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WORLD NEWS

Cologne Bonn Airport strengthens links to the UK

The German airport has kick-started 2017 with the announcement of its first new airline partner of the year. Launching its inaugural route from Cologne Bonn, Stobart Air, operated by Flybe will be commencing a six times weekly service to London Southend from 1 May. Michael Garvens, Chairman of the Management Board, Cologne Bonn Airport, said: "We are delighted to add Southend as another direct connection to the cosmopolitan city of London. The new route will prove just as attractive to business travellers as it will to the weekend tourist."

Volaris initiates distribution via Hahn Air

Mexican low-cost-carrier Volaris signed an agreement with Hahn Air Systems, the global consolidation service connecting air, rail and shuttle partners to all major Global Distribution Systems (GDSs). Without having a direct GDS interface of its own, Volaris will now be able to make its flights available to travel agencies worldwide, under the reservation code H1, through the GDSs Amadeus, Sabre and Galileo, and Worldspan coming later in 2017.

Solenta takes stake in fastjet

Pan-African low cost carrier fastjet has signed a conditional agreement with Solenta, a specialist African commercial aviation group based in Johannesburg, for the provision and operation of three wet-leased aircraft. It's reported that the wet-leased aircraft will be ERJ-145s. The ERJs are believed to be more ideal for fastjets thinner routes instead of its A319-100s. Reportedly, fastjet will have rights to replace the ERJ aircraft with EMB-190s/195s or ATR72-600s. fastjet said the agreement represented a good operational and strategic fit.



Lufthansa alone, will hire some 1400 flight attendants.

Photo: Lufthansa Group

Lufthansa Group in major recruitment drive

More than 3000 will join the Group in 2017

In the wake of significant labour disputes with its pilots last year, the Lufthansa Group has now kicked off 2017 with the announcement of a major requirement drive to hire more than 3000 new staff this year across the various divisions.

The new hires will mostly be cabin crew who will join the various airlines of the Lufthansa Group in 2017. Lufthansa, itself, will hire 1400 flight attendants at the hubs in Frankfurt and Munich alone; overall the Lufthansa Group airlines will hire more than 2200 new people.

Other divisions are also hiring in-

clude Lufthansa Technik which is planning to recruit 450 new personnel at different locations, and Austrian Airlines will be hiring more than 300 new cabin, check-in and cockpit crew, and other divisions will also be looking. With 37,000

employees, Lufthansa is the largest employer in Frankfurt and Hesse (Germany).

For the aviation group, training young people is of particular importance. 250 new candidates will

start an apprenticeship or a degree in the Lufthansa Group in 2016/17. And there is a lot to choose from: there are nine degree courses and 34 training programmes, including toolmaker, air traffic assistant, system catering professional and forwarding and logistics services expert.

"Lufthansa remains the most attractive employer in Germany and the employer of choice for many applicants. Last year, more than 100,000 applications were submitted to the career portal at www.be-lufthansa.com. This makes us very proud. We are pleased to

Continued on page 3

"Lufthansa remains the most attractive employer in Germany and the employer of choice for many applicants."

Carsten Spohr, chairman, Lufthansa AG



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...continued from page 1

hire more than 3000 staff again this year”, says Carsten Spohr, chairman of the board of Deutsche Lufthansa AG.

Lufthansa is in the process of a fleet expansion and modernisation programme. In December, the airline took delivery of its fifth Airbus A320neo based in Frankfurt. During 2017, an additional ten A320neo aircraft are to be delivered to the German carrier.

Also in December, Lufthansa received its first A350 XWB. The aircraft is the first of 25 A350-900s that the airline has on order. Lufthansa will deploy their first A350s on long-haul routes from Munich to Delhi and Munich to Boston.



Airbus and Lufthansa celebrate the first A350-900 delivery to the airline

Photo: Airbus

AIRCRAFT & ENGINE NEWS

ANA takes delivery of first A320neo

Tokyo-based airline ANA has taken delivery of its first A320neo, also becoming the first A320neo operator in Japan. ANA’s A320neo is configured for 146 passengers in a two-class cabin layout with eight business class seats and 138 economy class seats. It is powered by Pratt & Whitney’s PurePower PW1100G-JM engines. ANA plans to start scheduled commercial services from Japan to Asian cities in January next year. ANA Holdings, the parent company of ANA, placed orders for a total of 37 A320 Family aircraft, including seven A320neos, 26 A321neos and four A321XLRs between 2014 and 2015. The company also ordered three A380s this year.

Pratt & Whitney delivers first PurePower engines to China Southern Airlines

Pratt & Whitney has delivered the first PurePower engines to China Southern Airlines, the first mainland Chinese airline to take delivery of an Airbus A320neo aircraft powered by this revolutionary engine technology. China South-

Boeing, GECAS sign order for 75 737 MAXs



GECAS orders 75 737 MAXs

Photo: Boeing

Boeing and GE Capital Aviation Services (GECAS), the commercial aircraft leasing and financing arm of General Electric, announced an order for 75 737 MAX 8 aircraft. The order, booked in December, has an approximate value of US\$8.25bn at list prices. The follow-on order increases the GECAS firm order book for the 737 MAX to 170 airplanes.

