

Weekly Aviation Headline News

WORLD NEWS

Virgin and Delta Cargo extend UK partnership

Virgin Atlantic Cargo and Delta Cargo have extended their long-standing partnership with dnata for a further five years, continuing the successful operation of ground handling and export services from the joint London Heathrow hub and Manchester Airport. The partnership also includes regional cargo gateways London Gatwick, Aberdeen, Birmingham, Edinburgh and Newcastle.

Qatar Airways Cargo and WiseTech team up

Qatar Airways Cargo and WiseTech a provider of software solutions to the logistics industry, have commenced implementation of an extensive direct data connection between their global operating systems. The direct data connection between WiseTech's leading CargoWise platform and Qatar Airways Cargo management system, CROAMIS, streamlines the exchange of critical operational data that reduces risk, complexity and costs for forwarders as well as airlines.

Skyport selected to handle Finnair Cargo at Prague

Central European cargo handler Skyport has been selected by Finnair Cargo to deliver its cargo handling requirements at Prague Airport in the Czech Republic. Finnair Cargo will be handled at Skyport's semi-automated 8,300 m² airside facility in Prague, which has recently been upgraded as part of ongoing technology investments by its new owner Ventus. Skyport's new owner focuses on investing in air cargo and robotic industrial infrastructure mainly in Europe and North America.



First JetBlue Airspace A321LR has started operations to London Heathrow.

Photo: JetBlue

JetBlue shakes up transatlantic market

With the start of new UK operations

JetBlue announced it has officially entered the transatlantic market with new, nonstop services between New York's John F. Kennedy International Airport (JFK) and London Heathrow Airport (LHR). The highly anticipated milestone is aimed at shaking up the transatlantic market dominated by the large full-service network carriers.

"For the first time in JetBlue's 21-year history we are crossing the North Atlantic and competing in one of the busiest travel markets in the world, well-positioned to introduce our award-winning service and low fares to a

new global audience that is ready for a fresh choice in transatlantic flying," said Robin Hayes, chief executive officer, JetBlue.

JetBlue's presence at London

"For the first time in JetBlue's 21-year history we are crossing the North Atlantic and competing in one of the busiest travel markets in the world."

Robin Hayes, chief executive officer, JetBlue

Heathrow Airport gives the U.S.-based travel company visibility at an iconic global hub to build a new base of travellers in the U.K. and beyond. JetBlue will operate from Heathrow's newest terminal –

Terminal 2 – which offers travellers a modern airport experience with access to dozens of shops and restaurants.

Operations between New York-JFK and Heathrow operate daily in August and four times weekly in September on JetBlue's new Airbus A321 Long Range (LR) aircraft with 24 redesigned Mint suites, 114 core seats and the sleek and spacious Airspace cabin interior.

The A321LR allows JetBlue to tap into new long-haul markets, like London, that were not previously

Continued on page 3



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...continued from page 1

accessible with the airline's existing fleet. The LR's range of up to 4,000 nautical miles is made possible by three additional centre fuel tanks and the aircraft delivers 30 percent fuel savings and nearly 50 percent

reduction in noise footprint compared to previous generations of aircraft. JetBlue is also the global launch partner for the new Airspace by Airbus cabin, bringing long-haul style to the A321 for the first time ever.

JetBlue remains on track to add additional service between the U.S. and the U.K. with flights between New York-JFK and London Gatwick Airport (LGW) starting September 29, 2021.

AIRCRAFT & ENGINE NEWS

Nordic Aviation Capital delivers one Embraer E190 jet to Breeze Airways



Photo: Breeze Airways Embraer E190

Nordic Aviation Capital (NAC) is pleased to confirm that it has delivered one Embraer E190, MSN 19000101, to Breeze Airways on lease. Breeze Airways is a new low-cost airline, founded by aviation entrepreneur David Neeleman, offering point-to-point flights from smaller secondary airports, bypassing hubs for shorter travel times.

Orders and deliveries – Boeing and Airbus

Airbus v Boeing: Orders and Deliveries

July 2021 YTD

Airbus			Boeing		
Type	Orders	Deliveries	Type	Orders	Deliveries
A220	14	25	737	192	136
A320 Family	17	278	747	2	3
A330	2	7	767	46	17
A350	0	32	777	30	14
A380	0	2	787	-13	14
Total	33	344	Total	257	184

Source: Airbus

Source: Boeing

Airbus delivered 47 aircraft in July to 32 operators and generated just two orders during the month. Boeing reported 31 orders in July and delivered 28 aircraft.

Embraer's Eve and Kenya Airways partner on future Urban Air Mobility

Eve Urban Air Mobility Solutions (Eve) has signed a Memorandum of Understanding (MoU) with Kenya Airways, the flag carrier of Kenya, through its fully owned subsidiary Fahari Aviation. This collaboration aims to develop operational models for the wide accessibility of Urban Air Mobility (UAM) to support Fahari Aviation's key markets. In addition, this partnership will establish the co-creation of a foundation of concepts and procedures to safely scale electrical vertical takeoff and landing (eVTOL) aircraft, also known in the market as EVA (Electrical Vertical Aircraft). Eve will support Fahari Aviation, the unmanned aircraft systems (UAS) division of Kenya Airways that promotes safe and secure UAS usage in the region, in establishing its UAM network and to collaborate on the required Urban Air Traffic Management (UATM) procedures and UAM operating environment. This partnership will also allow Fahari Aviation to support Eve's aircraft and product development process which will help guide the integration of UAM with Kenya Airways' overall operations. Eve's fully electric aircraft is designed to be accessible to all while being a community-friendly aircraft with a low noise signature and no emissions. It aims to drastically cut road travel time. It is ideally suited as a UAM aircraft bringing all traditional aviation travelers closer to their final destination, efficiently and comfortably. The partnership will deliver a robust strategy to provide Fahari Aviation's passengers with a sustainable, accessible, and affordable transportation option. It is estimated that using UAM from the airport to downtown, EVA can reduce conventional road trips by up to 90% turning an hour and a half ride into a six-minute flight.



