

Weekly Aviation Headline News

WORLD NEWS

Aerostar opens new MRO hangar in Romania

Aerostar has opened its new commercial aircraft MRO hangar at Iasi International Airport (IAS) in northeast Romania. During August 2020, the investment in the new hangar was completed as well as receipt of the necessary approvals from the airworthiness authorities for the management and execution of commercial aviation MRO activities for Airbus 320 and Boeing 737 aircraft families. The new 3-bay MRO hangar is part of the AEROSTAR's EASA Part-145 maintenance base and is a new work location for the company. The new hangar has an area of 8,400 sqm and will be the workplace for more than 100 engineers and technicians.

Alpha Aviation installs A320 flight simulation training device

Alpha Aviation Academy has successfully installed the cutting-edge A320 Flight Simulation Training Device (FSTD - Fixed Base) at the academy's state-of-the-art training centre located nearby Sharjah International Airport in the United Arab Emirates. The FSTD is equipped with both Classic CFM-ceo and the new CFM-neo LEAP® engine options. The simulator has an advanced RSI visual system that delivers razor-sharp images with vivid colours supported by 1920 x 1200 high-definition resolution of high-detail airports.

Southwest Airlines to add two new destinations

Southwest Airlines has announced plans to add two new destinations later this year by initiating service year-round to both Miami International Airport (MIA), and Palm Springs International Airport (PSP), subject to requisite government approvals. Chairman & CEO Gary Kelly said both destinations will bring new, relevant options for core customers.



There are signs of recovery in the air cargo sector.

Photo: Lufthansa Cargo

Cargo volumes in recovery

For fourth consecutive month in August

The gradual route to recovery to pre-COVID market conditions continued for the global air cargo industry in August for a fourth-consecutive month, according to fresh volume and yield data from two of the industry's leading analysts, CLIVE Data Services and TAC Index.

Year-on-year growth for the full four weeks of August showed a further narrowing of the gap in international air cargo volumes to -17% versus August 2019. This compares to a -41% YOY disparity in April, since then month-on-month demand has improved. Capacity gains, however, have added to the downward

pressure on both CLIVE's 'dynamic loadfactor' and average yields.

In August, the receding gap in the year-over-year decline between

Looking at traffic flows from China, CLIVE Data Services' analyses for August confirms that previous concerns of hardly any demand for capacity once the PPE peak subsided have not materialised. Volumes in the last week of August were 'just' 4% less than for this same week in 2019, "not great, but by no means a disaster," commented Managing Director, Niall van de Wouw.

He added: "Our August data shows the year-over-year decline in volumes is decreasing. The capacity crunch is still there but is becoming slightly less and, as a

"Our August data shows the year-over-year decline in volumes is decreasing."

CLIVE Data Services Managing Director, Niall van de Wouw

Continued on page 3



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...continued from page 1

result, load factors and yields are going down and becoming closer to pre-COVID levels, even though they are still elevated. Airline cargo departments have never been in control of their own destiny, and they are still not, but

they are in control of the present and short-term in deciding where to place their cargo capacity. Whereas cargo has often been regarded as the ‘freeloader’ of the airline industry because it has always been a by-

product of far greater passenger revenues, right now it is passengers who are the ‘freeloaders’ because cargo is the main source of revenue for many airlines and helping to get passenger flights back into the air.”

AIRCRAFT & ENGINE NEWS

Nordic Aviation Capital delivers one ATR 72-600 to Windrose Aviation Company

Nordic Aviation Capital (NAC) has confirmed the delivery of one ATR 72-600, MSN 1458, to Windrose Aviation Company, on lease. Ukrainian carrier Windrose Airlines is included in the IOSA airline registry and operates a fleet of five Airbus A321 aircraft, one Airbus A320 aircraft, three Embraer ERJ-145 EU / EP / LR aircraft and three Hawker aircraft. In April 2020, the Ukrainian carrier launched a domestic scheduled program, connecting the six largest cities of Ukraine – Kyiv, Kharkiv, Dnipro, Lviv, Odesa, and Mykolaiv with ATR72-600 aircraft. Windrose is currently operating three ATR72-600s on their domestic program.

Global Crossing Airlines signs for first Airbus A321 passenger aircraft

Global Crossing Airlines (GlobalX) has signed a letter of intent for its first A321-200 aircraft, under an operating lease with Magnetic Leasing. The aircraft, a 2005 year build previously operated by a major government-owned Asian airline, is expected

APOC Aviation acquires young A319 for teardown from Aircastle



APOC Aviation has acquired one Airbus A319 from Aircastle for teardown

Photo: APOC

Access to younger components that will align with commercial operators’ fleet requirements as air traffic restarts is the impetus behind APOC Aviation’s determined acquisition policy. To complement its recent purchases of other A320 family airframes for teardown, the company announced that it has closed a deal with leading lessor Aircastle for a 2008 vintage A319 (MSN 3450) that was returned from lease by Volaris in July. Access to flexible and immediate funding to take advantage of this prime asset purchase was swiftly secured through private placement. The aircraft is heading immediately for part-out at Marana in Arizona – the location for two earlier APOC teardowns (MSN 1758 and 1790) that are now complete. It is anticipated that the first serviceable parts, including landing gear but not engines, will be shipped back to APOC’s Rotterdam facility in Q4.



