

Weekly Aviation Headline News

WORLD NEWS

Cargolux reports record results for 2020

2020 proved to be an exceptional year for the Cargolux Group, which celebrated its 50th anniversary at the same time. Cargolux earned a net profit after tax of USD 768.7 million with an EBIT margin of 31.3%. Cargolux played a key role in delivering essential supplies throughout the COVID-19 crisis, alleviating the void left by grounded passenger aircraft and keeping supply chains moving.

Oman Air and EGYPTAIR sign codeshare agreement

The codeshare agreement on flights between Muscat and Cairo was signed as part of both airlines' commitment to work toward a strong restart for air travel to overcome the effects of the spread of COVID-19 on the aviation sector and to expand their destination offering. Oman Air said the challenges facing all airlines since the onset of the pandemic have led to new strategic partnerships which ultimately create a stronger network.

Qatar Airways helps Indian aid effort

Qatar Airways is supporting international efforts to tackle the second COVID-19 surge in India by shipping medical aid and equipment to the country free of charge from global suppliers. The cargo shipment will include PPE equipment, oxygen canisters and other essential medical items. The airline intends to transport 300 tonnes of aid from across its global network.



The digital tower at LCY will be operational this summer.

Photo: London City Airport

London City Airport goes fully digital

With first remote control tower technology

London City Airport said it is the first major international airport in the world to be fully controlled by a remote digital air traffic control tower, following intensive testing and live trials of the revolutionary technology during lockdown.

All flights on the summer schedule are being guided to land or take off from the heart of the London Docklands business district by air traffic controllers based 115km away at NATS' air traffic control centre in Swanwick, Hampshire, using an 'enhanced reality' view supplied by a state-of-the-art 50m digital control tower.

The technology marks a step-change in global air traffic management and will help the airport meet an expected surge in demand for flying during the summer season as COVID-19 restrictions are eased from Monday 17th May.

international airport to adopt this pioneering technology.

This investment in smart infrastructure will help us meet future growth in passenger demand, improve air traffic management and give us enhanced capability as aviation bounces back from the pandemic.

It is also a demonstration of the commitment to innovation in the UK aviation sector and to being at the forefront of defining the future of flight.

"This investment in smart infrastructure will help us meet future growth in passenger demand."

Alison FitzGerald, COO at London City Airport

Alison FitzGerald, Chief Operating Officer at London City Airport, said: "We are immensely proud to become the first major

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RB211-535



CF34-3/-8



PW100



JT15D



RE220



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AE 3007



PW150A



PT6A



GTCP36



APS2300



PART 145

MAINTENANCE

MAINTENANCE CAPABILITIES

Willis Engine Repair Center (WERC US & UK)

	Borescope Inspection	Boreblend	Top Case	C-Check	Thrust Rating Conversion (per SB)	Engine Preservation	LRU and QEC
CFM56-3	•	•		•	•	•	•
CFM56-5A	•	•	•	•	•	•	•
CFM56-5B	•	•	•	•	•	•	•
CFM56-5C	•	•	•	•	•	•	•
CFM56-7B	•	•	•	•	•	•	•
CFMI LEAP-1A	•	▼		•	•	•	•
CFMI LEAP-1B	•	▼		•		•	•
CF34-3 Series	•			•			•
CF34-8 Series	•			•			•
CF34-10E	•			•			•
CF6-80C2/E1	•			•		•	•
V2500-A1	•			•			•
V2500-A5	•			•	•	•	•
PW100 Series	•			▼			
PW150A	•			▼			
PW1100G-JM (GTF)	•			•			•
PW1500G (GTF)	▼			▼			▼
PW4000-94"	•						•
PW4000-100"	•						•
APS3200	•						
APS2300	•						
GTCP36	•						
GTCP131	•						
GTCP131-9A						•	
GTCP331	•						
TRENT 500	•						•
TRENT 700	•						•
TRENT 800	•						•
TRENT 900	•						•
TRENT 1000	•						
TRENT XWB	•						
RB2110535E4	•						•
RB211-524	•						•
GE90-110B, 113B, 115B	•						
GEnx-1B	•						
GP7200 Series						•	

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...continued from page 1

Since going operational at the end of January, the technology has worked really well and is ready for the expected increase in demand for flights."

The technology was pioneered by Saab Digital Air Traffic Solutions, which has successfully tried and tested the system at Örnköldsvik and Sundsvall airports in Sweden.

AIRCRAFT & ENGINE NEWS

Aergo Capital announces successful delivery of one ATR72-500F aircraft

Aergo Capital (Aergo) has successfully delivered one 2007 Vintage ATR72-500F aircraft to the Democratic Republic of Congo (DRC)-based cargo operator, CAA Congo. The aircraft, bearing manufacturer's serial number 775, was placed on a long-term operating lease with the airline having recently completed a conversion to a freighter. Fred Browne, Chief Executive Officer of Aergo, commented: "We are delighted to have completed the delivery of this aircraft to CAA Congo and we continue to see growth in the demand for freighter aircraft. This transaction underlines Aergo's breadth and strength of airline relationships worldwide."

Aergo Capital acquires 20 DHC-8-Q400 aircraft

Aergo Capital (Aergo) has completed the acquisition of twenty 2003-11 Vintage DHC-8-Q400 aircraft from a major financial institution. FPG Amentum acted as agent on the deal. The aircraft were acquired naked. In parallel, LOI negotiations for the lease of a number of these aircraft are progressing. Fred Browne, Chief Executive Officer of Aergo, commented: "In the near-term future, there is growing appetite from the regional traffic sector and we believe the sector will lead the recovery post COVID. As part of Aergo's strategic focus, investment in the regional and turboprop space presents great opportunities. We are confident in our ability to place these aircraft in the near term and are in discussions with a number of players to quickly deploy a large proportion of this fleet."

Egypt's low-fare airline, Air Cairo, receives first A320neo aircraft



Air Cairo takes delivery of its first A320neo aircraft

Photo: Airbus

Air Cairo has taken delivery of its first A320neo aircraft. The new aircraft will join Air Cairo's all-Airbus fleet of seven aircraft. The aircraft is on lease from ICBC Leasing and is equipped with CFM LEAP-1A engines. With improved levels of efficiency, the new aircraft will be deployed on Air Cairo's regional and international network to serve countries across Europe, Africa, and the Middle East – demonstrating the operational flexibility of the A320neo. Air Cairo's fleet expansion and modernization strategy coincides with the airline's decision to open more routes, fostering closer links with countries across continents. Offering the airline exceptional technical, economic, and environmental performance, Air Cairo's A320neo is configured with 186 seats in an all-economy-class cabin.

