, with digital fly-by-wire flight controls, a new electronic warfare system, an all-glass digital cockpit and the latest mission systems and software capabilities, which will all be leveraged in delivering the new F-15IDN. Boeing and Indonesia have worked in partnership for nearly 75 years to support the development of aerospace and defence capabilities in the country through training, supply chain development and collaborations. Today, Boeing's presence in Indonesia covers commercial aviation, defence, space, supply chain, academia partnerships and talent development efforts across the local industry. Currently the F-15 is operated by seven countries around the world.

Astronics to support development of V-280 Valor



V-280 Valor

© Bell

Astronics Corporation has announced that it is now under contract with Bell to support development of the V-280 Valor for the U.S. Army Future Long Range Assault Aircraft (FLRAA) programme. A member of Team Valor, Astronics has been working with Bell for several years by supplying the

electrical power and distribution system for the demonstrator aircraft. The current agreement will further mature the system for qualification and certification. This award follows the Army's selection of the V-280 as the winner of its FLRAA competition and the planned replacement for the UH-60 Blackhawk. Peter J. Gundermann, Chairman, President, and CEO of Astronics, said, "We have enjoyed a close working relationship with Bell for many years, providing innovative solutions for their aircraft. Our CorePower® technology is designed into the Bell 505, Bell 525 aircraft, and V-280 Valor. We congratulate Bell on their selection for this program and are honoured to work with them to help deliver the V-280 weapon system to the U.S. Army." The full development programme contract is anticipated to include finalizing the power system design and development, system integration services, and preliminary flight hardware deliveries. The V-280 aircraft will benefit from Astronics CorePower® family of solutions, employing solid state electronic circuit breaker and power conversion technology to deliver clean, intelligent, and efficient power that improves aircraft performance, supports the U.S. Army Modular Open Systems Architecture (MOSA) initiatives, and reduces overall system weight.

FINANCIAL NEWS

United States. This represents up to 90% of the SAF required to reach the Group's 2030 interim target of 10% of its total fuel needs and enhances the Group's pathway to reducing emissions. (£1.00 = AU\$1.96 at time of publication).

Schiphol Airport reports half-year results

Schiphol Airport's (Royal Schiphol Groups) first six months marked the beginning of a turnaround for passengers, employees and the airport's future plans, the group stated. Passengers had a good travel experience again and Schiphol intensified its initiatives to improve working conditions. Another development that characterised the first six months was the plan Schiphol presented to be quieter, cleaner and better. The group's underlying net result for the first half year was €44 million, compared to a loss of €29 million for the first half year of 2022. The result is €15 million in the first half year of 2023 compared to a net result of €65 million in the first half year of 2022. While passenger numbers compared to last year are higher, the aviation business is loss making

MILITARY AND DEFENCE

U.S. Navy contracts Sikorsky to build 35 CH-53K helicopters

The U.S. Navy has awarded Sikorsky, a Lockheed Martin company, a US\$2.7 billion contract to build and deliver 35 additional CH-53K® helicopters – the largest procurement to date for this multi-mission aircraft. "This contract award for 35 CH-53K helicopters stabilises Sikorsky's nationwide supply base, creates additional production efficiencies, and provides the U.S. Marine Corps with transformative 21st century technologies," said Paul Lemmo, President of Sikorsky. "Our long-standing partnership led to this best value contract award providing the capability and readiness the Marines need." The agreement includes 12 U.S. Marine Corps Lot 7 aircraft, 15 U.S. Marine Corps Lot 8 aircraft, and eight aircraft for Israel. Sikorsky will begin delivering these aircraft in 2026. This contract significantly advances Sikorsky and the U.S. Navy on the path toward a multi-year agreement and the 200 aircraft Marine Corps Programme of Record. This contract award includes eight additional CH-53K helicopters for the Israeli Air Force and follows the initial production announcement in 2022 for the first four aircraft under a U.S. Navy Foreign Military Sales (FMS) agreement. The multi-mission CH-53K will support Israeli special operations programmes, as well as provide the Israeli Defence Forces with a platform that has the speed, safety, survivability and gross weight capability to support all of its missions, including troop and cargo transport, and search and rescue. The U.S. Navy declared Full Rate Production for the CH-53K programme in December 2022. This is expected to increase production to more than 20 helicopters annually in the coming years. Sikorsky is procuring long-lead items and critical materials to support ramp-up of CH-53K production in its digital factory.