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ern has an additional 23 A320neo aircraft on order through the leasing company AerCap, all of which will be equipped with Pratt & Whitney's PurePower engines.

Baltia signs letter of intent to lease aircraft

Baltia Air Lines has signed a letter of intent to lease a Boeing 767-300ER aircraft from Kalitta Air. The terms of this lease and details of the aircraft will be disclosed in a subsequent filing with the SEC. Baltia Air Lines President & CFO, Mr. Anthony D. Koulouris stated "I am very happy and pleased with this latest accomplishment as we embark on a new era. As we continue to move forward with my vision and plan of transforming our company, we are also in the process of re-starting the FAA Air Carrier Certification program."

Arctic Aviation Assets closes financing of two A320neos on lease to Hong Kong Express

Arctic Aviation Assets has successfully closed a term debt facility for two Airbus A320neo aircraft arranged by DVB Bank SE. The narrow-body aircraft are the first of 12 aircraft which will be delivered to Hong Kong Express from Airbus and placed on long-term operating leases. Hogan Lovells acted for Arctic Aviation Assets as lessor's counsel, while Pillsbury Winthrop Shaw Pittman represented DVB.

Aircastle and easyJet complete ten-aircraft purchase-and-leaseback program

Aircastle and easyJet have completed a purchase-and-leaseback program for ten Airbus A319-100 aircraft. The aircraft, which were manufactured in 2005 and 2006, feature easyJet's distinctive dual over-wing door exit configuration, which enables higher density seating. Andrew Findlay, easyJet CFO, commented, "Having announced in May our intention to initiate a rolling sale and leaseback programme to facilitate our long-term exit strategy of our A319 fleet, we are very pleased to announce this transaction with Aircastle."

Avolon delivers one Boeing B737-800 to Aerolineas Argentinas and one to Malindo



Aerolineas Argentinas has taken delivery of one B737-800

Photo: Aerolineas Argentinas

Avolon, the international aircraft leasing company, has announced the delivery of one Boeing B737-800 aircraft to Aerolineas Argentinas. Furthermore, Avolon has delivered one Boeing B737-800 aircraft to Malindo. This is the fourth Avolon aircraft on lease to Malindo.

Lufthansa takes delivery of first A350 aircraft



Lufthansa's first A350-900 takes off for the first time

Photo: Airbus

The Lufthansa Group has taken delivery of its first A350 XWB. Powered by Rolls-Royce engines, Lufthansa's A350 XWB will feature a comfortable three-class cabin layout with 48 seats in Business, 21 seats in Premium Economy and 224 seats in Economy. The A350 XWB is equipped with Lufthansa's latest cabin products including new seats, an all-new inflight entertainment experience and, for the first time, inflight connectivity, offering new levels of comfort and convenience to Lufthansa's passengers in all classes.

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Island Air selects Bombardier Q400 aircraft for fleet renewal and expansion

Bombardier has delivered the first of three Q400 turboprops ordered by Irish leasing company Elix Aviation Capital. The aircraft, which was delivered in a 78-seat configuration, is scheduled to enter service with Hawaii Island Air (Island Air) in early 2017. Island Air is Hawaii's alternative regional airline and second-oldest carrier. The Q400 aircraft features advanced noise reduction and vibration suppression systems to allow passengers to enjoy a quieter, smoother cabin experience

Airlink adds 11 ERJ 140s and expands Pool Program contract

Airlink, southern Africa's largest independent regional airline, is adding 11 Embraer ERJ 140 jets to its fleet. This will bring the number of Embraer regional jets the airline operates to 30. The airline has also extended its existing Flight Hour Pool Program contract for another eight years and has expanded it to include the ERJ 140s. The Pool Program covers more than 350 different components for Airlink's 30 ERJ aircraft and delivers support to the airline 24/7.

Aeromar receives first ATR 42-600

Aeromar has taken delivery of its first ATR 42-600. This is the first aircraft to be delivered after the announcement in Mexico last month of a contract for 8 firm ATR -600 aircraft (6 ATR 72-600s and 2 ATR 42-600s) and options for 6 additional ATR 72-600s. With this first delivery, Aeromar starts progressively replacing its previous generation fleet composed of 9 ATR 42-500s and 4 ATR 42-300s, and offers passengers the most modern regional aircraft on the market. The airline already operates two ATR 72-600s, introduced in 2013. Aero-

China's AC352 completes first flight with WZ16 engine



First flight of AC352

Photo: Safran

The first flight of the Avicopter AC352, powered with WZ16 engine, took place December 21, in Harbin, China. The AC352 is a new seven-ton, twin-engine, multi-purpose rotorcraft jointly developed by Avicopter and Airbus Helicopters. The WZ16 met all the performance targets set for this maiden flight. Known in the west as the Ardiden 3C, the engine has been jointly developed by Safran Helicopter Engines, CAPI and Dongan, parts of the new Aero Engine Corporation of China (AECC) consortium, in a partnership for both development and production. The WZ16 will be the first helicopter engine to be certified in parallel, both in China by CAAC (Civil Aviation Administration of China) and in Europe by EASA (European Aviation Safety Agency) under the Ardiden 3C designation. The EASA certification for the Ardiden 3C is expected by the end of 2017, and CAAC certification for the WZ16 in 2018.

mar is a long-standing partner of ATR, having operated ATR aircraft since its foundation in 1987.

