

Weekly Aviation Headline News

WORLD NEWS

Singapore joins Etihad Cargo network

Etihad Cargo has launched scheduled freighter flights from its hub in Abu Dhabi to Singapore's Changi International Airport. The weekly flights will continue to Ho Chi Minh City, Vietnam, before returning to Abu Dhabi, reinforcing Etihad's commitment to serve key logistics hubs in the Asia Pacific region, and offer onward connections through its strategically located Abu Dhabi hub.

Pegasus expands its network with four new routes

Pegasus has said it will expand its expansive network with new flights from London Stansted and Manchester airports to Riyadh via Istanbul from 28th May 2019. Pegasus' international network of destinations will also include its third airport in The Netherlands with the addition of Eindhoven on 29 June 2019 and its first Moroccan route, with Casablanca on 8 July 2019. A direct flight between Trabzon (Turkey) and Amman (Jordan) will be launched on 28 May 2019.

Aer Lingus reveals new premium short haul service

Aer Lingus has announced the launch of AerSpace, a new premium travel experience for short haul guests, commencing 1st September 2019. AerSpace passengers flying to select destinations across the UK and Europe will be, as they airline says will be guaranteed an aisle or window seat on the first row of the aircraft with the middle seat left unoccupied for a roomier and more efficient travel experience.



There will be significant growth in the global freighter aircraft fleet.

Photo: Turkish Cargo

New freighter forecast

Shows ample fleet growth through to 2038

A new report released for the global freighter aircraft fleet, and projected significant growth in the global freighter aircraft fleet over the next 20 years.

"We predict long-term air cargo traffic growth to come in at just under 4% per year", said Cargo Facts Consulting (CFC) Managing Director Frederic Horst, adding that "this translates into the demand for over 3,300 aircraft from feeders to large jets".

Over the next twenty years CFC's Freighter Forecast projects the addition of 2,380 jet freighters and 421 feeder aircraft to cater for both

growth and retirements of older aircraft. Roughly half of these additions will replace aircraft retired from the fleet. During this period, the consultancy forecasts that the world's jet freighter fleet to grow from 1,782 to 2,920 units, and the

"There's not enough attention paid to the feeder side of the freighter market today."

Frederic Horst, Cargo Facts Consulting (CFC) Managing Director

world's feeder fleet to expand from 239 to 431 units.

Factory-built freighters are forecast to make up 34% of aircraft additions in the jet freighter segment, albeit with large differences across individual categories. CFC foresees

21% of new additions in the feeder segment will be satisfied by production freighters."

"Operating economics mean that, particularly in the large widebody segment, production freighter are king", notes Horst. "However, in the narrow-body segment we foresee that all freighters will continue to be converted passenger aircraft."

As such the availability of suitable passenger aircraft for conversion is a key factor in meeting the demand for new freighters. Because of the importance of this topic, this year's

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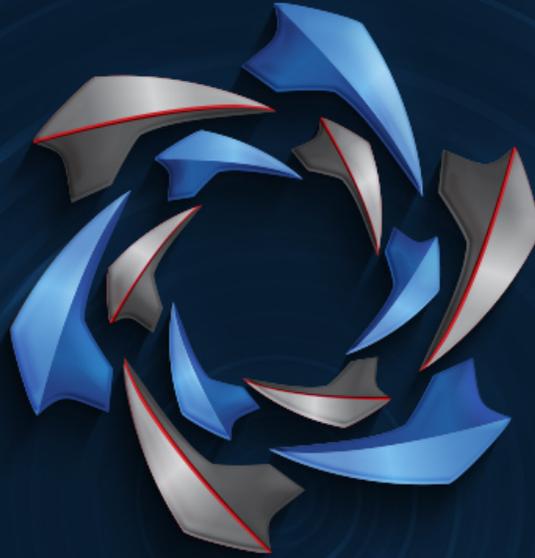
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Freighter Forecast contains a special section on passenger-to-freighter feedstock supply. A new add-on Feedstock analysis tool examines the potential feedstock supply for popular 21 different passenger aircraft types with active or potential conversion programs from ATR-42s through to 777-300ERs.

“The grounding of the 737 MAX fleet has created short- to medium-term disruptions in this sector and is delaying the transition from older generation to new generation narrowbody freighter aircraft”, explains Horst.

As in previous years, the report takes a detailed look at expected near-term and long-term developments in the turboprop/regional jet, narrowbody, medium and large widebody segments. The 2019 report has additional details on the turboprop/regional jet segment of the freighter market, where CFC projects notable growth.

“There’s not enough attention paid to the feeder side of the freighter market today,” Horst said. “We’re rightly changing that with the 2019 Forecast.”

AIRCRAFT & ENGINE NEWS

Embraer delivers 11 Commercial and 11 Executive Jets in first quarter

Embraer has delivered a total of 22 jets in the first quarter of 2019 (1Q19), of which 11 were commercial aircraft and 11 were executive jets (eight light and three large). As of March 31, the firm-order backlog totaled US\$16.0 billion. In the first-quarter 2019, Embraer delivered a first E175 jet to Mauritania Airlines, the first of this model to the African continent. The airline signed a firm order for two E175 jets in 2018. The contract has a value of USD\$93.8 million at current list prices. Embraer also signed a firm order for ten E195-E2 jets with Nigeria’s largest airline, Air Peace, which will become the first E-Jets E2 operator in Africa. The contract includes purchase rights for a further 20 E195-E2s. With all purchase rights being exercised, the contract has a value of US\$2.12 billion based on current list prices. This order will be included in Embraer’s 2Q19 backlog. The Phenom 300 reached the mark of the 500th aircraft delivered, becoming the only business jet model to reach this milestone in the last ten years. The aircraft is in operation in more than 30 countries and has accumulated more than 780,000 flight hours. This milestone followed the announcement of the first Phenom 300E and Praetor 600 business jet sales to Brazilian customers.

Fiji Airways opts for the A350 XWB as part of its expansion plans



Fiji Airways becomes A350 XWB operator

Photo: Airbus

Fiji Airways has adopted the Airbus A350 XWB as part of its expansion plans to broaden its international network. Two A350-900s will be leased from Dubai-based DAE Capital, making Fiji Airways the newest operator and DAE Capital the latest customer. With its common type rating with the A330 Family, the A350 XWB was the natural aircraft choice to seamlessly join the airline’s existing fleet of four A330s. The common rating between the A350 XWB and A330 means that pilots who are qualified and current on the A330 can already commence preparations to take the A350 XWB’s controls by undergoing “differences training” only, meaning significant cost savings and operational flexibility. The aircraft will be configured with 33 full lie-flat Business Class and 301 Economy Class seats. The aircraft will be deployed to enhance existing long-haul services between Fiji, Australia and the U.S., and to provide the opportunity to open additional routes.