Silk Way West Airlines signs orders for five Boeing 777 freighters



Silk Way West Airlines has ordered five Boeing 777 freighters

Photo: Boeing

Silk Way West Airlines, a private cargo operator, will expand its international network by signing an order with Boeing for five 777 freighters. The deal marks the first purchase of the long-range, high-capacity twin-engine freighter in the Caspian region and Central Asia. The airplanes will enable the airline to increase its capacity to meet growing cargo demand around the globe. Founded in 2012 in Baku, Azerbaijan, Silk Way West Airlines is the largest cargo airline in the Caspian Sea region with an annual cargo turnover of 350,000 tons. Based at Heydar Aliyev International Airport in Baku, the airline operates approximately 350 monthly scheduled flights to 40 destinations around the world.

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MRO & PRODUCTION NEWS

C&L Aviation Group purchases nine ERJ 145 aircraft for teardown

C&L Aerospace has purchased nine ERJ 145 aircraft from a European-based operator for teardown. The package consists of nine complete ERJ 145 aircraft and 14 AE3007 Rolls Royce Engines. All aircraft are located in Clermont-Ferrand, France, where they are currently being torn down, with expected completion in October of 2021. Parts from these aircraft will be located at C&L's global warehouses, with the majority being stored at the company's main headquarters in Bangor, Maine. "C&L has been investing in our ERJ 135/145 program for many years now," said Warrick Hood, Senior Vice President, C&L Aerospace. "We support operators around the world in a variety of ways including spare parts supply and exchanges to power-by-the-hour programs and consignment inventories. Having parts available on-site at our MRO facility in Maine is a huge benefit for our ERJ maintenance customers as well."

Werner Aero Services acquires two Embraer E-190 aircraft for teardown

Werner Aero Services, a leader in the aviation industry providing asset management and logistical solutions to airlines worldwide, has acquired two Embraer E-190 aircraft, MSN 118 and MSN 149, last operated by Air Canada. The aircraft will be torn down immediately to support the demand from regional operators as they see their business picking up.

Rolls-Royce and DHL Express sign TotalCare® agreement for A330 engines

Rolls-Royce and DHL Express have signed a TotalCare® agreement for the Trent 700 engines that currently power the eight Airbus A330 freighter aircraft of the worldwide operating logistics company. The agreement will also cover any Trent 700 engines that are added to the DHL fleet in the future. This agreement will give DHL a secured cost of operating and maintaining its Trent 700 engines through a dollar-per-flying-hour payment mechanism. It will also deliver enhanced aircraft availability thanks to Rolls-Royce's in-depth engine knowledge that draws on advanced engine health monitoring and on the 62 million flying hours the Trent 700 has accumulated over more than 25 years of operations. The TotalCare agreement will ensure the continuity of aftermarket support at the lowest possible maintenance cost for the DHL fleet for decades into the future.

AIRCRAFT & ENGINE NEWS

JetBlue enters service with first A220 aircraft powered by Pratt & Whitney GTF™ engines



JetBlue's Airbus A220 aircraft officially entered scheduled service on April 26

Photo: P&W

JetBlue Airways' (JetBlue) first Airbus A220-300 aircraft has officially entered scheduled service with the first revenue flight from Boston Logan International Airport (BOS) to Tampa International Airport (TPA). The aircraft – which was assembled at Airbus' U.S. production facility in Mobile, Ala. – is scheduled to operate between the Northeast and Florida for the next several weeks. JetBlue's second A220 is on track for delivery in the coming days, with the third expected to arrive next month. JetBlue ordered 60 Airbus A220-300 aircraft in 2018 and later expanded the order to 70 aircraft in 2019. The airline has also ordered 85 GTF-powered A320neo-family aircraft, including 13 A321LR and 13 A321XLR aircraft. The airline currently operates 16 of the A321neo variant powered by GTF engines, 193 A320ceo-family aircraft powered by V2500® engines, and 60 Embraer E190 aircraft equipped with the APS2300E auxiliary power unit (APU).

Aeromexico eyes US\$2 billion in discounts involving 28-plane deal with Boeing



Aeromexico Boeing 787-9 Dreamliner

Photo: AirTeamImages

Having filed for Chapter 11 bankruptcy protection in June 2020, Aeromexico has announced it has struck a deal to buy 28 planes from Boeing and also confirmed that it has successfully negotiated discounts of around US\$2 billion. Additionally, the carrier has also negotiated more favourable conditions for its existing fleet and leasing contracts with Boeing. The deal includes a combination of 24 737-8 MAXs and 737-9 MAXs, along with four 787-9 Dreamliners. While a price for the planes was not disclosed, according to a statement issued by Aeromexico: the agreement "represents a fundamental stage in Aeromexico's transformation for the coming years, under highly competitive economic conditions compared to current market values."

FINANCIAL NEWS

JetBlue Technology Ventures invests in Universal Hydrogen

JetBlue Technology Ventures (JTV), the venture capital subsidiary of JetBlue Airways has announced its investment in Universal Hydrogen, the company fueling carbon-free flights, as part of its US\$20.5 million Series A funding round. The financing allows Universal Hydrogen to accelerate the development of its hydrogen logistics network and regional aircraft conversion kits and bolsters its burgeoning commercial activities. JTV's primary goal is to better position JetBlue with startup-led innovation set to disrupt the travel industry, ultimately helping JetBlue chart a path toward net-zero emissions. JTV supports JetBlue's ambitious sustainability strategy and targets by investing in technology focusing on advanced methods of measuring and reducing emissions, improved environmental protections, and game-changing transportation. In 2020 JetBlue became the first U.S. airline to achieve carbon neutrality for all domestic flying, today primarily through carbon offsets while the industry builds up lower-carbon technologies to reduce direct emissions. Universal Hydrogen is building a fuel distribution network that connects hydrogen production directly to the airplane using modular capsules that are transported using the existing freight network, avoiding the need for costly new pipelines, storage facilities, and fuel trucks. The company is also developing conversion kits to retrofit existing 40-60 passenger regional airplanes with a hydrogen fuel cell powertrain. Universal Hydrogen was founded in 2020 by aviation industry veterans Paul Eremenko, John-Paul Clarke, Jason Chua, and Jon Gordon. First commercial flights are planned no later than 2025, with operating costs equivalent to those of conventional hydrocarbon-burning airplanes and decreasing rapidly thereafter.

Finnair increases savings target to €170 million of permanent cost base reductions by 2022 onwards

On May 20, 2020, Finnair announced that it was targeting nearly €80 million in permanent cost base reductions by 2022, compared to 2019 levels. The company updated the same target in its announcement on August 25, 2020 by increasing it to €100 million and updated it again on October 28, 2020 to €140 million. Finnair has made good progress in the cost savings program and will reach this target ahead of schedule. At the same time, it has identified new savings opportunities. As a result, Finnair has raised its savings target by a further €30 million, increasing its previous expectations for a permanent reduction in its cost base to €170 million. Despite

MRO & PRODUCTION NEWS

Spirit AeroSystems signs joint venture agreement with Evergreen Aviation Technology Corporation



Photo: Evergreen Aviation Technologies Corp.

