

# Weekly Aviation Headline News

## WORLD NEWS

### ACN Aero Teknik expands Indonesian footprint

ACN Aero Teknik has signed an agreement with local authorities that lays out plans to establish an MRO facility at Kertajati International Airport in West Java. The second agreement is for the development of a one-stop experience facility including an airport transit hotel, shopping mall, food court and exhibition centre at the facade of the airport building covering 15,000 sqm of land space. Kertajati Aircraft Maintenance will be the first MRO hangar present at Kertajati International Airport.

### Avelo Airlines deploys robots to deliver UV-C disinfection

Avelo Airlines, America's newest airline, announced an innovative partnership with Ottawa-based Aero HygenX to deploy leading-edge autonomous ultraviolet light (UVC) robots to disinfect its aircraft fleet to combat COVID-19. Aero HygenX is the pioneer in autonomous UVC disinfection technology for the transportation industry. Avelo uses the RAY robots as part of its daily disinfection of its six Boeing Next-Generation (NG) 737 aircraft.

### Sabre terminates distribution agreement with Aeroflot

Sabre announced it has terminated its distribution agreement with Aeroflot, the flag carrier in Russia. Sabre is taking immediate steps to remove Aeroflot flight content from its global distribution system (GDS), a marketplace used by travel agencies, travel websites and corporations around the world to shop, book and service flight reservations.



Fleet modernisation to the 777F is completed.

Photo: Lufthansa Cargo

## Lufthansa Group expecting strong travel season

### While cargo division again posts record results

The Lufthansa Group is expecting summer capacity on short and medium haul routes to be almost back to 2019 levels. The Group generated revenue of 16.8 billion euros in the fiscal year 2021, around 24 percent more than in the previous year (previous year: 13.6 billion euros).

Carsten Spohr, CEO of Deutsche Lufthansa AG said the Lufthansa Group used the past financial year to further renew itself. "We have decisively and consistently advanced and implemented the transformation and restructuring of the company. Today, the Lufthansa Group is more efficient

and more sustainable than before the pandemic.

"We are very certain that air traffic will experience a strong upswing this year. Our strategy of expanding the private travel

**"We are very certain that air traffic will experience a strong upswing this year."**

*Carsten Spohr, CEO Deutsche Lufthansa*

segment has proved successful and is paying off. People want to travel. They seek and need personal contact - especially after two years of pandemic and the associated social restrictions.

The pent-up demand for leisure and business travel was already significantly noticeable in 2021 - and this trend is set to intensify in 2022."

An increase in passengers, the transformation and restructuring of the company, and the associated cost reductions contributed to a significant improvement in earnings. Meanwhile, Lufthansa Cargo has posted record results for a second year in a row. Adjusted EBIT year-on-year grew to 1.5 billion euros (previous year: 772 million euros). This is the best result in its history.

*Continued on page 3*

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# TRANSITIONING out of 737NG or A320 fleets? FORECASTING engine maintenance costs?

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Dorothea von Boxberg, Chairman of the Executive Board and CEO of Lufthansa Cargo commented: "In 2022, Lufthansa Cargo will focus on sustainability and the ongoing decarbonisation of airfreight logistics. We are pleased to welcome numerous interested parties to our sustainable aviation fuel offerings and aim to expand the use of sustainable aviation fuels with various customers. In 2022, we will also

begin to equip our freighters with Sharkskin technology, which will help us save fuel. In the area of digitalisation, we are working at full speed to convert to fully electronic air waybills, among other things." Last year, Lufthansa Cargo successfully implemented important projects of its corporate strategy. For example, the fleet modernisation to a pure, highly efficient B777F freighter fleet was completed. This

currently comprises fifteen aircraft, two of which were newly flown last year. The twin-engine Boeing 777F is considered the most efficient, modern freighter in its class. In addition, Lufthansa Cargo distributes the additional load capacities of Lufthansa, Austrian Airlines, Brussels Airlines, Eurowings Discover and SunExpress.

**AIRCRAFT & ENGINE NEWS**

**EU sanctions will see hundreds of leases cancelled for Russian planes**

Multiple lessors are set to terminate lease agreements with Russian airlines by March 28 following sanctions imposed by the EU. It is estimated that 777 of 980 commercial passenger jets currently in operation are leased, of which 515 jets with an estimated value of £7.5 million are rented from foreign companies in the predominantly Ireland-based industry. Lessors affected include AerCap with roughly 5% of its fleet by net book value leased in Russia at the end of 2021. The company has 152 planes combined on lease in Russia and Ukraine. Russian airlines which are clients of AerCap include Aeroflot, S7 Airlines, Rossiya, Azur Air and Ural Airlines. The world's second-biggest leasing company, Avolon, has under 20 airplanes in Russia and a couple in Ukraine from a total fleet of over 550 aircraft. BOC confirmed that it had 18 planes, representing 4.5% of its owned fleet, based in Russia, which have been placed with Aeroflot subsidiary Pobeda as well as Ural Airlines, S7 Airlines and AirBridgeCargo Airlines. It is believed that Dubai Aerospace Enterprise (DAE) has a minimum of three Russian airline customers, including Aeroflot, based on its website's details. While cancelling the leases may be straightforward, retrieving the planes may not be so simple with the potential for Russian carriers and Russian aviation authorities failing to comply. In addition, with the EU and the UK having banned all Russian-owned, leased or chartered aircraft from using its airspace, and Russia having retaliated by closing its airspace to all UK and EU aircraft, getting to the aircraft to repossess them may also be difficult and potentially dangerous.

**Norwegian and AerCap sign lease agreements for ten Boeing 737 MAX 8 and eight Boeing 737-800 NG aircraft**



Norwegian Boeing 737 MAX

Photo: AerCap

AerCap has signed agreements with Norwegian Air Shuttle ASA for the lease of ten new Boeing 737 MAX 8 aircraft and eight Boeing 737-800NG aircraft. The aircraft are scheduled to deliver in 2022 and 2023. Norwegian has a long-standing relationship with AerCap, one of the largest aviation leasing companies. With the addition of these aircraft, Norwegian will have a total fleet of 80 aircraft by the summer of 2023. "The addition of these aircraft will help us achieving our target of building a larger, modern and more fuel-efficient fleet. This will in turn enable us to deliver our products and services in a wide network of routes in the Nordics and to European destinations," said Geir Karlsen, CEO of Norwegian. Norwegian has previously announced several lease agreements that will increase its fleet from the current 51 aircraft to this summer's fleet of 70.