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BOC Aviation delivers first of seven Boeing 787-9 aircraft to Air Europa



Air Europa receives first of seven Boeing 787-9 aircraft on lease from BOC Aviation

Photo: BOC

BOC Aviation has delivered to Air Europa the first of seven new Boeing 787-9 Dreamliners. These are part of a purchase-and-leaseback transaction. The remaining six aircraft – also Boeing 787-9 Dreamliners – are scheduled for delivery between now and the fourth quarter of 2020. All seven aircraft will be powered by Rolls-Royce Trent 1000 engines. “The aircraft we are delivering from today reflects the culmination of a transaction we first announced back in 2017 and exemplifies the depth of the partnership between ourselves and Air Europa,” said Robert Martin, Managing Director and Chief Executive Officer of BOC Aviation. “We are delighted to be delivering one of the most popular new-generation aircraft in operation today to support a key customer’s growth plans.”

RUAG delivers new Dornier 228 to Japanese operator New Central Airservice

Japanese operator New Central Airservice (NCA), together with its longstanding partner, Sojitz Aerospace Corporation (SOASCO), accepted delivery of their factory-new 19-passenger commuter aircraft during a ceremony at the RUAG MRO International facilities in Oberpfaffenhofen, Germany, on March 29, 2019. A RUAG Dornier 228 crew ferried the aircraft to Japan on the customer’s behalf, departing Oberpfaffenhofen, on April 15, and delivering it to the NCA and SOASCO facilities at Ryugasaki Airfield on April 27. This marks the fourth new production series Dornier 228 to be delivered to NCA since 2010. This brand-new



Ruag delivers one new Dornier 228 to NCA of Japan

Photo: RUAG

Dornier 228 aircraft features two newly introduced Dornier 228 solutions: ADS-B Out compliant avionics have been included in the glass cockpit configuration; and, the recently approved, enhanced cabin seating system has also been fitted. The aircraft also displays the operator’s distinctive livery, applied by the specialists at the aircraft painting shop located within the RUAG MRO International premises. NCA operates its Dornier 228 fleet in both passenger and cargo configurations, flying in demanding conditions. The Dornier 228 enables NCA to maintain its operations between the Japanese mainland and the remote Izu Islands, a flight plan it is entrusted with by its municipal government.

Airbus delivers first A321LR to Air Transat



Canadian carrier Air Transat takes delivery of first A321LR on lease from AirCap

Photo: Airbus

Air Transat, a Canadian leisure and holiday travel airline, has taken delivery of its first Airbus A321LR aircraft. The A321LR is one of 15 the Montreal-based carrier is scheduled to receive. Air Transat leases the A321LR from AirCap. The A321LR, with its unique Airbus Cabin Flex configuration allowing for installation of additional fuel tanks, will have a range of up to 4,000 nautical miles. Air Transat plans to use the A321LR for long-distance flights out of Canada, principally on more extended, thinner routes to European, Caribbean, Central and South American destinations.



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AIRCRAFT & ENGINE NEWS

Lufthansa Aviation Training selects Reiser Simulation and Training for delivery of helicopter simulator

In the course of upcoming investments in new training equipment for pilot training and further education, Lufthansa Aviation Training (LAT) is cooperating with the manufacturer Reiser Simulation and Training in the field of helicopter simulation. This company is specialized in the production of helicopter full-flight simulators of the type H145/H135 Level D. With the acquisition of its first own combo-helicopter-simulator, Lufthansa Aviation Training is expanding its training portfolio in this segment as a response to the high demand for training opportunities from Helicopter Emergency Medical Services (HEMS), such as DRF Luftrettung. The new FFS helicopter type H145/H135 will be put into operation at the largest training location of Lufthansa Aviation Training in Frankfurt in 2020, which has good accessibility for customers traveling from different directions for their training purposes.

APOC Aviation buys Boeing 737-700 airframes from Infinity Transportation

Innovative aircraft and engines leasing, trading and part-out specialist APOC Aviation has purchased two Boeing 737-700 airframes from previous owners Infinity Transportation. MSN34303 and MSN20752 were previously in a BBJ configuration operated by PrivateAir SA – as such, both aircraft accumulated low flight cycles compared to commercial usage. APOC will co-ordinate an efficient remote teardown program at two separate locations in Germany. All parts will be shipped back to APOC’s warehouse, close to Schiphol, in The Netherlands for evaluation and strategically selected for repair or overhaul. Capital for this acquisition was raised through APOC’s recent crowdfunding campaign and Jasper van den Boogaard, Director of Acquisition & Trading at APOC Aviation, says that the Company’s advanced approach to a broad spectrum of investor initiatives is generating many opportunities to expand the scope of the business. It is APOC Aviation’s development strategy to concentrate solely on the most liquid aircraft types, operated by the largest number of operators and maintained by the most MROs. The continued worldwide operation of the two most favored aircraft types is indicative of a long-term demand for the parts, not only in today’s market, but also when more B737-800s and A321s are converted to freighters.

First A330neo for Lion Air rolls out of Airbus’ paint shop



Lion Air’s first A330-900 rolls out of Airbus’ paint shop

Photo: Airbus

The first A330neo for Lion Air Group has rolled out of the Airbus paint shop in Toulouse, France, featuring the airline’s distinctive livery. The aircraft will be operated on lease from BOC Aviation. Altogether, Lion Air Group will acquire ten A330neo aircraft, eight of which will be leased from BOC Aviation. The aircraft will have a single-class layout seating 440 passengers and will be operated by Lion Air on selected domestic routes, as well as charter and pilgrimage service to Saudi Arabia. Some of the aircraft will be operated by Thai Lion on long-haul services from Thailand. The first aircraft will now continue its industrial process and proceed soon to ground and flight tests, before the delivery to the airline in the coming weeks.

Robinson delivers two more Cadets to University of North Dakota



Two more R44 Cadets for the University of North Dakota

Photo: Robinson Helicopter

Robinson Helicopter Company has delivered two R44 Cadets to the University of North Dakota (UND). The bright-green and yellow helicopters are the latest additions to the University’s growing fleet of Cadets. As with the two previously acquired Cadets, purchased in 2017 and 2018, the new Cadets will be used for training at UND’s helicopter division located at the Grand Forks, North Dakota campus. The acquisition attests to UND’s commitment to transitioning to an all-R44 helicopter training fleet. In 2018, thirty students in the helicopter division received ratings, ranging from private to CFI, and logged more than 1200 hours in Cadets.