Eve will support Fahari Aviation, the unmanned aircraft systems (UAS) division of Kenya Airways that promotes safe and secure UAS usage in the region
Photo: Embraer



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Aergo Capital completes acquisition of two wide-body aircraft by way of sale and leaseback with Iberia



Iberia Airbus A330-200

Photo: AirTeamImages

Aergo Capital has completed the sale and leaseback of two Airbus A330-200 aircraft, bearing manufacturers serial numbers 1864 and 1882. Both aircraft are subject to long-term leases with Iberia. Fred Browne, Chief Executive Officer of Aergo, commented: "We are extremely happy to partner with Iberia and further strengthen our relationship with IAG by adding one more carrier to the portfolio. We found Iberia to be proactive and fully supportive in this transaction, resulting in a smooth closing process. We are looking forward to further developing our relationship with the Group & Iberia". Justin Bradburn, Principal Carval Investors, commented that "We are delighted to close this transaction and broaden the growing relationship with Iberia and the IAG group."

SkyWest to operate 16 new Embraer E175 jets for Delta Air Lines

SkyWest has signed an agreement with Delta Air Lines (Delta) to purchase and operate 16 new Embraer E175 aircraft under a multi-year capacity purchase agreement. These aircraft are scheduled to be placed into service beginning in the first half of 2022 and will be placed into service ratably through year-end 2022. The aircraft will be purchased by SkyWest from Embraer and delivered new from the factory. SkyWest continues to be the largest owner/operator of the Embraer E175 aircraft and it expects the 16 new E175 aircraft will replace 16 SkyWest-owned or financed CRJ900s currently under its Delta contract, with expirations ranging from the second half of 2022 to early 2023. SkyWest is evaluating the impact of the anticipated displacement of the CRJ900s, including a potential non-cash impairment charge.



SkyWest will operate 16 more E175 jets for Delta Air Lines

Photo: Embraer


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AIRCRAFT & ENGINE NEWS

Bombardier takes delivery of 100th Pearl 15 engine

Rolls-Royce has delivered the 100th Pearl 15 engine to its customer Bombardier in Montreal, Canada. The engine, developed and built in Dahlewitz near Berlin, Germany, is the first member of the successful Pearl engine family and the exclusive option for Bombardier's latest business jets, the Global 5500 and Global 6500. The engine was custom designed for these aircraft, which have the longest range and the largest cabin in their category and feature Bombardier's signature smooth ride technology. The Dahlewitz site, which has delivered more than 1,800 engines overall to Bombardier to date, started production in June 1995 and today employs approximately 2,500 people. As Rolls-Royce's Center of Excellence for Business Aviation Engines, the site has an important role in its global manufacturing and development footprint.



The Pearl 15 engine is the exclusive option for Bombardier's Global 5500 and Global 6500 business jets
Photo: Rolls-Royce

Ampaire successfully performs first test flight of hybrid electric aircraft on potential commercial route



Ampaire debuts its hybrid/electric EEL in Orkney, Scotland
Photo: Neil Thain

Ampaire, the U.K. subsidiary of Los-Angeles-based Ampaire has successfully performed its first full test flight on a potential future commercial route between Kirkwall Airport on the Orkney Islands across the Pentland Firth to Wick John O'Groats Airport on mainland northern Scotland. This is also the first U.K. demonstration of the aircraft, a modified six-seat Cessna 337, now Ampaire's Electric EEL technology demonstrator, which has been modified to run on both battery power and a conventional combustion engine. Ampaire is an industry leader in the race for conversion to electric power for aircraft, but also recognizes that the fastest way to introduce new technology is to convert existing aircraft rather than starting from scratch with every new project. The company's new powertrain will have the potential to initially reduce carbon emissions by 25% and will operate on lifeline routes in Scotland, as well as elsewhere in the world. Ampaire test pilot Justin Gillen commented: "Today's

flight to Wick went without a hitch, flying at 3500 feet and 120 miles per hour. The Electric EEL is easy to fly, and we've achieved a total five hours here so far." "This is an important first step to decarbonizing Scottish regional aviation, while lowering the cost of air service," said Ampaire founder and CEO Kevin Noertker, adding: "It's a model for what Ampaire will be able to offer regional carriers everywhere." The company sees its hybrid electric upgrades as a catalyst to zero-emission, all-electric aircraft, as battery technology advances and airport charging infrastructure matures. The trials, the first to operate on a viable regional airline route, are part of the Sustainable Aviation Test Environment (SATE) project, which is being led by Highlands and Islands Airports Limited (HIAL). SATE is funded by U.K. Research and Innovation (UKRI) through the Industrial Strategy Challenge Fund, and is based at Kirkwall Airport in Orkney, which is also home to the U.K.'s first operationally based low-carbon aviation test center. SATE forms part of the UKRI's Future Flight Challenge, created to test low-carbon aviation technologies, as well as to investigate the airport infrastructure required to support sustainable aviation.

Volaris and CBD Aviation agree terms for sale and leaseback of four Airbus A320neos

CBD Aviation, which is the wholly owned Irish subsidiary of China Development Bank Financial Leasing Co., (CBD Leasing), has signed a new agreement with Mexico's leading carrier Controladora Vuela Compañía de Aviación, S.A.B. de C.V. (Volaris), for the sale and leaseback of four brand-new Airbus A320neo jets, two of which are scheduled for delivery to Volaris by October this year. The remaining two should be delivered by May 2022 and all four have been acquired on long-term leases. These neos comprise part of Volaris' optimization of its fleet plan as it looks to reinforce its low-unit cost operating model to meet post-COVID-19 traffic requirements in alignment with the company's sustainability strategy. "Volaris will continue an aggressive strategy on growth and strong operational performance. Therefore, our fleet expansion is one of the main pillars of our ultra-low-cost model and will help us reinforce both local and international presence in all the markets we serve," said Holger Blankenstein, Volaris' Executive Vice President. The fuel-efficient, latest-technology passenger jets will be deployed primarily to shore up Volaris' leading role in the Mexican domestic market, enabling the airline to seize opportunities as vaccination programs gain momentum and confidence in air travel accelerates.



