

# Weekly Aviation Headline News

## WORLD NEWS

### Air France extends business class to domestic routes

Air France has introduced a new business class on domestic routes on departure from Paris-Charles de Gaulle, Paris-Orly and the French regions, which will also be available on short-haul flights connecting the French regions to international destinations. With this move, business class customers with a connection on a long, medium or short-haul flight to or from the French regions will now have a seamless business class service at no extra cost throughout their trip.

### SAA completes first A350 operation to New York

South African Airways (SAA) has completed its first round trip between Johannesburg and New York on the newly delivered A350-900. "This inaugural flight was the first that we plan to introduce on our international routes in the near future. We are excited that our passengers will enjoy the A350s superior features such as a quieter cabin and relaxing in-flight experience including the all-new In-flight Entertainment (IFE), extra-legroom seats in economy class and lie-flat beds in business class," said Zuku Ramasia, SAA's Acting CEO.

### Amsterdam Schiphol sees drop in cargo volumes

Amsterdam Airport Schiphol's (AAS) total cargo volume for 2019 declined by nine per cent to 1.57 million tonnes compared to 2018, as reduced full freighter flights and a weaker global air cargo market affected the figures. The year-end results revealed that inbound cargo volumes declined 9.8 per cent to 791,613 tonnes and outbound cargo volumes decreased 7.2 per cent to 778,648 tonnes.



Africa will become a fast-growing aviation market.

Photo: Keith Mwanalushi

## AFRAA signs agreement with Routes

To drive growth in African aviation market

The African Airlines Association (AFRAA) and Routes have signed their first formal agreement. The Memorandum of Understanding (MoU) sees AFRAA, the trade Association for African airlines and Routes, the organiser of the leading route development events for the industry, work together to stimulate new air services and champion the African aviation industry.

Projections have indicated that, within the next 20 years, the

African continent will be one of the fastest-growing aviation markets - accounting for 334 million passengers by 2037. Under this partnership which demonstrates

media opportunities among other mutually beneficial actions.

"This MoU is beneficial to support the development of aviation in

Africa which is growing at above global average rates but accounts for less than 3% of global traffic. Strong partnerships among industry

stakeholders are instrumental to the realisation of African aviation's potential which will result in economic and social benefits for the continent," said Mr. Abdérhmane

**"African airlines must keep up with the developments through proper information management and data intelligence."**

*Abdérhmane Berthé, AFRAA Secretary General*

the growing importance of African aviation industry, AFRAA and Routes will work jointly on sharing of data and analytics, promotion of key issues that are affecting airlines and airports within Africa, access to

*Continued on page 3*

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Berthé, AFRAA Secretary General.

Berthé added: "Among our new strategic objectives is to become a hub for data intelligence and expertise on the African aviation Industry. African airlines must keep up with the developments through proper information management and data intelligence. We count on the data and analytics support from this partnership to back this objective."

Mr. Steven Small, brand director for Routes, said: "We are delighted to have established a formalised agreement with AFRAA, following many years of working closely together. The synergies in values between our organisations, regarding driving a sustainable air transport industry for the African region, makes this a powerful partnership that we are excited to develop."

Small added; "For over a decade, Routes has recognised the importance of enhancing intra-Africa connectivity. We are delighted that senior



Routes and AFRAA sign agreement

leaders from AFRAA will continue to support and join us at our future events."

## AIRCRAFT & ENGINE NEWS

### Aergo Capital reports successful fourth quarter

Aergo Capital has announced that during the fourth quarter of 2019 and the beginning of January 2020, the company has completed the sale of six aircraft and the acquisition of three aircraft. The dispositions included sales of one Airbus A330-200 and one Airbus A330-300 aircraft on lease to Qatar Airways, one Boeing 737-900ER aircraft on lease to Lion Air, one Airbus A320-200 aircraft on lease to Smartlynx, one A321-200 aircraft on lease to Air Transat and one Boeing 737-800 aircraft on lease to Sun Country. On the purchase side, Aergo has successfully completed the acquisition of two Airbus A321-200 aircraft on lease to Bamboo Airways and one Boeing 737-800 aircraft on lease to Lion Air. Aergo's fleet comprises of a mix of wide-body, narrow-body and turboprop aircraft with an average age of seven years and a weighted-average lease term remaining of over eight years. At present, Aergo owns and manages over 40 aircraft, diversified across 16 lessees in 14 countries.

### Airstream arranges lease of ATR42-500 aircraft to interCaribbean

Aircraft remarketing specialist Airstream International Group has arranged the lease of an ATR 42-500 aircraft on behalf of Gladiator Leasing Limited. The 2003-manufactured aircraft, serial number 621, was leased to interCaribbean Airways. Airstream continues to enjoy a close relationship with Gladiator

### Leonardo's Falco Xplorer drone completes first flight

Leonardo's new Falco Xplorer drone aircraft has performed its maiden flight. Falco Xplorer S/



Falco Xplorer maiden flight

Photo: Leonardo

N0001 took off from Trapani Air Force base on January 15, cruised over the Gulf of Trapani in a dedicated fly zone, for around 60 minutes and then returned to base, landing safely. The maiden flight is a significant milestone which has been achieved through technical and engineering support, at the test flight planning stages and with other related activities, by the Italian Air Force Test Flight Centre. The Remotely-Piloted Air System (RPAS), which combines endurance of over 24h with a maximum payload of 350kg, will now embark on a series of flight campaigns which will assess the aircraft's full range of capabilities, including its integrated sensor system. These campaigns will also certify the Falco Xplorer against NATO's airworthiness STANAG 4671, dramatically expanding the territory over which it can operate.