Spirit AeroSystems has announced a planned expansion of its aftermarket presence in the Asia-Pacific region by signing a joint venture agreement with Evergreen Aviation Technologies Corporation (EGAT). The new agreement is expected to complement Spirit's recent acquisition of Applied Aerodynamics and last year's acquisition of select Bombardier assets, and further strengthen its global maintenance,

repair, and overhaul (MRO) capabilities. Under the joint venture agreement, Spirit and EGAT will form a new company, Spirit Evergreen Aftermarket Solutions (SEAS), and will transfer repair capabilities to SEAS, increasing manufacturing expertise and services to meet growing fleet demands in the region. Previously, Spirit entered into a multi-year agreement with EGAT in September 2020 in which Spirit provided maintenance services in the Taiwan facility on products the aerostructures company manufactures, including the 777 GE90/Trent800 nacelle, 737 CFM56-7B thrust reverser, and flight control surfaces, along with broader nacelle MRO services on the CF6-powered aircraft and A320. By enhancing this existing commercial agreement with a joint venture agreement, Spirit and EGAT will continue working to expand capabilities to better service customers in the region.

the updated target, further reductions are still sought in all cost categories. As previously stated, they include savings in such areas as real estate, aircraft leasing, IT, sales and distribution, and administration costs, as well as compensation structures. The company will further continue streamlining its organization and operations, and the digitalization and automation of its customer processes. Additionally, it will remain focused on renegotiating its supplier and partner agreements. In conjunction with the cost savings program, the company completed the co-determination negotiations in the latter half of 2020 and the resulting global reduction in jobs was 600. When retirements and other attrition are included, Finnair's personnel declined by almost 1,100 compared to the beginning of 2020. Further, as part of the cost savings program, the company has concluded agreements with some of its employee groups targeting permanent cost savings. The employee groups committed to the permanent savings target are eligible to participate in an incentive plan, which rewards employees for successful

rebuild efforts. Also, the indefinite as well as temporary layoffs resulting in temporary cost savings will be continued. (€1.00 = US\$1.20 at time of publication.)

Leonardo to acquire 25.1% stake in HENSOLDT AG for €606 million

Leonardo has entered into a definitive agreement with Square Lux Holding II S.à r.l., a portfolio company controlled by funds advised by Kohlberg Kravis & Roberts & Co., to purchase a 25.1% stake in HENSOLDT AG (HENSOLDT) for a cash consideration of approx. €606 million or €23 per share. HENSOLDT is a leading European player in the field of sensor solutions for defense and security applications, with an expanding portfolio in cyber security, data management, and robotics. As a result of the stake purchase, Leonardo will become the largest shareholder of HENSOLDT alongside Kreditanstalt für Wiederaufbau (KfW) which is 80% owned by the Federal Republic of Germany.

FINANCIAL NEWS

KfW agreed to acquire a 25.1% stake in HENSOLDT in March 2021. With the investment in HENSOLDT Leonardo will establish a strategic long-term presence in the fast-growing German defense market. Already today, Leonardo and HENSOLDT have a well-established relationship, including collaboration on the Eurofighter Typhoon program as independent operators within the consortium model. The envisioned closer cooperation will be based on a strong complementarity of the two companies in terms of geography, product portfolio, end markets, customers, and suppliers in the Air Land and Naval domains, and will allow them to deepen access to their respective markets, offer complete solutions to their customers, and share best practices for the development of future technologies. (€1.00 = US\$1.20 at time of publication.)

Boeing posts first quarter 2021 revenue of US\$15.2 billion

The Boeing Company has reported first-quarter revenue of US\$15.2 billion, primarily driven by lower 787 deliveries and commercial services volume, partially offset by higher 737 deliveries and higher KC-46A Tanker revenue. GAAP loss per share of (US\$0.92) and core loss per share (non-GAAP) of (US\$1.53) reflect year-over-year KC-46A Tanker improvement, higher 737 deliveries, and lower commercial airplanes period costs, partially offset by lower tax benefits and higher interest expense. Boeing recorded operating cash flow of (US\$3.4) billion. Commercial Airplanes first-quarter revenue decreased to US\$4.3 billion, driven by lower 787 deliveries, partially offset by higher 737 deliveries. First-quarter operating margin improved to (20.1) %, primarily due to higher 737 deliveries and lower period costs. Boeing is continuing to make progress on the safe return to service of the 737 MAX worldwide. In addition, it is working closely with the FAA and its customers to address electrical issues identified in certain locations in the flight deck of select 737 MAX airplanes. Since the FAA's approval to return the 737 MAX to operations in November 2020, Boeing has delivered more than 85 737 MAX aircraft and 21 airlines have returned their fleets to service, safely flying more than 26,000 revenue flights totaling over 58,500 flight hours (as of April 26, 2021). The 737-program is currently producing at a low rate and continues to expect to gradually increase production to 31 per month in early 2022 with further gradual increases to correspond with market demand. The company will continue to assess the production rate plan as it monitors the market environment and engages in customer discussions. The company also resumed 787 deliveries in late March, following comprehensive reviews to ensure each airplane meets the

MRO & PRODUCTION NEWS

AvAir gains 1.5 million parts from Iberia Maintenance



Photo: Iberia

AvAir, an inventory solutions provider for the aviation aftermarket, has secured its largest acquisition to date with Iberia Maintenance to gain more than 1.5 million consumable parts and 30,000 tagged rotatable components. Iberia Maintenance offers maintenance, repair and overhaul (MRO) services to more than 50 customers worldwide including all IAG airlines, Iberia, Iberia Express, Aer Lingus, British Airways, Level, and Vueling; OEMs, and other customers from all five continents. "AvAir created a strategic solution that addressed our needs," said Iván González Vallejo, Director of Strategy and Supply Chain, Iberia Maintenance. "This agreement not only provides liquidity, but a rapid adjustment of our asset needs going forward and the establishment of a working relationship with AvAir that will improve how we can better support our customers in the future."

GAMECO completes first CAAC-registered 737-800 Boeing Converted Freightier



Delivery ceremony of the first 737-800 BCF under CAAC to BOCOM Leasing and China Postal Airlines

Photo: GAMECO

GAMECO has completed the first 737-800 Boeing Converted Freightier (BCF) for BOCOM Leasing and China Postal Airlines. This marks the first time that GAMECO has completed freighter conversion work for a 737-800 airplane registered under CAAC. The delivery of GAMECO's first CAAC-registered 737-800BCF is another milestone in the partnership between GAMECO and Boeing, demonstrating GAMECO's ability to respond quickly to market trends and needs and proving the competence, professionalism, and customer commitment of the entire GAMECO – Boeing project team. Converting a 737-800 to a BCF is a major conversion project requiring a heavy workload and complex technology. The modification process involves a wide range of professional areas and requires strong support from multiple disciplines.