AIRCRAFT & ENGINE NEWS

OSM Aviation orders 60 Bye Aerospace eFlyer2 all-electric training aircraft

Norway's OSM Aviation Group, partly owned by low-cost carrier Norwegian Air, has just placed an order for 60 all-electric eFlyer2 aircraft for pilot training purposes at its OSM Aviation Academy. The eFlyer2 is manufactured by Colorado, U.S.-based Bye Aerospace with a book price of approximately US\$350,000. The eFlyer2 will see the 20 currently used and predominantly Cessna 172 light aircraft phased out partly due to reduced running costs, as well as the reduction in environmental impact. Last year Norway announced that it would be looking to buy electric passenger planes and offer passenger flights by 2025 in a bid to combat climate change. The eFlyer2 offers zero emission and significantly lower noise pollution compared with conventional aircraft, along with enhanced speed and altitude performance. According to Reuters, the eFlyer2 has estimated running costs of approximately US\$20.00 per hour compared to that of US\$110.00 per hour for the current traditional training aircraft. Pilots who train with the eFlyer2 will receive the same training and license as existing trainee pilots. The 60 new aircraft will enable OSM to expand its training facilities to more countries, including the U.S.

MRO & PRODUCTION NEWS

StandardAero's Gonesse, France, facility renews PW100 and PT6A DOF licenses

StandardAero's engine MRO facility in Gonesse, France, is enjoying a strong start to 2019, with new capabilities and additional hires. Last month, the Gonesse facility, which is located mid-way between Le Bourget and Roissy Charles de Gaulle Airport in Paris, renewed its Pratt & Whitney Canada Designated Overhaul Facility (DOF) licenses for the PW100 and PT6A turboprop engine families, continuing its long association with these popular powerplants. The facility has a 33-year association supporting the PW100 engine, its predecessor company SECA having been the first independent PW100 shop to be appointed in 1986. Gonesse has approvals for 23 members of the PW100 family, including the PW127M variant powering the latest generation of ATR -600 turboprops, plus the PW127G engine which powers the Airbus C295 transport aircraft. Gonesse also has extensive approvals for the PT6A family, including the widely used PT6A-41/-42 models plus the Daher TBM 700's PT6A-64 powerplant and will

Bombardier sells five Learjet 75s aircraft to undisclosed customer



Photo: Bombardier Learjet 75

Bombardier has reported that an undisclosed customer has purchased five Learjet 75 aircraft. The transaction is valued at approximately US\$69 million dollars based on 2019 list prices. This latest announcement follows the landmark achievement Bombardier's fleet of Learjet aircraft set earlier in 2019, when the fleet surpassed the 25 million flight-hour mark, adding yet another accomplishment to a string of Learjet milestones and firsts. The first Learjet business aircraft entered service in 1964.

shortly be delivering its 1,500th PT6A engine. In addition to renewing its PT6A DOF license, the Gonesse facility has also been re-selected by Daher as the PT6A engine maintenance, repair and overhaul (MRO) services provider for TBM very-fast turboprop aircraft based in Europe. StandardAero was originally selected by Daher in 2016, this agreement including engine support for the fleet of TBM 700 aircraft operated by the French Ministry of Defence and managed by Daher under a Full Operational Support agreement. For 2019, the Gonesse facility plans to offer additional capabilities to its customers throughout the EMEA region with the introduction of a dedicated on-site service center capability and an expanded Mobile Repair Technician (MRT) team of field support reps.

TAM gets EASA Part 21 Design Organisation Approval

Täby Air Maintenance, TAM, has received EASA Part 21 Design Organisation Approval, DOA, giving the company the ability to offer enhanced technical services to airlines. Already having a corresponding Production Organisation Approval (POA) in place, TAM is now well suited to offer its customers a wide range of services, including rapid design and production of parts necessary for maintenance, repairs and modifications. "This is a vital step for us, as we now can offer a vast range of technical services, primarily to our current customers who operate a Saab 340/Saab 2000-fleet but also to operators of other aircraft, ranging from biz-jets to major airliners," says Pär Gulle, TAM Managing Director. "Our approvals

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cover the in-house design and manufacture of mechanical and structural parts for installation on aircraft, manufacture of metallic and non-metallic parts, allowing us to provide STC and minor design changes and repairs for large and small aircraft (CS23, CS-25, CS-27), related to installation of avionics equipment, electrical systems, structure, hydro mechanical systems, cabin interiors and OSD. – In addition, we now also have an approved Flight Test Organization,” Pär Gulle summarized the new offerings.

Air Hong Kong and HAECO ITM renew long-term contract

HAECO ITM, a member of the HAECO Group, has renewed its long-term contract with Air Hong Kong to provide inventory technical management support for the airline’s Airbus A300-600 freighter fleet. The contract extension covers component MRO, repair management, component pooling, component engineering, consumable and expendable parts support services, and AOG support. The extension will ensure HAECO ITM’s customized and cost-effective solutions continue to bolster AHK’s strong fleet performance. AHK currently has a fleet of ten Airbus A300-600F aircraft for its regional routes.

Air Niugini selects StandardAero for PW123 Pay-Per-Hour support

Air Niugini, the national airline of Papua New Guinea, has re-selected StandardAero to provide Pratt & Whitney Canada PW123 engine maintenance, repair and overhaul (MRO) services in support of the Dash 8 regional turboprops operated by its subsidiary Link PNG. This new pay-per-hour engine maintenance agreement succeeds a previous contract between the two companies, extending StandardAero’s partnership with Air Niugini and Link PNG. Air Niugini operates a large domestic and international network to Asia, Australia and the Pacific region. Since its establishment in 1973, the airline now operates a fleet of twenty jet airliners and six regional turboprops, carrying over 1.3 million passengers each year.

Delta CEO highlights long-term TechOps growth

Delta CEO Ed Bastian outlined the importance of the airline’s maintenance, repair and overhaul business to its long-term future at the annual MRO Americas conference in Atlanta. The business is expected to generate close to US\$1 billion in revenue this year, he said, and is on a path to

MTU Aero Engines establishes new repair facility in Serbia

MTU Aero Engines AG and the Government of the Republic of Serbia have signed a Memorandum of Understanding (MoU) with regard to the company’s intention to set up a new industrial site in Serbia. The Serbian government strongly supports this new venture, which will most likely be located in the Belgrade region. Due to ongoing negotiations, a decision regarding a specific location has not yet been made. MTU, a leading engine manufacturer and one of the world’s largest engine maintenance providers, plans to expand its current network with a dedicated parts repair facility. After a carefully considered selection process including sites across Europe, MTU decided in favour of Serbia as the home of this growth project. Maintenance, repair and overhaul (MRO) for commercial aircraft engines is a major driver behind MTU’s business success. An additional facility will provide flexibility and strengthen the company’s global competitiveness in this promising market segment. MTU performs around 1.9 million repair hours per year at its existing facilities. An additional facility is expected to add approximately 400,000 annual repair hours. The new site will be a 100 percent subsidiary of MTU and is expected to be operational over the course of 2022.