**BOC Aviation purchases 11 Boeing 737 MAX 8 aircraft for lease to Lynx Air**

BOC Aviation has agreed to purchase 11 new Boeing 737 MAX 8 aircraft from Boeing. The aircraft will be leased to Lynx Air (Lynx) on long-term leases. The aircraft will be powered by CFM LEAP-1B engines and are scheduled for delivery in 2023 and 2024. "We are pleased to be partnering with BOC Aviation for the lease of 11 of our new aircraft," said Merren McArthur, CEO, Lynx Air. "The financing of these aircraft is integral to our growth plans as we continue our mission to make air travel accessible to all Canadians. We are looking forward to welcoming Canadians on board these brand-new Boeing 737 MAX airplanes."



BOC Aviation will lease 11 Boeing 737 MAX 8 aircraft to new Canadian airline Lynx Air  
Photo: Lynx Aviation

**AIRCRAFT & ENGINE NEWS**

**Tradewind Aviation orders 20 new PC-12 NGX aircraft**



*Photo: Pilatus Tradewind Aviation has ordered 20 brand-new PC-12 NGX aircraft from Pilatus*

Tradewind Aviation has signed an order for 20 new PC-12 NGX aircraft, expanding its fleet of Pilatus PC-12s to 38 – one of the largest in the global aviation industry. The first single-engine turboprop is slated for delivery in the third quarter of 2022, with the remaining orders scheduled to deliver over the next five years at a rate of three to four PC-12 NGXs per year. Tradewind Aviation, a market leader in regional air mobility, has operated both on-demand private charter and scheduled “shuttle” service throughout the US and Caribbean since 2001. In addition to strengthening Tradewind’s long-standing relationship with the Swiss aerospace manufacturer, the purchase will enable the private aviation company to significantly grow and enhance its Pilatus fleet, benefitting both clientele and crew members alike. The latest version of the PC-12, the NGX boasts a completely redesigned and modernised cabin, featuring larger windows and versatile BMW Designworks seating, making for a more enjoyable and productive passenger experience. Its powerful Pratt & Whitney Canada PT6 E-Series engine and advanced single-pilot avionics system automate

the flight controls, allowing for lower fuel burn and less noise. The innovative and efficient features of the PC-12 NGX correlate with Tradewind’s commitment to sustainability and new carbon offset programme, which will allow its customers to access remote destinations while combatting climate change.

**MRO & PRODUCTION NEWS**

**Milestone Aviation partners with Helitak to develop aerial fire-fighting mission capabilities for S-92A helicopter**

Milestone Aviation Group (Milestone), a global leader in helicopter leasing, has partnered with Australian fire-fighting equipment designer, Helitak Firefighting Equipment (Helitak), to develop a new mission for the Sikorsky S-92A as a next-generation, multi-purpose fire-fighting platform. As the largest owner of the S-92A, Milestone worked closely with Helitak to develop the innovative FT5000, a lightweight 4,000-litre (1,050 US gallons) collapsible belly-mounted fire suppression tank specifically designed for the helicopter. The first S-92A equipped with the FT5000 will be on static display at the upcoming HAI Heli-Expo in Dallas, Texas. The S-92A is a global leader in high-capacity civilian passenger transport services as well as search and rescue programmes, with over 1.8 million overall fleet hours. Its next-generation avionics and dynamic cabin layout means that in addition to dropping water, it will be capable of transporting crews of up to 19 firefighters to the front lines of wildfire events. The S-92A’s rear-loading cargo ramp and spacious cabin also offers operators the ability to quickly reconfigure the aircraft from passenger and equipment transfers to cargo hauling or medevac services.



*Photo: Helitak image*

MRO & PRODUCTION NEWS

**ST Engineering and VietJet Air sign MBH contract to provide component support**

ST Engineering, the global technology, defence and engineering group, has signed a comprehensive component Maintenance-By-the-Hour (MBH™) contract to provide Vietnam’s largest Private carrier, VietJet Air, with a full suite of component support solutions for its entire fleet covering component pooling, repair, overhaul, modification, main base kits, component health monitoring and logistics services. Globally recognised for its hallmark component MBH™ programmes, currently ST Engineering provides support for over 900 aircraft with integrated component solutions for over 23,500 unique aircraft parts. ST Engineering is also the authorised service centre to over 20 leading OEMs. Its Commercial Aerospace business provides round-the-clock support and delivers more than 80,000 components annually from its component MRO facilities located in Singapore, Hanoi and Ho Chi Minh City in Vietnam, plus Stockholm, Sweden.



Photo: Signing ceremony between ST Engineering and VietJet

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**MRO & PRODUCTION NEWS**

**Air Sial entrusts the APUs of its Airbus A320s to EPCOR**

Air Sial has signed an exclusive long-term contract with EPCOR for the comprehensive maintenance of the auxiliary power units (APUs) equipping its fleet of three Airbus A320 aircraft. EPCOR has designed an adaptive, competitive offer for its new customer, adapted to the needs of a young airline. As part of the AFI KLM E&M network, EPCOR will provide Air Sial with its airline-MRO mindset: the benefits of its first-rate technical know-how, as well as its experience as an operator in the management of the maintenance plan. In order to secure its operations and limit the aircraft on ground (AOG) risks, Air Sial will be able to rely on PROGNOS® for the APU, the predictive maintenance solution developed by EPCOR. Maintenance services will be delivered by EPCOR, the AFI KLM E&M subsidiary that is recognised worldwide for its expertise on a wide range of APU solutions. Thanks to this extensive know-how, Air Sial will benefit from a single point of contact to facilitate its operations. Indeed, the particularity of its fleet is that it includes both Pratt & Whitney APS3200s and Honeywell GTCP131-9As, two types of APU for which EPCOR is a leading dual-licensed APU MRO.