FINANCIAL NEWS

company's highest standards. During the quarter, the 787-program consolidated final assembly to Boeing South Carolina and transitioned to the previously announced production rate of 5 aircraft per month. Commercial Airplanes continues to work closely with global regulators on all aspects of 777X development, including its rigorous test program, and the company still expects to deliver the first 777X in late 2023. As previously announced, the combined 777/777X production rate is transitioning to two aircraft per month. Commercial Airplanes secured orders for 100 737 aircraft from Southwest Airlines, 25 737 aircraft from United Airlines, 23 737 aircraft from Alaska Airlines, and four 747 freighter aircraft from Atlas Air. Commercial Airplanes delivered 77 airplanes during the quarter and backlog included over 4,000 airplanes valued at US\$283 billion.

Airbus reports consolidated net income of €362 million in first quarter 2021

Airbus has released that gross commercial aircraft orders totaled 39 (Q1 2020: 356 aircraft) and included 38 single-aisle aircraft the first quarter of 2021. After cancellations, net commercial aircraft orders were -61 (Q1 2020: 290 aircraft) with the order backlog comprising 6,998 aircraft on March 31, 2021. Airbus Helicopters booked 40 net orders (Q1 2020: 54 units), including two Super Puma-family rotorcraft and one H160. Airbus Defence and Space's order intake by value was €2.0 billion (Q1 2020: €1.7 billion) and included major contract wins in Space Systems and recurring services orders in military aircraft. Consolidated revenues were broadly stable year-on-year at €10.5 billion (Q1 2020: €10.6 billion). A total of 125 commercial aircraft were delivered (Q1 2020: 122 aircraft), comprising nine A220s, 105 A320 Family, one A330 and ten A350s. Revenues generated by Airbus' commercial aircraft activities decreased by 4%, mainly reflecting lower volume in services. Airbus Helicopters delivered 39 units (Q1 2020: 47 units) with revenues reflecting lower volume in civil helicopters, partly offset by growth in services. Revenues at Airbus Defence and Space were stable compared to a year earlier. Consolidated EBIT Adjusted increased to €694 million (Q1 2020: €281 million). Consolidated EBIT (reported) amounted to €462 million (Q1 2020: €79 million), including adjustments totaling a net €-232 million. The financial result was €59 million (Q1 2020: €-477 million). It mainly reflects the revaluation of financial instruments and the evolution of the US dollar as well as €43 million from the revaluation of the Dassault Aviation equity stake, partly reduced by the net interest result of €-82 million. Consolidated net income was €362 million (Q1 2020 net loss: € -481 million) with consolidated

MRO & PRODUCTION NEWS

StandardAero to provide Utair with PW127M overhaul services in support of ATR 72-500 fleet



Utair ATR 72-500 aircraft

Photo: AirTeamImages

Russian airline Utair Aviation JSC (Utair) has selected StandardAero to provide overhaul support for the Pratt & Whitney PW127M engines powering its fleet of ATR 72-500 regional turboprops. StandardAero will support Utair from its OEM-authorized PW100 Designated Overhaul Facilities (DOFs) in Summerside, PE, Canada and Gonesse, France. This new agreement cements the existing relationship between the two companies. StandardAero has supported Utair's PW127M engine fleet with hot section inspection (HSI) repairs and warranty inspections for several years, contributing to the airline's reputation as one of Russia's most punctual air carriers. StandardAero has also previously provided Utair with repair services in support of its fleet of Airbus H125 light turbine helicopters. Commenting on the agreement for Utair, Albert Salimov, Technical Director for the airline said, "This new agreement is a renewed confirmation of the exceptional level of cooperation between our respective engineering teams. StandardAero and Utair will continue working together to build the conditions required for the optimum levels of dispatch reliability which will underpin our growth path as one of the leaders in the Russian market."

AFI KLM E&M unveils MRO services for Airbus A220



Air France Airbus A220

Photo: AFI KLM E&M

AFI KLM E&M has developed and launched new A220 maintenance solutions created for operators of the Airbus A220 aircraft. With the first Air France A220 due to fly at the end of 2021, AFI KLM E&M has finalized its supply chain and industrial development program, positioning itself as a major player in the maintenance of this new aircraft, and is ready to support operators of this type. AFI KLM E&M has already designed and is able to market a complete nose-to-tail components support for A220 operators and has acquired credibility from its expertise and adaptiveness, building long-term win-win partnerships and competitive agreements with OEMs to support the market. The nose-to-tail industrial solutions enable the MRO to deliver unique quality of service to its customers.

FINANCIAL NEWS

reported earnings per share of €0.46 (Q1 2020 loss per share: € -0.61).

Embraer delivers 13 executive jets in first quarter 2021

Embraer has delivered nine commercial jets and 13 executive jets (ten light / three large) in the first quarter of 2021. The total company firm order backlog at the end of the first quarter was US\$14.2 billion. Revenues reached US\$807.3 million, representing year-over-year growth of 27.4% compared to the first quarter of 2020, with growth in the Commercial Aviation, Defense & Security, and Executive Aviation segments. On April 23, the company signed a firm order for 30 E195-E2 jets with an undisclosed customer, with deliveries starting in 2022. The 30 firm orders will be included in Embraer's second quarter backlog. Excluding special items, adjusted EBIT and EBITDA were US\$(29.6) million and US\$18.0 million, respectively, yielding adjusted EBIT margin of -3.7% and adjusted EBITDA margin of 2.2%. Adjusted net loss (excluding special items and deferred income tax and social contribution) in the first quarter was US\$(95.9) million. The company finished the quarter with total cash of US\$2.5 billion and net debt of US\$1.9 billion. Due to continued uncertainty related to the COVID-19 pandemic and its impacts on the industry, Embraer has decided to not publish 2021 financial and delivery guidance at this point.

Lufthansa Group reduces operating expenses by 51% and reduces operating loss

With global travel restrictions still being hampered by the COVID-19 pandemic, this has had a substantial effect on the business performance of Lufthansa Group in the first quarter of 2021. Carsten Spohr, CEO of Deutsche Lufthansa AG, commented that: "The longer the crisis lasts, the greater people's desire to travel again becomes. We know that bookings shoot up wherever restrictions are loosened, and travel becomes possible again. Given the foreseeable major advances in vaccination rates, we expect demand to rise sharply from the summer onwards. Encouraging signals, such as the announcement by the EU Commission that it will once again allow vaccinated passengers from the U.S.A. to travel to Europe, confirm our confidence." Group sales fell by 60% to €2.6 billion in the first quarter of the financial year (previous year: €6.4 billion). The previous year's comparable quarter was only partially affected by the effects of the pandemic. Despite this, operating loss based on Adjusted EBIT was €1.1 billion, lower than in the previous year (previous year: minus €1.2 billion). Consolidated net

MRO & PRODUCTION NEWS

Lufthansa Technik and Airbus to offer reversible Cargo-in-Cabin solution

Lufthansa Technik and Airbus will team up to offer customers a reversible Cargo-in-Cabin solution to satisfy urgent demand quickly and easily. The solution for the Airbus A330-family comprises the Supplemental Type Certificate (STC) as well as material kits to modify the passenger aircraft for temporary cargo transport. Cargo capacity is thus increased by up to 15 tons of additional payload depending on aircraft configuration.