U.S. Marines conduct a CH-53K test flight at Sikorsky in Stratford, Conn., U.S.A. @ Sikorsky



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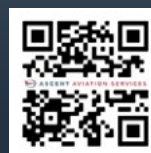
ARIZONA - NEW MEXICO



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FINANCIAL NEWS

due to a higher level of operational costs. CEO Ruud Sondag: "First and foremost, our focus was to provide passengers a pleasant journey again during the holiday season. I think for now it is fair to say we have achieved this and everyone at Schiphol can be proud of that. However, we are not there yet. For the sake of passengers, we and our partners have to keep improving. The new standard for Schiphol is that we put our money where our mouth is. In a short period of time, we have substantially improved the experience of passengers, improved rest areas for employees, ordered nearly fifty lifting aids, made the decision to build a new, modern baggage basement and presented eight decisions that will lead to quieter, cleaner and better aviation. Quality over low cost. Quality has a fair price and we have outlined this during the ongoing conversations with every partner involved." Six-million passengers flew to, from or via Schiphol in July 2023, making it the busiest month of the year so far, an increase of 16% compared to July 2022 and a twofold increase compared to 2021 (+98%). Most passengers flew to Spain, the United Kingdom, Greece, Italy and the United States. The number of flights to and from Schiphol was 40,965. That is also an increase compared to 2022 (+14%) and 2021 (+41%). There were 206,198 air traffic movements at Amsterdam Airport Schiphol. A 9% increase compared to the first half year of 2022 (189,506 air traffic movements) yet still 15% below 2019 pre-COVID-19 air traffic movements (242,107). Cargo volumes at Amsterdam Airport Schiphol decreased by 6% to 0.7 million tonnes. (£1.00 = €1.17 at time of publication).

S&P Global Ratings upgrades Delta's credit rating

S&P Global Ratings has upgraded Delta's credit rating, citing the company's financial performance and continued strong demand for air travel. The firm, which evaluates and assigns ratings to companies based on how they measure financial results, upgraded Delta to a "BB+" rating, one step below an investment-grade rating. "The company, along with its mainline peers, has benefited from continuing strong passenger airline demand and industrywide capacity constraints that have led to full planes and high fares," S&P said in its report, issued August 24. "Delta is on pace to generate sharply higher earnings and cash flow in 2023, led by capacity growth and steady operating margin expansion." S&P also noted that its outlook for the U.S. airline market remains positive, and that it expected continued improvement from Delta through 2024 despite cost headwinds. "Delta's credit profile has not fully recovered from the pandemic, but it is getting closer," the report stated. Reducing debt continues to be a priority

OTHER NEWS



Qatar Airways will increase its frequency to New York © Shutterstock

Effective October 30, 2023, **Qatar Airways** will increase frequency to New York (JFK) from two to three daily flights. Offering new connections between New York and more than 80 destinations in the Middle East, Africa, South Asia and Southeast Asia, the new flights will conveniently arrive early morning and depart late evening from New York (JFK). Customers from across the U.S. will also benefit from the enhanced connectivity between JetBlue and Qatar Airways via New York. With three flights per day scheduled in the morning, afternoon and evening, seamless connections from Detroit, Raleigh-Durham, Orlando or Tampa, to Doha, Kathmandu, Bangkok or Johannesburg have never been easier. Members of both loyalty programmes – Qatar Airways Privilege Club and **JetBlue** TrueBlue – can earn miles from each other's expansive codeshare flights. Qatar Airways' strategic partnership with **American Airlines** also continues to expand with American Airlines launching flights from its Philadelphia hub to Doha, starting October 28, 2023. American Airlines' new Philadelphia – Doha services will provide customers with seamless travel options and benefits by connecting to more than 90 cities across North America, Caribbean and Central America, and to more than 80 cities across Africa, the Middle East, South Asia and Southeast Asia. Alaska Airlines and Qatar Airways will also offer customers from the West Coast improved connectivity with significant codeshare expansion and distribution enablement. During the coming weeks, guests will be able to book more destinations beyond Doha.