Signature ceremony between MTU Aero Engines and the Government of the Republic of Serbia
Photo: MTU

Ethad innovates its narrow-body fleet with Acro’s Series 6 seat



ACRO Series 6 Economy Class seat

Photo: Acro

Acro Aircraft Seating has been selected by Etihad Airways to supply its Series 6 Economy Class seat. The seats are to be retrofitted on twenty-three of the airline’s A320 and A321 aircraft and are expected to enter service in May 2019. Series 6 is Acro’s next-generation Economy Class seat which incorporates the company’s innovative Extra-spatial design. The fully composite seatback curve provides unparalleled levels of living space at the passenger’s knee level and enhances passenger comfort. Acro has been working closely with Etihad to develop a customized version of Series 6 that includes a PED holder, upper and lower literature pockets, fast charging USB provisioning, headrest, bespoke fabric seat covers and backrest cushions. Another unique seat design that will prove popular with passengers is a center seat that delivers more living space for passengers as it is an inch wider than the window and aisle seats. Etihad is progressively upgrading its narrow-body fleet of Airbus A320 and A321 aircraft with the Series 6 seats and plans to operate the aircraft on short-haul regional services, and further afield to gateways within five hours flying time of Abu Dhabi.

MRO & PRODUCTION NEWS

double that figure over the next five years. Bastian highlighted the investments Delta has made in TechOps, particularly the new engine shop and test cell which recently opened. "These are investments in Delta's future," he said, noting that the new state-of-the-art test cell is the first built in the U.S. in more than 20 years. He also stressed the importance of Delta's workforce development to ensure a steady pipeline of new Delta people in coming years. "We're going to be hiring 500 AMTs just this year," he said.

FINANCIAL NEWS

Air France KLM loss widens in first-quarter 2019

In the first-quarter 2019, the Air France-KLM Group posted an operating result of €-303 million, down €185 million compared to last year, which was impacted by the Air France strike by €-75 million. The unit revenue at constant currency of -2.2% compared to last year had a negative impact of €115 million on the operating result. The fuel bill, including hedging, amounted to €1,201 million for first-quarter 2019, up €140 million, of which €44 million is explained by an increase in the fuel price and a volume effect of €34 million for the capacity increase compared to last year. The result of the fuel hedges has been a gain of €35 million. Currencies had a positive €65 million impact on revenues and a negative €108 million on costs including currency hedging. The net impact of currencies thus amounted to a negative €43 million for first-quarter 2019. On a constant currency and fuel price basis, unit costs were down -0.4% in the first-quarter 2019, driven in particular by the decrease in customer compensations compared to first-quarter 2018 that was marked by the strikes at Air France. However, this was partly offset by KLM unit costs which were impacted by a 1.3% lower-than-planned capacity owing to weather and technical reasons. The Group generated positive adjusted operating free cash flow of €241 million, an increase of €99 million compared to last year, mainly explained by a lower capex in the first-quarter 2019 due to a year-over-year shift in investment timing pattern. (€1.00 = US\$1.12 at time of publication.)

PGGM Infrastructure Fund takes 25% interest in Macquarie AirFinance

Macquarie Group announced on Friday, May 3, 2019, that PGGM Infrastructure Fund (PGGM), a leading Dutch pension investor, will take a

Field Aviation sells two EFI-890R flight deck upgrades



Photo: Field Aviation EFI-890R

Field Aviation has sold two EFI-890R flight deck upgrades to an undisclosed U.S.-based customer for their Bombardier Dash 8 aircraft. This sale represents the first two upgrades in the operator's fleet, one being on a Bombardier Dash 8 Series 200 aircraft and the second on a Series 300. The timing of this sale aligns with the certification of FlightSafety International's Dash 8 flight simulator at its Toronto, Canada facility, which has been recently upgraded with Field Aviation's EFI-890R flight deck. This training device received Transport Canada certification on January 30, 2019 and is in the process of obtaining its FAA approval. Field Aviation is also in the process of completing the last of a three aircraft EFI-890R flight decks and ADS-B Out upgrades on the Swedish Coast Guard Dash 8 aircraft fleet at Skavsta airport in Nyköping, Sweden.

25% interest in Macquarie AirFinance. Macquarie AirFinance was established in 2006 and has evolved to become a leading and successful player in the aircraft operating lease industry, with a portfolio at March 2019 of 196 aircraft and 60 aircraft orders. The investment is PGGM's first in the aircraft leasing sector. PGGM has capacity to deploy additional capital to support the growth of Macquarie AirFinance. Macquarie's Head of Transportation Finance, Stephen Cook said: "We are delighted to have PGGM as a shareholder in Macquarie AirFinance. PGGM is a strong, long-term institutional investor and is an ideal partner for Macquarie to support our strategy for continued investment and growth in the aircraft operating lease sector. John Willingham will continue as Chief Executive Officer of the world-class Macquarie AirFinance team."

Air Canada reports improved first-quarter results

Air Canada has reported first-quarter 2019 EBITDA of CA\$583 million compared to first-quarter

2018 EBITDA of CA\$504 million. The airline reported first-quarter 2019 operating income of CA\$127 million compared to first-quarter 2018 operating income of CA\$86 million. Adjusted pre-tax income amounted to CA\$24 million in the first quarter of 2019 compared to an adjusted pre-tax loss of CA\$-32 million in the first quarter of 2018. On a GAAP basis, the airline reported net income of CA\$345 million in the first quarter of 2019 compared to a net loss of CA\$-203 million in the first quarter of 2018. (US\$1.00 = CA\$1.35 at time of publication.)

WestJet's net earnings up 33.4% in first-quarter 2019

WestJet has posted its first-quarter results for 2019, with net earnings of CA\$45.6 million, compared with net earnings of CA\$34.2 million reported in the first quarter of 2018, up 33.4%. Total revenue for the quarter improved 5.5% to CA\$1,257.7 million. Available seat miles and revenue passenger miles were each up 5.3% while the load factor was flat at 84.8%, compared to

FINANCIAL NEWS

the first quarter 2018. (US\$1.00 = CA\$1.35 at time of publication.)