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## AIRCRAFT & ENGINE NEWS

Leasing Limited and Erste Bank, having remarketed a number of their aircraft, and is pleased to have arranged the acquisition of interCaribbean's first ATR42-500.

### GA Telesis purchases two A319 aircraft on Lease with Rossiya Airlines

GA Telesis (GAT) has completed the acquisition of two Airbus A319 aircraft, which are subject to multi-year leases with Rossiya Airlines. "For many years, Rossiya has been an outstanding airline partner for GA Telesis. Rossiya and GA Telesis have enjoyed a relationship between three GA Telesis divisions and we are very pleased to expand our relationship by leasing two A319 aircraft to such a great operator," commented Marc Cho, President of GA Telesis' Leasing Investment Financing & Trading (LIFT) Group. The transaction was executed by GA Telesis Aviation Investments 2 LLC (GAIN 2), an aviation investment vehicle managed by GA Telesis Capital Management and co-funded by GAT and Wafra Capital Partners.

### SkyWorks reports Leasing and Asset Management Group activities

SkyWorks Holdings has reported the following transactions and activities performed during the fourth-quarter 2019: SkyWorks was retained by Global Knafaim Leasing to sell two Airbus A320 aircraft and one A321 aircraft on lease to British Airways. On behalf of a U.S. investor, SkyWorks managed the lease return and arranged the sale of one Boeing 737-700

### China Aircraft Leasing Group signs agreement with Airbus for 40 additional A321neo aircraft



CALC orders additional 40 A321neo aircraft

Photo: Airbus

China Aircraft Leasing Group (CALC), a full value-chain aircraft solutions provider for global airlines, has reached an agreement with Airbus on its remaining backlog, and includes an additional order of 40 A321neo aircraft. It also includes a conversion of 15 of its existing A320neo backlog into A321neos. Together with a previous order for 11 A321neos, CALC's total order for the type rises to 66. CALC's order is an endorsement for the A321neo and reaffirms the market demand for the aircraft. To date, from CALC's total order for 252 A320 Family aircraft, 87 have been delivered of which one is an A321neo.

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## AIRCRAFT & ENGINE NEWS

aircraft, previously operated by Southwest Airlines, to United Airlines. On behalf of a U.S. investor, SkyWorks arranged the sale of five Airbus A320 aircraft, currently on lease to United Airlines. On behalf of Aviator Capital, SkyWorks arranged the sale of one Bombardier CRJ-900 aircraft on lease to Mesa Airlines and two GENx engines on lease to GE. On behalf of Philip Morris Capital Corporation, SkyWorks arranged the sale of four Airbus A319 aircraft currently on lease to American Airlines. On behalf of a U.S. investor, SkyWorks arranged the sale of two Boeing 737-400s to Safair. On behalf of its Sierra Echo Aircraft Leasing Limited vehicle, SkyWorks closed on the acquisition of one Boeing 787-8 aircraft on lease to Aeromexico and two Airbus A321-200 aircraft on lease to Aegean. The aircraft will be managed by SkyWorks Leasing (Ireland).

### SAS and Willis Lease execute Constant Access agreement covering the airline's Airbus A340 fleet

Willis Lease Finance has entered into a ConstantAccess™ agreement with Scandinavian Airlines System, whereby Willis Lease will guarantee availability of CFM56-5C engines to cover requirements due to both planned and unplanned removals of engines powering the airline's fleet of eight A340 aircraft. "Over the next 36 months, as we transition into our new fleet of latest-technology and most-fuel-efficient Airbus A350 aircraft, the Willis Lease ConstantAccess™ product will play a critical role providing SAS with a seamless and very efficient engine support transition service," said Niklas Hårdänge, Vice President of Fleet Management for SAS.

### GA Telesis acts as structuring agent for acquisition and financing of ten Boeing aircraft

GA Telesis (GAT) has acted as structuring agent for the successful acquisition and financing of ten Boeing aircraft for a major U.S. Airline. GAT, as structuring agent, negotiated the purchase and arranged the financing from a U.S. bank to fund the transaction. "This transaction was a great opportunity for our experienced team to identify, structure, and arrange a compelling aircraft acquisition for one of our valued airline clients," commented Marc Cho, President of GA Telesis' Leasing Investment Financing and Trading (LIFT) Group.

### Philippine Airlines leases two De Havilland Canada Dash 8-400 aircraft from TrueNoord



De Havilland Canada Dash 8-400 aircraft

Photo: TrueNoord

Specialist regional aircraft lessor, TrueNoord, is leasing two new Dash 8-400 aircraft to Philippine Airlines on long-term operating lease agreements. MSN 4610 has been delivered and MSN 4612 will join the fleet in February. These aircraft are the first Dash 8-400 aircraft manufactured by De Havilland Aircraft of Canada Limited to enter service in TrueNoord's portfolio and have been financed within the new US\$360 million warehouse facility which was announced last October and which is underwritten by Citibank, Société Générale and Royal Bank of Canada. The Dash 8-400 aircraft will enter PAL's commercial service in February and will be based at Clark International Airport, flying domestic routes throughout the Philippine archipelago of over 7,600 islands.