Volaris will take delivery of four new A320neo aircraft from CBD Aviation
Photo: AirTeamImages

MRO & PRODUCTION NEWS

Magnetic MRO and Aerospheres have signed Chemical Consignment Agreement

Magnetic MRO, a Total Technical Care and Asset Management organization, has signed a chemical consignment agreement with Aerospheres U.K., a London-based leader in real-time distribution of chemicals, paints, adhesives, sealants, and composites in support of commercial airline MRO operations worldwide. Aerospheres U.K. has been a long-term partner of Magnetic MRO, supplying chemicals and adhesives to the company, but with the new chemical consignment agreement, the partnership extends. It now covers supply chemicals and adhesives required for maintenance tasks as Aerospheres own materials will be stored in Tallinn, Magnetic MRO stock, starting from August 2021.

International cargo operator upgrades B767 Flight Decks with Thomas Global's TFD-7000 series LCD displays

A major international cargo operator has selected Thomas Global's TFD-7076 LCD displays from the TFD-7000 series to replace the legacy Cathode Ray Tube (CRT) Engine Indicating & Crew Alerting System (EICAS) displays remaining in the operator's Boeing 767 flight decks, which had previously been retrofitted by Innovative Solutions & Support Inc. (IS&S). The TFD-7000 Series is a drop-in replacement for all legacy CRT displays in Boeing 767, 757 and 737 flight decks. It also provides a standalone LCD solution for the CRT-based EICAS displays remaining in B757/767s installed with the IS&S flat-panel retrofit. The TFD-7000 Series captures all the benefits of LCD technology, delivers dramatic operating efficiency and life-cycle cost improvements, and a growth platform for emerging airspace requirements. The drop-in design avoids major flight deck modifications, significantly reducing associated aircraft downtime and crew retraining costs.

Pro Star Aviation named Embraer Authorized Service Center



Embraer Phenom 100 jet

Photo: Pro Star Aviation

Pro Star Aviation's General Manager. "Our team has extensive experience on many business jet platforms including the Phenom 100/300 for maintenance, avionics upgrades, cabin entertainment, and refurbishments". Embraer owners will have the advantage of Pro Star's proximity to Boston and Hartford, providing avionics upgrades and repairs, as well as full maintenance capabilities. Its state-of-the-art facilities provide dedicated customer offices, conference rooms, complimentary Wi-Fi, and full access to customers' aircraft.

Embraer had selected Pro Star Aviation, an innovative aerospace modification center, as the new Northeast Embraer Authorized Service Center, providing line and base maintenance support on the Phenom 100/300, Legacy 450/500, Praetor 500/600, and Legacy 600/650 airframes. Embraer is one of the leading business jet manufacturers, delivering high-quality aircraft worldwide, and Pro Star is honored to have been selected as an Authorized Service Center," stated Sean Peterson,

Spirit Aeronautics adds Texas location

Spirit Aeronautics, a leading avionics solutions provider for business, special missions, and military aircraft, has announced its expansion in a key location at Meachum International Airport (KFTW). Serving the Dallas/Ft. Worth metroplex, Spirit Aeronautics will operate from Baker Aviation's new 70,000 ft² hangar facilities providing avionics modifications and flight line support for local aircraft operators. Baker Aviation has recently constructed aircraft hangar facilities at KFTW for large business class aircraft to elevate its growing repair station and charter operations. This new expansion created an opportunity for partnership with Spirit Aeronautics to provide leading-edge avionics installation and complex modifications in partnership with Baker's repair station business. "We saw an increasing need to provide high-level avionics services in the Dallas/Ft. Worth area," stated Rick Ochs, CEO of Spirit Aeronautics, "Baker Aviation has designed state-of-the-art facilities with the capability for our team to continue providing the same level of avionics services and support as we've done for more than 20 years at our OH location".



Baker Aviation hangar

Photo: Spirit Aeronautics

Honeywell and Lufthansa Technik sign MRO agreement for components in CFM LEAP series engines



LEAP engine

Photo: LHT

Honeywell and Lufthansa Technik have signed an extensive collaboration agreement for the maintenance of Honeywell components installed on CFM International's LEAP series engines which are used in Airbus A320neo-family, Boeing 737 MAX, and COMAC C919 aircraft. Under this agreement, Lufthansa Technik will develop Maintenance, Repair and Overhaul (MRO) capabilities for the Honeywell components. By this, the company will be able to offer improved and OEM-certified aftermarket services, with increased component reliability and reduced operator life-cycle costs. Lufthansa Technik and Honeywell have enjoyed a long standing, collaborative relationship including Lufthansa Technik as the licensed component repair center and exclusive global asset provider for all Honeywell products on Airbus A350 aircraft. Moreover, Lufthansa Technik brings a new level of predictive health management expertise to airlines, with the inclusion of Honeywell Forge analytics on Lufthansa Technik's AVIATAR platform.