Willis Lease Finance reports quarterly pre-tax profit of US\$27.8 million

Willis Lease Finance Corporation has reported pre-tax profit of US\$27.8 million and total revenues of US\$103.8 million in the first quarter of 2019. The Company's first-quarter 2019 pre-tax results were driven by continued revenue growth in the core leasing business, an increase in trading activity and continuing spare parts sales. Aggregate lease rent and maintenance reserve revenues were US\$73.7 million for the first quarter of 2019. Total revenue increased by 47.2% to \$103.8 million in the first quarter of 2019, compared to US\$70.5 million in the same quarter of 2018. Lease rent revenue achieved a record quarterly high of US\$48.4 million in the first quarter of 2019; 22.0% growth from US\$39.6 million in the same quarter of 2018. Quarterly Maintenance reserve revenue increased by US\$9.9 million, or 64.2%, to US\$25.4 million in the first quarter of 2019, compared to US\$15.4 million in the prior year period. Spare parts and equipment sales increased by 34.8% to US\$17.5 million in the first quarter of 2019, compared to US\$13.0 million in the same quarter of 2018.

Viva Air announces equity investment by Cartesian Capital Group



Photo: AirTeamImages, Viva Air

Viva Air Group has released that it archived an important milestone in its further growth and expansion plans through an equity investment of US\$ 50 million from Cartesian Capital Group into Viva Air. This innovative financing arrangement will support Viva's pending deliveries of Airbus A320 aircraft and the Group's continued growth in Colombia, Peru and beyond. Cartesian Capital Group, a global private equity firm, has sponsored the development of dozens of transnational companies, including airlines such as Gol in Brazil and Flybondi in Argentina. Irelandia Aviation will remain the majority shareholder after the investment.

Leonardo reports first-quarter results

Leonardo has released that at the end of the first quarter, new orders amounted to €2,518 million and showed, compared to the first three months of 2018 (€ 2,164 million), an increase

of 16.4%, mainly due to Defence Electronics & Security. Order Backlog amounted to €36,575 million, increasing 9.6% compared to €33,360 million in 2018 and ensuring a coverage in terms of equivalent production equal to about

three years. Revenues amounted to €2,725 million, an increase of 11.2% compared to the first quarter of 2018 (€2,451 million), mainly in relation to Defence Electronics & Security and, to a lesser extent, to Helicopters. EBITA, amounted



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to €163 million, an increase of 6.5% compared to €153 million in the first quarter of 2018; EBIT amounted to €156 million, showing an improvement of €35 million (+29%), compared to the first quarter of 2018 (€121 million), due to an improved EBITA and also to the decrease in restructuring costs and lower amortization of assets deriving from the business combination of Leonardo DRS. Net Result before extraordinary transactions amounted to €77 million, (€50 million in the first quarter of 2018) and benefited from both an improved operating result and from lower restructuring costs and lower amortization of assets deriving from Purchase Price Allocation, as well as financial expenses. (€1.00 = US\$1.13 at time of publication.)

ATSG reports strong first quarter 2019 results

Air Transport Services Group, a leading provider of medium wide-body aircraft leasing, contracted air transportation and related services, has reported consolidated financial results for the quarter ended March 31, 2019. Results as compared with the first quarter of 2018 include: Customer revenues were US\$348.2 million, up US\$145.1 million, or 71%.

Omni Air International, acquired in November 2018, contributed US\$135.8 million to external ATSG revenues, reflected in revenues of the ACMI Services segment. GAAP Earnings from Continuing Operations were US\$22.6 million, US\$7.0 million higher than the prior period. Adjusted Earnings from Continuing Operations (non-GAAP) increased 26% to US\$26.0 million. Adjusted EBITDA from Continuing Operations (non-GAAP) were US\$113.8 million, up US\$41.9 million, or 58%. Capital spending was US\$91.9 million, up 16%. Capital expenditures in the first quarter of 2019 included US\$70.5 million for the purchase of four Boeing 767 aircraft and for freighter modification costs.

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Delta Air Lines has released operating performance for April 2019. Total system traffic for the month improved 5.9% compared to the previous year, while system capacity was up 5.0%. The load factor for the month was 85.8%, up 0.7 points compared to April 2019.

In April 2019 **Finnair** carried 1.227.400 passengers, 14.8% more than in the corresponding period of 2018. The overall capacity increased in April by 19.6%. Finnair's traffic increased by 17.8% and the passenger load factor (PLF) de-

Fraport Group's new business year starts off successfully



Photo: Fraport

The Fraport Group has successfully started off the new business year, achieving higher revenue and earnings in the first three months of 2019. Supported by solid passenger growth at Frankfurt Airport and almost all of Fraport's airports worldwide, Group revenue rose by 17.9% to €803.8 million. Adjusted for revenue in connection with capital expenditure for expansion projects at Fraport's Group companies worldwide (according to IFRIC 12), revenue grew by 5.3% to €678.5 million. At Frankfurt Airport (FRA), traffic growth led to higher revenue, particularly from ground handling services, as well as security services and infrastructure charges. Moreover, the retail and parking businesses had a positive impact on revenue. In Fraport's international portfolio, major contributions came, in particular, from the Lima (Peru) and the Fraport USA Group companies. In the U.S. market, Fraport recently took over management of retail areas at New York-JFK's Terminal 5 (April 2018) and at Nashville International Airport (February 2019). The operating result or Group EBITDA (earnings before interest, taxes, depreciation and amortization) advanced by 14.8% to €200.6 million in the reporting period. This amount includes a €10.9 million positive effect, resulting from the application of IFRS 16 (effective January 1, 2019). The positive effect is offset by additional amortization and depreciation in the amount of €10.4 million and a €2.8 million increase in interest. Establishing new rules for the accounting of leases, the IFRS 16 standard specifically affects lease contracts between the Fraport USA Group company and respective concession lessors. Thus, Group EBIT climbed by 4.6% to €86.1 million. Supported by a better interest result, the financial result improved from minus €56.1 million in Q1 2018 to minus €49.6 million in the first quarter of 2019. Correspondingly, Group EBT soared by 39.3% to €36.5 million, while the Group result (net profit) jumped 42.9% to €28.0 million. (€1.00 = US\$1.13 at time of publication.)

creased year-on-year by 1.2% points to 81.4%.