### United Kingdom MFTS orders four more H145s



MFTSH 145 Jupiter

Photo: Airbus/Crown

Airbus Helicopters in the U.K. is to provide four additional H145 helicopters as part of an expansion of the U.K. Military Flight Training System (UKMFTS). The new helicopters will join the existing fleet of 29 H135s and three H145s, known respectively as Juno and Jupiter in UKMFTS service. They will be delivered during 2020. Operated by Ascent Flight Training Management primarily from RAF Shawbury and also RAF Valley on behalf of the Ministry of Defence, the aircraft are used to train all U.K. military helicopter pilots and rear crew. Airbus Helicopters is fully embedded at both bases as the rotary wing aircraft service provider to Ascent.

# OPERATING LEASE & AVIATION FINANCE SEMINAR

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- ▶ What to do when things go wrong
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### NAC finalizes order for 20 A220 Family aircraft



A220-300 Nordic Aviation Capital

Photo: Airbus

Regional aircraft lessor Nordic Aviation Capital (NAC) signed a firm order for 20 A220 Family aircraft at the end of 2019. This latest order from NAC, counted in the 2019 order-book, is a huge endorsement and affirms the strong market demand for the state-of-the-art, fuel-efficient A220 Family. NAC is one of the largest lessors of regional aircraft, managing and owning 500 aircraft on lease to 78 airline customers in over 50 countries.

### Airstream arranges lease of ATR 42-500 aircraft to interCaribbean



ATR 42-500 aircraft

Photo: AirTeamImages

Aircraft remarketing specialist Airstream International Group has arranged the lease of an ATR 42-500 aircraft on behalf of Gladiator Leasing Limited. The 2003-manufactured aircraft, serial number 621, was leased to interCaribbean Airways. Airstream continues to enjoy a close relationship with Gladiator Leasing Limited and Erste Bank, having remarketed a number of their aircraft, and is pleased to have arranged the acquisition of interCaribbean's first ATR42-500.

## MRO & PRODUCTION NEWS

### Liebherr Aerospace Brasil signs contract with PTI Technologies

Liebherr Aerospace Brasil, Guaratinguetá (Brazil), has entered into a new partnership with PTI Technologies, based in Oxnard, California (USA) and has signed a contract to become the supplier of hydraulic manifolds for Embraer's latest aircraft. Liebherr Aerospace Brasil welcomed several PTI senior leaders to its facility in Guaratinguetá (Brazil) in the fall of 2019 for the celebration of the first strategic collaboration between the two companies. PTI will begin placing orders with Liebherr for three different kinds of manifolds to support the Embraer E2 during the first quarter of 2020.

### U.S. Federal Aviation Administration certifies update to Garmin G5000 avionics suite

Bombardier has released that the U.S. Federal Aviation Administration (FAA) has certified the latest update to the Garmin G5000 avionics suite aboard Learjet aircraft. The upgrade will be incorporated on new Learjet aircraft deliveries. In a few months' time, the new Garmin G5000 avionics suite will also be a standard feature on Bombardier's newest Learjet, the Learjet 75 Liberty, which is expected to enter service in mid-2020. A retrofit for in-service Learjet 70 and Learjet 75 aircraft will be available in early 2020.

### CDB Aviation and Atitech agree on business relationship

Full-service lessor CDB Aviation has agreed to work with MRO provider Atitech, located in Napoli Italy, in developing a mutually beneficial business relationship, that will begin with maintenance check work to be scheduled on two Airbus A330-300's at Atitech's MRO facility in Naples. CDB Aviation offers a wide array of valuable services to airlines, from traditional operating leases, to fleet renewals, to structured financings.

### CAVU Aerospace receives FAA approval for CAVU component repair in Mesa, Arizona

CAVU Aerospace has received its FAA Air Agency Certificate, SR6R638D, for its CAVU Component Repair station based in Mesa, Arizona. With this approval, CAVU Component Repair will have the capability to repair airframe components, accessories and landing gear in accordance with its operation specifications.

### Airbus expands European A321 production capacity to now include Toulouse facility



Airbus A321XLR

Photo: Airbus

With production of the wide-body A380 jet coming to a close in the near future and just five remaining aircraft due for delivery, Airbus has turned its attention to expanding production facilities for the increasingly popular A321 Family narrow-body jet. The European planemaker has revealed plans to convert its Toulouse A380 line into a 'digitally-enabled' production line for the more popular A321 range of aircraft. At the present moment Airbus produces A321s at both Hamburg, Germany and Mobile, Alabama, USA. The A320neo Family is the world's best-selling single aisle with over 7100 aircraft sold to over 110 customers. Within this Family, the A321XLR is the latest evolutionary step which has been developed to meet market needs for even more range and payload, creating more value for the airlines. From 2023, it will deliver an unprecedented Xtra Long Range of up to 4,700nm and a 30% lower fuel burn per seat compared with previous-generation competitor aircraft. By mid-2022 the current A380 Lagardère facility in Toulouse will accommodate a digitally-enabled A321 line as a step to modernize the A320 production system in Toulouse. The new facilities will provide more flexibility for A321 production, while keeping the overall single aisle industrial capacity in Toulouse flat. "We are enjoying an unprecedented high demand for our winning A320neo Family and especially its A321 Long Range (LR) and Xtra Long Range (XLR) derivatives," said Michael Schoellhorn, Airbus Chief Operating Officer. "In order to optimize the industrial flow, we have decided to increase our global A321 production capacity and flexibility as well as to establish a next-generation Final Assembly Line in Toulouse."