Finnair A330 Cargo-in-Cabin

Photo: Finnair

Finnair is the first airline to modify an Airbus A330-300 to carry commercial, non-dangerous goods in the main pax deck. Due to the slow air traffic recovery belly capacity is still low and not likely to return until 2024 to pre-Covid level. Additionally, the exemptions granted by the authorities in the beginning of the pandemic to reuse passenger cabins to transport medical supplies expired. Together with Airbus, Lufthansa Technik now responds with the "Temporary Cargo Cabin", an STC which allows to modify a passenger cabin into a cargo hold. Finnair is the launch customer for the "Temporary Cargo Cabin": The operator modified an Airbus A330 at its home base in Helsinki lately, the approval process for the STC is underway. The simple embodiment can be carried out at any Part 145 provider worldwide.

FAA awards STC for 321 Precision Conversions' A321-200PCF



Photo: 321 Precision Conversions received STC for its new A321-200PCF freighter

321 Precision Conversions, a joint venture between Aircraft Transport Services Group (ATSG) and Precision Aircraft Solutions, has been awarded FAA Supplemental Type Certificate Number ST02716SE to the group's new A321-200PCF freighter. Precision Aircraft Solutions President Gary Warner said, "This major accomplishment, achieved during an unprecedented global pandemic, bears witness to the professionalism and dedication of all parties; our ATSG partners, our well-seasoned engineering and manufacturing professionals, and the dedicated men and women of the United States Federal Aviation Administration's Seattle ACO."

FINANCIAL NEWS

income was minus €1.0 billion (previous year: minus €2.1 billion). At the end of the quarter, the Lufthansa Group had liquidity of €10.6 billion. This includes untapped funds of the governments' stabilization measures and loans amounting to around €5.4 billion. In total, the airlines of the Lufthansa Group carried 3 million passengers in the first quarter of 2021, which was 10% of the pre-crisis level of the first quarter of 2019. The seat load factor was 45% or 33 points lower than in the first quarter of 2019. Lufthansa Cargo has benefited from the increased demand for cargo in the current climate, posting €802 million in sales for the quarter, a year-on-year increase of 45% compared to 2020. The freight load factor rose by 11.9 points to 75.7%. Adjusted EBIT improved accordingly to €314 million (previous year: minus €22 million), the highest ever in Lufthansa Cargo history. (€1.00 = US\$1.20 at time of publication.)

MILITARY AND DEFENCE

Embraer and Brazilian Air Force sign MoU for joint study of unmanned aircraft system

Embraer and the Brazilian Air Force (FAB) have signed a memorandum of understanding (MoU) that establishes a cooperation for the study and evaluation of the necessary capabilities for the conceptual design and development of advanced unmanned aircraft systems to meet FAB's needs. "This study is of fundamental importance for the maintenance and expansion of Embraer's competencies in the development of aerial defense systems with high technological content and great integration complexity," said Jackson Schneider, President and CEO, Embraer Defense & Security. "It is also an opportunity for the continuous development of new technologies and products for the FAB and the Ministry of Defense, aimed at expanding the operational capacity and guaranteeing national sovereignty. A major challenge for this aerial system will certainly be its integration and joint operation with other systems and aircraft, manned or unmanned." The cooperation within the scope of this MoU aims at the joint study of the needs of the FAB in the context of its missions, as well as the understanding and prioritization of operational and logistical elements related to the development of a superior class unmanned aircraft system of multiple capacities. The development of an unmanned aerial aircraft system with Brazilian technology offers a relevant opportunity to the Defense Industrial Base (DIB) and its strategic companies, promoting its development and strengthening knowledge to meet the needs of the Brazilian State.

MILITARY AND DEFENCE

Honeywell and GKN Aerospace sign license and parts supply agreement for F-35 wheels and brakes



F35 fighter jet take-off

Photo: Honeywell

Honeywell and GKN Aerospace's Fokker Landing Gear business in the Netherlands have signed a license and parts supply agreement for an authorized service center for Honeywell's wheels and brakes on the F-35 military fighter jet. In 2016, GKN Aerospace's Fokker Landing Gear was chosen by the F-35 Joint Program Office (JPO) to maintain and service landing gear components for the European F-35 fleet. The ten-year, non-exclusive agreement between Honeywell and GKN Aerospace will cover the entire European market and bring significant benefits to both current and future owners and operators of the F-35. This agreement will substantially reduce the logistical footprint of supporting the regional fleet with a Netherlands-based depot, thus resulting in a lower cost of ownership for F-35 operators. As part of the license agreement, GKN Aerospace will provide repair, overhaul, and maintenance of Honeywell's wheels and brakes covering all variants of the F-35.

MTU Aero Engines and Safran Aircraft Engines create EUMET to lead engine activities of the Next-Generation Fighter (NGF)



The Next-Generation Fighter

Photo: MTU

Europe's Next-Generation Fighter (NGF) within the FCAS program takes a decisive step forward as MTU Aero Engines and Safran Aircraft Engines finalized their collaboration agreement by creating a 50/50 joint company. The new entity, called EUMET GmbH (derived from European Military Engine Team), will be based in Munich and will be headed by a Safran-nominated Chief Executive Officer. EUMET will oversee the development, production, and support of the engine to power the Next-Generation Fighter (NGF). The joint venture will be the sole contract partner for the participating nations in the engine program. On this basis, MTU Aero Engines and Safran Aircraft Engines are looking forward to involving the Spanish company ITP Aero in this challenging engine roadmap. ITP will be contracted as a main partner to EUMET. Through EUMET, the partners will be developing the technology and demonstrators for a best-in-class engine that will meet the evolving needs of European armed forces. Within EUMET, Safran Aircraft Engines will lead the engine's overall design and integration, while MTU Aero Engines will lead the engine service activities. ITP Aero will be fully integrated into the design of the engine and develop the low-pressure turbine and the nozzle amongst other items.