FINANCIAL NEWS

Rolls-Royce reports good start to the year with improving cash flow and profits

Rolls-Royce Group's underlying revenue from continuing operations for the first half year of 2021 was £5.2 billion, down 2%, which reflected a more balanced contribution from the business units compared with the same prior-year period. It included a positive £160 million Civil Aerospace LTSA revenue catch-up compared with a £(866) million negative revenue catch-up in the first half of 2020. Group underlying operating profit from continuing operations of £307 million included significant cost savings from the restructuring program, primarily in Civil Aerospace, and favorable timing and mix of activity in Defense and Power Systems. The prior period comparative underlying loss of £(1.6) billion included £(1.2) billion of one-off charges mostly related to the impact of COVID-19 on Civil Aerospace. In Civil Aerospace, Rolls-Royce's first-half operational performance saw an overall improvement with a recovery in business aviation and domestic large-engine flying activity together with substantial cost benefits from its fundamental restructuring program, which is reducing the size of its cost base by around a third. Large engine LTSA flying hours were 43% of the 2019 level, up from the 34% in H2 2020; 92 large-engine major shop visits were completed, and 100 large engines were delivered. The Group has already seen a return to 2019 levels of flying activity for its business aviation engines and for large engines operated on domestic flying routes. However, international travel is recovering more gradually, hindered by global variation in vaccination rates and ongoing travel restrictions. The Group's liquidity position was strong with £7.5 billion of liquidity including £3.0 billion in cash at the end of the half year after repaying the 2021 €750 million loan notes and the £300 million Covid Corporate Financing Facility (CCFF) loan in the first half. Net debt (before leases) was £(3.1) billion at the period end. The Group signed an extension to the 2022 £1 billion unused loan facility to 2024, consequently it has no debt maturities before 2024 (excluding ITP Aero). Free cash outflow of £(1.2) billion represented a significant improvement on the same prior-year period of £(2.9) billion, which included a £(1.1) billion negative impact from the cessation of invoice factoring. The £0.6 billion underlying improvement reflected good progress on cost reduction, stronger operating performance, and reduced capital expenditure. (£1.00 = US\$1.39 at time of publication.)

Spirit AeroSystems reports improved second-quarter 2021 results

Spirit AeroSystems second quarter of 2021 revenue was US\$1.0 billion, up 55% from the same period in 2020, primarily due to

MRO & PRODUCTION NEWS

C&L Aviation Group receives STC certification for Embraer 135 business-class solution



C&L flat floor modification for STC

Photo: C&L Aviation Services

C&L Aviation Services has received supplemental type certificates (STC) from the FAA for its 16-passenger business class seating and floor leveling solution to be used in the Embraer ERJ 135. The STC certifies structural modifications for seat track relocation, allowing for a 1x1 business-class seating arrangement with a comfortable and luxurious 43-inch seat pitch and extended reclining capabilities. In this configuration, the cabin is transformed from 37 to 16 seats. Further, the STC allows for a new center aisle (prior to the modification the aisle is offset) and extended aisle width. The STC modification also includes galleys improvements that increase the aircraft's beverage capacity. "Since we began producing custom, semi-private aircraft interiors a few years ago we have received several inquiries for this type of configuration," said Phil Miholovich, Director of Maintenance for C&L Aviation Services. "Having our own in-house engineering group allows us to dedicate resources to STC projects like this one that meets customer's needs." C&L is also actively working on an STC amendment to include the ERJ 145 and expect FAA approval to come before the end of 2021. The ERJ 145 will be able to accommodate up to 24 seats with this modification. For these modifications to be implemented, it requires another C&L STC to be done in conjunction, which removes the cabin overhead bins, installs new ceiling and valance panels, introduces continuous run LED lighting as well as an additional row of overhead lighting.

FINANCIAL NEWS

Joby Aviation becomes publicly traded company

JetBlue Technology Ventures (JTV), the corporate venture capital subsidiary of JetBlue Airways, has announced that its portfolio company Joby Aviation (Joby) has completed its merger with Reinvent Technology Partners (Reinvent), a special-purpose acquisition company. The combined company is now listed on the New York Stock Exchange (NYSE) for public trading under the ticker symbols "JOBY" and "JOBY WS," respectively. Joby is building a fully electric vertical take-off and landing (eVTOL) passenger aircraft that it intends to operate for commercial use in the U.S. beginning in 2024. The piloted, four-passenger aircraft will travel at speeds up to 200 miles per hour, will fly 150 miles on a single charge, and will be significantly quieter than existing rotorcraft or small planes during take-off and landing. JTV's initial 2017 strategic investment in Joby aligns with its commitment to identify and invest in sustainable travel technology. In doing so, the subsidiary also aids JetBlue's mission to become a sustainability leader. This announcement follows recent news that JetBlue is working in conjunction with Joby and Signature Aviation to ensure that the carbon markets for aviation include the generation of credits for flights powered by green electric and hydrogen propulsion technologies.



Joby is building a fully electric vertical take-off and landing (eVTOL) passenger aircraft

Photo: Bradley+Wentzel

FINANCIAL NEWS

higher production deliveries on the Boeing 737 and Airbus A320 programs and increased revenue from the recently acquired A220 wing and Bombardier programs. These increases were partially offset by the lower wide-body production rates due to reduced international air traffic resulting from the impacts of COVID-19. Deliveries increased to 243 shipsets during the second quarter of 2021 compared to 159 shipsets in the same period of 2020, including Boeing 737 deliveries of 35 shipsets compared to 19 shipsets in the same period of the prior year. Spirit's backlog at the end of the second quarter of 2021 was approximately US\$34 billion, with work packages on all commercial platforms in the Boeing and Airbus backlog. Operating loss for the second quarter of 2021 was US\$97.7 million, as compared to an operating loss of US\$367.0 million in the same period of 2020. The decreased loss was primarily driven by lower forward loss charges, lower costs related to excess capacity, and lower losses on disposal of assets in the second quarter of 2021 compared to the second quarter of 2020. Second-quarter 2021 earnings included US\$47.5 million of excess capacity costs and US\$9.9 million of favorable cumulative catch-up adjustments. Additionally, the second quarter of 2021 included net forward loss charges of US\$52.2 million, primarily driven by Boeing 787 engineering analysis and rework. In comparison, during the second quarter of 2020, Spirit recorded US\$194.1 million of net forward loss charges, excess capacity costs of US\$82.8 million, and US\$37.7 million of unfavorable cumulative catch-up adjustments. Additionally, during the second quarter of 2020, Spirit recognized loss on disposal charges of US\$22.9 million related to certain long-lived assets on the Boeing 787 and Airbus A350 programs. Other income for the second quarter of 2021 was US\$31.1 million, compared to a net expense of US\$6.4 million for the same period in the prior year. The increase primarily reflects income related to the Belfast pension plan during the second quarter of 2021, as well as a non-cash expense of US\$14.7 million recognized in the second quarter of 2020 resulting from the voluntary retirement program (VRP) offered during 2020 that did not recur in 2021.