Iran Air and Airbus seal historic aircraft order

Iran Air and Airbus have signed a firm contract for 100 aircraft, building on an initial commitment signed in January 2016 in Paris. The agreement signed by Farhad Parvaresh, Iran Air

Chairman and CEO and Fabrice Bregier, Airbus President and CEO, covers 46 A320 Family, 38 A330 Family and 16 A350 XWB aircraft. Deliveries will begin in early 2017. The agreement is subject to US government Office of Foreign Assets Control (OFAC) export licences which were granted in September and November 2016. These licenses are required for products containing 10 per cent or more US technology content. Airbus coordinated closely with regulators in the



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EU, US and elsewhere to ensure understanding and full compliance with the JCPOA. Airbus will continue to act in full compliance with the conditions of the OFAC licences.

Finnair leases two A321 aircraft for the long term

Finnair has entered into an agreement with CDB Aviation Lease Finance for the long-term lease of two new Airbus A321-200 narrow-body aircraft configured with 209 seats. The first aircraft is scheduled for delivery to Finnair for the winter season 2017/2018, and the second for the summer season 2018. The lease agreements have a minimum term of eight years. During the winter of 2016, Finnair has announced the long-term lease of a total of six similar A321 aircraft from the first half of 2017 onwards. The transactions are part of Finnair’s fleet renewal, where feeder capacity is increased in balance with the previously announced expansion in long-haul capacity.

Sichuan Airlines to lease new Airbus A350-900 aircraft from Air Lease Corporation

Air Lease Corporation has placed one Airbus A350-900 new technology wide body jet on long term lease to Sichuan Airlines (Chengdu, China). The aircraft will deliver in the first quarter of 2019 from ALC’s order book with Airbus. The A350-900 will be primarily operated across the Pacific, linking major cities in China with USA and Canada.

SmartLynx Airlines wet leases Airbus A320 aircraft to Atlas Atlantique Airlines

SmartLynx signed ACMI wet lease agreement with Atlas Atlantique Airlines for one A320 aircraft with planned registration mark YL-LCR. The lease period is from December 2016 until March 2017. The base of aircraft will be Paris Vatry (XCR) airport. Atlas Atlantique Airlines is a new cooperation partner for SmartLynx.

BOC Aviation orders five new Airbus A320 aircraft

BOC Aviation has ordered five new Airbus A320-200 aircraft, all of which are scheduled for delivery in 2017. The order reflects continued demand among BOC Aviation’s customers for these single-aisle aircraft, which remain amongst the world’s most popular and efficient.

BOC Aviation takes delivery of 250th aircraft from Airbus



BOC Aviation takes delivery of its 250th Airbus aircraft

Photo: BOC Aviation

BOC Aviation announced the delivery of its 250th aircraft from Airbus. The aircraft is an A330-300 delivered to Air China, the fifth of the five wide-body aircraft leased to the Chinese airline under a purchase-and-leaseback arrangement, first announced on October 3, 2016.

Airbus adapts A380 deliveries

Following an agreement reached between Emirates Airline and Rolls-Royce and a consecutive agreement between Emirates Airline and Airbus, the Toulouse based aircraft manufacturer is to adapt the A380 delivery stream with six aircraft deliveries postponed from 2017 to 2018 and six others from 2018 to 2019. Airbus re-confirms the target to deliver around 12 A380s per year from 2018 as announced earlier in July 2016. Further fixed cost reduction initiatives will be accelerated so the impact on break-even in 2017 is minimal.

Travel Service finalizes order for five additional 737 MAXs

Travel Service, the Czech airline company that operates scheduled flights under the SmartWings brand, has finalized an order for five 737 8 MAX airplanes with Boeing, valued at US\$550m at current list prices. Travel Service had previously placed an order for three 737 MAXs at the Paris Air Show in 2013 and currently operates a mixed fleet that includes 32 737s.

Transportation Partners closes financing of three ATR72-600s

Lion Air Group airlines, Malindo Air and Wings Air, have taken delivery of three new ATR72-600 aircraft on operating leases from Singapore-

based lessor, Transportation Partners. All three aircraft were delivered in the last quarter of 2016 and were financed by DVB Bank SE, Singapore Branch (DVB). DVB acted as the sole arranger, agent and underwriter for this transaction and was represented by Clifford Chance. Transportation Partners’ legal team handled the transaction with the assistance of Stephenson Harwood.

MRO & PRODUCTION NEWS

AerFin launch Singapore-based distribution facility and office

AerFin have announced the opening of both an office and distribution center in Singapore, further emphasizing AerFin’s commitment to highly efficient airframe and engine component support solutions to its MRO, airline and lessor customer base on a global scale. The facility will be managed by Tony Stilwell, who has nearly 30 years of industry experience and who will be responsible for directing the operations and sales within the region. Stilwell commented “With the projected fleet growth and retirements in Asia Pacific, it is an obvious region for AerFin to expand into. With a regional office and inventory located in Singapore we will be getting a lot closer to our customers and more able to support their demands from locally held inventory.” AerFin CEO Bob James added: ‘The launch of our

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distribution center in Singapore underlines our commitment to developing and expanding our operations in a region that currently sees 40% of future aircraft orders and passenger traffic growing at nearly 6% per annum. It's imperative AerFin are at the heart of this strategically important region."