OTHER NEWS

Finnish **Air Line Pilots' Association** and Service Sector Employers Palta have signed an agreement on a new, 3.5-year collective labor agreement for **Finnair** pilots. The new CLA is in force until September 30, 2024 and encompasses several important structural changes that support Finnair's competitiveness in the fiercely competitive post-pandemic market. These include moving from a service year-based salary structure to a vacancy-based salary structure, and measures enabling balancing the seasonality of air traffic more effectively. "With the new collective labor agreement our pilots demonstrate their willingness to contribute constructively to Finnair's rebuild phase in the middle of the largest crisis in the history of aviation", said Johanna Karppi, Senior Vice President, Human Resources, Finnair. "I am happy that we have together been able to agree on solutions that support Finnair's competitiveness while ensuring Finnair is a good employer for Finnish pilots also in the future. The long agreement period brings us predictability and supports the long-term efforts in building Finnair's future."

International Airlines Group (IAG) has released that it will commit to powering 10% of its flights with sustainable aviation fuel by 2030. The Group will purchase one million tons of sustainable jet fuel per year enabling it to cut its annual emissions by two million tons by 2030. This equates to removing one million cars from Europe's roads each year. In addition, IAG will extend its net zero commitment to its supply chain. The Group will be working with its suppliers to enable them to commit to achieving net zero emissions by 2050 for the products and services they provide to IAG. Luis Gallego, IAG's chief executive, said: "For more than a decade, IAG has led the airline industry's actions to reduce its carbon footprint. It's clearly challenging to transition to a low carbon business model but, despite the current pandemic, we remain resolute in our climate commitments."

South Africa's largest ground handling company, **BidAir Services**, will be changing hands. **National Aviation Services** (NAS), **Colossal Africa**, and a consortium comprised of the current executive management team, have signed an agreement to acquire BidAir Services from the **Bidvest Group**. The closing of the acquisition is subject to fulfilling final requirements from the **Airports Company of South Africa** (ACSA) that manages South African airports as well as other regulatory approvals. BidAir Services provides quality-handling services including passenger and ramp handling, load control and operations, cleaning, toilet and water services, amongst others at nine South African airports. The airports include

Lufthansa Cargo is setting an important course for the future of the airfreight center in Frankfurt. The airfreight company has signed one of the highest-volume contracts in its comprehensive infrastructure program. The detailed planning and realization of the new central high-rack storage system, the centerpiece of the Frankfurt hub, will be implemented with the German mechanical engineering company **Bleichert Automation GmbH & Co. KG** in the future. "With Bleichert Automation, we were able to gain experienced experts in the field of warehousing and material handling technology who will support us with individual and custom-fit solutions," explained Harald Gloy, the cargo airline's Chief Operations Officer. "By continuing the successful cooperation with our logistics general planner agiplan, we now have a high-performance team on board for the realization phase and can move forward in large steps towards construction." Lufthansa Cargo will further develop and renew the logistics center at its home hub in Frankfurt on a modular basis. The transit high-rack storage system, which will be around 40 meters high in the future, with four aisles over 13 levels as well as a multi-level distribution axis along the production areas, forms the centerpiece of the renewal of cargo handling at the Frankfurt hub. The new building will further improve handling times at Lufthansa Cargo's central location and increase efficiency. This means a higher turn-over rate, smoother transport processes, and an improvement in service quality for all customers. Construction and commissioning will take place in several stages, with realization of the high-rack storage system and the first part of the material distribution axis planned between 2022 and 2025. The complete modernization of the Lufthansa Cargo Center is scheduled for completion in 2029,



Photo: Lufthansa Cargo

three main international gateways – O.R. Tambo International in Johannesburg, Cape Town International and King Shaka International in Durban. BidAir's clientele of over 28 major airlines includes international carriers such as Emirates, Etihad Airways, British Airways, Qatar Airways, Singapore Airlines, Air France, Ethiopian Airlines, and RwandAir. NAS and Colossal Africa are committed to investing into the development of facilities and infrastructure, latest equipment, technology, recruitment, and training. Green technology and paperless digital platforms will also be an important part of the operational landscape. The inclusion of the executive management team as part of the acquiring group will also ensure that there is a smooth transition to the new owners with no disruption to the excellent services that BidAir's clients have become accustomed. Once the transaction is complete and regulatory approvals are obtained, BidAir Services will join the largest airport services network in Africa – NAS.

With Ursula von der Leyen commenting that the EU intends to grant unrestricted access to travelers from the U.S. who have been vaccinated against the COVID-19 coronavirus, the **International Air Transport Association** (IATA) was quick to announce its encouragement. "This is a step in the right direction. It gives hope to people

for so many reasons—to travel, to reunite with loved ones, to develop business opportunities or to get back to work. To fulfil that hope, details of the EC's intentions are essential. To be fully prepared, it is imperative that the EC works with the industry so that airlines can plan within the public health benchmarks and timelines that will enable unconditional travel for those vaccinated, not just from the US but from all countries using vaccines that are approved by the **European Medicines Association**. Equally critical will be clear, simple and secure digital processes for vaccination certificates. The IATA Travel Pass can help industry and governments manage and verify vaccination status, as it does with testing certificates. But we are still awaiting the development of globally recognized standards for digital vaccine certificates. As a first step, it is vital that the EU accelerates adoption of the European Green Certificate. President von der Leyen's comments should add urgency to this work," said Willie Walsh, IATA's Director General. However, the IATA felt that travel should not be restricted to those who have had access to a vaccine and should also include those who in possession of a negative COVID-19 test. "The freedom to travel must not be restricted to only those who have access to vaccinations. Vaccines are not the only way to safely re-open borders. Government risk-models should also include COVID-19 testing," said Walsh.

INDUSTRY PEOPLE



Eve Laurier

• Bombardier has appointed **Ève Laurier** as Vice President, Communications, Public Affairs, and Marketing. She will report directly to Bombardier President and CEO **Éric Martel** and will lead the company's community engagement, employee, and customer outreach, and steward the brand journey internally and externally, around the world. Laurier brings more than 20 years of experience in the fields of public relations, communications, corporate marketing, and branding. She most recently served as a general manager at Edelman, a worldwide communications firm that partners with businesses and organizations to evolve, promote, and protect their brands and reputations.



Andrew Masson

• Panasonic Avionics has announced the appointment of **Andrew Masson** as Vice President of Product & Portfolio Management. Masson joins Panasonic from Adient Aerospace, Boeing's aircraft seat joint venture with Adient, where he served as CEO. At Panasonic, he will lead its global Product & Portfolio Management team and guide the company's product and services strategy to deliver innovations and value to customers. Masson will improve and expand customer-focused product management processes and manage development and execution across the product lifecycle for Panasonic's market-leading IFEC products, digital solutions and aftermarket services. He will report to **Ken Sain**, Chief Executive Officer of Panasonic Avionics.