Willis Lease Finance reports second-quarter pre-tax loss of US\$1.9 million

Willis Lease Finance Corporation has reported second-quarter total revenues of US\$66.5 million and a pre-tax loss of US\$1.9 million. For the three months ended June 30, 2021, aggregate lease rent and maintenance reserve revenues were US\$49.7 million and spare parts and equipment sales were US\$3.6 million. The company reported lower revenue in the second

INFORMATION TECHNOLOGY

Nagasaki-based **Oriental Air Bridge** has inked a deal with **TRAX** to implement the web-based eMRO system to manage maintenance activities on its fleet of Bombardier Dash 8 aircraft. The airline operates charter flights throughout southern Japan in addition to scheduled services between Nagasaki and remote islands and between Fukuoka and several destinations. The airline has been flying since 1961 – originally known as Nagasaki Airways – having been renamed as Oriental Air Bridge

(ORC) in 2001. Implementing the eMRO cloud solution with its leading-edge technology will bring many advantages to ORC. Users can have maximum mobility while accessing required documentation and electronic data, viewing assigned maintenance tasks, receiving real-time updates, on planned and completed work, tapping into integrated materials modules, and an overall increase in lowered costs, enhanced productivity, and efficiency.



Beacon and Inflight The Jet Centre have signed a service agreement

Photo: Embraer

Beacon, the maintenance coordination platform from **EmbraerX**, has signed an agreement with **Inflight The Jet Centre**, one of the largest privately-owned European MRO component support providers. The agreement is focused on supporting Inflight's teams in gaining efficiencies to accelerate aircraft return-to-service. Inflight The Jet Centre answers over 800 AOG and Line cases per year thanks to its experienced and dedicated team of aircraft engineers on Embraer and other aircraft manufacturer's products. Beacon is an innovative platform designed to connect and synchronize industry resources, the aftermarket supply chain, and aviation services professionals in a more agile and efficient manner ensuring the rapid return of aircraft to service. Benefitting from a startup mindset and backed by Embraer's more than 50-year history of aerospace expertise, Beacon is poised to become the leading platform for aviation maintenance collaboration, creating a new digital era in aviation maintenance services, being capable of serving any manufacturer, anytime, anyplace. By signing this agreement, Beacon expands its European efforts and continues to pave a position in the digital aviation services industry. Recently Beacon has signed agreements with ABS Jets and the Mobile Repair Team. Last June, Beacon concluded over 35,000 unscheduled maintenance cases by more than a thousand users. These numbers are expected to grow as the aviation industry recovers from the COVID-19 crisis.

quarter when compared to the prior-year period, primarily due to the pandemic's impact on global travel and, consequently, worldwide fleet utilization. Total revenue was US\$66.5 million in the second quarter of 2021, an 11.4% decrease when compared to US\$75.0 million in the same quarter of 2020. Lease rent revenue was US\$32.4 million in the second quarter of 2021, compared to US\$38.5 million in the second quarter of

2020. Maintenance reserve revenue was US\$17.3 million in the second quarter of 2021, a decrease of 42.4% compared to US\$30.0 million in the same quarter of 2020. The decline in maintenance revenue was primarily influenced by lower long-term maintenance revenue, which is associated with engines returning from long-term lease. Long-term maintenance reserve revenue was US\$14.8 million in the second

FINANCIAL NEWS

quarter of 2021, compared to US\$27.2 million in the comparable prior period.

Brussels Airlines reports half-year EBIT loss of €(143) million

As a result of the coronavirus pandemic and its ongoing and unprecedented impact on the aviation sector, Brussels Airlines has reported a negative EBIT of €(143) million in the first semester of 2021. The non-essential travel bans in the first quarter and continuous travel restrictions severely impacted the airline's passenger numbers. First half-year revenues fell 45% below the prior-year level, to €138 million (H1 2020: €252 million). Compared to the previous year, Brussels Airlines transported 57% fewer passengers between January and June. The seat load factor dropped by 11.7 percentage points to 60.7%. The coronavirus continues to impact the financial results of the entire aviation industry dramatically and, therefore, also Brussels Airlines. A non-essential travel ban in the first quarter of the year, followed by continuous strict travel restrictions, severely impacted passenger numbers. The Belgian airline transported 57% fewer passengers in the first half-year compared to the same period last year. As a result, revenue at Brussels Airlines fell year-on-year by 45% to €138 million in the first semester of 2021 (H1 2020: 252 million euros). The operating income of €147 million was 48% lower than the year before (H1 2020: €281 million). The COVID-19 crisis forced Brussels Airlines – after a good start to the year – to suspend its operations almost entirely for the period between mid-March and mid-June 2020. Since then, the production level is significantly lower and not yet back on pre-crisis levels. (€1.00 = US\$1.18 at time of publication.)

Astronics Corporation reports second-quarter 2021 financial results

Astronics Corporation, a leading supplier of advanced technologies and products to the global aerospace, defense, and other mission-critical industries, has reported financial results for the three- and six-month periods ended July 3, 2021. Consolidated sales were down US\$12.5 million from the second quarter of 2020. Aerospace sales were down US\$13.4 million, and Test System sales increased US\$0.8 million. Consolidated operating loss was US\$5.9 million, compared with operating loss of US\$18.7 million in the prior-year period. The loss in the second quarter of 2021 was due to low volume related to the continued impacts of the COVID-19 pandemic on the global aerospace industry. This impact was partially offset by a US\$2.2

MILITARY AND DEFENCE

Norway's first P-8A Poseidon performs maiden flight



The first P-8A Poseidon aircraft for the Royal Norwegian Air Force

Photo: Boeing

The first of five Boeing P-8A Poseidon aircraft for Norway performed its maiden flight on August 9. The aircraft took off at 10:03 a.m. Pacific time and flew for two hours, 24 minutes, reaching a maximum altitude of 41,000 feet during the flight from Renton Municipal Airport to Boeing Field in Seattle. The first flight marks the next phase of the production cycle of this aircraft as it is moved to the installation and checkout facility, where mission systems will be installed, and additional testing will take place before final delivery to the Norwegian Defence Materiel Agency (NDMA) later this year. The five P-8As will eventually replace Norway's current fleet of six P-3 Orions and three DA-20 Jet Falcons. The Royal Norwegian Air Force currently operates its P-3s from Andoya Air Station. With the introduction of the P-8s, flight operations will move to new facilities at Evenes Air Station.