SAF+ Consortium and the **eFuel Alliance** are cooperating on the ramp-up of climate-neutral electro-sustainable aviation fuel (e-SAF). Greater cooperation among members of the two organisations aims to leverage their respective efforts, strengthen connections and deliver a unified and global message about the many benefits of e-SAF. "The global aviation sector is facing a huge transformation. As a sector that is difficult to electrify, there is no alternative to the use of liquid energy sources in aviation. A rapid ramp-up of renewable fuels is imperative, especially in this sector," said Ralf Diemer, Managing Director of the eFuel Alliance. "At the same time, global competition in aviation requires global solutions. There are few regulations in place around the world that will drive aviation to use synthetic aviation fuels in the long-term. In addition, regional or national regulatory solution do not necessarily help the sector globally. Despite the need for a proper regulatory framework which enables the production and use of eFuels, fuel producers, aircraft manufacturers, airport operators and airlines are called upon to move forward the sector towards climate neutrality in an autonomous and ambitious manner. SAF+ Consortium and eFuel Alliance show that self-initiative is a viable and goal-oriented way forward." SAF+ Consortium, a Canadian world leader in the development of e-SAF project infrastructure, provides best-in-class technology integration to deliver a sustainable and exceptional commercially ready solution for the decarbonisation of the aviation sector. SAF+ Consortium includes partners such as Airbus, Pratt & Whitney, Air Transat, Air France-KLM Group, eFuel Alliance, Aéroports de Montréal and Aéro Montréal. The eFuel Alliance is a major platform for eFuel producers and the potential users of eFuels, including the aviation sector. The Alliance provides support to initiatives like the SAF+ Consortium in addition to its work on the regulatory front. The major goal is to ramp up the production capacity of eFuels to give the aviation sector the tools to organise its pathway to a net-zero future.



© SAF+ Consortium

FINANCIAL NEWS

for Delta. Its strong financial performance in the first half of the year has enabled accelerated debt reduction, with a total of US\$3 billion repaid in the first half of 2023 and a goal of retiring US\$4 billion in debt by the end of the year. Moody's Investor Service, another rating agency, currently has Delta rated investment-grade. Fitch Ratings also has Delta at one step below investment grade. (£1.00 = US\$1.26 at time of publication).

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Milan Bergamo Airport welcomed the addition of **Air Arabia's** connection to Sharjah last December – significantly the airport's first direct link to the United Arab Emirates – and fortified an already strong alliance with the Middle East and North Africa's first and largest low-cost carrier (LCC). The development of the Italian gateway's partnership with the Air Arabia group has positioned Milan Bergamo as one of the airline's main European airports in its network. Launching its first service from Milan Bergamo in 2009 with operations to Casablanca, the long-term success of the Moroccan route has led to the airline group continually strengthening its presence at the airport. Served by Air Arabia, **Air Arabia Maroc** and **Air Arabia Egypt**, Milan Bergamo is the only airport in Europe to claim all three airlines of the group on its carrier roll call. **Dario Nanna**, Commercial Aviation Specialist, SACBO comments: "Milan Bergamo has always been very proud of its long-standing partnership with Air Arabia. The airline has always operated with continuity, efficiency, and reliable

OTHER NEWS

Sabre Corporation has entered into a new strategic alliance with Sydney-headquartered **Airline Rep Services**, part of **CVFR Travel Group**, which will see Airline Rep Services promote Sabre's solutions to travel agents in Fiji and the wider South Pacific islands. This new alliance will bring local representation into Fiji, while growing Sabre's distribution presence across the South Pacific region. With the help of Airline Rep Services, travel agents will be better able



Aerial drone photograph of islands of FIJI in the South Pacific Ocean
© Shutterstock

to access Sabre's advanced technology, including Sabre Red 360. The intuitive interface unlocks a full spectrum of bookable content, including NDC offers, flights and lodging, and insightful information so agents can efficiently create, sell, and service tailored trip experiences. "With strong travel demand in Fiji and the South Pacific islands and airline capacity returning, it is imperative that travel agents across the region have access to the right technological solutions to capture and create demand, streamline operations, grow revenue, and create optimal travel experiences," said Ram Chhabra, CEO, CVFR Travel Group. "Sabre is already incredibly well-known across Asia Pacific, and globally, for its best-in-class technology, so we're thrilled that we have entered into this timely alliance to give agents the solutions they need to meet the sophisticated digital demands of today's traveller." Established more than 30 years ago, CVFR Travel Group has rapidly grown into one of the largest travel operators in Australia. With offices in Sydney, Melbourne, Brisbane, Perth, Auckland, and Fiji, CVFR Group comprises four independent divisions addressing consolidation, airline representation, destination management, and Government Visa outsourcing services. Its office in the city of Nadi on Fiji's main island, will provide a focal point for its new alliance with Sabre, delivering a dedicated space to bring agents together for joint engagements and training.