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AIRCRAFT & ENGINE NEWS

to be delivered to GlobalX in December 2020. Delivery will occur after signing of definitive lease documents and painting the Aircraft in GlobalX colors at IAC in Lake City, Florida. This aircraft was specifically selected by GlobalX to initiate its services to Cuba, subject to governmental approvals, and planned as the first aircraft that will eventually be converted to freighter configuration. GlobalX is currently negotiating the acquisition of additional A321 aircraft for conversion to freighters as part of its overall strategic plan to become a narrow-body A321 freighter operator. GlobalX continues the development of its A320 fleet plan and expects to announce the closing of additional aircraft under lease and purchase contracts in the next 15 days. GlobalX is a new entrant airline now in FAA certification using the Airbus A320 family aircraft. Subject to FAA and DOT approvals, GlobalX intends to fly as an ACMI and wet-lease charter airline serving the U.S., Caribbean and Latin American markets.

Lufthansa Cargo welcomes eighth Boeing 777F aircraft in Frankfurt



The first of two new Boeing 777F freighter aircraft arrived at Frankfurt Airport

Photo: LH Cargo

Lufthansa Cargo has welcomed its eighth brand-new Boeing 777F aircraft at Frankfurt Airport (FRA). The cargo aircraft with registration D-ALFH was in flight for 9 hours and 24 minutes after its take-off from Everett Airport (PAE) in Washington State, U.S.A. It is the eighth aircraft of this type in Lufthansa Cargo's freighter fleet. Lufthansa Cargo had announced the purchase of two brand-new cargo aircraft in November 2019. The second aircraft is expected in a few weeks. The new arrivals are part of a fleet modernization program that began in 2014 and will be completed next year. The twin-engine Boeing 777F is around 20% more efficient and emits less CO2 than the previously used three-engine MD-11F. The new model also meets the strict noise protection requirements of ICAO Annex 16, Volume I, Chapter 14.

Otto Aviation officially introduces Celera 500L aircraft

Otto Aviation has officially introduced the Celera 500L, its commercial passenger aircraft. The full-scale prototype has completed 31 successful test flights that validate its operating performance goals. Otto Aviation currently holds seven patents, further contributing to the credibility and potential of the aircraft. The aircraft has a maximum cruise speed of 450 miles per hour, a range of over 4,500 miles, a large stand-up cabin and an astounding fuel economy of only 18 to 25 miles per gallon. According to the company, the dramatic reduction in fuel consumption makes the Celera 500L the most environmentally friendly airplane in its class and presents a major leap forward in the effort to develop a zero-emission air transportation system. The Celera 500L utilizes extensive laminar flow over the fuselage, wings, and tail surfaces to reduce drag and achieve superior aerodynamics, speed, and fuel efficiency. The manufacturing detail delivers cruise efficiencies unmatched by conventional aircraft while offering a clean-sheet design that will completely alter the way people and parcels travel.



Celera 500L

Photo: Otto Aviation

“Innovation at its core is solving a problem without conventional bias. Our goal was to create a private aircraft that would allow for direct flights between any city pair in the U.S. at speeds and cost comparable to commercial air travel,” said William Otto Sr., Chairman and Chief Scientist of Otto Aviation. “In many cases, individuals and families will be able to charter the Celera 500L at prices comparable to commercial airfares, but with the added convenience of private aviation. We believe when the price of private air travel is competitive with commercial air travel, an enormous market opportunity will result.”

Nordic Aviation Capital delivers one new Embraer E175 to JSC Belavia-Belarusian Airlines

Nordic Aviation Capital (NAC) has delivered one new Embraer E175, MSN 17000852, to Belavia-Belarusian Airlines on lease. This is the final aircraft to deliver as part of a five-aircraft transaction which consisted of three E195s and two E175s. The placement of this aircraft will be the fifth Embraer E175 in Belavia-Belarusian Airlines aircraft fleet. Belavia is the largest air carrier of the Republic of Belarus. It is based at the National Airport in Minsk and carries out regular flights from there to 56 airports in 30 countries in Europe and Asia.



Belavia Embraer E175

Photo: AirTeamImages

Qatar renegotiates Airbus deliveries while negotiations with Boeing remain ongoing



Photo: Qatar Airways

Qatar Airways CEO Akbar al-Baker has confirmed that the flag-carrying Gulf airline has successfully postponed delivery of Airbus jets it has on order with the world's largest planemaker. The deal is yet another consequence of the downturn in demand for air travel owing to the COVID-19 pandemic. "We have the ability to bring forward the deliveries if there is a rebound in air travel," Qatar Airways CEO Akbar al-Baker said of the Airbus deal at the CAPA Australia Pacific Aviation Summit. However, he has failed to reach a similar agreement with America's Boeing. "As far as Boeing is concerned, we are still in negotiations with them, but regardless of what they feel an aircraft manufacturer needs to oblige customers in difficult times," he confirmed. "People who will not oblige and stand with us in this difficult time will not see us again." This latest agreement with Airbus comes on the back of comments made by al-Baker back in June when he advised that Qatar Airways would not take delivery of any Airbus or Boeing jets during 2020 and 2021, and that there would be a consequential knock-on effect as a result where future deliveries were concerned. Currently the airline has 27 27 A350-1000s and 50 A321neos on order with Airbus, and 60 777X planes, five 777 freighters and 23 787-9s from Boeing, according to the manufacturers' respective websites. Qatar Airways also had an order in place for 737 MAX jets for Air Italy, which it partly owned prior to its collapse. Mr. al-Baker confirmed that these planes were also part of the ongoing discussions he is having with Boeing.