million non-cash reduction of the fair value of a contingent consideration liability related to the 2019 acquisition of Diagnosys Test Systems. The prior-year period reflected non-cash goodwill impairment charges of US\$12.6 million in the aerospace segment and restructuring-related severance charges of US\$4.9 million. Consolidated net loss was US\$8.1 million, compared with net loss of US\$23.6 million in the prior year. Consolidated adjusted EBITDA was US\$0.4 million, or 0.3% of consolidated sales, compared with adjusted EBITDA of US\$9.2 million, or 7.4% of consolidated sales, in the prior-year period.

Complete Aircraft Group acquires Aerocare Aviation Services

Complete Aircraft Group (CAG), a leading U.K. independent specialist provider of quality aviation solutions, including the supply of aircraft tooling, parts, and components to airlines worldwide, has announced the acquisition of established business aviation MRO Part 145

provider Aerocare Aviation Services Limited (AASL). The AASL team has been operating for over three decades, providing maintenance, repair, modifications, interior refurbishment, and exterior paint, all to OEM standards. Aerocare will retain its name under the new ownership. The acquisition propels Exeter-based CAG, founded in November 2020, firmly into the corporate aviation arena. Hawarden Airport / Chester-based AASL undertakes work on aircraft types including Hawker, King Air and the Embraer Phenom 300, for leading charter companies, as well as private owners. The combined businesses bring together 100 talented individuals under CAG CEO and Founder, Warren Crook. CAG supports global airlines, leading MROs, original equipment manufacturers (OEMs) and other aviation-related organizations to source and deliver reliable aviation solutions across the world. Utilizing its trusted and established vendor supply chain contacts, CAG customer benefit from cost savings and increased efficiency. The purchase of AASL marks a strategic investment for CAG, which recently bolstered its senior management with the addition of Alan Barnes,

FINANCIAL NEWS

a prolific, seasoned aerospace professional with 30 years' experience supporting MROs, including those owned and authorized by leading business aviation manufacturers.

MTU Aero Engines sells Vericor Power Systems

MTU Aero Engines AG has sold Vericor Power Systems. This marine and industrial gas turbine (IGT) OEM based in Alpharetta, Georgia, U.S.A., is being acquired by U.S. private equity company CSL Capital Management of Houston, Texas, which focuses on the energy sector. The agreement was signed in early June 2021 and the transaction was closed this month. Reiner Winkler, CEO of MTU Aero Engines AG, on the background: "Vericor sees growth opportunities in the oil and gas sector. We are pleased that our transaction partner CSL can offer Vericor good opportunities for development. By divesting Vericor, we are concentrating our OEM activities on our core business, aircraft engines, and driving forward technologies for sustainable and ultimately emissions-free aviation." The divestment will have no impact on MTU's revenue and earnings forecast for the 2021 fiscal year. CSL Capital is an investment firm focused on the energy services, energy equipment and energy technology sectors. Its global portfolio of companies includes venture, start-ups, and later-stage investments. Since its inception in 2008, CSL Capital Management has raised more than US\$1.9 billion in equity capital.

Chorus Aviation posts second-quarter 2021 financial results

Chorus Aviation has reported net income of CA\$21.5 million, a quarter-over-quarter decrease of CA\$7.6 million primarily due to the continued impact of COVID-19 on results related to off-lease aircraft, negotiated amendments to certain lease agreements including extensions, the 2021 CPA amendments, and lower unrealized foreign exchange gains of CA\$10.7 million. The company reported adjusted net income of CA\$11.4 million, a decrease of CA\$10.3 million quarter-over-quarter primarily due to the previously noted impact of COVID-19 on results and a reduction in earnings due to a lower US dollar foreign exchange rate. Chorus Aviation reported adjusted EBITDA of CA\$76.9 million, a decrease of CA\$14.2 million over second quarter 2020. The company reported liquidity of CA\$177.9 million and collected approximately 67.0% of the Regional Aircraft Leasing segment's lease revenue in the second quarter. (US\$1.00 = CA\$1.25 at time of publication.)

OTHER NEWS



Photo: Panasonic Avionics launches full cabin 4K IFE system with Cathay Pacific

Panasonic Avionics has launched the first full-cabin 4K ultra-high-definition in-flight entertainment (IFE) with **Cathay Pacific Airways** (Cathay Pacific). Its 4K screens are taking to the skies on the airline's new fleet of Airbus A321neo aircraft, incorporating on-demand services with one of the largest movie and TV libraries available on a regional single-aisle aircraft. The

rollout of Panasonic Avionics' screens will also include Bluetooth audio streaming, enabling Cathay Pacific's passengers to watch the latest Hollywood blockbusters in 4K using their own Bluetooth-enabled headphones. The new IFE experience will be featured in all cabins on Cathay Pacific's A321neo fleet. The airline's economy-class seats will feature 11.6-inch personal screens, while business class will feature 15.6-inch personal screens.

Siemens and **SITA** are providing the Kansas City Aviation Department with future-proof, scalable technologies for **Kansas City International (MCI)** Airport's new terminal project, dubbed Build KCI. The new one million ft², 39-gate terminal will include a variety of building automation, fire and life safety systems, and security systems from Siemens, as



Build KCI includes replacing Kansas City International Airport's aging three-terminal complex with a single, modern terminal
Photo: SITA

well as IT networks and next-generation airport systems from SITA. These solutions will help create a smart airport terminal that can grow with the aviation department's long-term needs, decrease operation and maintenance costs, and enhance the passenger experience through automation. Kansas City's Director of Aviation, Pat Klein, said: "Together, Siemens and SITA are providing the virtual and physical infrastructure that will ensure Kansas City International Airport's new terminal is equipped to deliver an exceptional journey for our passengers; one built on innovation, industry expertise, and a true understanding of what travelers want today and into the future." Also important to the project is the need for a seamless transition from the construction to the operation phase, delivered through integrated life safety and emergency communications systems, a virtualized IT network, and agile passenger touchpoints. In addition, the airport wanted to implement interactive technology that could be easily understood by airport staff, while also deploying next-generation passenger touchpoints such as touchless kiosks, flight information display systems, and video walls that provide a more intuitive journey through the new terminal.