Charter Airline Cobalt chooses Monarch Aircraft engineering

Monarch Aircraft Engineering (MAEL), the engineering division of Monarch, has signed a line maintenance technical handling agreement with charter airline Cobalt. Commencing this month, the agreement will see MAEL's teams provide the new Cypriot operators' Airbus A320 flights from Larnaca into Birmingham and Manchester airports with line maintenance support.

Lufthansa Technik extends warehouse capacities in the USA

Lufthansa Technik AG has now opened a new warehouse in the USA, close to the Fort Lauderdale airport in Florida. This represents a significant expansion of the site, ensuring stable supply for customers in this growing region moving into the future. The Fort Lauderdale site serves as a connecting point for North, Central and South America. It was thus chosen as the primary storage facility for the American market and central gateway for the extensive customer supply network in the region. The state-of-the-art facility, in operation around the clock all year, and the seamlessly integrated transport network, allow the company to even better fulfill the high quality expectations of its customers. The new 2,000-m² warehouse has capacity for around 9,000 components. It also houses more than 10,000 items of consumables & expendables and various models of aircraft can be supported from here. The warehouse is operated by Lufthansa Technik Component Services (LTCS), making use of the logistic processes and IT systems of Lufthansa Technik Logistik Services (LTLS). The newly introduced LTLS computer-supported logistic order management system will make even more precise scheduling of internal logistic process steps possible.

Aero Norway achieves CAAC approval

Norway-based Engine MRO facility Aero Norway AS has been granted approval by the Civil Aviation Administration of China. This follows a detailed audit from the Chinese regulatory authority in September. The engine MRO centre is now multi-release FAA, EASA, TCCA and CAAC

328 Support Services and Duncan Aviation partner to deliver and certify full cabin completion on Bombardier Challenger 604



328 Support Services GmbH and Duncan Aviation partner to deliver and certify a full cabin completion on Bombardier Challenger 604
Photo: 328 Support Services

328 Support Services GmbH has partnered with USA-based Duncan Aviation to deliver and certify a full cabin completion on a Finnish registered, Bombardier Challenger 604 aircraft. Following 328's work on the EASA certification, the aircraft was delivered to the customer on time last month. 328 Support Services was responsible for verifying all the engineering data involved in the project as well as certifying the modification with a new EASA Part 21 Minor Change Approval. On the other hand, Duncan Aviation undertook all the production, installation and testing activity at Duncan's full service facility in Battle Creek, Michigan. The project features a stylish new interior design for the 604's cabin, including new grey carpet throughout the flight deck, galley, cabin and entrance hallway; flight deck crew seats and an entry jump seat; newly upholstered cabin and conference seating in pale cream leather throughout; coordinating upper sidewall/window panels in pale cream; flight deck lower sidewalls and a right hand Corian countertop in grey and white.

certified. CAAC certification allows Aero Norway to carry out maintenance of engines for aircraft registered in China in accordance with CAAC Part-145. The certification covers the full spectrum of services offered by CFM-authorized Aero Norway repair station across all three engine models – CFM56-3, CFM56-5B and CFM56-7B.

Vector Aerospace receives EASA STC approval for ADS-B upgrade

Vector Aerospace, a global independent provider of aviation maintenance, repair and overhaul (MRO) services, has received European Aviation Safety Agency (EASA) Supplemental Type Certificate (STC) approval for its new ADS-B solution, which is applicable for installation on the Airbus Helicopters AS332, Leonardo Helicopters AW139 and Sikorsky S-76 series of helicopters. Vector's retrofittable ADS-B solution has already received

STC approval from the national airworthiness authorities of the USA (FAA), Brazil (ANAC) and Mexico (DGAC).

Rolls-Royce and Delta Air Lines enter into first ever SelectCare agreement for Trent engines

Rolls-Royce and Delta Air Lines have entered into the first ever SelectCare services agreement for Trent engines. The agreement covers Trent 800 engines on Boeing 777 aircraft operated by the airline. SelectCare is a fixed price overhaul service agreement that includes a suite of supplementary services that allow customers to benefit from Rolls-Royce's OEM insight and aftermarket capability, while providing cost certainty and fleet plan flexibility. It has already been selected by launch customer American Airlines and Icelandair for RB211 engines.

MRO & PRODUCTION NEWS

JetBlue and Premier Aviation sign 5 year heavy maintenance and paint agreement

Premier Aviation and JetBlue together announced the signing of a five-year Embraer 190 heavy maintenance and paint agreement. Under the terms of the agreement the aircraft maintenance of 2 lines of E-190 aircraft begin in Rome, New York on January 2017, and will grow to support the painting of two lines of aircraft, which will initially be supported at Premier’s Trois-Rivieres, Quebec facility in 2017. This agreement confirms JetBlue’s confidence in Premier Aviation, and long history of supporting the region. The maintenance and paint lines are expected to add skilled jobs to the Oneida area and recruitment for the Rome, NY facility is ongoing.