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OTHER NEWS

connectivity, which has allowed us to gain the loyalty of many communities residing in our catchment area.” Linking Milan Bergamo to four major destinations in Africa and the Middle East, the LCC currently serves Alexandria (weekly), Cairo (daily), Casablanca (nine times weekly), and Sharjah (daily). With a weekly capacity of nearly 4,500 seats, Milan Bergamo is Europe’s second largest airport in terms of seat capacity offered by the Air Arabia group.

Following successful negotiations, **American Airlines** pilots have ratified an improved labour agreement, positioning the carrier as the second major U.S. airline to successfully conclude a revised contract with its highest-compensated employee group. The agreement translates into immediate salary increases of 21% for over 15,000 pilots at American Airlines, with total compensation rising by more than 46% over the duration of the four-year contract, encompassing 401(k) contributions, as announced by their union on Monday. A previous agreement between American Airlines and the union fell through when United Airlines and its respective union reached a more lucrative preliminary deal. However, American Airlines bolstered its proposal the previous month. The newly presented contract received resounding support, with over 72% of American’s pilots voting in favour and an impressive 95% turnout, as reported by the Allied Pilots Association. Notably, the accord introduces enhancements to scheduling and benefits as well. Amidst a shortage of aviators stemming from the impact of the COVID pandemic, pilots have advocated for improved compensation and working regulations from the airlines. American Airlines’ CEO, Robert Isom, remarked, “This agreement will promptly enable American to amplify our pilot training capacity, effectively catering to underutilised aircraft and forthcoming flight operations, while also furnishing our pilots with heightened prospects for career advancement.” Isom made this statement in conjunction with the contract approval announcement.

Swedish electric airplane maker **Heart Aerospace** has joined the **Regional Airline Association** (RAA), a trade association for North American regional airlines and associated businesses. As the leading trade body for the North American regional market, the RAA’s connections and relationships with policy makers will give Heart Aerospace a unique insight and ability to help shape the evolving government policy discussions on battery electric flight. North American regional carriers provide essential connectivity to the regions and the ES-30 is uniquely placed to both reopen lost air markets



Refuelling of a business jet

© Air bp

Refuelling of a business jet. Berlin’s Brandenburg Airport formally opened in November 2020 as the gateway to the German capital region. Its inauguration succeeded the three commercial airports of Tempelhof, Tegel and Schönefeld. Berlin Brandenburg is located in Schönefeld, 18 kilometres south of Berlin. It is spread over 1,400 hectares and has been designed to accommodate 46 million passengers a year. It offers two runways 4,000m × 60m and 3,600m × 45m.

Air bp, the international aviation fuel products and services supplier, is now offering Jet-A1 fuel at Berlin Brandenburg Airport’s (BER) General Aviation (GA) terminal in a newly agreed agency collaboration with **ExecuJet**. Air will bp will refuel aircraft at the GA terminal supported by two Air bp tankers. ExecuJet, part of the **Luxaviation Group**, handles arriving and departing business aircraft at the airport’s GA terminal. Visiting passen-



Drones in service combatting wildfires

© Shutterstock

The **Canadian Provincial Government** will now be helped by **Draganfly**, an award-winning, industry-leading drone solution in relation to firefighting mitigation, preparedness, response, and recovery efforts. Draganfly will be providing drone pilot crews and drone technology to assist emergency services in their mission to protect lives, property, infrastructure and ecosystems. Draganfly’s help will come in the form of conducting night-time missions, identifying fire line breaches, and detecting hidden hot spots using thermal imaging technology. Furthermore, the company’s services will improve the firefighting operations, which protect critical infrastructure, towns, valuable natural resources, and help mitigate air quality hazards from the devastating impact of wildfires. The timing of the contract award could not be better as Canada is currently experiencing unprecedented numbers of wildfires which have already burned more than double the land area from the previous record of 7.1 million hectares torched in 1995. According to the Canadian Interagency Forest Fire Centre (CIFFC) 5,881 fires have been recorded across the country this year so far, roughly 1,000 more than last year. According to CIFFC figures, 1,036 active fires are burning throughout Canada with 652 categorised as “out of control”, 161 as “being held” and 223 considered to be under control. Approximately two-thirds of all active fires are burning in the western province of British Columbia (376) and in the Northwest Territories (237). An additional 143 fires are burning in Yukon, 88 in Alberta and 66 in Ontario. While Canada experiences fires every summer, this year’s blazes have scorched at least 15.3 million hectares (37.8 million acres) of land, nearly ten-times more than 2022.