### Aventure acquires two CRJ200s for teardown

Aventure Aviation has acquired two Bombardier CRJ200 airframes (MSN 7344 and MSN 7397) for teardown from Beatech Power Systems. The dismantling is currently underway in Kingman, Arizona, USA. "This purchase continues Aventure's strategic support for our CRJ200



Aventure Aviation acquires two Bombardier CRJ200 airframes for teardown  
Photo: Aventure

customers," said Aventure Vice President, Talha Faruqi. "This workhorse aircraft continues to be a key part of the U.S. legacy airlines' network, as a substantial number of CRJ200 flights are still operated through their feeders," he added. All harvested parts will be inspected on-site and shipped to Aventure's main facilities in Peachtree City, Georgia, U.S.A., located near Atlanta's Hartsfield-Jackson International Airport.



## FINANCIAL NEWS

### DAE signs new US\$300 million four-year unsecured term loan

Dubai Aerospace Enterprise (DAE) has signed a US\$300 million four-year unsecured term loan with China Construction Bank (DIFC Branch) and China Construction Bank (Asia) Corporation Limited. The principal amount of the loan can be increased to US\$500 million. The loan will support the future financing needs of the business.

### StandardAero acquires TRS Global Services subsidiary, TRS Ireland

StandardAero has acquired TRS Global Services subsidiary, TRS Ireland, a highly specialized provider of component repair and manufacturing processes for a large range of industrial, aeroderivative and aircraft gas turbines. The acquisition will continue to expand StandardAero's Components, Helicopters & Accessories (CH&A) division and its worldwide portfolio of MRO and component repair services. TRS Ireland is a privately held company operating from Cork, Ireland, with nearly 70,000 ft<sup>2</sup> of MRO operations and more than 100 employees. The company has a large installed base of current customers that includes Siemens, GE, Rolls-Royce, MTU, Safran, ITC, Doncasters and many others. TRS Ireland has extensive experience as an OEM-approved specialty coating provider of engine component repair and MRO services on blades, vanes and other hot section components for both new engines and a rising number of mature engines and a variety of applications. The company has more than 180 OEM approvals/licenses and unique FAA and EASA certifications.

### United Airlines reaches 2020 adjusted earnings per share target ahead of schedule

United Airlines (UAL) has reached its 2020 goal — first announced in January 2018 — to achieve its adjusted diluted earnings per share (EPS) target of US\$11 to US\$13 a full year ahead of schedule. UAL has reported fourth-quarter net income of US\$641 million, up 50% versus the fourth quarter of 2018, pre-tax earnings of US\$844 million and pre-tax margin of 7.8%, expanding the pre-tax margin 2.5 points versus the fourth quarter of 2018. Fourth-quarter adjusted net income has reached US\$676 million, adjusted diluted EPS of US\$2.67, up 11% versus the fourth quarter of 2018, adjusted pre-tax earnings of US\$889 million and adjusted pre-tax margin of 8.2%, expanding the adjusted pre-tax margin 0.5

### Sabena Technics opens new maintenance hangar and confirms strategy



Grand opening of Sabena's new hangar in Bordeaux, France

Photo: Sabena

Sabena technics, a French independent player in the aeronautical maintenance and modifications (MRO) sector, opened its brand-new hangar in Bordeaux, France, on January 21. Confident in its model in the face of the increase in the European fleet, Sabena technics has decided to invest

€25 million (US\$27.75million) in the 10,000 m<sup>2</sup> facility, offering more capacity to its civil and military customers. "The rapid evolution of the markets in which we operate require constant adaptation of our capabilities and know-how. Aware of these developments, we decided to invest in order to offer our European customers more availability with this new hangar capable of accommodating, as part of maintenance or modifications, large aircraft types such as [the] A350-1000, B777-9X or up to six A320 aircraft simultaneously", says Philippe Rochet, CEO of Sabena technics. To support its growth, Sabena technics is also strengthening its recruitment strategy in order to welcome more than 250 new talents each year.

### SWISS concludes cabin refurbishment on Airbus A340 fleet



SWISS A340 Business Class

Photo: SWISS

Swiss International Air Lines (SWISS) has concluded the cabin refurbishment program for its Airbus A340 aircraft fleet. All five fleet members have now been provided with a totally new cabin and a new inflight entertainment system. As a result, SWISS now offers its passengers internet connectivity on board throughout its long-haul fleet. The airline has newly equipped the cabins of its five Airbus A340 aircraft with First, Business and Economy Class seats, which already feature on its Boeing 777s, together with a new inflight entertainment system. "With the completion of our Airbus A340 cabin refurbishment program we are further underlining our quality commitment, and now offer all our customers the same premium air travel experience, including inflight internet connectivity, on all our long-haul flights," says SWISS Chief Commercial Officer Tamur Goudarzi Pour. SWISS operates its Airbus A340s on services between Zurich and Boston, Johannesburg and Shanghai. The A340 will also be deployed on SWISS' new Zurich-Osaka (Japan) route, starting March 1.

## FINANCIAL NEWS

points versus the fourth quarter of 2018. The airline has reported full-year net income of US\$3.0 billion, a diluted EPS of US\$11.58, up 51% versus full year 2018, pre-tax earnings of US\$3.9 billion and a pre-tax margin of 9.0%, plus an expanding pre-tax margin 2.6 points versus full-year 2018. Full-year adjusted net income was US\$3.1 billion, adjusted diluted EPS of US\$12.05, up 32% versus full year 2018, adjusted pre-tax earnings of US\$4.1 billion and adjusted pre-tax margin of 9.4%, expanding adjusted pre-tax margin 1.7 points versus full-year 2018. Consolidated fourth-quarter passenger revenue per available seat mile (PRASM) increased 0.8% year-over-year.