Revima APU receives Authorized Economic Operator certification

Revima APU, a major APU maintenance services provider headquartered in France, received the Authorized Economic Operator (AEO) certification, allowing the company to offer simplified logistics and improved supply chain solutions. The AEO certification is a recognition of Revima APU’s import/export control system, financial stability and safety and security procedures, all of which are qualification criteria for the certificate. The AEO status is one of the biggest security initiatives worldwide. The aim of this certification is to enhance international supply chain security and to facilitate legitimate trade. An AEO certified entity can be considered as a trustworthy economic operator with regards to all customs operations it undertakes across the entire European Community territory.

Rockwell Collins to acquire Pulse.Aero



express drop

Photo: Rockwell Collins

Rockwell Collins has acquired Pulse.Aero, a UK-based company specializing in self-service bag drop solutions and airline applications, to enhance the company’s passenger processing services for airports and airlines. This acquisition further expands Rockwell Collins’ Information Management Services (IMS) strategy to enable the connected aviation ecosystem. “This acquisition expands our already strong passenger processing offerings beyond agent and self-service check-in to include new applications and services that facilitate a seamless travel experience for airline passengers,” said Dave Nieuwsma, senior vice president, Information Management Services for Rockwell Collins. Pulse.Aero’s products and services will be integrated into Rockwell Collins’ IMS Airport Systems portfolio. The self-service bag drop market is experiencing significant growth due to the benefits it provides both airports and passengers. Airports can increase passenger throughput without capital expenditure on building and facilities, and passengers can move through the airport check-in process more quickly and efficiently.



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FINANCIAL NEWS

Chorus Aviation to launch aircraft leasing subsidiary - Chorus Aviation Capital

Chorus Aviation will establish a new regional aircraft leasing subsidiary, Chorus Aviation Capital, and has entered into an agreement pursuant to which Fairfax Financial Holdings Limited and certain of its subsidiaries will invest CAD\$200m (US\$150m) in Chorus through a private placement of 200,000 convertible debt units. In recent years, Chorus has steadily grown its aircraft leasing revenues from aircraft deployed under the capacity purchase agreement between Jazz Aviation and Air Canada, reaching CAD \$71.9m (US\$53.0m) in the first nine months ended September 30, 2016. On November 9, 2016, Chorus announced a transaction involving the lease of up to four Bombardier CRJ1000 aircraft to Air Nostrum, Lineas Aereas Del Mediterraneo, S.A., marking the first significant aircraft leasing transaction outside of the CPA. The establishment of an aircraft leasing subsidiary supported by Fairfax's CAD\$200m investment in Chorus provides Chorus with a solid foundation from which to realize its ambition of building a globally-competitive, regional aircraft leasing business capable of providing a full suite of services to regional aircraft operators. Chorus Aviation Capital will be led by Steven Ridolfi as President.

Bombardier releases 2017 guidance, confirms turnaround plan is on track

Bombardier has released its 2017 guidance and confirmed that its turnaround plan is on track. The announcement came ahead of the Bombardier Investor Day event, where the company will provide an update on its business outlook, highlight its 2016 accomplishments, and reaffirm both its 2018 free cash flow breakeven goal and its 2020 revenue target of US\$25bn. Bombardier is targeting consolidated EBIT before special items in the range of US\$530m – US\$630m for 2017, which represents a year-over-year improvement of approximately 50% at the mid-point of the range. This targeted profit growth will primarily be driven by transformation initiatives already in place, including the previously announced restructuring actions. In 2017, the company expects to spend US\$250m – US\$300m on restructuring to further improve efficiency, reduce costs and optimize its operations. This charge will be categorized as a special item. Bombardier also anticipates a significant improvement in its free cash flow usage for 2017, which is targeted to be in the range of US\$750m to US\$1.0bn, representing a year-over-year improvement

of more than US\$400m at the mid-point of the range. Consolidated revenue is expected to grow by low single digits, driven by growth in the rail business and the ramp-up of the C Series aircraft program.

Lufthansa takes over 100% of Brussels Airlines to fully integrate it into the Lufthansa Group

Deutsche Lufthansa AG has taken over 100% of Brussels Airlines to fully integrate it into the Lufthansa Group as of 2018, also joining the Eurowings Group. Attractive home markets of Belgium and Brussels, and a well-established Africa network will further strengthen the Lufthansa and Eurowings Group market position. Advantageous cost-structure will allow Brussels Airlines to successfully compete with the tough low-cost competition in the Belgian market. After Lufthansa and the shareholders of SN Airholding had agreed on the terms of the complete takeover, Deutsche Lufthansa AG's Executive Board decided to exercise the call option for the outstanding 55% of the shares. The call option comes into effect by December 31, 2016. The closing of the transaction will happen by the beginning of January 2017. The price mechanism for the take-over of the remaining 55% of the shares had already been part of the agreement for the call option in 2008. The price for the acquisition of the remaining 55% of the shares is €2.6m (US\$2.7m), which will be paid to a consortium of 30 shareholders.