Leonardo, CDP and **ELITE** have signed a memorandum of understanding (MoU) dedicated to supporting the growth of the companies that make up Leonardo's supply chain. The agreement – which is linked to the partnership announced by ELITE and Leonardo last February and which is part of Leonardo's LEAP2020 program – provides for the launch of a partnership aimed at fostering the growth of Leonardo's strategic suppliers, providing structured financial and non-financial tools and solutions to accelerate their growth and support their development plans. Leonardo, CDP and ELITE have

decided to pool their own strengths in order to support the manufacturers on their paths of growth and development by adopting a system approach. The aim of the agreement is to launch a concrete collaboration among the parties for the study, research and evaluation of possible solutions for the member companies of the "ELITE Leonardo Lounge", with the goal of improving their financial soundness and supporting their consolidation and dimensional growth process. Consistent with its role as the National Promotional Institution, CDP promotes Italy's development, responsibly using the country's savings to foster growth and employment by supporting company innovation and the com-

OTHER NEWS

petitiveness, infrastructures and the nation as a whole. With its new 2019-2021 Business Plan, CDP foresees the mobilization of 83 billion euros of its own resources in loans to companies over the three-year period, through an integrated offer focused on innovation, growth and international expansion. With the goal of reaching 60,000 enterprises over the period of the plan, this offer covers areas such as facilitated credit arrangements, interventions to support exports and internationalization, alternative financing instruments, support for access to credit for companies, and equity interventions. With this aim in mind, CDP has identified some of Italy's main strategic sectors that have a significant impact on the development of the country's competitiveness, launching specific initiatives – such as this agreement in the Aerospace and Defence field – intended to support companies in those sectors. ELITE is London Stock Exchange Group's international platform, launched in Borsa Italiana in 2012 in collaboration with Confindustria – with which it shares the goal of supporting the best Italian companies by increasingly exploiting synergies – and seeks to accelerate companies' growth through an innovative process of organizational and managerial development aiming at making already deserving enterprises even more competitive, more visible and more attractive to investors at global level. The international ELITE community currently has reached the number of 1,160 companies, of which more than 700 are Italian, with a total of 84 billion euros in revenues and 490,000 employees.

Inmarsat has received final approval from the **U.S. Federal Aviation Administration (FAA)** for its SB-S digital airline operations and safety platform. The FAA has validated the capability of Inmarsat SB-S to support air traffic services by providing direct datalink communication between pilots and Air Traffic Control (ATC). The letter of approval highlights the future potential of this 'first-of-its-kind' service, stating that SB-S technology "provides diversity and potential for advances of capability that will further maximize operational benefits and ensure safety". The endorsement follows a recommendation last year from the FAA's Performance Based Operations Aviation Rulemaking Committee (PARC). FAA approval follows an extensive live evaluation of SB-S by Hawaiian Airlines and United Airlines, which took place between June 2015 and July 2018 on approximately 25,000 flights and seven aircraft types. Inmarsat partners in the evaluation included Cobham Aerospace Communications, Collins Aerospace, SITAONAIR, ASG and L2. China's Shenzhen Airlines is also using SB-S and Inmarsat's digital airline operations platform has been selected by Airbus as a Light Cockpit Satcom (LCS) line fit solution on its A320 and A330 families.

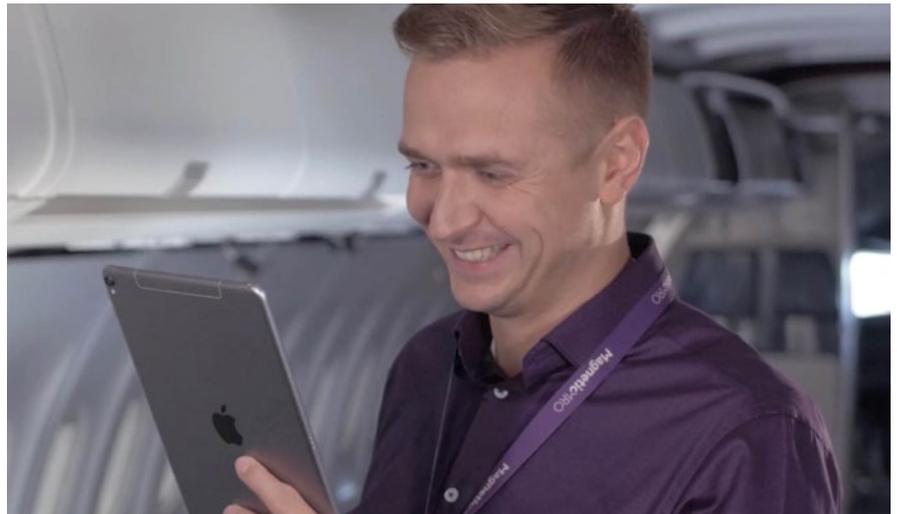
INFORMATION TECHNOLOGY



HAECO selects AMOS MRO software solution from Swiss-AS

Photo: HAECO

HAECO Group has selected AMOS as its preferred MRO software to be deployed in its Hong Kong operations. The main objective of this large-scale implementation project is to replace the current system – consisting of many point-to-point solutions – by a fully integrated end-to-end solution. **HAECO Hong Kong** will apply AMOS across its wide spectrum of services, including core airframe services and line services. HAECO Hong Kong starts the AMOS implementation while the framework agreement lays the foundation for implementing AMOS in other HAECO group companies. HAECO Hong Kong will rely on **Swiss-AS** AMOS Operation Service (AOS) – with Swiss-AS managing all the tasks related to the AMOS application server and database server administration – to ensure a smooth running of the system.



Magnetic MRO launches Interior Inspector application

Photo: Magnetic MRO

Magnetic MRO, a global provider of total technical care for aircraft operators and lessors, has launched Interior Inspector – a new service which connects airline workers and maintenance teams in logging any damage found in the passenger cabin of a commercial airliner. The company is constantly working on finding new ways to address challenges that impede the industry's growth and development. One such way has been logging, handing over and saving the data of damage which has occurred in aircraft interiors. The Interior Inspector is an application that allows either the cabin crew or dedicated mechanics to log what type of damage has been caused in the passenger cabin of commercial airliners. The application is intended to work on smartphones, tablets and regular PCs. According to Kruuv, the main idea was to keep the system simple, yet flexible, while getting to know the customer's requirements. "Our findings so far are mostly problems that could easily be solved during over-night stays, such as pen-stripes, worn placards, small stains or broken recliners." As the next step, Magnetic MRO will be introducing the application to the company's customers as a service to start collecting data on how Interior Inspector is used in commercial airlines. The collected data will help the developers to improve the application even further.

OTHER NEWS

Avion Express, one of the largest narrow-body ACMI operator, has launched the MPL Training Programme with its long-term partner **BAA Training**, one of the biggest independent aviation training centres in Europe. The competency-focused MPL Training Programme, that is set to begin in August 2019, is based on a multi-crew training that imitates the actual cockpit experience working at the airline. It will cover all stages of pilot training, as well as integrate Avion Express procedures from the very first days. Thus, after completing the comprehensive training, the newly qualified pilots will be fully submerged in the company's culture and ready to start flying right away. Other than training under the multi-pilot cockpit conditions, the new MPL Training Programme will bring concrete job prospects and security, beneficial both for pilots and the airline. "Launching the Programme will mean that the pilots will be ready to take the First Officer seat in Avion Express aircraft immediately after the course completion. The comprehensive skills that they will receive during the MPL Training Programme will bring the best efficiency to us as well as our clients," says Stasys. BAA Training is a long-term partner of Avion Express. As part of this partnership, BAA Training has been providing the full-flight simulators for the pilot training of Avion Express. Additionally, the two companies created an Ab-Initio Cadet Programme for people with no flying experience and Type Rating Training Programme. 2.5 million passengers travelled with SAS in March, an increase of some 70 000 compared to last year. Compared to March 2018, capacity and the number of passengers in scheduled traffic increased by 1.1% and 3.1%, respectively. The load factor for March was down by 2.8 points to 70.4% when compared to the previous year.