• Faradair has announced the appointment of OEM and airline industry titans **Randy Tinseth** and **Tony Anderson** to help steer the company through its next phase of growth and continued development of the Bio Electric Hybrid Aircraft (BEHA). Former Vice President Marketing for Boeing Commercial Airplanes, Tinseth becomes the new head of Faradair Aerospace Limited's Advisory Board. Anderson, former easyJet executive and only the third employee at



Randy Tinseth (r) and Tony Anderson (l)

the famous low-cost carrier also joins the Board. Between them, they bring a wealth of experience from leading companies in the commercial aircraft sector, providing valuable insight to Faradair's future business model and growth. These appointments are announced ahead of imminent executive and engineering team announcements. Headquartered at the Imperial War Museum Duxford's historic Cambridgeshire airfield, Faradair is developing the 18-passenger/5-ton payload Bio Electric Hybrid Aircraft (BEHA). Optimized for hybrid power, it will employ a 1MW Honeywell turbogenerator, delivering electricity to a magniX electric propulsion unit. Partnered with Cambridge Consultants, Gonville & Caius College, Honeywell, IWM Duxford, magniX, Nova Systems, prodrive, Swansea University and vvw, Faradair aims to manufacture and operate 300 aircraft by 2030, in a variety of roles including regional air transport, utility, and firefighting. A prototype is expected to fly in 2024.



Anko van der Werff

• Scandinavian Airlines System Aktiebolag (SAS AB) has announced that the Board of Directors has appointed Avianca Holdings' CEO **Anko van der Werff** as the new President and CEO of SAS AB. He will take up his new position with the Group on July 15, 2021. Van der Werff has held senior positions in the aviation industry, having spent ten years with Air France KLM between 2000 and 2010, rising to the position of Commercial Director U.K./Ireland, United Kingdom. Between 2010 and 2014 van der Werff worked at Qatar Airways Group in a number of roles including SVP Pricing & Revenue Management, while between 2014 and 2019 he was the Executive Vice President & Chief Commercial Officer at Grupo Aeromexico. In 2019 until the present time, he has been the President & Chief Executive Officer of Avianca Holdings.



Rajeev Bhalla

• Seasoned senior finance executive **Rajeev Bhalla** has been named a Director of the Board at Next Level Aviation, a leader in the aerospace used serviceable materials (USM) market. He brings wide-ranging financial, operational, and strategic expertise to the company as it plans substantial growth in the coming years, both organically and through acquisition. Bhalla's background includes demonstrated discipline and expertise in finance, governance, and team development. This comes through current work as a Cerberus operating partner, board of director roles as well as experience in a number of successful companies.

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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	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
A319-100	BBAM	CFM56-5B5/P	2214	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-112	DVB Bank	CFM56-5B63	3586	2008	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-131	DVB Bank	V2522-A5	2375	2005	Q2/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-200	BBAM	V2527-A5	2587	2005	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A320-200	ORIX Aviation	CFM56-5B4/3	3831	2009	Q2/2021	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	DVB Bank	V2527-A5	3734	2009	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-200	GA Telesis	CFM56-5B6/3	5393	2012	Jun 2021	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-200	GA Telesis	airframe only	2152	2004	May 2021	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-214	DVB Bank	CFM56-5B4/3	3767	2009	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-230	DVB Bank	V2527-A5	4552	2010	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-232	DVB Bank	V2527	4323	2010	Q2/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-232	ALTAVAIR	V2527-A5	4621	2011	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A320-251neo	FPG Amentum	LEAP 1A26	8300	2018	Now	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
A321-231	DVB Bank	V2533-A5	6009	2014	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A321-231	DVB Bank	V2533-A5	6294	2014	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.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	DVB Bank	CF6-80E	814	2007	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-200 (12x)	ALTAVAIR	Trent 772B-60/16	various	05-14	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A330-200	Doric	Trent 772B-60/16	1407	2013	Q2/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-200	Doric	CF6-80E 1A4/B	883	2007	Q2/2021	Sale	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-300 (6x)	ALTAVAIR	Trent 772-60/19	various	09-11	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
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	DVB Bank	Trent 772B-6	1146	2010	Q2/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-300	DVB Bank	Trent 772B-60EP	1357	2012	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-300	DVB Bank	Trent 772B-60EP	1378	2013	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-300	FPG Amentum	Trent 772B-60EP	1427	2013	Now	Sale / Lease	Rupert Leggett	rupert.leggett@fpg-amentum.aero	+353 86 041 9902
B737-700	BBAM	CFM56-7B22	38125	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38126	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B20	32414	2002	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	GA Telesis		34300	2006	Now	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	
B737-8	Orix Aviation	CFM LEAP-1B	42825	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42826	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42827	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42828	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42829	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42830	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42831	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42832	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42833	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42835	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	63971	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	64992	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-800	FPG Amentum	CFM56-7B27E	40259	2013	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	FPG Amentum	CFM56-7B26/3	35647	2009	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	FPG Amentum	CFM56-7B26/3	39163	2009	Q4/2021	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
B737-800	DVB Bank	CFM56-7B26E	40880	2012	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	30294	2004	Q4/2021	Sale	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B	30659	2003	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B26E	38034	2012	Q2/2021	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	BBAM	CFM56-7B26/3	40242	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039

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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Jet Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
B737-800SF	GA Telesis		28826	1999	Q2/2021	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	BBAM	GE90-115B	41081	2012	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	ALTAVAIR	GE90-115B	34597	2006	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B777-300ER	ALTAVAIR	GE90-115B	39686	2013	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B777-300ER	Doric	GE90-115BL1	35592	2009	Q2/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	Doric	GE90-115BL2	36158	2009	Q2/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	DVB Bank	GE90-115B	37705	2009	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B787-9	Orix Aviation	Trent 1000	63316	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B787-9	Orix Aviation	Trent 1000	63321	2019	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451

Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200LR	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext. 164
CRJ-700	Regional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext. 164
D0328 Jet	Regional One	PW306B	3185	2001	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext. 164
ERJ170-100LR	Regional One	CF34-8E5	17000123	2006	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext. 164
ERJ-145LR	Regional One	AE3007A1	145304	2001	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext. 164
ERJ-145LR	Regional One	AE3007A1	145331	2000	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext. 164
SAAB 2000	Jetstream Aviation Capital	AE2100A	031	1996	Q1/2021	Sale / Lease	Donald Kamenz	dkamenz@jetstreamavcap.com	+1 (305) 447-1920 x 115
SAAB 340B CRG	Jetstream Aviation Capital	CT7-9B	224	1990	Q1/2021	Lease	Bill Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102
SAAB 340B Plus	Jetstream Aviation Capital	CT7-9B	450	1998	Q1/2021	Lease	Bill Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102