OTHER NEWS

as well as decarbonising routes flown by the current generation of regional aircraft.” We’re delighted to join the RAA and deepen our commitment to the North American market. We believe that electric and hybrid electric air travel, by offering lower operating costs, can enable airlines to restore and expand connectivity. And this can be achieved with significantly lower emissions compared to conventional aircraft and other modes of transport,” said Anders Forslund, CEO of Heart Aerospace. Heart Aerospace is developing the ES-30, a regional electric airplane with a standard seating capacity of 30 passengers driven by electric motors with battery-derived energy. The ES-30 will have a fully electric zero-emissions range of 200 kilometres, an extended range of 400 kilometres with 30 passengers and flexibility to fly up to 800 kilometres with 25 passengers, all including typical airline reserves. Heart Aerospace has a total of 250 firm orders for the ES-30, with options and purchase rights for an additional 120 planes. The company also has letters of intent for a further 91 airplanes.

The **United States Court of Appeal** has decided to uphold an earlier decision to dismiss a lawsuit brought by **Spirit AeroSystems’** investors. A three-judge panel of the Denver-based 10th U.S. Circuit Court of Appeals ruled 2-1 that investors pursuing the proposed class action against Spirit had not met the “stiff burden” required for allegations of fraud. They claimed that they had been misled over production rates subsequent to the two fatal 737 MAX crashes in 2018 and 2019, respectively, and that critical information had not been released about Boeing’s desire for Spirit AeroSystems to cease delivery of any further shipsets in December 2019. Despite the grounding, worldwide of the 737 MAX as well as the grounding of the aircraft by the US Federal Aviation Administration in March 2019, plus Boeing reducing production from 52 to 42 aircraft per month, the company initially continued to order 52 shipsets a month from Spirit AeroSystems. Shipsets include an aircraft’s fuselage, pylon, wing leading edges, thrust reverser and engine nacelle. According to Reuters news agency, Spirit reassured investors in October 2019 it would continue to produce 52 shipsets for an extended period. The plaintiffs alleged Spirit executives made the reassuring statements about production even though Boeing had privately told Spirit about plans to reduce purchases, something the executives deny. Vice President of Finance, John Gilson resigned in January 2020 after a Spirit review in late 2019 concluded its accounting processes did not comply with established procedures. Spirit AeroSystems said that in 2020 the Securities and Exchange Commission closed its inquiry without recommending any enforcement action.

INDUSTRY PEOPLE



Andrew Rushton

Uniserve has announced the appointment of **Andrew Rushton** as Head of Aerospace. With over four decades of extensive experience in the aerospace industry, Rushton brings a wealth of knowledge and expertise to further strengthen Uniserve’s commitment to serving the unique needs of the aerospace sector. Throughout his distinguished career, Rushton has held pivotal roles with major airlines, aircraft manufacturers, aircraft heavy maintenance facilities (MROs), aerospace OEMs, aviation technical service providers, and flight simulation training organisations. Additionally, his tenure as an International Trade Advisor for a UK government organisation has provided him with valuable insights, allowing him to offer strategic advice to Aerospace SMEs, thus making him a well-rounded and valuable addition to the Uniserve team. In his new role as Head of Aerospace at Uniserve, Rushton will be tasked with overseeing the Aerospace industry vertical and harnessing the global reaching expertise within the group to establish Uniserve as the logistics and supply chain management service provider of choice for the aerospace sector. His strategic vision and dedication to excellence will play a crucial role in strengthening Uniserve’s position as a trusted partner within the sector. “I am delighted to join Uniserve and lead the Aerospace division,” said Rushton. “The aerospace industry is a dynamic and ever-evolving sector that demands agile and reliable logistics solutions. I look forward to engaging with key aerospace professionals, understanding their unique challenges and priorities, and ensuring that Uniserve continues to adapt and provide unmatched flexibility and agility in supporting our aerospace customers.”