### American Airlines Group reports fourth-quarter and full-year 2019 profit

American Airlines Group has reported its fourth-quarter and full-year 2019 financial results. The Group reported pre-tax earnings of US\$571 million in the fourth quarter of 2019, and pre-tax earnings excluding net special items of US\$679 million, a US\$90 million increase from the fourth quarter of 2018. Continued strength in passenger demand and a record passenger load factor drove a 3.4% year-over-year increase in fourth-quarter 2019 total revenue to US\$11.3 billion, driven by a 2.4% increase in passenger load factor. Passenger revenue per available seat mile (PRASM) grew 0.9% to 14.72 cents, a record for the fourth quarter. Cargo revenue was down 18.3% to US\$216 million due, primarily, to a 15.6% decline in cargo volume. Other revenue was up 5.4% to US\$750 million due, primarily, to higher loyalty revenue. Fourth-quarter total revenue per available seat mile (TRASM) increased by 0.5% compared to the fourth quarter of 2018 on a 2.9% increase in total available seat miles. Total fourth-quarter 2019 operating expenses were \$10.6 billion, up 2.1% year over year, driven primarily by higher salaries and benefits, maintenance, and regional expenses. Fourth-quarter 2019 earnings were US\$0.95 per diluted share. Excluding net special items earnings were US\$1.15 per diluted share, up 19% year over year. Full-year 2019 earnings were US\$3.79 per diluted share. Excluding net special items earnings were US\$4.90 per diluted share, up 8% year over year.

### BAE invests US\$2.2bn on two acquisitions to strengthen U.S. electronic systems foothold

BAE Systems plc (BAE), the British multinational defense, security and aerospace company, has announced that it is to make two major

## Southwest posts full-year net income of US\$2.3 billion



Photo: Southwest Airlines

Southwest Airlines' fourth-quarter 2019 total operating revenues increased 0.4%, year-over-year, to US\$5.7 billion, on 0.9% fewer available seat miles (ASMs, or capacity), year-over-year, due to the MAX groundings. Southwest has posted fourth-quarter 2019 net income of US\$514 million compared with fourth-quarter 2018 net income of US\$654 million. Fourth-quarter 2019 net income was reduced by a US\$124 million (pre-tax) profit-sharing award, or US\$97 million after-tax in light of Boeing compensation. The estimated operating income reductions from the MAX groundings for fourth quarter and annual 2019 were US\$313 million and US\$828 million, respectively. Annual 2019 net income was US\$2.3 billion, compared with annual 2018 net income of US\$2.5 billion and annual 2018 net income, excluding special items, of US\$2.4 billion. Annual 2019 net income was reduced by a US\$124 million (pre-tax) profit-sharing award in light of Boeing compensation.

## MILITARY AND DEFENCE

### Bell Boeing CMV-22B Osprey completes first flight



The maiden flight of the first CMV-22B Osprey

Photo: Boeing

The first CMV-22B Osprey, built by Boeing and Bell Textron, has completed first flight operations at Bell's Amarillo Assembly Center. The CMV-22B is the latest variant of the tiltrotor fleet, joining the MV-22 and CV-22 used by the U.S. Marine Corps and U.S. Air Force. The U.S. Navy will use the CMV-22B to replace the C-2A Greyhound for transporting personnel, mail, supplies and high-priority cargo from shore bases to aircraft carriers at sea. Bell Boeing designed the Navy variant specifically for carrier fleet operations by providing increased fuel capacity for the extended range requirement. The mission flexibility of the Osprey will increase operational capabilities and readiness, in addition to ferrying major components of the F-35 engine.



## FINANCIAL NEWS

purchases in the U.S. – the military Global Positioning System (GPS) business belonging to Collins Aerospace, and the Airborne Tactical Radios (ATR) business belonging to Raytheon. The opportunity to acquire two sector-appropriate businesses has come about through the antitrust requirements set out for the impending merger of Raytheon, and United Technologies Corporation which is the parent company of Collins Aerospace. Both acquisitions comprise asset transactions with tax benefits with BAE paying US\$1.925bn in cash for Collins Aerospace's GPS business which will have an expected tax benefit of US\$365m, and US\$275m in cash for Raytheon's ATR business, which will have an anticipated tax benefit of US\$50m. "As militaries around the world increasingly operate in contested environments, the industry-leading, battle-tested products of these two businesses will complement and extend our existing portfolio of solutions we offer our customers," said Jerry DeMuro, CEO of BAE Systems, Inc. "This unique opportunity to acquire critical radio and GPS capabilities strengthens our position as a leading provider of defense electronics and communications systems, and further supports our alignment with the modernization priorities of the U.S. military and its partners." According to BAE's announcement, these proposed acquisitions are subject to the successful closure of the Raytheon-UTC transaction, as well as the satisfaction of other customary closing conditions, including receipt of the required U.S. regulatory approvals. Upon closure, both business lines would be integrated into the company's Electronic Systems sector. "These are strong businesses with talented employees who share our focus on quality and technology innovation," said Tom Arseneault, President and COO of BAE Systems, Inc. "We are confident of a smooth transition that will accelerate our future together and look forward to welcoming these new employees to the BAE Systems team once the transactions are approved."