OTHER NEWS

JetBlue, New York's Hometown Airline®, has announced plans to double down on its commitment to New York by maintaining its headquarters in the city and advancing plans to expand its flagship terminal at **John F. Kennedy International Airport** (JFK). These initiatives further strengthen JetBlue's presence in New York, where it has already announced plans to substantially increase flying and bring more low fares and more jobs to **JFK**, **LaGuardia**, and **Newark** as part of its Northeast Alliance with **American Airlines**. After an in-depth review and competitive bid process, JetBlue intends to keep its headquarters in New York City when its current office lease expires in 2023. The decision comes as the airline industry is recovering from the financial impact of the pandemic, which has also shifted how people will work in office environments in the future. JetBlue plans to stay at its current home in the Brewster Building at 27-01 Queens Plaza North in Long Island City, where the company has been based since 2012 and is home to its iconic rooftop sign. JetBlue intends to negotiate and execute a lease over the next few months and then re-design its office space to be responsive to rapidly evolving workplace trends that have accelerated during the pandemic.

Frontier Airlines has announced a policy for all direct employees to be fully vaccinated against COVID-19 by October 1, 2021. The latest

action comes as COVID-19 cases – specifically of the Delta variant – have rapidly increased throughout the U.S. “As we continue to watch the rapid increase of new COVID-19 cases across the United States caused by the Delta variant, I am concerned for the well-being of our team members, their families and friends,” said Barry Biffle, President and CEO, Frontier Airlines. “Safety is of the utmost importance at Frontier, and we need to take every step possible for us to keep our teams safe, protect the operation and protect our passengers. The time has come to do what we can to help put an end to COVID-19.” Frontier employees that choose not to or are unable to get vaccinated will be asked to provide proof of a negative COVID-19 test on a regular basis. Frontier recognizes the value its union leaders provide and invites them to work with airline leadership to establish testing protocols that work for employees, their health, and the overall safety of the workforce. Frontier has been at the forefront of health safety throughout the pandemic and implemented an employee mask requirement in April 2020, followed by a requirement that all passengers wear masks less than a month later. Additionally, in early 2020, the airline enhanced onboard cleaning utilizing fogging technology and added a health acknowledgement affirming customers understand COVID-19 protocols and have not been recently exposed to the virus or experienced known symptoms. A vaccination policy is a clear next step for the airline as it remains committed to the health and safety of all passengers and crew members.

Norse Atlantic Airways (Norse), a brand-new low-cost carrier has announced it plans to commence services in early 2022 and to be fully operational by the summer of that year. With a fleet of 15 Boeing 787 Dreamliners, the new airline will concentrate solely on low-cost transatlantic flights, filling the void created when **Norwegian Air Shuttle** (Norwegian) downsized its operations to concentrate on the market this side of the Atlantic. Norse is confident it can succeed where others, including Norwegian, have failed. “We will be the only low-cost long-haul airline across the Atlantic and that will be our position, we will do nothing but that,” the carrier's chief executive, Bjørn Tore Larsen said. The 15 Dreamliners leased by Norse were previously flown by Norwegian. Norse had hoped to commence operations by the end of this year, but the staggered increase in demand for air travel has forced the new carrier to adopt a cautious approach. “We don't want to start too early, there is no point flying around with empty aircraft. Having said that, we have a very solid cash position so we can afford to wait it out for a long period of time if that is required,” Larsen told journalists when unveiling the airline's logo which was inspired by Viking longships. Established in March by industry veterans, Norse will initially fly routes from London, Paris and Oslo to New York, Fort Lauderdale, and Los Angeles. Once up and running, Norse anticipates selling 10,000 tickets a day and tickets will go on sale approximately three months prior to the first flights. Bjørn Kjos, the former chief executive of Norwegian is also a shareholder in the new carrier.



Photo: Norse Atlantic Airways (Norse) to commence services in early 2022

INDUSTRY PEOPLE

• Titan Aviation Holdings, a subsidiary of Atlas Air Worldwide Holdings, has appointed **Eamonn Forbes** as Senior Vice President and Chief Commercial Officer of Titan Asset Management Ireland, effective August 23, 2021. Forbes will lead all sales and marketing activities for Titan and he will report directly to **Michael Steen**, President and Chief Executive Officer of Titan Aviation Holdings and Chief Commercial Officer of Atlas Air Worldwide. He will direct Titan's global sales team and will be based in Dublin, Ireland. Forbes joins Titan with over 15 years of aviation leasing, legal, and finance experience. Most recently, he served as Chief Commercial Officer of FPG Amentum while previously he held senior positions at SMBC Aviation Capital and Goshawk.