Boeing woes mount as eight 787 Dreamliners grounded over structural defects creating risk of failure

Boeing has been forced to ground eight of its 787 Dreamliner jets after the discovery of two manufacturing flaws which could severely compromise the structural integrity of the aircraft. The problems in question relate to the composite barrel sections at the rear of the 787. These sections are melded together at the South Carolina Boeing plant, which has previously suffered lapses in quality, including the 2015 case where Boeing was fined US\$12 million. "We are taking the appropriate steps to resolve these issues and prevent them from happening again," Boeing said by email. The company said it has "fully briefed" the U.S. Federal Aviation Administration and is "conducting a thorough review into the root cause." The first issue affecting the grounded aircraft involves shims that are built to a robot's precise, laser-guided measurements to fill any gaps where the two barrels are joined to ensure that stresses are distributed as designed. Some of the gaps were improperly filled, according to Air Current, as reported by Bloomberg. The aircraft also were found to have roughness on the inner skin of the barrel wall. Combined, the two issues meant that the segments might not withstand the required structural loads, the Air Current said. This news is especially critical for Boeing after structural flaws with pickle forks on earlier-generation 737s have been discovered and the 787 Dreamliner has been a saving grace for the planemaker in terms of cash while the 737 MAX remains grounded. Carriers affected by this latest grounding of a Boeing jet include, but is not limited to Air Canada, United Air Holdings Inc., and Singapore Airlines Ltd. However, the effect on Boeing will be nowhere near as drastic if data analysis determines that any more of the current 977 in-service Dreamliners become grounded. The wide-body jet caters predominantly for long-haul flights, which are already severely restricted owing to the drop-off in international travel as a consequence of the COVID-19 pandemic.



Singapore Airlines is one of the affected carriers by the latest grounding of Boeing 787 Dreamliners
Photo: AirTeamImages

MRO & PRODUCTION NEWS

GATES receives approval from Argentinian and Egyptian aviation authorities to overhaul CFM56-5B/7B and CF6-80C2B engines

GA Telesis Engine Services (GATES) has received certification from the Administración Nacional de Aviación Civil in Argentina (ANAC) and the Egyptian Civil Aviation Authority (ECAA) to overhaul CFM56-5B/7B and CF6-80C2B engines. These approvals provide GATES with access to major MRO markets and will allow the company to develop and expand its customer base in both South America and Northern Africa. GATES has previously been approved by the Federal Aviation Authority (FAA), European Aviation Safety Agency (EASA), Transport Canada Civil Aviation (TCCA), the Civil Aviation Administration of China (CAAC), General Authority of Civil Aviation in Saudi Arabia (GACA) and Dirección General de Aeronáutica Civil in Mexico (DGAC).

Joramco and Ryanair continue maintenance agreement



Ryanair aircraft at Joramco hangar

Photo: Joramco

Joramco, the Amman-based MRO and the engineering arm of Dubai Aerospace Enterprise (DAE), is heading into the new season and starting maintenance on the new line of aircraft after successfully completing its first-time base-maintenance agreement with the Irish budget airline, Ryanair. The agreement covered Joramco's performance of heavy checks on the airline's Boeing 737 NG fleet. Ryanair booked two parallel lines at the Joramco facility during the winter season, initially set from November 2019 until June 2020. The new line of checks started on July 15, 2020 and will continue through March 2021, consisting of five Boeing 737 NG aircraft, followed by seven Airbus A320 aircraft.

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Frontier Airlines selects Airinmar for warranty and value engineering services

AAR subsidiary Airinmar has signed a new services agreement with low-fare carrier Frontier Airlines. Airinmar will provide a full suite of support services covering both aircraft warranty and value engineering. Warranty management services will cover the identification, claim and recovery of the multiple airframes, engine and component warranty entitlements provided by Airbus and its suppliers. Value engineering support will include cost oversight services to assure compliance with Frontier's contracted component repairs and minimize component flight-hour out-of-scope repair charges. The services will complement Frontier's current materials management activities and focus on maximizing the recovery of Frontier's warranty entitlements and reducing the cost of component repair.



Photo: Frontier Airlines

Satair takes lead on material management services for Airbus A220



Airbus Canada has officially transferred the overall A220 material management services offer to Satair
Photo: Satair

Satair, an Airbus services company, has taken the lead on global material support and services for A220 operators, working in close coordination with the A220 program team within Airbus Canada Limited Partnership. In July, Airbus Canada officially transferred the overall A220 material management services offer to Satair over the summer and as part of the integration of the program into Airbus. Overall, Satair will now be in charge of a wide range of value-adding activities including planning and inventory; purchasing; quality inspection; certification; warehousing and distribution; customer order handling; 24/7 AOG handling; initial provisioning and tool lease. Over time, Satair will also develop the areas of parts lease, repair and exchange for the A220. The customer order handling of the A220 program is now solely managed in the Satair-OEM parts and services channel with its global group of Satair companies. The A220 program headquarters are located in Mirabel, Canada, together with main customer services functions, such as engineering expertise and a 24/7/365 Customer Response Center.