Panasonic Avionics Corporation (Panasonic) and **TAP Air Portugal** have signed an agreement to provide inflight entertainment and connectivity (IFEC) solutions for the carrier's new fleet of 14 A321neo LR aircraft. Panasonic's X Series inflight entertainment system, along with a suite of connectivity services, are being line-fit installed on the new aircraft. TAP Air Portugal passengers will be able to enjoy a personalized and immersive home theatre entertainment experience with HD screens and surround sound audio and video entertainment available on demand. The system also comes equipped with in-seat power USB charging facilities at every seat. All the new aircraft are being fitted with Panasonic's inflight Wi-Fi service, with a host of next-generation connectivity benefits including fast internet, all powered by its new satellite modem which offers bandwidth up to twenty times greater than previously available. The news follows the recent agreement between TAP Air Portugal and Panasonic to provide inflight entertainment and connectivity (IFEC)



Photo: Van der Torren

TrueNoord, the specialist regional aircraft lessor, has established a representative office in Singapore as the first step in broadening its global footprint in the Asia region with a view to establishing a more permanent presence going forward. Carst Lindeboom, Sales Director – Asia Pacific, will act as the chief representative of the new office based in Centennial Tower in the heart of the city. Lindeboom says "Asia is an important region for TrueNoord, it has a large active regional fleet and a positive future outlook. In addition to the existing fleet of E190s with **Mandarin Airlines** and **Air Astana**, TrueNoord has recently leased four new ATR 72-600 aircraft to **Wings Air Indonesia**, and five new ATR 72-600s to IndiGo as we continue to expand our presence in Asia Pacific." Home to half of the world's population and a vast growing middle class, Lindeboom adds that market predictions estimate demand for regional aviation in Asia will outgrow North America and Europe in the coming decades. "It is, however, a market where personal contact is very important and in order to be successful, we believe we need to have a firm presence here to better develop our contacts and understanding of the challenges faced by expanding regional operators. Our aim is to actively develop and broaden our portfolio of customers in the region."



Centre right, Russell Halley Air BP and Angela Hughes Chief Executive Wales Air Ambulance and team Photo: Air BP

Air BP, the international aviation fuel products and services supplier, will fuel air ambulance charities as it grows its portfolio of customers in the U.K. In April, Air BP celebrated six months with its most recent emergency services contract signing, the **Great Western Air Ambulance Charity (GWAAC)**. Air BP was selected as the new fuel supplier given its supply reliability capabilities that will enable the charity to respond to life-saving, medical emergencies. This latest customer complements Air BP's other air ambulance charity customers including **Wales Air Ambulance Charity (WAAC)** and **Yorkshire Air Ambulance (YAA)**. Since October 2018, Air BP has provided Jet A-1 fueling services for GWAAC's Airbus EC135 at its Almondsbury, South Gloucester base in the U.K. GWAAC provides critical care and an air ambulance service for 2.1 million people across Bristol, Bath, North and North East Somerset and Gloucestershire.

OTHER NEWS

solutions for the carrier's new fleet of A330-900neo aircraft. The carrier is the first airline to operate Airbus' next-generation A330-900neo, and will operate 21 of the aircraft.

INDUSTRY PEOPLE



Turhan Ozen

- **Turhan Ozen**, serving as Chief Cargo Officer at Turkish Airlines, has been elected to the International Air Cargo Association (TIACA) committee, the joint voice of the industry that aims to enhance the air cargo profile

with intensive efforts towards the global standards. Having a vast amount of knowledge about Balkan countries, the Middle East and Africa region, as well as the surrounding regions of Turkey, Ozen has been leading Turkish Cargo since 2016.



Thorsten Dirks

- The Supervisory Board of Deutsche Lufthansa AG has decided, ahead of schedule, to extend the contract with **Thorsten Dirks** by three years until April 30, 2023. Dirks will therefore be continuing as CEO

of Eurowings. Thorsten Dirks has been an Executive Board Member of Deutsche Lufthansa AG since May 1, 2017, where he is responsible for Eurowings. Under his leadership, Eurowings has significantly expanded its market position, among other things by integrating parts of Air Berlin. Today, Lufthansa's value brand is Europe's third-largest point-to-point airline.



Maria Della Posta

- Pratt & Whitney has appointed **Maria Della Posta** as president of Pratt & Whitney Canada, effective June 1 and reporting to Pratt & Whitney President **Bob Leduc**. Della Posta succeeds **John Saabas** as President, Pratt & Whitney

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Canada, who has announced his retirement. Della Posta joined Pratt & Whitney in 1985 and progressed through roles of increasing leadership in Supply Chain, Finance and Customer Service. She was named Vice President, Customer Support in 2001, Senior Vice President, Sales and Marketing in 2010 and Senior Vice President, Pratt & Whitney Canada in 2012.

- Aero Controls welcomes **Scott Cooper** as new Vice President, Sales & Marketing. In this role, he will be responsible for strategic initiatives driving total revenue generation through repair services, part distribution, aircraft teardowns, consignment, and engineering while reporting to Aero Controls CEO, **Michael Olesik**. Furthermore, Aero Controls has appointed **Xenia Aguinaldo** to Controller. In this role, she will be responsible for financial strategies to support the company's objectives and maintain the organizations strong financial health.

- Embraer S.A., the Brazilian plane maker, has announced the nomination of **Francisco Gomes Neto** to take over from Paulo Cesar de Souza e Silva in the position of President and CEO, which should become a formal appointment after the election process which will be held at the forthcoming General Shareholder's Meeting on April 22. Neto is currently the president of Marcopolo, the Brazilian bus and coach manufacturer.