*Photo: Air Sial has signed a long-term contract with EPCOR for the maintenance of the APUs of its A320 fleet*

**ATSG enters commitment with EFW for 29 A330P2F conversions**



Air Transport Services Group (ATSG) has committed to a total of 29 Airbus A330 Passenger-to-Freighter (P2F) conversions  
*Photo: EFW*

Air Transport Services Group (ATSG) has committed to a total of 29 Airbus A330 Passenger-to-Freighter (P2F) conversion slots with Elbe Flugzeugwerke (EFW), centre of excellence for Airbus freighter conversions and a joint venture between ST Engineering and Airbus. The commitment reflects a strategic step by ATSG to diversify its existing in-service fleet of 117 aircraft with the addition of next-generation wide-body freighters. The A330P2F conversions for ATSG will be performed from mid-2023 through 2027 mainly at EFW's facility in Dresden, Germany and at a new conversion site to be set up in Shanghai, China. Multiple conversions will be carried out in parallel. Similar to the latest conversion programmes, the A321P2F and A320P2F, the A330P2F programme is a collaboration between ST Engineering, Airbus and EFW, which is leading the overall programme as well as marketing and sales efforts. To meet the rising demand for freighter conversions, ST Engineering and EFW are setting up new conversion sites in China and the US this year and are ramping up conversion capacity for all their Airbus P2F programmes to about 60 slots per year by 2024.

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**MRO & PRODUCTION NEWS**

**StandardAero signs agreement to purchase and stock Gogo AVANCE L3 and L5 systems**

StandardAero has signed a volume purchase agreement with Gogo for delivery of AVANCE L3 and L5 systems, opening up more availability for operators seeking installations. StandardAero offers Gogo AVANCE L3 and L5 installation slots for Dassault Falcon, Bombardier, Hawker, Gulfstream, Embraer and Citation business jet operators from the U.S. and Canada. Upgrades are managed at StandardAero’s Centres of Excellence in Houston, TX, Springfield, IL, and Augusta, GA. “Gogo AVANCE systems are top sellers, and we foresee this trend to continue through 2023,” said Robert Randall, Director of Avionics Sales. “In a world still experiencing supply chain woes, we’ve taken the steps to ensure customers won’t face production delays and our sites will be stocked with Gogo AVANCE L3 and L5 systems, ready for installation.” StandardAero has performed more than 350 Gogo cabin connectivity upgrades in nearly two decades as a Gogo Biz network dealer partner. Gogo AVANCE L3 and L5 systems are cabin connectivity solutions designed to meet individual connectivity requirements, enabling customers to perform daily network activities in the sky, as they do in their home or businesses. Gogo’s in-flight broadband experience includes video conferencing, text messaging and chat, email, web surfing, access to mobile apps and streaming of audio and video entertainment. Onboard crew and ground support can also use real-time data and remote diagnostics using the onboard connectivity system.

**GKN Aerospace successfully tests new lightweight Turbine Rear Structure concept**

GKN Aerospace engineers in Trollhättan, Sweden, have successfully tested a new lightweight demonstrator of a Turbine Rear Structure (TRS) as part of the Clean Sky-2 Engines research Programme. The purpose of a TRS is to manage the flow from the engine’s low-pressure turbine and maximise the axial thrust. It is a key component in improving the efficiency of an aeroengine. Innovative design and state-of-the-art manufacturing methods resulted in a shorter and lighter structure compared to a traditional TRS. This was achieved by using a novel metallic alloy with higher temperature capability, as well as both metal casting and 3-D-printed technology. The optimised balance between aerodynamic performance, weight and mechanical properties demonstrates a significant (14%) weight reduction potential, contributing to lower carbon emissions of

**Joramco and DHL renew maintenance agreement**

Joramco, the Amman-based MRO provider, has announced the continuation of its maintenance agreement with the global delivery company DHL, which commenced in 2017. The new deal covers heavy checks on four of DHL’s Airbus A300-600 wide-bodied aircraft. The first freighter plane arrived in Amman February 2022 and will be followed by three more scheduled for nose-to-tail checks starting May 2022. This was announced during the MRO ME 2022 tradeshow where Joramco is an annual participant.



Photo: Joramco will perform heavy checks on four of DHL’s Airbus A300-600 wide-bodied aircraft

**Iberia Maintenance awarded V2500 engines contract from Qatar Airways**



V2500 engine

Photo: Iberia Maintenance

more than 52,000 m<sup>2</sup> dedicated to MRO and engineering services. Iberia Engine Workshop serves airlines and lessors around the world, provides a high-quality service and offers a very differentiated and competitive programme for the V2500 engines in terms of TAT (turnaround time) and efficiency.

Iberia Maintenance has been awarded a ten-year contract for the repair and maintenance of V2500 engines from Qatar Airways. This strategic agreement will result in scheduled visits over ten years. All events will be carried out at Iberia Maintenance’s engine workshop at its facilities next to Madrid airport, with

the engine. The complex component was manufactured with laser-welded assembly methods and additive manufacturing technology at GKN Aerospace’s Global Technology Centre in Sweden. Collaboration partners include the regional manufacturing technology centre PTC/Innovatum, while aerodynamic validation took place at a unique test facility at Chalmers University, funded by Vinnova through the SE NFFP programme. Brogren Industries (SME), also funded by Vinnova in the national SE Innovair

programme INTDEMO MOTOR, provided supporting activities.

**MTU Aero Engines now positioned to provide overhaul services for PW1500G and PW1900G engines**

MTU Aero Engines and Pratt & Whitney have signed an agreement to grow the company’s MRO capabilities for all Pratt & Whitney GTF™



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**MRO & PRODUCTION NEWS**

engines in service today. MTU is now positioned to supply overhaul services for two additional engine models: the PW1500G for the Airbus A220 family and the PW1900G for Embraer E190-E2 and E195-E2 aircraft. The contract further expands MTU's role in the GTF MRO network beyond PW1100G-JM for the Airbus A320neo family. In the future, EME Aero, a maintenance joint venture between MTU and Lufthansa Technik that is based in Rzeszów, Poland, will perform shop visits for PW1900G in addition to PW1500G engines. Beyond that, MTU is also a part of the Pratt & Whitney network for repair services. The contract is set to run over the lifespan of the engine programme.