## INFORMATION TECHNOLOGY

**Dassault-owned ExecuJet MRO Services** is to roll out several software applications from **Ideagen** across its global operations to standardize a series of processes as it prepares for a three-year growth project. Q-Pulse, Q-Pulse Risk and Academy will handle processes associated with quality, safety, risk and training across ExecuJet MRO Services' global sites. Ideagen's software will play a central part in ExecuJet MRO Services' digital transformation program as it looks to grow the business following its recent acquisition by **Dassault Aviation**. Graeme



Photo: Farnborough Airport

For the full year 2019, **Farnborough Airport** saw a year-on-year increase in air traffic movements of 5.3%. For December 2019, the airport recorded an 11.6% increase in movements for the month, with initial forecasts indicating this positive trend is set to continue in 2020. Specifically, air traffic movements to and from the U.S. experienced significant growth during the year, with an increase of 15% year-on-year. In the same period, traffic to and from Europe saw a 6% increase. The airport has also introduced its new brand identity following the recent acquisition. The new brand both embodies the airport's philosophy to consistently offer a five-star service and reflects the award-winning architecture of the airport's facilities with its iconic shapes and curves.



Autonomous electric bus at Haneda International Airport

Photo: ANA

**All Nippon Airways (ANA)** will conduct trials for an autonomous electric bus in collaboration with **SB Drive Corp.**, **Advanced Smart Mobility** and **BYD** at Haneda International Airport (HND). The trial will begin on January 22 and last until January 31. The development of this autonomous electric

bus is the most recent example of ANA harnessing the latest technology to improve passenger convenience and comfort. ANA has selected a specific course for the trial, with the bus set to travel the same 1.9 km (1.18 miles) segment of restricted area at Haneda Airport multiple times throughout the testing period. During the test, the bus will be evaluated based on its ability to perform the conditional automation with little human oversight. Because safety is the top priority, ANA is holding the bus to the highest performance standards and the tests are specifically designed to replicate common, real-world scenarios. If testing proceeds as projected, ANA plans to implement the autonomous electric buses at Haneda International Airport by the end of this year.

## INFORMATION TECHNOLOGY

Duckworth, President of ExecuJet MRO Services and the company's remaining founder, said: "This is an exciting project and one that will play a significant part in our growth strategy for the foreseeable future."

## OTHER NEWS

**MTU Maintenance**, a global leader in customized solutions for aero engines, has opened an office in the heart of the aviation leasing community birthplace, Dublin, Ireland. Located in the Victorian quarter, the office is being run by leasing experts Eileen Guerin, Vice President Commercial Ireland and Des Clarke, Vice President Technical and Strategy Ireland, on behalf of **MTU Maintenance Lease Services B.V.**, the group's leasing arm headquartered in Amsterdam. They will be responsible for growing and intensifying MTU Maintenance's leasing and asset management activities in Ireland. "This move is a natural next step in our global yet local growth strategy and gives us immediate proximity to the well-established aviation and leasing scene in Dublin," says Martin Friis-Petersen, Senior Vice President MRO Programs, **MTU Aero Engines**. "This in turn enables us to efficiently and directly serve the community with the customized, lessor-oriented MRO solutions the industry requires as lease durations shorten, and the overall number of lease transitions increases."

**Air Canada** has said that it has now removed the Boeing 737 MAX from its operating schedule until June 30, 2020. The decision is based on operational considerations following an announcement by Boeing that it estimates the 737 MAX will remain grounded by regulators until mid-2020.

Three **American aerial firefighters** who had been contracted to assist with the raging Australian bushfires have been killed on Thursday, after their Lockheed C-130 Hercules being used in water bombing operations crashed on the Snowy Montaro area in the southern region of New South Wales. The aircraft had been leased from Coulson Aviation, a North American firm, as part of a seasonal lease arrangement with Australian authorities. Currently there are approximately 200 American firefighters who have been deployed in Australia since December. While there is no news yet on the cause of the crash, Rural Fire Service Commissioner Shane Fitzsimmons said "initial reports" indicated there was a "large fireball" when the plane crashed and that an Australian Transport Safety Bureau investigation is underway. He also said the experienced and "well known" crew had been contracted to Australia



Beijing Daxing International Airport

Photo: SWISS

**Swiss International Air Lines (SWISS)** is to switch its Zurich-Beijing services from the present **Beijing Capital International Airport (PEK)** to the new **Beijing Daxing International Airport (PKX)**. The change will be made during the start of the 2020 summer schedule at the end of March. The move will offer travelers more attractive timetables on the route. The eastbound service will leave Zurich late in the afternoon and arrive in Beijing just after 09:00 on the following day. The westbound flight will depart from Beijing at 11:00 and arrive in Zurich at 15:35 on the same day. SWISS serves Beijing daily in the summer and five-times weekly in the winter. The route is operated using Airbus A330 equipment.



Photo: Flughafen Wien AG / Roman Boensch

2019 was characterized by strong passenger growth for the **Flughafen Wien Group**, compared to 2018. 39.5 million travelers (+15.0%) were registered by the Flughafen Wien Group (Vienna Airport and the foreign strategic investments in Malta Airport and Kosice Airport). Vienna Airport itself handled a total of 31.7 million passengers (+17.1%), comprising a new all-time high. The growth curve will likely flatten out in 2020, but the outlook continues to be positive. The Flughafen Wien Group expects a 3-4% rise in passenger volume along with an increase in revenue, EBITDA and the net profit. The total number of passengers at Vienna Airport is anticipated to climb by 3-5% in 2020. The higher level of capacity utilization at Vienna Airport means that no further slots will be available in peak periods starting in 2020. Accordingly, only very restrained growth will be possible in the future.



## OTHER NEWS

to help fight the unprecedented bushfires this season. The death of these three firefighters brings the death toll from the bushfires to 28, of which seven have been firefighters.