Commercial Engines

Multiple Types	Sale / Lease	Company	Contact	Email	Phone
Multiple Engines GE / CFM / RB211	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
AE3007 Engines	Sale / Lease	Company	Contact	Email	Phone
(3) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
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				
CF34-3B1	Now - Sale				
CF34-3A	Now - Sale / Lease				
(2) CF34-8C5B1	Now - Sale / Lease	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) CF34-3B1	Now - Sale / Lease				
(1) CF34-3B1 (dual release tag)	Now - Sale	FL Technics	Modestas Valiusėvičius	m.valiusėvicius@fltechnics.com	+370 6 54 96179
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
(2) CF34-10E6 Full QEC	Now - Sale / Lease	DASI	Joe Hutchings	joe.hutchings@dasi.com	+ 1 954-478-7195
(1) CF34-10E5A1 Full QEC	Now - Sale / Lease				
(4) 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	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(2) CF34-8C5B1	Now - Sale/Lease/Exch.				
(3) CF34-8E5A1	Now - Sale/Lease/Exch.				
(2) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80C2B7F	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF6-80E1A3	Now - Sale / Lease				
(1) CF6-80E1A4B	Now - Sale / Lease				
(2) CF6-80E1A4B	Now - Sale/Lease/Exch.	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
(3) CF6-80C2B1F	Now - Sale/Lease/Exch.	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) CF6-80C2B6F	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiairline.com	+1 786 785 0787
(2) CF6-80E1	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(1) CF6-80E1A4B	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-3C1 unserviceable	Now - Sale	KMS Aero	Sharon Brady	sharonbrady@kmsaero.com	+353 868161287
(2) CFM56-3B1 unserviceable					



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B4/P (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaaviation.com	+1 786 785 0787
(1) CFM56-5B5/P	Now - Lease				
(1) CFM56-5B6/P	Now - Lease				
(1) CFM56-5B1/3	Now - Lease				
(1) CFM56-5B1/P	Now - Lease				
(2) CFM56-7B26 (full QEC)	Now - Lease				
(1) CFM56-7B27	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-7B22 (with QEC)	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(4) CFM56-7B24/3	Now - Lease				
(2) CFM56-5B4/3	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(1) CFM56-7B24/E	Now - Lease				
(2) CFM56-5C4	Now - Lease				
(1) CFM56-7B27/B3	Now - Lease				
(2) CFM56-5B4/P	Now - Lease				
(2) CFM56-7B26/3	Now - Lease				
(2) CFM56-7B26	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) CFM56-5B5/P	Now - Sale / Lease				
(2) CFM56-7B22	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbank.com	+44 207 256 4449
(multiple) CFM56-5B	Now - Sale / Lease				
(multiple) CFM56-7B	Now - Sale / Lease	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1 469-628-3756
(2) CFM56-7B26/E	Now - 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) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P	Now - Sale / Lease				
(1) CFM56-7B22/3	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-5B4/P	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.				
(2) CFM56-5B6/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(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				
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(2) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) LEAP-1A33	Now - Lease				
(1) LEAP-1A32	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) LEAP-1A26	Now - Lease				
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW4062-3	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaaviation.com	+1 786 785 0787
(1) PW4062-3	Noew - Sale / Exchange				
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW121	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(3) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(4) PW127M	Now - Sale/Lease/Exch.				
PW119B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.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

Commercial Engines (cont.)

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW120A	Now - Sale / Lease	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW120	Now - Sale/Lease/Exch.				
(1) PW123E	Now - Sale/Lease/Exch.				
(4) PW126	Now - Sale/Lease/Exch.				
(1) PW121	Now - Sale/Lease/Exch.				
(2) PW123	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
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 772C-60	Now - Sale/Lease/Exch.				
(1) Trent-556-61	Now - Sale/Lease/Exch.				
(1) Trent 556A2-61	Now - Sale/Lease/Exch.				
(1) Trent 1000-J3	Now - Lease				
(1) Trent XWB-84k	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) Trent772B-60	Now - Lease				
(1) Trent 892B-17	Now - Sale				
(1) Trent 892B-17	Now - Sale / Exchange				
(1) Trent 892B-17	Now - Sale / Exchange				
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) V2522-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) V2524-A5	Now - Sale/Lease/Exch.				
(1) V2527-A5	Now - Sale/Lease/Exch.				
(1) V2527E-A5	Now - Sale/Lease/Exch.				
(1) V2527M-A5	Now - Sale/Lease/Exch.				
(1) V2530-A5	Now - Sale/Lease/Exch.	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) V2533-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Sale/Lease/Exch.				
(1) V2527-A5	Now - Sale/Lease/Exch.				
(4) V2533-A5	Now - Lease				
(1) V2527-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	May 2021 - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) V2527-A5	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcFarland@ftaiairline.com	+1 786 785 0788
(2) V2522-A5	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(2) V2527-A5	Now - Lease	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(2) V2527-A5	Now - Sale/Lease/Exch.				
(3) V2533-A5	Now - Lease				
(1) V2527-A5	Now - Sale / Lease				
(1) V2527-A5	Now - Sale / Lease				
(1) V2527-A5	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111

Aircraft and Engine Parts, Components and Misc. Equipment

Description	Company	Contact	Email	Phone
(1) GTC331-500B	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
Trent 892B-17 Modules				
(2) GTC331-200ER, (2) GTC331-9A, (1) GTC331-9B	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) A321 Enhanced Landing Gear 2020 OH	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
Neutral CFM56-7B QEC Kit				
(1) RE220, (1) APS3200, (1) GTC331-9A	Magellan Aviation Group	Drew Megorden	drew.megorden@magellangroup.net	+1 704-340-0273
(1) GTC331-9B, (1) GTC331-500B	GA Telesis	Danielle Rodon	landinggearsales@gatelesis.com	+1 954 865 9314
A320 Landing gear shipsets				
(2) GTC331-350, (5) GTC331-9A	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(1) APS3200, (2) GTC331-9B	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) GTC331-150RJ, (2) GTC331-100M, (1) RE220RJ, (1) PW126 RGB, (1) PW901A				
(1) APS1000-C12, (1) APS1000-C3	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTC331-9A (2), GTC331-9B(2)				
GTC331-200, GTC331-250	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
APS500C14(3), APS1000C12(2), APS2000				
APS2300, APS3200(2), APS5000(2)	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
PW901A(4), PW901C(2)				
TSCP700-4E	GA Telesis	John Wales	apu@gatelesis.com	+1-417-622-7215
Neutral V2500-A5 QEC Kits (2) 745K9001-64				
(1) APU T-62T-40C	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(5) GTC331-9A, (1) GTC331-9B, (1) APS3200C, (1) GTC331-200				
(3) GTC331-350, (2) GTC331-500, (1) APS3200B	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000				
(1) APU GTC331-9A, (1) APU GTC331-9B	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
Engine stands now available				
(2) PW901A, (1) PW901C(1), PW125B RGB	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368