**FINANCIAL NEWS**

**IAG Cargo 2021 revenue up 30%**

IAG Cargo, the cargo division of IAG (International Airlines Group) has reported record financial results for 2021, with annual revenues of €1,673 million for the period from January 1 to December 31, 2021. The results reflect the surging demand for air cargo capacity as global trade rebounds. The 2021 revenues represent an increase of 30% at constant currency versus the same period last year. Overall yield for 2021 was up 11.3% at constant currency versus 2020. Sold tonnes were up 21.4%. Throughout 2021, IAG Cargo reshaped its business to take advantage of the strong cargo market and actively repurposed Group capacity where appropriate. Demand for air cargo exceeded 2019 levels throughout 2021. The business continued to align its network to customer demand, supporting customers with cargo-led flying, increasing frequencies on important trade routes and implementing an active charter programme of 745 rotations. In the second half of the year IAG Cargo saw momentum build with capacity starting to return as the economic recovery from the COVID-19 pandemic gained ground. IAG Cargo closed the year very strongly, achieving a Q4 record revenue of €499 million up from €389 million in Q4 of 2020. (£1.00 = €1.20 at time of publication).

**Sabre completes divestiture of AirCentre airline operations portfolio**

Sabre Corporation, a leading software and technology provider that powers the global travel industry, has successfully closed the previously announced agreement to sell its AirCentre airline operations portfolio to CAE, a technology leader in digital flight and crew operations. The transaction, valued at US\$392.5 million (£293 million), includes the

**Embraer and German Airways sign pool programme extension agreement**



E190 jet in German Airways livery

Photo: Embraer

Embraer has signed a multi-year contract extension with German Airways for the Pool Programme. With this agreement, German Airways will receive support for a wide range of repairable components for the airline's fleet of five E190 jets. Currently, Embraer's Pool Programme supports more than 50 airlines worldwide. German Airways is a German airline and a leader in the European wet-lease market. Currently, it serves several European airlines, all of which utilise comfortable, highly economic and modern E190 jets. Embraer provides support to airlines worldwide with its technical expertise and its vast component services network. The results are significant savings in repair and inventory carrying costs and a reduction in warehousing space and resources required for repair management, while ultimately providing guaranteed performance levels. Embraer Services & Support's portfolio offers a wide range of competitive solutions designed for each customer to support the growing fleet of Embraer aircraft worldwide and to deliver the best after-sales experience in the global aerospace industry.

**Jet Aviation gains EASA approval for Gulfstream G650 maintenance in Vienna**



Jet Aviation's Vienna base now performs maintenance on Gulfstream G650 jets

Photo: Jet Aviation

Jet Aviation's maintenance facility in Vienna has received approval from the European Aviation Safety Agency (EASA) to perform line maintenance on Gulfstream G650 aircraft. Jet Aviation Vienna is a factory-authorised service facility for Gulfstream-series aircraft. The company received EASA approval for G500/G600-series aircraft in September 2021, shortly after redelivering its first base maintenance check on a Gulfstream G550. The maintenance facility operates from a 4,000 m<sup>2</sup> hangar facility, supporting scheduled and unscheduled maintenance as well as off-site AOG services for a wide range of mid-size business aircraft. Jet Aviation is a wholly owned subsidiary of General Dynamics with some 4,000 employees and 50 locations worldwide. Jet Aviation's offerings include aircraft management, aircraft sales, charter, completions, defence, FBO, maintenance and staffing.

**FINANCIAL NEWS**

Sabre AirCentre product portfolio, related technology and intellectual property as well as the transfer of AirCentre’s highly talented team members from Sabre to CAE. The divestiture of AirCentre supports Sabre’s effort to streamline its product portfolio in order to focus more intently on its ongoing technology transformation as well as plans to identify and maximise new revenue opportunities for the company and its customers.

**MILITARY AND DEFENCE**

**Leonardo signs €380 million contract for technical-logistical support of Italian Air Force’s C-130J fleet**

The Aeronautical Armaments and Airworthiness Directorate (DAAA) has approved a contract for the technical-logistical support of the Italian Air Force’s C-130J Super Hercules airlifter fleet. The agreement, which lasts five-years and is worth a total of €380 million (£317 million), was signed on Jan. 28, 2022, between the Italian Air Force and the Temporary Business Grouping (RTI) formed by Leonardo, Avio Aero and Lockheed Martin Aeronautics. Contract activities, as defined by the Logistic Command’s 2nd Division, include the implementation of a technical-logistical model that provides integrated logistical support (ILS), “in house” engineering support and “on-site” support through operational technical representatives at the 46th Air Brigade in Pisa. Aircraft maintenance activities, planned and managed by at the Air Force Logistic Command’s 11th Maintenance Depot in Sigonella, are also envisaged at Leonardo’s plant in Tessera near Venice and Avio Aero plant in Brindisi as complementary support to those provided on the Pisa base, as well as repairs, spare parts, material logistics, inspection activities, software and technical publications maintenance and updates.

**OTHER NEWS**

**GA Telesis** has announced the expansion of its fast-growing **Flight Solutions Group** to include the newly formed **Power Solutions** team. Power Solutions will manage the overall APU asset management, trading and USM distribution segment, including LRUs. The current portfolio of managed product lines includes all **Airbus** and **Boeing** platforms and within weeks, will also add the regional jet market to its capabilities. Power Solutions will offer a wide range of the most popular **Honeywell** and **Pratt & Whitney** APUs currently on the market. The newly formed team can procure, sell and tear down all APU variants,

**FINANCIAL NEWS**

**Ethihad Airways reports significant financial improvement for 2021**



Photo: Etihad Airways

Ethihad Airways has reported its business results for 2021, recording a strong recovery in passenger operations along with a significant improvement in financial performance, posting a much-reduced loss of US\$476 million for 2021 (2020: US\$1.70 billion). The airline carried 3.5 million passengers in 2021, with an average seat load factor of 39.6%.

Passenger loads doubled in the second half of the year, reaching 70.1% in December as travel demand peaked during the winter holiday period. The airline recorded a particularly strong surge in passenger volumes in Q4 following the September relaxation of mandatory quarantine periods in Abu Dhabi. Etihad Airways posted passenger revenues of US\$1.07 billion in 2021, down by 14% year-on-year. While ongoing travel restrictions and new variants of the virus dampened demand, the airline saw passenger revenues bounce back in the last quarter of the year, recovering to 50% of 2019 levels in December. Cargo operations meanwhile continued to outperform expectations, with a 27% year-on-year increase in freight carried in 2021 (729,200 tonnes) coupled with a rise in cargo revenues of 49% to US\$ 1.73 billion, the highest figure in the history of the airline. (£1.00 = US\$1.34 at time of publication).