Swissport agrees to comprehensive restructuring with creditors and shareholders



Photo: Swissport

Swissport has agreed to a comprehensive restructuring with creditors and shareholders including a debt-for-equity swap and a new €500 million long-term debt facility. The restructuring will deliver a significant deleveraging for the company. Swissport has also finalized the €300 million additional interim facility. Following the announcement on August 21, 2020 of an agreement ‘in principle’, Swissport has now entered into binding agreements on a comprehensive restructuring and refinancing (the Lock-Up Agreement) and on a €300 million super senior interim debt facility. “Today’s binding agreements secure Swissport’s long-term future. We are pleased that a consensual deal has been reached with a majority of our creditors and our current shareholder,” says Eric Born, Group President & CEO of Swissport International AG. “The restructuring, and the robust financial platform it brings, will enable us to confidently trade through the market recovery and positions Swissport as the first-choice partner for airlines around the globe.” Under the terms of the Lock-Up Agreement, Swissport will shortly be launching an M&A process to run in parallel with other

restructuring steps as customary in such situations. Absent any qualifying third-party bid, the senior secured creditors will own substantially all the equity of Swissport, with the seven institutions of the AHG (an ad hoc group of senior secured creditors) controlling more than 75%. The Lock-Up Agreement further provides for a conversion into equity of all existing super senior and senior secured debt, the extinguishment of all senior unsecured and all junior debt at corporate level, as well as the provision of a new €500 million four-year debt facility. The new €500 million facility will refinance the €300 million Interim Facility and will give Swissport the resources to invest into the business, drive operational improvements and to accelerate growth globally. The financial restructuring is expected to be completed in late 2020. (€1.00 = US\$1.18 at time of publication.)

Regional Express Group post full-year 2020 net loss of AU\$19.4 million

The Regional Express (Rex) Group has released its preliminary final report announcing a statutory loss after tax of AU\$19.4 million, on a turnover of AU\$321.8M for the financial year 2020 (FY20). Rex Executive Chairman Lim Kim Hai said, “The COVID-19 pandemic devastated almost every industry with aviation being hit the hardest. Even Rex, which had virtually no debt and strong cash flow in the past, was brought to its knees with passenger numbers plummeting 90% between March 15, 2020 and March 28, 2020. Passenger revenue declined by AU\$65 million in the last quarter of FY20. The Rex Group managed to post a small underlying profit before tax of AU\$250,000 but ended with a significant statutory loss before tax of AU\$27.4 million and loss after tax of AU\$19.4 million. This is because the Group has decided to book in a substantial AU\$62 million impairment in anticipation of difficult trading conditions in the next two years. The losses were reduced by grants provided by the Commonwealth to all regional carriers to assist with financial liquidity. Rex booked in AU\$62.1 million of such government grants and subsidies in FY20 which included the “JobKeeper subsidy.”



Regional Express ‘Rex’

Photo: AirTeamImages

Spirit Airlines announces proposed senior secured notes offering by newly formed brand and loyalty subsidiaries



Photo: Spirit Airlines

Spirit Airlines has reported that Spirit IP Cayman and Spirit Loyalty Cayman (the Issuers), each a newly formed Cayman Islands exempted company incorporated with limited liability and an indirect wholly-owned subsidiary of Spirit, intend to commence a private offering to eligible purchasers of US\$600 million in aggregate principal amount of senior secured notes due 2025 (the Notes), subject to market and other conditions. The Notes will be guaranteed by Spirit and certain subsidiaries of Spirit. The Notes will be secured by, among other things, a first priority lien on the core assets of Spirit’s loyalty programs (comprised of cash proceeds from its Free Spirit co-branded credit card programs, its US\$9 Fare Club program membership fees, and intellectual property utilized in connection with the loyalty programs) as well as Spirit’s brand intellectual property. The Issuers intend to lend the net proceeds from the offering of the Notes to Spirit, after depositing a portion of such proceeds in a reserve account. The final terms and amounts of the Notes are subject to market and other conditions and may be materially different than expectations. (\$1.00 = AU\$1.36 at time of publication.)

FINANCIAL NEWS

Qantas confirms AU\$500 million unsecured bond issue

The Qantas Group has confirmed a 10-year, AU\$500 million unsecured bond issue as part of ongoing management of its debt maturity profile. Once settled, the proceeds will strengthen short-term liquidity and then be used to pay AU\$400 million in bonds due to expire in June 2021. The coupon for the new bond, which was oversubscribed, is 5.25 per cent – significantly lower than the 7.5 per cent funding it replaces. The Group continues to have no financial covenants on any of its debt. Qantas is one of few airlines with continued access to long term, unsecured bond markets. Access to this and other funding sources in recent months – including secured debt and equity markets – during the COVID crisis reflects the national carrier’s strong overall position, the importance of aviation to its home market of Australia and its clear recovery plan. (\$1.00 = AU\$1.36 at time of publication.)