Airborne Maintenance and Engineering Services to acquire PEMCO World Air Services

Air Transport Services Group said its subsidiary, Airborne Maintenance and Engineering Services, has acquired PEMCO World Air Services, a privately held provider of outsourced heavy maintenance, repair and overhaul (MRO) aircraft services and passenger-to-freighter aircraft conversions based in Tampa, FL. The company did not assume any PEMCO debt in connection with the acquisition. This acquisition will allow for a number of strategic benefits through combining operational strengths, expanded capabilities and cost savings related to shared services between the companies. The services of the combined AMES/PEMCO businesses will be marketed worldwide to customers as part of a comprehensive set of ATSG solutions, as well as to the ATSG affiliates. Services will be offered from multiple locations, including Wilmington and Tampa for heavy maintenance and modifications, and Tampa, Central America and Asia for passenger-to-freighter conversions. Additional service offerings

of aircraft-on-ground field teams, line and turnaround maintenance, component repair and overhaul, engineering repair and design, and extensive manufacturing and kitting capabilities, will be extended from various locations. ATSG President and CEO Joe Hete said, "Based on PEMCO's existing domestic and international scale, this acquisition will expand access to maintenance service for customers of ATSG's expanding fleet of Boeing 767 cargo aircraft. It is consistent with our goal to diversify ATSG's revenue and earnings, for an investment in the same price range as our planned and completed stakes in cargo airlines in China and Europe. The combination of PEMCO's conversion and MRO sales of both Airbus and Boeing products with AMES' existing offerings will create a sustained, growth-oriented aircraft maintenance product and services portfolio." Hete added that based on ATSG's current estimates and outlook, the PEMCO acquisition is expected to be accretive to ATSG's earnings starting in 2017.

GE to develop competitive financing to stimulate growth in additive manufacturing

GE Additive business will collaborate with GE Capital to sell and finance metal additive machines. Manufacturing companies will now have more ways to access transformative 3D printing technology, spurring growth in several critical industrial markets including medical, aerospace, automotive and machining. GE Capital will develop a range of customized financial solutions for its customers. These solutions will allow GE Additive customers the ability to access strategic and flexible financing solutions to acquire this transformative manufacturing technology in countries around the globe. "Our dual expertise both in manufacturing and in equipment finance, allows us to create competitive financial solutions that support our customers' strategic business goals," said Trevor Schauenberg, President and CEO of GE Capital Industrial Finance. "Additive manufacturing is a key contributor to the manufacturing evolution; we're excited to enable its growth." GE has invested approximately US\$1.5bn in advanced manufacturing and additive technologies, in addition to building a global network of Additive centers focused on advancing the science. GE also recently announced it has acquired a 75% stake in Concept Laser GmbH and 76% of the shares in Arcam AB – both producers of metal additive machines. GE is now well positioned to advance the additive manufacturing revolution across several industries. As a leading end user and investor in additive technology, GE is experiencing its transformative engineering and manufacturing power across the company's industrial businesses.

OTHER NEWS

Marshall Aerospace has signed a new, extended contract with **Commsoft** to use OASES for its growing CAMO activities. An OASES user since 2008, Marshall plans to use the OASES system to support an ongoing CAMO operation in the Middle East. Marshall is working hard to secure further CAMO contracts and sees potential for OASES to be used in support of these programs. A 'best-of-breed' MRO IT system, OASES offers a technical sophistication whilst being intuitively user-friendly. To allow for scalability, OASES is structured in a modular format and, for this new contract, Marshall has selected the Core, Airworthiness and Planning modules. OASES can either be installed on a local server or accessed via the Internet through Commsoft's Private Cloud hosting service, avoiding the need to install any additional hardware. As part of its new contract, Marshall has migrated to the new cloud environment.

Embraer has created a business unit focused on services and customer support, which will be led by Johann Bordais, who is currently serving as the Director of Services and Support for **Embraer Commercial Aviation**. The new business will start operating in the first half of 2017 and will be responsible for developing solutions in support of current and new products and services, as well as for managing the associated processes and resources. The daily customer relationship structure (sales and technical support) will remain under the responsibility of each business unit; Commercial and Business Aviation as well as Defense & Security.

Wizz Air has announced five new West Balkan routes from **Budapest** that will commence in April 2017. The new routes will connect Budapest with five capitals of countries in the West Balkan region, Skopje in Macedonia, Podgorica in Montenegro, Tirana in Albania, Prishtina in Kosovo, and Sarajevo in Bosnia and Herzegovina. Earlier this year the National Ministry of Development enacted that a public service obligation is imposed, and announced a public procurement tender for operating the routes connecting Hungary with important economic routes in the region. The tender invitation was published in the Official Journal of the European Union, Wizz Air applied and was awarded the concession for four years. The new routes will connect the countries directly, boost bi-directional tourism, and establish an important link for trade and business.

Boliviana de Aviación, the flag carrier of Bolivia, has selected **Panasonic Avionics Corporation's (Panasonic)** eXW system to bring the best Hollywood blockbusters to its passengers. eXW is a wireless in-flight entertainment system and is available on the airline's B767-300ER long-haul fleet. It allows passengers to watch a vast selection of on-board movies, including new blockbusters, on their personal electronic devices. The aircraft currently operates on routes to Madrid and Miami, with future destinations to be added.

Norwegian continues to expand its route network – this time with full force in Germany with five new route launches from **Düsseldorf** Airport and three new route launches from **Hannover** Airport. Nearly 170,000 seats are available for the summer season to and from Düsseldorf Airport, and over 50,000 seats available for the summer season to and from Hannover Airport – all of them to popular Spanish destinations. Norwegian already operates routes in Germany from Hamburg, Munich, Berlin and Cologne.