**WestJet to acquire Sunwing Vacations and Sunwing**

WestJet and Sunwing have reached a definitive agreement under which the WestJet Group of companies will acquire Sunwing Vacations and Sunwing Airlines. The transaction will bring together two distinctly Canadian travel and tourism success stories to deliver new travel options and greater value for travellers in the rapidly expanding leisure and work-from-anywhere travel markets. The combination will enable both companies to



WestJet has acquired Sunwing Vacations and Sunwing Photo: AirTeamImages

protect and create jobs and rebuild strength in the Canadian travel industry at a critical time. Following the close of the transaction, a new tour operating business unit will be created under the WestJet Group, to include both Sunwing Vacations and WestJet Vacations and will be led by Sunwing CEO Stephen Hunter. Sunwing’s current shareholders will become equity holders in the WestJet Group. Canadian travellers will have access to more competitive fares and affordable vacation packages through the combined strength of the companies. The tour operator business will be headquartered in Toronto, with a Quebec head office in Laval and the business will continue to market the Sunwing brand alongside WestJet Vacations. The WestJet Group will maintain its head office in Calgary. The WestJet Group of companies will expand to include Sunwing Airlines. This will add increased capacity, dedicating otherwise seasonal aircraft to operate year-round in Canada, instead of Sunwing supplementing seasonal demand with imported aircraft, which translates into more jobs for Canadians. This acquisition will improve the WestJet Group’s ability to offer more affordable fares by immediately expanding its low-cost footprint in Canada. “This is an exciting moment for WestJet, Sunwing and Canada’s travel industry,” said Alexis von Hoensbroech, CEO of WestJet. “We are bringing together two highly complementary businesses with powerhouse brands to strengthen our successful leisure business and deliver greater value to our guests.”

**OTHER NEWS**

as well as create one-hour exchange and lease options for the customer base. In addition, and unique to the industry, the Power Solutions team can create tailored finance solutions that fit the customer's entire APU stock provisioning requirements long-term.

The closure of Russian airspace is causing considerable changes in **Finnair's** traffic. Finnair has called employee representatives to discuss plans regarding possible furloughs of up to 90 days, which, if implemented, would impact Finnair flight crews. The estimated need for additional monthly furloughs for pilots ranges from 90 to 200 and for cabin crew from 150 to 450 employees starting from April. The final furlough need, however, depends on how the exceptional situation progresses and what mitigations can be found and will be defined during the negotiations. The negotiations concern all 2800 pilots and cabin crew members in Finland. In addition, Finnair is evaluating the impacts regarding employees outside Finland in those destinations where the availability of work is estimated to decrease. Russia issued a notam (notice to airmen) on Monday February 28, regarding the closure of Russian airspace from Finnish aircraft until May 28, 2022. Finnair has now cancelled all of its flights to Russia until May 28 and has so far cancelled several of its Asian flights until March 6, 2022. Finnair currently flies to Singapore, Bangkok, Phuket, Delhi and as of March 9 to Tokyo, avoiding Russian airspace and is currently evaluating possibilities to operate a part of its flights to Korea and China with an alternative routing. At the same time, Finnair is preparing an alternative network plan in case the situation in Russia is prolonged.

The **International Air Transport Association (IATA)** has released the February update to its long-term forecast on air travel. It is now expected that 4 billion travellers will be flown, globally, in 2024 with any multi-sector connecting trips counting as one. That figure is approximately 103% of the total number of air travellers in 2019. While certain restrictions imposed by some governments have recently affected near-term recovery, the long-term predictions remain unchanged and unaffected by the effects of the Omicron variant on recent travel. "The trajectory for the recovery in passenger numbers from COVID-19 was not changed by the Omicron variant. People want to travel. And when travel restrictions are lifted, they return to the skies. There is still a long way to go to reach a normal state of affairs, but the forecast for the evolution in passenger numbers gives good reason to be optimistic," said Willie Walsh, IATA's Director General.

**MILITARY AND DEFENCE**

**France and Spain launch Tiger MkIII programme**

OCCAR (Organisation for Joint Armament Cooperation), on behalf of the French and Spanish Armament General Directorate, the DGA (Direction Générale de l'Armement) and the DGAM (Dirección General de Armamento y Material) has awarded a contract to Airbus Helicopters for the development, production and initial in-service support of the Tiger MkIII attack helicopter upgrade programme. The contract includes the upgrade of 42 aircraft for France (with the possibility to add another 25 helicopters) and 18 for Spain. In addition, the contract provides the possibility for Germany to later join the Tiger MkIII programme. The first prototype is scheduled for an inaugural flight in 2025. First delivery to the French Armament General Directorate (DGA) will take place in late 2029 followed by a first delivery to Spain in 2030. Development and upgrade work will be conducted in Airbus Helicopters facilities in Albacete (Spain), Marignane (France) and Donauwörth (Germany).



Tiger MkIII helicopter

Photo: Airbus Helicopters

**OTHER NEWS**



Photo: Inauguration of the Airbus Flight Academy Europe in Angoulême, France

Airbus subsidiary **Airbus Flight Academy Europe (AFAE)** now has new and fully operational facilities in Angoulême in the south-west of France. Set in 4.7 hectares of grounds, the new, purpose-built facilities which includes a new building of approx. 3200m<sup>2</sup> will be solely dedicated to the training of new pilots with 14 classrooms and briefing rooms, a simulator hall, an auditorium

and a restaurant. During the opening ceremony it was also announced that Barcelona-based Volotea will be the first carrier to recruit AFAE-qualified pilots. "This is a very important day for Volotea, as we are taking cadets directly from the Airbus Flight Academy Europe for the first time. We're all very excited by it as we know the programme quality is of a very high standard, adapting perfectly to Volotea's training philosophy, said Carlos Muñoz, CEO Volotea." AFAE began operations in 2019 and its Ab Initio Training Programme will see 11 newly qualified pilots join Volotea from April-May this year. The new premises provide AFAE, which is the first flight school to deliver the Airbus Pilot Cadet Training Programme in Europe, with a ramped-up capacity to simultaneously train up to 200 pilot cadets. The new training facilities underscore Airbus' commitment to airline customers to help meet the demand for an anticipated 550,000 new pilots over the next 20 years, as outlined in the Airbus GMF 2021-2040. The Airbus Pilot Cadet Training Programme is open to high school graduates worldwide who are over 18 years of age. Candidates will undergo online and on-site screening tests prior to becoming eligible for training which will involve 750+ hours of ground school and 200 hours of practical (flight and simulator) training.