INFORMATION TECHNOLOGY

Argo MRT, having recently acquired FAO Services, the EASA Part 145-approved company, has appointed **FLYdocs** to support its end-of-lease (EOL) return services to be used in conjunction with Argo MRT teams globally. FLYdocs will be Argo MRT’s records platform of choice for all future projects. Through the services provided by FLYdocs, Argo MRT will benefit from more efficient aircraft transitions powered by FLYdocs Records Management Platform. Michael Pilbrow, Head of Powerplant at Argo MRT said: “This important partnership with FLYdocs will deliver a wide range of benefits, helping to enhance both the inspection and records review part of our business model. We selected FLYdocs because they have a spotless track record of managing and meeting end-of-lease requirements. Even under the current global pandemic, they have demonstrated their commitment to supporting clients adapt to challenging market conditions. This ethos supports our own as we are prioritizing efficiencies for our clients, so we are confident that this collaboration will yield significant savings in both cost and time for all stakeholders.”

MILITARY AND DEFENCE

Boeing delivers SOCOM’s first next-gen Chinook Helicopter



Boeing delivered the first next-generation MH-47G Block II Chinook to U.S. Army Special Operations *Photo: Boeing*

Boeing is delivering new technologies and performance improvements to U.S. Special Operations Command (SOCOM) with the Block II Chinook helicopter. Boeing’s Philadelphia team recently delivered the first MH-47G Block II Chinook to SOCOM on time. The company is on contract for 23 more MH-47G Block II Chinooks, having signed a contract with SOCOM in July.



Photo: Eurowings

Eurowings, the **Lufthansa Group’s** point-to-point airline has signed a new contract to use the **FLYdocs®** aircraft records management platform across its fleet of 100 aircraft. The five-year agreement will help the airline to modernize, automate and digitize its aircraft records. The FLYdocs® platform’s seamless integration with market-leading ERP systems AMOS will also help drive full digital aircraft compliance on-demand for the Eurowings team. Holger Beck, Managing Director at Eurowings Technik said: “We have accelerated our digital drive across all our operations, and the adoption of FLYdocs® is part of a smarter future at Eurowings. The digital transformation of our aircraft records will enhance our ability to adapt as well as generate major cost and efficiency savings. After working with the FLYdocs team on a number of different projects in the past, we are pleased to be on the next phase of our partnership.”



OAS AW139 helicopter

Photo: Rusada

OAS Helicopters, the Nigerian charter operator, has awarded **Rusada** a contract for the use and implementation of its MRO and Flight Operations software, ENVISION. Odengene Air Shuttle Services (OAS) has operated in the region since 1992. Headquartered in Lagos and operating out of Port Harcourt, OAS acquired a new AW139 helicopter for use in supporting oil and gas operations for the Nigeria National Petroleum Corporation. As well as signing up for several of ENVISION's key modules, OAS is also employing its Flight Operations Solution to help organize its flights and crew. This new deal further strengthens Rusada's footprint in Africa and will be supported by its MEA team, based in Dubai.

GE Aviation and **Cathay Pacific Group** have signed a five-year agreement to implement GE's Event Measurement System (EMS) for flight analytics and the FlightPulse® pilot app. The digital technologies will be deployed across various fleet types in Cathay Pacific Group in September as well as the pilot community later in 2020. The agreement includes Cathay Pacific, Cathay Dragon and Air Hong Kong. FlightPulse is a mobile app that uses aircraft data and advanced flight data analytics to enable pilots to securely access their own flying metrics and trends. FlightPulse can be used to optimize efficiency, reduce operational risk, and improve pilot awareness. GE Aviation's flight analytics service uses flight data generated by the aircraft and merges it with the airline's operational data. It applies proprietary data management and analytics technology to help Cathay Pacific better manage its aircraft operations and assets, providing previously unavailable insight into efficiency, flight safety, engineering and maintenance.



Photo: Cathay Pacific



Photo: Emirates flydubai

Emirates and **flydubai** customers can once again access a wider range of travel options around the world, connecting seamlessly and safely through Dubai. Following the progressive resumption of passenger flights to global destinations, the two Dubai-based airlines have revived their successful and strategic partnership to offer customers increased connectivity, convenience and travel flexibility. Emirates customers can now travel on codeshare flights to over 30 destinations on flydubai, while flydubai customers have over 70 destinations they can travel to on Emirates. Some of the favorite flydubai destinations for Emirates passengers include Belgrade, Bucharest, Kyiv, Sofia and Zanzibar.

Cambridge City Airport has invested in a new and improved Instrument Landing System (ILS) and colocated Distance Measuring Equipment (DME) to provide an enhanced precision approach that enables aircraft to approach the runway in darkness or in adverse weather conditions where visibility is limited. The airport has awarded the contract to Systems Interface (SIL), a U.K. specialist that will design, supply, install and commission an ILS system comprising localizer and antenna systems, glidepath and antenna systems and a low-power DME. “We want to ensure pilots have access to the latest navigational aids and a new ILS ensures we maintain the highest levels of safety for aircraft using Cambridge City Airport that we can,” said Airport Director, Kevan Craske. The complete system includes remote control and monitoring, and remote maintenance and monitoring. All civil works and project management will be provided by SIL.