WestJet has said that its 1,380 pilots have voted in favour of the company's plans to expand its successful wide-body operations. Such approval is required under the airline's agreement with the WestJet Pilots Association. "Our long-haul, wide-body flights to Hawaii and London (Gatwick) have brought low fares and more choices to hundreds of thousands of guests, reinforcing our position as Canada's low-fare leader," said Gregg Saretsky, WestJet CEO. "This agreement reflects the collaborative relationship we have with the WestJet Pilots Association (WJPA) and now allows us to proceed with plans to expand our wide-body operations to new destinations in the future. We will now turn our attention to acquiring additional wide-body aircraft to satisfy the demand for our low fares." WestJet currently operates four Boeing 767-300ER aircraft in its winter schedule on non-stop routes to London (Gatwick) from Toronto and Calgary; to Hawaii from Edmonton and Calgary; and on select transcontinental routes including between Toronto and Calgary.

Southwest Airlines reported that its Facilities Maintenance Technicians have rejected the tentative agreement negotiators reached in late October. The five-year deal would have become the group's first contract since being accreted into the Aircraft Mechanics Fraternal Association (AMFA). According to the Aircraft Mechanics Fraternal Association

(AMFA), 34 of 37 eligible Employees voted on the agreement, with 19 voting against it. Section VI Negotiations officially began in June 2013. The Company will not speculate as to when negotiations will resume.

Marshall of Cambridge Aerospace, part of the **Marshall Aerospace and Defence Group**, has signed a new, extended contract to use **OASES** for its growing **CAMO** activities. An OASES user since 2008, Marshall plans to use the OASES system to support an ongoing CAMO operation in the Middle East. Marshall is working hard to secure further CAMO contracts and sees a potential for OASES to be used in support of these programmes. OASES MRO IT system offers technical sophistication whilst being intuitively user-friendly. To allow for scalability, OASES is structured in a modular format and, for this new contract, Marshall has selected the Core, Airworthiness and Planning modules. OASES can either be installed on a local server or accessed via the internet through **Commsoft's** Private Cloud hosting service, avoiding the need to install any additional hardware. As part of its new contract, Marshall has migrated to the new cloud environment.

Low-cost airline **Norwegian** is ready to take-off its biggest year ever, with the introduction of brand new aircraft, exclusive new routes – including its first long-haul flights outside the USA – and more affordable flights on the UK's only direct low-cost transatlantic services. Europe's third largest low-cost airline will expand its young aircraft fleet with nine brand new Boeing 787 Dreamliner aircraft and launching Boeing's latest aircraft, the Boeing 737 MAX. These new aircraft will unlock more affordable flights and never before seen routes while offering UK passengers, high-quality travel at great value. Norwegian last year, carried more than 4.5 million passengers from London, Manchester, Edinburgh, and Birmingham airports. The fast growing airline launched more than 10 new routes from the UK, including routes to Boston, Oakland-San Francisco and Las Vegas on its award-winning USA flights at a time when Norwegian flew more than four million passengers to and from Gatwick for the first time in a single year.

Ryanair has renewed its agreement with **Navitaire**, an **Amadeus** company. Under the terms of the contract, Ryanair will use the firm's advanced ancillary and reservations solution including merchandizing, distribution, digital and departure control plat-

OTHER NEWS

forms until 2025, which will represent 25 years of collaboration between Ryanair and Navitaire. Ryanair continues to unveil products and passenger service enhancements through its “Always Getting Better” (AGB) program. Now in its third year, AGB continues to gain momentum through new service, digital and inflight developments. Navitaire reservations and ancillary revenue platforms underpin these initiatives by enabling Ryanair to tap an extensive, diverse suite of APIs providing customizable building blocks to create programs and services to better serve and attract customers.

Delta reported that December 2016 system traffic increased 2.6%, while capacity for the month was up 1.5% when compared to the same period in 2015. System load factor was up 0.9 points to 85.3% compared to December the previous year.

Jeppesen has signed a five-year service agreement with **LOT Polish Airlines**, the flagship carrier of Poland, to provide digital charting for LOT’s electronic flight bag (EFB) platform. LOT will incorporate Jeppesen FliteDeck Pro on Windows tablets as its charting EFB solution and, through the agreement, will continue to use Jeppesen NavData for digital navigation. The use of FliteDeck Pro will eliminate operational paper content from LOT aircraft, which improves fuel consumption based on weight reduction. FliteDeck Pro features real-time, data-driven flight information for all phases of flight, and is displayed per the preferences of the pilot. FliteDeck Pro also significantly reduces pilot workload through automated processes.

Avtrade has reported the opening of a new office, based in Guangzhou, China. The decision to move China operations into larger offices is the next step in a long-term growth plan for Avtrade’s presence in the region. Building on Avtrade’s successful historical relationships in the region, which have enabled a continued period of targeted and sustainable growth, the move highlights the company’s commitment to its customers in China and throughout North Asia. The North Asia team will be available 24/7, offering Avtrade’s full range of services to customers through expert local account managers.

INDUSTRY PEOPLE



Jean Lydon-Rodgers



Tony Mathis

- GE Aviation has reported that **Jean Lydon-Rodgers** was named President and Chief Executive Officer of GE Aviation Services, and **Tony Mathis** was promoted to President and Chief Executive Officer of GE Aviation, Military Systems.