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**OTHER NEWS**

February's update includes the following figures: In 2021, overall traveller numbers were 47% of 2019 levels. This is expected to improve to 83% in 2022, 94% in 2023, 103% in 2024 and 111% in 2025. In 2021, international traveller numbers were 27% of 2019 levels. This is expected to improve to 69% in 2022, 82% in 2023, 92% in 2024 and 101% in 2025. In 2021, domestic traveller numbers were 61% of 2019 levels. This is expected to improve to 93% in 2022, 103% in 2023, 111% in 2024 and 118% in 2025. According to the IATA website "The forecast does not calculate the impact of the Russia-Ukraine conflict. In general, air transport is resilient against shocks and this conflict is unlikely to impact the long-term growth of air transport. It is too early to estimate what the near-term consequences will be for aviation, but it is clear that there are downside risks, in particular in markets with exposure to the conflict. Sensitivity factors will include the geographic extent, severity, and time-period for sanctions and/or airspace closures. These impacts would be felt most severely in Russia, Ukraine and neighbouring areas. Pre-COVID-19, Russia was the 11th largest market for air transport services in terms of passenger numbers, including its large domestic market. Ukraine ranked 48. The impact on airline costs as a result of fluctuations in energy prices or rerouting to avoid Russian airspace could have broader implications. Consumer confidence and economic activity are likely to be impacted even outside of Eastern Europe."

**Pentagon 2000 Software**, a provider of fully integrated MRO and supply chain software solutions for the Aerospace & Defense industry, has released an upgraded version of the PickMaster mobile app. The PickMaster app supports both pre-assigned picking operations as well as manual user designated picking. Users can sort their picking assignments by Pick Ticket or Warehouse Code. And the app displays information about the customer, part number and description to assist users during the process. A variety of transactions are supported by the app that include Pick Ticket, Purchase Shipper, Vendor Claim, Warehouse Transfer, Work Orders and Aircraft Maintenance. Inventory integrity and picking accuracy is maintained for quality control through scanning of barcode Unique Identifier labels (UID). For customers that operate in a multi-company environment, the PickMaster app supports both single and multi-company operations while maintaining user security and audit controls. The PickMaster mobile app operates on all current generation Apple iPhone and iPad devices connected by WiFi or Cellular networking to Pentagon 2000SQL™.



Photo: Frontier Airlines

Ultra-low-fare carrier **Frontier Airlines** plans to open a new crew base at **Phoenix Sky Harbor International Airport** (PHX) in November 2022. Up to 180 pilots and 275 flight attendants are expected to be based at PHX within the first year with additional growth anticipated in the future. "Frontier Airlines' investment in Phoenix will lift the US\$12.3 billion in economic activity and increase the 57,432 jobs supported by Sky Harbor International Airport," said Phoenix Mayor Kate Gallego. "We look forward to welcoming the new crew base members and sharing the vibrant quality of life these new residents will enjoy in this community. This is a great advancement in Frontier's continued growth and success in Phoenix." Frontier Airlines currently operates 14 nonstop routes from Phoenix Sky Harbor International Airport with a variety of additional flight connection opportunities available within the company's domestic and international network. Frontier operates a fleet of more than 110 highly efficient Airbus A320-family aircraft. The airline has 230 new Airbus planes on order between now and 2029, which will triple the size of its fleet.



Photo: Luton Airport, UK

Within weeks of implementing **SITA** Airport Management, **London Luton Airport** (LLA) is reaping the benefits of streamlining the way it manages its day-to-day operations. SITA's technology has helped the airport reduce the time and cost required to manage and plan routine operations such as aircraft bus schedules and weekly aircraft stand planning. Automating the seven-day aircraft stand capacity planning, for example, has reduced the time required for this task by 80%. This is achieved by automating the process, taking in numerous data variables such as aircraft arrival and departure time, available gates and aircraft type. Similarly, enabling bus drivers to input time records directly into the airport management system using an iPad – rather than relying on radio communications and spreadsheets – has reduced the time needed to record these bus movements by 90%. Kamal Patel, Head of IT of LLA, said: "These small but significant improvements mean that our planning is more efficient and proactive, we can deploy our people where we need them most and reduce the overall cost of our operations. This in turn has a positive impact for the passenger, through a smoother passenger experience."

**INDUSTRY PEOPLE**



Jonathan Weiner

- JetBlue has appointed **Jonathan Weiner** as the carrier's new Vice President, Sales and Revenue Management. He will be responsible for revenue optimisation, ancillary strategy, distribution and corporate sales. Weiner had previously served as JetBlue's director, revenue management since 2020. He will report to **Dave Clark**, JetBlue's head of revenue and planning. Weiner joined JetBlue in 2019 as Director, Revenue Analysis and Ancillary Strategy. Prior to joining JetBlue, he served as Vice President, Revenue Management – North America for British Airways. He spent 18 years in a variety of commercial leadership roles at BA including Vice President, commercial Strategy and Planning for North America and Managing Director, Revenue Management, for the carrier's transatlantic joint business.



Dwight James

- Wheels Up, Delta's strategic private jet partner, has reported that **Dwight James**, S.V.P. – Customer Engagement & Loyalty and CEO – Delta Vacations, has joined its Board of Directors. James fills the unexpired term of **Eric Phillips**, S.V.P. – Airport Customer Experience & Cargo, who is stepping down to focus on other commitments. James is expected to stand for election to a full-term on the board at the company's annual meeting of shareholders later this year. He will also fill Phillips's role on the board's safety and security committee. Delta is Wheels Up's exclusive commercial airline partner and largest shareholder. An agreement in early 2020 combined Wheels Up with Delta Private Jets, creating one of the world's largest owned and managed fleets of nearly 200 private aircraft. Wheels Up members can access both private jet and Delta flights and enjoy an array of benefits including earning miles through Delta SkyMiles and the ability to earn toward Medallion Status based on spend on Wheels Up flights.