## INDUSTRY PEOPLE



Charlotte Svensson

- SAS has released that **Charlotte Svensson** has been appointed as the new Executive Vice President and Chief Information Officer (CIO) as of February 1, 2020. Svensson will succeed **Mattias Forsberg** who announced in October last year that he is leaving SAS for a new position as CIO at Svenska Handelsbanken. Svensson has a broad background and experience with different industries. In her recent position as a part of PostNord's Group Leadership team, she was responsible for handling one of the largest transformations within the logistic industry, the mail business, as well as building a new, profitable digital revenue stream. Prior to joining PostNord, she was CIO and CDO at Bonnier News and CTO of Bonnier Group.



Laurence Petiard

- Laurence Petiard** has been appointed Head of External Communications for Airbus Helicopters, effective January 2020. In this new role, she will be in charge of coordinating Airbus Helicopters' media relations, web, and social media activities. Petiard has worked for the last five years in the Airbus Helicopters media relations department, where she was in charge of external communications for a variety of civil and military helicopter programs, while also acting as the main contact for French media, among others. She has been with the company since 2005 in various project management roles, including four and half years with the H160 program team.

- As Vice President in charge of Safran Aircraft Engines' Military Engines division, **Christophe Bruneau** will be responsible for military engine production and support,

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Christophe Bruneau

especially the M88 fighter engine, in export markets. He is also in charge of coordinating research and technology work on the engine that will power the new-generation fighter in Europe's Future Combat Air System (FCAS), within the scope of a partnership set up with MTU Aero Engines in 2019.



Michael Garcia

- Kellstrom Aerospace, a global aftermarket leader in aircraft lifecycle solutions, has announced the appointment of **Michael Garcia** to serve as Vice President of Commercial, effective January 16, 2020. As Vice President of Commercial, Garcia will oversee all product line-related activities and technical services, as well as trading and leasing of whole assets for Kellstrom. Kellstrom continues to grow its presence as a global after-market leader acquiring un-serviceable and serviceable assets to support its customers.

**AviTRADER™**  
publications

AviTrader Publications Corp.

Suite 305, South Tower  
5811 Cooney Road  
Richmond, BC  
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	DVB Bank	CFM56-5B63	3586	2008	Q3/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-100	BBAM	CFM56-5B5/P	2129	2004	May 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 415 486 6100
A320-200	ORIX Aviation	CFM56-5B4/P	2584	2005	Q1/2021	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	TrueAero Asset Management	V2527E-A5	5794		Nov 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	TrueAero Asset Management	V2527E-A5	5531		Oct 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	TrueAero Asset Management	V2527E-A5	5296		Aug 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	TrueAero Asset Management	V2527E-A5	5089		Jun 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	TrueAero Asset Management	V2527E-A5	5050		Apr 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	DVB Bank	V2527-A5	3734	2009	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
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	Q4/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-232	DVB Bank	V2527-A5	2156	2005	Q1/2020	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-200	DVB Bank	CF6-80E	814	2007	Q2/2020	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	Presidio Aircraft Leasing	CF6-80E1A3	871	2007	Now	Lease	Stephen Haire	shaire@aelfinc.com	+1 312 772 1613
A330-200	TrueAero Asset Management	CF6-80E1A4/B	882		Apr 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A330-200	TrueAero Asset Management	CF6-80E1A4/B	901		Apr 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A330-200	TrueAero Asset Management	CF6-80E1A4/B	932		May 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A330-223	Presidio Aircraft Leasing	PW4168A	970	2008	Now	Lease	Stephen Haire	shaire@aelfinc.com	+1 3127721613
A330-300	BBAM	Trent 772B-60	1544	2014	Jul 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 415 486 6100
A330-300	BBAM	Trent 772B-60	1562	2014	Sep 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 415 486 6100
A330-300	DVB Bank	Trent 772B-60	1485	2014	Q1/2020	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
737-700	BBAM	CFM56-7B22	34295	2005	Mar 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 415 486 6100
B737-700	Kellstrom Aerospace	CFM56-7B26	28210	1998	Now	Sale	Michael Garcia	info@kellstromaerospace.com	+1 (847) 233-5800
B737-800	ORIX Aviation	CFM56-7B26E	38034	2012	Q4/2020	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ORIX Aviation	CFM56-7B26	34153	2005	Q1/2021	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	Willis Lease				soon	Sale / Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
B757-223 (7x)	Jetran	RB211-535E4B	various	91/92	Now	Lease	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
(2) B787-800	Willis Lease	CFM56-7			soon	Sale / Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
B777-300ER	DVB Bank	GE90-115B	37705	2009	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449

## 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	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
CRJ-700	Regional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
D0328 Jet	Regional One	PW306B	3185	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
Do328-100	Jetran	PW119B	3049	1996	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
Do328-110	Jetran	PW119B	3024	1994	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
Do328-110	Jetran	PW119B	3034	1995	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
ERJ-170LR	AerFin	CF34-8E	1700155		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-170LR	AerFin	CF34-8E	1700124		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ170-100LR	Regional One	CF34-8E5	17000123	2006	Nov 2019	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164

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# THE AIRCRAFT AND ENGINE MARKETPLACE