Photo: Cambridge Airport invests in new landing system



Photo: Turkish Airlines

To cope with the financial devastation caused to airlines by the COVID-19 pandemic, Turkey’s President Recep Tayyip Erdogan has helped broker a deal between trade unions and **Turkish Airlines** pilots, together with additional workers, that will see wages cut for the coming year by up to 50%. The Hava-Is union represents approximately 75% of the 30,000 Turkish Airlines employees. In the second quarter of the year the flag-carrying airline posted a US\$303 million loss, with passenger numbers declining by 61%. Unlike most carriers, worldwide, Turkish Airlines has not looked to the government for a financial bailout or massive job cuts. The result of these

negotiations should see monthly cash burn drop 14% from a current US\$350 million according to analysts. Under the agreement, so-called “seniority payments” for all employees will be cut by 30%, while pilots will receive a 50% reduction in flight compensations. Cabin crew will see compensation cut by 35% and ground employees by 30%.

INFORMATION TECHNOLOGY

Collins Aerospace Systems is eliminating the need to physically touch kiosk screens during airport check-in and baggage drops. The company's new Kiosk Connect solution provides the first full, end-to-end, contactless airport journey — a high demand as passengers return to travel. By simply scanning a QR code with their mobile device, passengers can quickly connect to a common-use kiosk using either the airport's public Wi-Fi or the kiosk's built-in Wi-Fi, with no requirement to download any apps. From there, users complete the check-in process on their phones and produce boarding passes and bag tags without ever touching the kiosk screen. "When combined with our secure biometric solutions and self-service airport products, this new feature enables travelers to experience a contactless airport journey all the way from check-in to boarding," said LeAnn Ridgeway, Vice President and General Manager, Information Management Services for Collins Aerospace. "As we work to help the aviation industry rebuild passenger confidence in flying, it's incredibly important to us to provide solutions to improve safety and which are easy to use."

OTHER NEWS

ePlane has successfully launched a new way to source and pay for materials online. ePlane Fulfillment is a service in which ePlane can facilitate the purchase of an item for companies through a secured payment process anywhere in the world. From sourcing to payment, the ePlane Fulfillment gateway leverages intelligent technologies to pay and get paid. Earlier in January, ePlane received an investment of US\$9 million from Japanese trading and investment firm Marubeni Corporation and the current shareholders.

Ryanair has released its August traffic statistics. The Group transported 7.0 million passengers, a drop of 53% compared to the previous year. Ryanair operated approx. 60% of its normal August schedule with a 73% load factor.

Embraer has announced it is to shed approximately 900 jobs, approximately 4.5% of its current workforce in a restructuring move. The Brazilian planemaker is struggling to deal with the dual setbacks of the COVID-19 pandemic and Boeing's cancellation of its deal with the commercial aviation arm of the company. Deliveries of commercial jets have fallen by 75% compared to this time last year. Embraer confirmed in a statement that since the onset of the pandemic, there have

been three voluntary redundancy programs and redundancy has been accepted by around 1,600 employees. Embraer also said it had instigated other measures to protect, including collective vacations, reduced working hours and paid leave.

INDUSTRY PEOPLE



Angela Titzrath



Michael Kerkloh

- Within the stabilization package of the Economic Stabilisation Fund (WSF) of the Federal Republic of Germany for Deutsche Lufthansa AG, it has been agreed that the Federal Government may appoint two members to the Supervisory Board of the Company in its role as shareholder. This part of the agreement has now been completed with the appointment of **Angela Titzrath** and **Michael Kerkloh**,

who will soon be appointed as new members of the Supervisory Board by court order. As agreed, the Chairman of the Supervisory Board of Deutsche Lufthansa AG, **Karl-Ludwig Kley**, had the right to propose new members and the German government confirmed the nominations. In order to enable the appointment of two new members, the current Supervisory Board members **Monika Ribar** and **Martin Koehler** are resigning from their positions with immediate effect. Ribar has been a member of the Supervisory Board of Deutsche Lufthansa AG since 2014. Koehler is the longest-serving member of the Supervisory Board, which he joined in 2010. His term would have ended in 2023 without him being eligible for re-election.

- Stratos Aero has added three senior industry professionals to its team: **David Goring-Thomas** joins as Senior Advisor on various strategic initiatives, **Paul Goodfellow** as Head of Risk & Restructuring and **Jamie Carter** as Marketing Director. Goring-Thomas



David Goring-Thomas, Paul Goodfellow, Jamie Carter

has more than 30 years' experience in Aviation Finance, including over 20 years at DVB Bank, for the larger part as Global Head of Aviation. Goodfellow has over 12 years' experience in the aviation sector across banks, airlines and lessors: most recently, he held risk and restructuring roles covering repossession and debt/arrears management at AerCap and ALAFCO. Carter is an airline professional with over 30 years of experience with top-tier airlines in both Europe and Asia. Immediately prior to joining Stratos, he was Head of Aircraft Procurement and Trading at Cathay Pacific Airways.