- Mesa Air Group has named **Christian Daoud** as its new Vice President of Maintenance and Technical Operations. Daoud is currently Senior Director of Technical Operations at Mesa and first worked for Mesa as a Lead Aircraft Mechanic in 2006. He will be taking over from Chris Toro and reporting directly to Executive VP and COO **Brad Rich**. Daoud has progressed quickly in maintenance operations. After beginning his aviation career with Mesa in 2006 as a mechanic, he went on to Hawaiian Airlines as an engineer. He then moved on to Allegiant where he held progressive positions as an engineer, Manager of Aircraft Systems Engineering and then Manager of Aircraft Deliveries. After serving for several years at Allegiant, Daoud took on the role of Field Rep for Pratt & Whitney. He spent three more years in various managing roles back at Allegiant and then joined Airborne Maintenance and Engineering Services as the Director of Engineering. In 2021 Daoud finally returned to Mesa as Senior Director of Technical Operations.



Jim Davidson

- Accelya, a leading provider of technology solutions to the global airline and travel industry, has announced the appointment of **Jim Davidson** as its Chief Executive Officer. Davidson succeeds John Johnston, who transitioned from the CEO position in November but continues as a special advisor to the Accelya Board of Directors. Davidson will assume the position immediately, providing a seamless transition from his role of President and Chief Strategy Officer, where he has been leading Accelya over the past three months. Davidson is a recognised industry leader, having taken part in the evolution of airline distribution and commerce for more than 25 years. Davidson has served as President and CEO of NTE, President and CEO of Amadeus Global Travel, North America, Head of Sales and Marketing at System One and VP of Marketing at Reed Travel Group / OAG. It was as CEO of Farelogix, prior to its acquisition by Accelya, that Davidson oversaw the building of its New Distribution Capability (NDC) solutions and established a DNA of transformative innovation. Today these solutions have become a key element of Accelya's FLX Platform.



Shawn Black

- GKN Aerospace has announced the appointment of **Shawn Black** as President of Defence, bringing significant aerospace and defence leadership experience to the business. Black started his career as a United States Marine Corps Officer before moving into the industry 22 years ago. During that time, he has achieved a consistent record of strong financial and operational performance growth in senior leadership and operational roles across military and commercial markets. His background includes senior roles with companies such as Leonardo DRS, Cobham Plc, and Cobham's Advanced Electronic Solutions (CAES) where he served as COO then CEO.



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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
A319-100	BBAM	CFM56-5B5/P	2119	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	BBAM	CFM56-5B5/P	2283	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	ORIX Aviation	CFM56-5B5/3	5018	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A319-112	Deucalion Aviation Limited	CFM56-5B63	3586	2008	Q2/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A319-131	Deucalion Aviation Limited	V2522-A5	2375	2005	Q2/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320	Deucalion Aviation Limited	CFM56-5B4/P	1571	2001	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-200	BBAM	V2527-A5	2587	2005	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A320-232	Deucalion Aviation Limited	V2527	4323	2010	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-232	ALTAVAIR	V2527-A5	4621	2011	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
A320-232	Willis Lease	V2527-A5	6865	2016	Now	Sale / Lease	Chris Giles	cgiles@willislease.com	+44 1656 754 788
A320-232	Willis Lease	V2527-A5	7163	2016	Now	Sale / Lease	Chris Giles	cgiles@willislease.com	+44 1656 754 788
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Now	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
A321-200	GA Telesis	V2533-A5	2255	2004	Q2/2022		David Byrne	aircraft@gatelesis.com	+353 86 780 8974
A321-200	GA Telesis	V2533-A5	2261	2004	Q2/2022		David Byrne	aircraft@gatelesis.com	+353 86 780 8974
A321-231	Deucalion Aviation Limited	V2533-A5	6009	2014	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A321-231	Deucalion Aviation Limited	V2533-A5	6294	2014	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-200	ORIX Aviation	Trent 772B-60	1306	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A330-200	ORIX Aviation	Trent 772B-60/16	1289	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A330-200	Deucalion Aviation Limited	CF6-80E	814	2007	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-200 (5x)	ALTAVAIR	Trent 772B-60/16	various	06-14	Q1/2022	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
A330-300	ALTAVAIR	CF6-80E1A3	1580	2014	Q1/2023	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
A330-200	Doric	Trent 772B-60/16	1407	2013	Now	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-300	BBAM	Trent 772B-60	1562	2014	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	Trent 772B-60	1609	2015	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	CF6-80E1A3	1300	2012	Apr 2022	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	Deucalion Aviation Limited	Trent 772B-60	1559	2014	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-300	Deucalion Aviation Limited	Trent 772B-6	1146	2010	Q3/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-700	BBAM	airframe only	32414	2003	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-8	Orix Aviation	CFM LEAP-1B	42825	2017	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42826	2017	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42827	2017	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42828	2017	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42829	2017	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42830	2017	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42831	2018	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42832	2018	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42833	2018	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42835	2018	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	63971	2018	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	64992	2018	Q1/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-800	BBAM	CFM56-7B24/3	34905	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800	Deucalion Aviation Limited	CFM56-7B27/3	37254	2011	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B24E	40318	2012	Q2/2022	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-800SF	GA Telesis	CFM56-7B24	33003	2002	Q2/2022	Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451

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## Commercial Jet Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-200ER	BBAM	GE90-90B	29004	1998	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-200ER	BBAM	GE90-94B	32721	2007	Q2/2023	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-200ER	BBAM	GE90-94B	35295	2007	Q2/2023	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	BBAM	GE90-115BL2	37898	2012	Apr 2022	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER (8x)	ALTAVAIR	GE90-115B		06-13	Q1/2022	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493

## Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200	Regional One	CF34-3B1	7925	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7926	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7937	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7941	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200ER	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200ER	Regional One	CF34-3B1	8059	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200LR	Regional One	CF34-3B1	7625	2002	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15215	2009	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15207	2008	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900ER	Regional One	CF34-8C5	15111	2007	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900ER	Regional One	CF34-8C5	15115	2007	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
DHC8-Q400	Regional One	PW150A	4042	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
DHC8-Q400	Regional One	PW150A	4100	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007	145508	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007	145515	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ170-100LR	Regional One	CF34-8E5	17000093	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
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	Nbow	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

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
CF34-10E	Now - Lease				
CF34-8C	Now - Lease				
CF34-3A	Now - Sale / Lease				
(2) CF34-10E6	Full QEC	DASI	Joe Hutchings	joe.hutchings@dasi.com	+ 1 954-478-7195
(1) CF34-10E5A1	Full QEC				
(5) CF34-10E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CF34-8C5A1	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(2) CF34-8C5B1	Now - Sale/Lease/Exch.				
(3) CF34-8E5A1	Now - Sale/Lease/Exch.				
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717



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# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commercial Engines (cont.)

CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80E1A4B	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(1) CF6-80E1A3	Now - Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) CF6-80E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CF6-80C2B1F	Now - Sale/Exchange	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) CF6-80C2B1F	Q3/2021 - Sale/Exchange				
(2) CF6-80E1	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B4/P (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaaviation.com	+1 786 785 0787
(1) CFM56-5B5/P	Now - Lease				
(1) CFM56-5B6/P	Now - Lease				
(1) CFM56-5B2/P	Now - Lease				
(2) CFM56-7B26 (full QEC)	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(5) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(6) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P	Now - Lease				
(4) CFM56-7B24/E	Now - Lease				
(2) CFM56-7B24	Now - Lease				
(2) CFM56-7B26	Now - Lease				
(1) CFM56-7B26E	Now - Lease				
(1) CFM56-5C4	Now - Lease				
(6) CFM56-5B4/P	Now - Lease				
(2) CFM56-7B26/3	Now - Lease				
(3) CFM56-7B26	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(4) CFM56-5B5/P	Now - Sale / Lease				
(2) CFM56-5B6	Now - Sale / Lease				
CFM56-5 (all thrust levels)	Now - Sale / Lease	Contrail Aviation Support	Steve Williamson	steve@contrail.com	+1 720-276-5966
CFM56-7 (all thrust levels)	Now - Sale / Lease				
(2) CFM56-7B22	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(multiple) CFM56-5B	Now - Sale / Lease	CFM Materials	Josef Noebauer	josef.noebauer@cfmmaterials.com	+1 469-628-3756
(multiple) CFM56-7B	Now - Sale / Lease				
(1) CFM56-7B26/3	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B24/E	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P (u/s)	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - Lease				
(1) CFM56-5B4/P	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(2) CFM56-5B6/P	Now - Sale/Lease/Exch.				
(1) CFM56-7B27	Now - Sale/Lease/Exch.				
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
(1) GE90-115BL (Propulsor)	Now - Lease				
(2) GE90-90B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(2) LEAP-1A33	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) LEAP-1A32	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW4168	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) PW4062-3	Now - Sale / Exchange	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) PW4060-3	Q3/2021 - Sale/Exchange				
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
PW119B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@haero.com	+49-6731-497-368
PW119B	Now - Lease				
PW120A	Now - Lease				
PW121 (ATR)	Now - Lease				
PW124B	Now - Lease				
PW123B	Now - Lease				
PW125B	Now - Lease				
PW127F	Now - Lease				
PW150A	Now - Lease				
PW127M	Now - Lease				
PW150A RGB	Now - Lease				

# THE AIRCRAFT AND ENGINE MARKETPLACE

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(2) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(7) PW127M	Now - Sale/Lease/Exch.				
(1) PW121	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.	Regional One	Duane Butler	Dbutler@regionalone.com	+1 561-809-0001
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(2) Trent 772B-60	Q1/2022 - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(2) Trent 772C-60	Q1/2022 - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) Trent 556-60	Now - Sale/Lease/Exch.				
(1) Trent 772B-60	Now - Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(1) Trent 772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(3) V2522-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(3) V2524-A5	Now - Sale/Lease/Exch.				
(3) V2527-A5	Now - Sale/Lease/Exch.				
(3) V2527E-A5	Now - Sale/Lease/Exch.				
(3) V2527M-A5	Now - Sale/Lease/Exch.				
(3) V2530-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Sale/Lease/Exch.				
V2500 (all thrust levels)	Now - Sale / Lease	Contrail Aviation Support	Steve Williamson	steve@contrail.com	+1 720-276-5966
(2) V2533-A5	Now - Sale/Lease/Exch.	Chromalloy Material Solutions	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) V2527-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) V2527-A5	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiair.com	+1 786 785 0788
(2) V2522-A5	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(2) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(2) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2527E-A5	Now - Lease				
(1) V2527-A5	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	

## Aircraft and Engine Parts, Components and Misc. Equipment

Description	Company	Contact	Email	Phone
(1) GTCP331-500B Trent 892B-17 Modules	Now - Sale / Exchange	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services +61 408 389 241
(2) GTCP331-200ER, (2) GTCP131-9A, (1) GTCP131-9B (1) A321 Enhanced Landing Gear 2020 OH	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com +1-312-549-4459
GE90-115B – Fan Stator Module – P/N 2115M15G04		Altavair	Clive Bowen	clive.bowen@altavair.com +44 7899 892493
(1) A320 ENH NLG, (2) A340 Landing Gear Shipsets		GA Telesis		landinggearsales@gatelesis.com
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Josef Noebauer	josef.noebauer@cfmmaterials.com +1-214-988-6676
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) RE220, (1) APS3200, (1) GTCP131-9A	Now - Sale / Lease	Magellan Aviation Group	Drew Megorden	drew.megorden@magellangroup.net +1 704-340-0273
(1) GTCP131-9B, (1) GTCP331-500B	Now - Sale / Lease			
(1) GTCP131-9B, (1) GTCP131-9A	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com +1 787 665 7039
(1) GTCP331-500B	Now - Sale/Lease/Exch.			
(2) GTCP331-350, (2) APS2300	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com +1 954-801-3592
(1) APS3200, (1) GTCP131-9B				
((1) GTCP331-200ER, (2) RE220RJ (2) GTCP36-150RJ	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com +1 954-683-1893
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net +1 561-771-4253
(4) GTCP131-9A, (1) GTCP331-200, (2) GTCP131-9B, (1) GTCP331-200		GA Telesis	Jay Meshay	apu@gatelesis.com +1-954-849-3509
(2) GTCP331-350, (1) GTCP331-500, (1) APS3200B, (2) APS3200C				
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com +1-954-676-3111
(2) 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