AviTRADER™
publications

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Canada V6X 3M1

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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	2214	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-112	Deucalion Aviation Limited	CFM56-5B6/3	3586	2008	Q1/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A319-131	Deucalion Aviation Limited	V2522-A5	2375	2005	Q1/2022	Sale / 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
A320-200	ORIX Aviation	CFM56-5B4/3	3831	2009	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	Deucalion Aviation Limited	V2527-A5	3734	2009	Q1/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-200	GA Telesis	CFM56-5B6/3	5393	2012	Now	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-200	GA Telesis	V2527-A5	2152	2004	Now	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-214	Deucalion Aviation Limited	CFM56-5B4/3	3767	2009	Q4/2021	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-230	Deucalion Aviation Limited	V2527-A5	4552	2010	Q4/2021	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
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
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Q3/2021	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
A321	Deucalion Aviation Limited	V2533-A5	7015	2015	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A321	Deucalion Aviation Limited	V2533-A5	7180	2015	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
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	Deucalion Aviation Limited	CF6-80E	814	2007	Q4/2021	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-200 (9x)	ALTAVAIR	Trent 772B-60/16	various	05 - 07	Now	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
A330-200	Doric	CF6-80E1A4/B	883	2007	Now	Sale	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-243	Willis Lease	Trent 772B-60	1293	2012	Now	Lease	Chris Giles	cgiles@willislease.com	
A330-300 (3x)	ALTAVAIR	Trent 772B-60/19	various	09-11	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
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-6	1146	2010	Q2/2022	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-300	Deucalion Aviation Limited	Trent 772B-60EP	1357	2012	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-300	Deucalion Aviation Limited	Trent 772B-60EP	1378	2013	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-343	Willis Lease	Trent 772B-60	1157	2010	Now	Lease	Chris Giles	cgiles@willislease.com	
B737-700	BBAM	CFM56-7B22	38125	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	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	Deucalion Aviation Limited	CFM56-7B26E	40880	2012	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	Deucalion Aviation Limited	CFM56-7B26	30294	2004	Q4/2021	Sale	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	Deucalion Aviation Limited	CFM56-7B	30659	2003	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B26E	38034	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	BBAM	CFM56-7B27E	40242	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039



Worldwide Aircraft Delivery and Flight Test Services

Engine Lease Finance



THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Jet Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
737-800SF	GA Telesis	CFM56-7B24	28616	2000	Dec 2021	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
B777-200ER	GA Telesis	Trent 895-17	34376	205	Q4/2021	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B777-200ER	GA Telesis	Trent 895-17	34377	2006	Q4/2021	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B777-200ER	GA Telesis	Trent 895-17	34378	2006	Q4/2021	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B777-200ER	GA Telesis	Trent 895-17	34379	2007	Q4/2021	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B777-300ER	BBAM	GE90-115B	41081	2012	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	BBAM	GE90-115B	37898	2012	Apr 2022	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 7899 892493
B777-300ER	ALTAVAIR	GE90-115B	39686	2013	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
B777-300ER	Doric	GE90-115BL2	36158	2009	Now	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	Deucalion Aviation Limited	GE90-115B	37705	2009	Q1/2022	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B787-8	Deucalion Aviation Limited	Trent 1000G	35304	2013	Now	Sale	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B787-8	Deucalion Aviation Limited	Trent 1000G	35305	2013	Now	Sale	Jonathan Louch	aircraft@deucalion.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-200F	Regional One	CF34-3B1	7452	2000	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200LR	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-700	Regional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
D0328 Jet	Regional One	PW306B	3185	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ170-100LR	Regional One	CF34-8E5	17000123	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007A1	145304	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007A1	145331	2000	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

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
(2) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 954-683-1893
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				
(1) CF34-8C	Now - Sale / Lease	Regional One	Elizabeth Giraldo	Egiraldo@Regionalone.com	+1 305-469-7253
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.				
(1) 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 7899 892493
(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
(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

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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				
(1) CFM56-5B2/P	Now - Lease				
(2) CFM56-7B26 (full QEC)	Now - Lease				
(1) CFM56-7B27	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-7B24/3	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				
(3) CFM56-5B4/3	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(2) CFM56-7B24/E	Now - Lease				
(2) CFM56-5C4	Now - Lease				
(1) CFM56-7B27/B3	Now - Lease				
(3) CFM56-5B4/P	Now - Lease				
(1) 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	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(multiple) CFM56-5B	Now - Sale / Lease	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1 469-628-3756
(multiple) CFM56-7B	Now - Sale / Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(2) CFM56-7B26/E	Now - Lease				
(1) CFM56-7B26/3	Now - Lease				
(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	Castlake	Stuart MacGregor	Stuart.macgregor@castlake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - Sale				
(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.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(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				
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 - 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
(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.				
(2) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(8) 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) PW123E	Now - Sale/Lease/Exch.	Regional One	Duane Butler	Dbutler@regionalone.com	+1 561-809-0001
(1) PW123B					
(1) PW127F					
(1) PW150A					
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 XWB-84k	Now - Lease				
(1) Trent772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(3) Trent 895-17	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
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.				
(1) V2533-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Sale/Lease/Exch.	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) V2527-A5	Now - Sale/Lease/Exch.				
(4) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) V2527-A5	Now - Lease				
(1) V2527-A5	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) V2527-A5	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaaviation.com	+1 786 785 0788
(1) V2527E-A5	Now - Lease				
(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	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(3) 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	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	Now - Sale / Exchange	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
Trent 892B-17 Modules					
(2) GTC331-200ER, (2) GTC331-9A,	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) GTC331-9B					
(1) A321 Enhanced Landing Gear 2020 OH					
(3) CFM56-3 Engine Stands	Now - Sale	KMS Aero	Sharon Brady	sharonbrady@kmsaero.com	+353419873030
(2x Otafilo 1x Frank Brown)					
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
(1) RE220, (1) APS3200, (1) GTC331-9A	Now - Sale / Lease	Magellan Aviation Group	Drew Megorden	drew.megorden@magellangroup.net	+1 704-340-0273
(1) GTC331-9B, (1) GTC331-500B	Now - Sale / Lease				
(1) GTC331-9B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
A320 Landing gear shipsets	Now - Sale	GA Telesis	Danielle Rodon	landinggearsales@gatelesis.com	+1 954 865 9314
(3) GTC331-350, (5) GTC331-9A	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(1) APS3200, (2) GTC331-9B					
(1) APS2300, (1) GTC331-200ER,	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 954-683-1893
(1) APS1000-C12					
GTC331-9A (2), GTC331-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTC331-200, GTC331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(5) GTC331-9A, (1) GTC331-200		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(2) GTC331-350, (2) GTC331-500, (1) APS3200B, (1) APS3200C					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com	+1-954-676-3111
(1) APU GTC131-9A	Now - Sale / Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
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