• Finnair’s CEO, **Topi Manner**, has given notice of his resignation from the company to join Elisa Corporation as its new CEO, starting at the latest on March 1, 2024. Until then, Manner continues as normal in his CEO role at Finnair. “Topi Manner has done a stellar job with his team in leading Finnair through the double crises of the COVID-19 pandemic and the closure of Russian airspace. I want to thank Topi warmly for his leadership during the past, very difficult years. Finnair has emerged from the double crises as a strong airline, as witnessed

by our Q2 financial performance”, says **Sanna Suvanto-Harsaee**, the Chair of Finnair Board of Directors. “The Finnair team has shown their ability to adapt and transform, and we are in an excellent position to continue to connect Asia, Europe and North America. I wish Topi the best of success in his new chapter.” “My time at Finnair has been characterised by the exceptional crises we faced. This has been the ultimate stress test for the entire Finnair team. I am extremely proud of the way our organisation has responded, adapted, and succeeded. It has been an honour to be a part of this team effort and feel the Finnair spirit”, says Topi Manner. “When I move to my new challenge, I will take many learnings with me. Finnair will always remain important for me. Meanwhile, I am committed to continue to lead Finnair with my strong team for the rest of my time with this excellent company.” The search for Manner’s successor has already started.

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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@aelc.aero	
CF34 Engines	Sale / Lease	Company	Contact	Email	Phone
CF34-8E5	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
CF34-10E5	Now - Lease				
CF34-8C5	Now - Lease				
(2) CF34-3A	Now - Sale	GNS	Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511
(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

CF6-80 Engines	Sale / Lease	Company	Contact	Email	Phone
(4) x CF6-80E1A4B	Q4/2023 - Sale	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B3/3	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiaaviation.com	+1 786-785-0777
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-5B3/P	Now - Lease				
(1) CFM56-5B1/P	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(1) CFM56-5B4/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(3) CFM56-5C4	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-7B27/3	Now - Lease				
(1) CFM56-5B4/P	Now - Sale/Lease/Exch.	AeroDirect	Sean Miller	SMiller@aerodirect.com	+1.404.229.3723
(1) CFM56-5B2/P	Now - Sale/Lease/Exch.				
(4) CFM56-5B5/P	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7040
(1) CFM56-5B4/P	Now - Sale / Lease				
(5) CFM56-5B6/P					
(2) CFM56-7B26/3	Now - Sale / Lease				
(1) CFM56-7B26	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-5B4/P	Now - Lease				
(2) CFM56-5B4/3	Now - Lease				
(2) CFM56-5B4/3	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
GE90 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) GE90-94B	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(2) GE90-94B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(3) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) LEAP-1A26	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
PW1100G Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW1100G-JM	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) PW1521G-3	Now - Lease				
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) PW4168A	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(1) PW4168A	Q4/2022 - Sale	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493

THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
PW121	Now - Sale	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW127F	Now - Sale				
PW150A	Now - Sale / Lease				
PW127M	Now - Lease				
(1) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(2) Trent 772B-60	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) Trent XWB-84	Now - Sale/Lease/Exch.				
(1) Trent 556-61	Now - Sale/Lease/Exch.				
(3) TRENT-772B-60	Q4/2023 - Sale / Lease	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) V2527-A5	Q3/2022 - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) V2533-A5	Now - Sale/Lease/Exch.				
(1) V2527-A5	Now - Sale/Lease/Exch.	AeroDirect	Sean Miller	SMiller@aerodirect.com	+1.404.229.3723
(3) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	Now - Lease				
(1) V2533-A5	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaaviation.com	+1 786-785-0777
(1) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(1) V2527-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(2) V2527-A5	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(2) GTC331-200ER, (2) GTC331-9A,	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) GTC331-9B					
(1) A321 Enhanced Landing Gear 2020 OH					
(1) GTC336-150	Now - Sale	GNS	Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511
(3) A320 LG Shipsets, (1) A320 NLG, (5) A340 LG Shipset		GA Telesis		landinggearsales@gatelesis.com	
(1) A321 LG Shipset, (4) 767 LG Shipset					
(1) 777-200 LG Shipset, (2) 737 LG-Shipset					
GTC331-9A (2), GTC331-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTC331-200, GTC331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
(1) GTC331-500B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) APS2300, (1) APS3200	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(2) APS3200B, (1) APS3200C		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(1) 131-9A, (4) 131-9B					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com	+1-954-676-3111
(2) APU GTC331-9B	Now - Sale / Lease	Willis Lease	Gavin Connolly	gconnolly@willislease.com	+44 1656 765 256
Engine stands now available	Now - Lease				
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368



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