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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	DVB Bank	CFM56-5B63	3586	2008	Q3/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-100	DVB Bank	V2522-A5	2375	2005	Q3/2020	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-100	ALTAVAIR	CFM 56-5B6/P		1999	Oct 2020	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A319-100	BBAM	CFM56-5B5/P	2129	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 415 486 6100
A319-100	BBAM	CFM56-5B5	2249	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	BBAM	CFM56-5B5/P	1362	2000	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	BBAM	CFM56-5B5/P	2251	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
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/P	2584	2005	Q1/2021	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	DVB Bank	V2527-A5	3734	2009	Q3/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-200	DVB Bank	V2527-A5	2164	2004	Q3/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-200	GA Telesis	V2527-A5	475	1994	Q4/2020	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-200	GA Telesis	V2527-A5	487	1994	Q4/2020	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-200	GA Telesis	V2527-A5	489	1994	Q4/2020	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-200	GA Telesis	V2527-A5	500	1994	Q4/2020	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-200	GA Telesis	V2527-A5	503	1994	Q4/2020	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-214	DVB Bank	CFM56-584/3	3767	2009	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-230	DVB Bank	V2527-A5	4552	2010	Q3/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-230	DVB Bank	V2527-A5	2395	2005	Q3/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-200	DVB Bank	CF6-80E	814	2007	Q4/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-200	GA Telesis	CF6-80E1A4	510	2002	Now	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A330-200 (2x)	ALTAVAIR	CF6-80E1A4B	various	2008	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A330-200 (16x)	ALTAVAIR	Trent 772-60/19	various	05-14	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A330-200	Presidio Aircraft Leasing	CF6-80E1A3	871	2007	Now	Dry / ACMI	Stephen Haire	shaire@aefinc.com	+1 312 772 1613
A330-200	Presidio Aircraft Leasing	CF6-80E1A3	472	2002	Now	ACMI	Stephen Haire	shaire@aefinc.com	+1 3127721613
A330-200	Presidio Aircraft Leasing	CF6-80E1A3	700	2005	Now	Dry / ACMI	Stephen Haire	shaire@aefinc.com	+1 3127721613
A330-223	Presidio Aircraft Leasing	PW4168A	970	2008	Now	Dry / ACMI	Stephen Haire	shaire@aefinc.com	+1 3127721613
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	Sep 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	Trent 772B-60	1609	2015	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	PW4168A	403	2003	Sep 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	DVB Bank	Trent 772B-6	1146	2010	Q4/2020	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-700	BBAM	CFM56-7B22	38125	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38126	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38127	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B20	32414	2002	Feb 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B20/3	35150	2009	Dec 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800	DVB Bank	CFM56-7B27	30654	2003	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26E	40880	2012	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	30294		Q4/2020	Sale	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B26E	38034	2012	Q4/2020	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ORIX Aviation	CFM56-7B26	34153	2005	Q1/2021	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ALTAVAIR	CFM56-7B26	27985	2000	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B737-800	ALTAVAIR	CFM56-7B26	28382	2000	Oct 2020	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B737-800	BBAM	CFM56-7B26	28595	1999	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800BCF	BBAM	CFM56-7B26	28608	1999	Aug 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800BCF	BBAM	CFM56-7B26	29052	2000	Oct 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800SF	GA Telesis		32903	2002	Q4/2020	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B737-900	BBAM	CFM56-7B26/3	34953	2007	Dec 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
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	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449



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THE AIRCRAFT AND ENGINE MARKETPLACE

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

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				
(2) CF34-10E6	Now - Lease	DASI	Joe Hutchings	joe.hutchings@dasi.com	+1 954-478-7195
(1) CF34-3B1 (dual release tag)	Now - Sale	FL Technics	Modestas Valiusevicius	m.valiusevicius@fltechnics.com	+370 6 54 96179
(3) CF34-10E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CF34-8E5A1	Now - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204x202
(1) CF34-8C5A1	Now - Lease				
(2) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80C2B7F	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
(1) CF6-80E1A3	Now - Sale / Lease				
(1) CF6-80E1A4B	Now - Sale / Lease				
(4) CF6-80E1A4B	Now - Sale/Lease/Exch.	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
(2) CF6-80E1	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(1) CF6-80E1A4B	Oct 2020 - Sale / Lease	Castl lake	Stuart MacGregor	Stuart.macgregor@castlake.com	+44 207 190 6138
(2) CF6-80E1A3	Now - Lease	Presidio Aircraft Leasing	Stephen Haire	shaire@aelfinc.com	+1 312 772 1613
(1) CF6-80C2B1F (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaaviation.com	+1 786 785 0787
(1) CF6-80C2B5F (with QEC)	Now - Lease				
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(2) CFM56-5B (all thrust levels)	Now - Sale / Lease	Contrail Aviation	Kevin Milligan	kevin@contrail.com	+1 949-933-0797
(2) CFM56-7B (all thrust levels)					
(1) CFM56-5C4	Now - Lease	Presidio Aircraft Leasing	Stephen Haire	shaire@aelfinc.com	+1 312 772 1613
(1) CFM56-5B4/P (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaaviation.com	+1 786 785 0787
(2) CFM56-7B26 (full QEC)	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-7B22 (with QEC)	Now - Lease				
(2) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P	Now - Lease				
(1) CFM56-7B224/E	Now - Lease				
(1) CFM56-5C	Now - Lease				
(1) CFM56-7B27/B3	Now - Lease				