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-200	Castlelake	CFM56-5B6/3	3560	2008	Now	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
A319-200	Castlelake	CFM56-5B6/3	3533	2008	Now	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
A320-200	ORIX Aviation	V2527-A5	3807	2007	Q1/2020	Lease	Matthew Gialopsos	Matthew.Gialopsos@orix.ie	+353 83 167 2233
A320-200	ORIX Aviation	V2527-A5	4603	2011	Q1/2020	Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	ORIX Aviation	CFM56-5B4/3	5213	2012	Q2/2020	Lease	Matthew Gialopsos	Matthew.Gialopsos@orix.ie	+353 83 167 2233
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	Castlelake	V2533-A5	1648	2001	Q4/2019	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
A320-232	DVB Bank	V2527-A5	2156	2004	Q4/2019	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
A320-232	DVB Bank	V2527-A5	2395	2005	Q1/2020	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
A321-200	Castlelake	V2533-A5	3274	2007	Q4/2019	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
A330-200	DVB Bank	CF6-80E	814	2007	Q2/2020	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
A330-200	Castlelake	CF6-80E1A4	473	2002	Q4/2019	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
A330-200	Castlelake	CF6-80E1A4	489	2003	Q4/2020	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
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
A330-300	DVB Bank	Trent 772B-60	1485	2014	Q1/2020	Sale / Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
B737-700	Kellstrom Aerospace	CFM56-7B26	28210	1998	Now	Sale	Michael Garcia	info@kellstromaerospace.com	+1 (847) 233-5800
B737-5H6	Bristol Associates	CFM56-3C1	26445	1992	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B737-800	DVB Bank	CFM56-7B27	28178	1999	Q4/2019	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B24E	40317	2012	Q4/2019	Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ORIX Aviation	CFM56-7B24	33641	2007	Q2/2020	Lease	Matthew Gialopsos	Matthew.Gialopsos@orix.ie	+353 83 167 2233
B737-800	Willis Lease				soon	Sale / Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
B757-200PCF	Wahoo Aviation	RB211-535E4B	22210	1984	Now	Sale	Tim Corley	tcorley@wahooaviation.com	+1 (360)870-9172
B747-400	Bristol Associates		28812	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B747-400	Bristol Associates		30023	2000	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-223 (7x)	Jetran	RB211-535E4B	various	91/92	Now	Lease	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
(2) B787-800					soon	Sale / Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775

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
Dash 8 Q400	DVB Bank	PW150A	4160	2007	Now	Sale	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
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	1700123		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-170LR	AerFin	CF34-8E	1700119		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

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Regional Jet / Turboprop Aircraft (cont.)

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ERJ-170LR	AerFin	CF34-8E	1700142		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-170LR	AerFin	CF34-8E	1700152		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-170LR	AerFin	CF34-8E	1700155		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
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

Commerical 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
(1) AE3007A1	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
CF34 Engines	Sale / Lease	Company	Contact	Email	Phone
CF34-10E5A1	Now - Lease	DASI	Ed Blyskal	ed.blyskal@dasi.com	+1 305-525-7308
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 - Lease				
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				
(2) CF34-10E7	Now - Sale/Lease/Exch.	Werner Aero	Cliff Topham	ctopham@wernerero.com	+1-703-402-7430
(multiple) CF34-8E5	Now - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 7930463293
(1) CF34-8E5A1	Now - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204x202
(1) CF34-8C5B1	Now - Lease				
(1) CFM34-8C5A1	Jun 2019 - Lease				
(1) 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
CF& Engines	Sale / Lease	Company	Contact	Email	Phone
(2) CF6-80C2A2	Now - Lease	Castlelake	Stuart MacGregor	stuart.macgregor@castlelake.com	+44 2071906138
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-7B26/3	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-5B3/P	Now - Lease				
(1) CFM56-7B26/E	Now - Lease				
(1) CFM56-3B1	Soon - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 415 516 4837



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical 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
(1) CFM56-7B20/2	Now - Sale / Exchange	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1 -214-988-6670
(1) CFM56-7B26/2					
(1) CFM56-5B	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@wernerero.com	+1-703-402-7430
(1) CFM56-7B	Now - Sale/Lease/Exch.				
(2) CFM56-7B26/27	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
JT8D and JT9D Engines	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-217C	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
(1) JT8D-219	Now - Sale / Lease	LCHAerospace	Carlos Miranda	cmiranda@lchaerospace.com	+1 954-644-9617
GENx Engines	Sale / Lease	Company	Contact	Email	Phone
(2) GENx1B74/75 Propulsor	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(2) LEAP-1B28	Soon - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(1) LEAP1A-32	Now - Lease	Rolls-Royce & Partners Finance	Charlie Ferguson	charlie.ferguson@rolls-royce.com	+44-(0)7772224895
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW121	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(2) PW123B/E	Now - Sale / Lease				
(1) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Now - Sale / Lease				
(2) PW121	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 415 516 4837
(2) PW123	Now - Sale/Lease/Exch.				
(1) PW127	Now - Sale/Lease/Exch.				
(2) PW127F	Now - Sale/Lease/Exch.				
(2) PW150A	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(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
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			Remi Kryz	rkryz@logix.aero	+33.6.2079.1039
(4) PW127M					
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610

THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

(1) PW4056-3	Now - Sale/Lease	Jet Midwest	Kevin Lee	engines@jetmidwest.com	+1-310-652-0296
RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-535	Now - Sale / Lease	Jet Midwest	Dave Williams	dave.williams@jetmidwest.com	+1-817-791-4930
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
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
(1) V2530-A5	Soon - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(1) V2533-A5	Now - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
(1) V2533-A5	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@wernerero.com	+1-703-402-7430

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) GTCP331-500B, (1) APS3200	Now - Sale/Lease/Exch.				
Neutral CFM56-5B Kit, PN 642K9001-211	Q4/2019 - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
Neutral CFM56-7B QEC Kit	Q3/2019 - Sale				
767-300ER 413K, 737-300 LANDING GEAR	Now - Sale/Lease/Exch.	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GTCP36-300A, 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,	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					
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
(1) GTCP131-9B	Now - Sale/Lease/Exchange	LongReach Aviation	Melanie Wood	info@longreach.com	+1-305-271-6650
(1) GTCP131-9B	Now - Sale / Lease	DASI	Chris Glascock	Chris.Glascock@dasi.com	+1 954-801-3592
(multiple) APS2300, (1) GTCP331-350C	Now - Sale / Lease	AirFin	Nick Filce	Nick.Filce@aerfin.com	+44 7770 618 791
(1) GTCP36-300A, (1) GTCP131-9A					
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,			Rich Lewsley	rlewsley@logix.aero	+1 602 517 8210
APS3200, APS2300, GTCP85-129H					
APU GTCP 331-500	Now - Sale / Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
Engine stands now available	Now - Lease				
ENGINE STANDS: Trent 800, PW4000 112"/V2500		National Aero Stands		support@stands.aero	+ 1 305-558-8973
/ CFM56/ PW2000 & Bootstrap kits					
GTCP131-9A, GTCP 131-9B	Now - Sale / Lease	Werner Aero Services	Julien Levy	jlevy@Wernerero.com	+1 201-674-9999
737-800 Winglets	Now - Sale / Lease				
737-700 & 737-800 Landing Gear	Now - Sale / Lease				
(3) APS 2300	Now - Sale/Lease/Exch.		Mike Cazaz	mike@wernerero.com	+1 201-661-6804
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368