## Regional Jet / Turboprop Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
ERJ-145LR	Regional One	AE3007A1	145304	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
ERJ-145LR	Regional One	AE3007A1	145331	2000	Now	Sale / Lease	Chris Furlan	cfurlan@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
<b>AE3007 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(3) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
(1) AE3007A1	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
<b>CF34 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
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	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
(1) CF34-3B1	Now - Sale / Lease				
(3) CF34-10E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CF34-8E5A1	Jan 2020 - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204x202
(1) CF34-8C5A1	Jan 2020 - Lease				
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CF34-10E7	Now - Lease				
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
<b>CF6 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) CF6-80C2B6F	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
(1) CF6-80C2B1F	Now - Sale / Lease				
(1) CF6-80C2B7F	Now - Sale / Lease				
(1) CF6-80E1A4	Now - Sale / Lease				
(1) CF6-80C2A8	Now - Sale / Lease	ULS Airlines Cargo	Cem AKIN	cem.akin@ulsairlines.com	+90 212 496 0202
(1) CF6-80C2A8	Feb 2020 - Sale / Lease				
(1) CF6-80C2B1F	Now - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
<b>CFM Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(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)					
(3) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CFM56-5B4/3	Now - Lease				
(1) CFM56-5B6/P	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-7B22/3	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	Now - Lease	Rolls-Royce & Partners Finance	Charlie Ferguson	charlie.ferguson@rolls-royce.com	+44-(0)7772224895
(2) CFM56-7B22	Now - Sale	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1 -214-988-6670
(1) CFM56-7B26/3	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B26/E	Now - Lease				
(1) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(2) CFM56-7B22	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
(2) CFM56-5B6	Now - Sale / Lease				
(2) CFM56-5B4/P	Now - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
(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				
<b>JT8D and JT9D Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) JT8D-219	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
<b>GE90 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) GE90-115B	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) GE90-115	Now - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
<b>GENx Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) GENx1B74/75 Propulsor	Jan 2020 - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
<b>LEAP Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(2) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) LEAP-1A33	Feb 2020 - Lease				
(1) LEAP-1A32	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) LEAP1A-32	Now - Lease	Rolls-Royce & Partners Finance	Charlie Ferguson	charlie.ferguson@rolls-royce.com	+44-(0)7772224895
<b>PW 4000 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) PW4056-1C	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
<b>PW Small Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(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				
(2) PW123	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(3) 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				
(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	rkryz@logix.aero	+33.6.2079.1039
(4) PW127M	Now - Sale/Lease/Exch.				
(1) PW118	Now - Lease / Exchange				
(1) PW118A	Now - Lease / Exchange				
(1) PW119B	Now - Lease / Exchange				
(1) PW121	Now - Lease / Exchange				
(1) PW121A	Now - Lease / Exchange				
(1) PW125B	Now - Lease / Exchange				
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610



# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commercial Engines (cont.)

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW120A	Now - Sale / Lease	Regional One	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
(1) PW120	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW123E	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(4) PW126	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW121	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(1) Trent 772B	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
(2) Trent 772B-60	Jul 2020 - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 415 486 6100
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) V2533-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
(2) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	Now - Lease				
(2) V2527-A5	Jan 2020 - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) V2527-A5	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
(1) V2533-A5	Now - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
(1) V2527-A5	Now - Lease				

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

Description		Company	Contact	Email	Phone
(1) A320-200 Landing Gear	Now - Sale/Lease/Exch.	TrueAero, LLC	Matt Parker	mparker@trueaero.com	+1 469-607-6110
A340-300/A330 Landing Gear	Now - Sale/Lease/Exch.				
A340-600 Landing Gear	Now - Sale/Lease/Exch.				
B777-200 Landing Gear	Now - Sale/Lease/Exch.				
Trent 552 Inlet Cowls & Fan Cowls	Now - Sale/Lease/Exch.				
Trent 892 Inlet Cowls and Fan Cowls	Now - Sale/Lease/Exch.				
CFM56-5B Inlet Cowls and Fan Cowls	Now - Sale/Lease/Exch.				
V2500-A5 Inlet Cowls & Fan Cowls	Now - Sale/Lease/Exch.				
CF6-80E Trust Reversers, Inlets & Fan Cowls	Now - Sale/Lease/Exch.				
APUs (2) APS2300	Now - Sale/Lease/Exch.				
APUs (2) GTC331-500B, (1) APS3200	Now - Sale/Lease/Exch.				
Neutral CFM56-7B QEC Kit	Q4/2019 - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
767-300ER 413K, 737-300 LANDING GEAR	Now - Sale/Lease/Exch.	AZURE RESOURCES INC.	Jeff Young	jeff@azures.com	1-954-249-7935
GTC331-500B 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) GTC331-150RJ, (2) GTC331-100M,	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) RE220RJ, (1) PW126 RGB, (1) PW901A					
(1) APS1000-C12, (1) APS1000-C3					
GTC331-9A (2), GTC331-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTC331-200, GTC331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
(1) PW901A APU	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)141 389 3014
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Q3+Q4/2019 - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(1) GTC331-9B	Now - Sale / Lease	DASI	Chris Glascock	Chris.Glascock@dasi.com	+1 954-801-3592
(multiple) APS2300, (1) GTC331-350C	Now - Sale / Lease	AirFin	Nick Filce	Nick.Filce@aerfin.com	+44 7770 618 791
(1) GTC331-300A, (1) GTC331-9A					
(4) GTC331-9A, (1) GTC331-9B, (1) GTC331-350		GA Telesis		apu@gatelesis.com	+1-954-676-3111
(1) GTC331-200ER, (3) GTC331-500, (1) APS3200					
GTC331-9A, GTC331-9B, GTC331-350C	Now - Sale/Lease/Exch.	Logix Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
GTC331-500B, GTC331-200/250, APS5000			Rich Lewsley	rlsley@logix.aero	+1 602 517 8210
APS3200, APS2300					
(1) APU GTC331-500, (1) APU GTC331-9B	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