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-5B3/3 PIP	Now - Lease	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(4) CFM56-7B26	Now - Sale / Lease	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
(2) CFM56-5B6/P	Now - Sale / Lease				
(2) CFM56-7B26	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(5) CFM56-5B5/P	Now - Sale / Lease				
(1) CFM56-5B	Now - Sale/Lease/Exch.	Gryphon Aviation Leasing	Peter Curbelo	peter@gryphonleasing.com	+1 786 468 6789
(2) CFM56-7B	Now - Sale/Lease/Exch.				
(2) CFM56-7B22	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbank.com	+44 207 256 4449
(2) CFM56-7B22	Now - Sale	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1 -214-988-6670
(2) CFM56-7B26/E	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) CFM56-5B2/P	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-5B4/P	Now - Sale / Lease				
(1) CFM56-7B22	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-5B4/P	Now - Sale / Lease				
(2) CFM56-7B26/27	Now - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(2) CFM56-5B6/P	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
JT8D and JT9D Engines	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-219	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GE90 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) GE90-115B	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) GE90-115BL1	Now - Sale/Lease/Exch.	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
(1) GE90-115BL (Propulsor)	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(1) 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
(2) PW4168A	Now - Lease	Presidio Aircraft Leasing	Stephen Haire	shaire@aelfinc.com	+1 312 772 1613
(1) PW4062-3	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaviation.com	+1 786 785 0787
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(3) PW121	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW123B/E	Now - Sale / Lease				
(3) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Now - Sale / Lease				
(1) PW123	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(3) PW150A	Now - Sale/Lease/Exch.				
(3) PW127M	Now - Sale/Lease/Exch.				
PW119B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	kebach@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				
(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.				
(1) PW124B	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
(2) PW127E/F	Now - Sale/Lease/Exch.		Remi Kryz	rkrys@logix.aero	+33.6.2079.1039
(4) PW127M	Now - Sale/Lease/Exch.				
(1) PW118	Now - Lease / Exchange				

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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW118A	Now - Lease / Exchange	Logix.Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
(1) PW119B	Now - Lease / Exchange		Remi Krysz	rkrysz@logix.aero	+33.6.2079.1039
(1) PW121	Now - Lease / Exchange				
(1) PW121A	Now - Lease / Exchange				
(1) PW125B	Now - Lease / Exchange				
(2) PW123	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610
RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-535E4	Sep 20 - Sale / Lease	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-556	Now - Sale/Lease/Exch.				
(1) Trent XWB-84k	Now - Lease				
(8) TRENT 772-60/16	Now - Sale / Lease	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
(1) Trent772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) Trent 892B-17	Now - Sale	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
(1) Trent 892B-17	Now - Sale / Exchange				
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) V2527-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(2) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2530-A5	Now - Lease				
(2) V2527-A5	Now - Lease				
(1) V2527E-A5 (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaviation.com	+1 786 785 0787
(1) V2527-A5	Now - Lease				
(2) V2522-A5	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(2) V2527-A5	Now - Lease				
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaviation.com	+1 786 785 0787
(2) V2527-A5	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204
(2) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2533-A5	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) V2527-A5	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
Aircraft and Engine Parts, Components and Misc. Equipment					
Description		Company	Contact	Email	Phone
(1) GTCP331-500B Trent 892B-17 Modules	Now - Sale / Exchange	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
Landing gear shipsets 737-800, 777, A320, A330, CRJ900	Now - Sale	GA Telesis	Danielle Rodon	landinggearsales@gatelesis.com	+1 954 865 9314
767-300ER 413K, 737-300 LANDING GEAR	Now - Sale/Lease/Exch.	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GTCP85-98DHF APU	Now - Sale/Lease/Exch.				
A320 Nose Landing Gear	Now - Sale/Lease/Exch.				
CFM56-3 LPT MODULE, REPAIRED	Now - Sale/Lease/Exch.				
CFM56-3 ENGINE STAND	Now - Lease				
(1) GTCP36-150RJ, (2) GTCP36-100M, (1) RE220RJ, (1) PW126 RGB, (1) PW901A (1) APS1000-C12, (1) APS1000-C3	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
GTCP131-9A (2), GTCP131-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
(1) PW901A APU	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)141 389 3014
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(1) APU T-62T-40C	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) GTCP131-9B	Now - Sale / Lease	DASI	Chris Glascock	Chris.Glascock@dasi.com	+1 954-801-3592
(2) GTCP131-9A, (1) GTCP131-9B, (1) GTCP331-200ER, (1) APS3200, (1) GTCP331-500		GA Telesis	John Wales	apu@gatelesis.com	+1-417-622-7215
Engine stands: CF6-80C2, CFM56-3, CFM56-5, CFM56-7, PW4000				stands@gatelesis.com	
GTCP131-9A, GTCP131-9B, GTCP331-350C	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
GTCP331-500B, GTCP331-200/250, APS5000			Rich Lewsley	rlewsley@logix.aero	+1 602 517 8210
APS3200, APS2300					
(1) APU GTC131-9A, (1) APU GTC131-9B Engine stands now available	Now - Sale / Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368

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