Arjan Meijer

- Embraer has named **Arjan Meijer** as Chief Commercial Officer, Embraer Commercial Aviation, reporting directly to John Slattery, President & CEO, Embraer Commercial Aviation. Prior to joining Embraer in April, 2016, Meijer spent 15 years at KLM on the engineering, technical services and fleet development aspects of the company. His last role was Managing Director of KLM UK Engineering Limited.



Andreas Tielmann

- As of January 1, 2017, **Andreas Tielmann** is the new CEO of Lufthansa Technik Logistik Services (LTLS). He is taking over from **Dr. Christian Langer**, who is moving to Lufthansa Technik as Head of Digital Fleet Solutions. Andreas Tielmann has been with Lufthansa Technik since 1998. He began his career as project coordinator in the Department of Business Development. In 1999 he was sent to Dallas, Texas, as Project Manager for the establishment of Lufthansa Technik Component Services, before returning to Hamburg in 2000 and taking on the position of Group Leader, Hydraulic Equipment Maintenance. Two years later, Andreas Tielmann was appointed Head of the Business Area Development depart-

ment within the Aircraft Component Services Division.



Eli Alfassi

- On January 1, 2017, **Joseph Weiss**, President and CEO of Israel Aerospace Industries (IAI) announced the appointment of **Mr. Eli Alfassi** as the company’s Executive VP Marketing. Mr. Alfassi is currently Executive VP for IAI’s operations in India and following his appointment to the position of Executive VP Marketing, the two operations will be merged under his responsibility.



Juraj Pikna

- C&L continues its global expansion with the hire of **Juraj Pikna**, who will be based in Prague, Czech Republic, and who will cover the European, Russian and African markets. Pikna comes to C&L with a wide range of training in the aviation industry – air traffic control, MRO for regional and commercial aircraft, sales and support for aircraft parts—that spans more than a decade. Pikna is well-versed in the European market, having spent many years supporting turbo-prop customers in the region with rotables.

- Dubai Aerospace Enterprise (DAE) has hired **Bertrand Grabowski** as Senior Strategic Advisor. Bertrand was most recently Member of the Board of Directors of DVB Bank in charge of Aviation and Rail. Under his leadership, DVB Bank solidified its pre-eminence as a leading aviation asset based lending platform and expanded its franchise to include aviation asset management, Investment management and advisory businesses. Prior to joining DVB, Bertrand had a well-known career in transportation finance in London, New York and Tokyo. He worked at Citibank and Bank Indosuez providing highly structured asset financing solutions to clients in the transportation sector.

- Air Canada has appointed **Lucie Guillemette**, previously Senior Vice President, Revenue Optimization, as Executive Vice President and Chief Commercial Officer.

INDUSTRY PEOPLE

Ms. Guillemette, who is based at the airline's Montreal headquarters, joins the Executive Committee and continues to report to **Benjamin Smith**, President, Passenger Airlines.

- **Thomas Winkelmann** will become the new Chief Executive Officer (CEO) of airberlin group, taking up his new position on February 1, 2017, assuming full accountability for all group activities. He will succeed **Stefan Pichler**, who decided to leave the company after working for two years on the strategic turnaround of the group. Mr. Pichler achieved this by entering into a wet-lease agreement with the Lufthansa Group for 38 aircraft and through selling the short- and medium-haul touristic business to Etihad Aviation Group, in order to create a new European leisure airline group in a joint venture with TUI AG. The new airberlin will focus on developing its long-haul network out of Berlin and Düsseldorf, initially with 75 aircraft. Thomas Winkelmann will continue the implementation of these measures to ensure a sustainable and profitable future for airberlin.

- Monarch Aircraft Engineering (MAEL) has appointed **Chris Dare** as Accountable Manager for Monarch Aircraft Engineering. As Accountable Manager, Chris Dare has overall responsibility for the organization remaining in compliance with regulations.

- **Peter Juhas** will become Chief Financial Officer for AerCap in 2017. Juhas joined AerCap in September 2015 as its Deputy Chief Financial Officer. Prior to joining AerCap, he was the Global Head of Strategic Planning for AIG, where he led the development of the company's strategic and capital plans as well as mergers, acquisitions and other transactions, including the sale of ILFC to AerCap in 2014. Prior to joining AIG in 2011, Juhas was an investment banker at Morgan Stanley for 11 years. While at Morgan Stanley, he led the IPO of AerCap in 2006. During the financial crisis, he advised the U.S. Treasury on Fannie Mae and Freddie Mac and the Federal Reserve Bank of New York on the restructuring of AIG.

- United Airlines has announced three new appointments in the finance division as the company, focuses on aligning

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February 13, 2017 – February 14, 2017
Eaton Hotel, Hong Kong

Operating Lease Seminar 2017
March 20, 2017 – March 22, 2017
Novotel City Hotel Barcelona, Spain

EASA & Continuing Airworthiness Seminar 2017
4 April 2017
The Gresham Hotel, Dublin, Ireland

Aircraft Records & Total Asset Management Seminar 2017
5 April 2017
The Gresham Hotel, Dublin, Ireland

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its organization across all areas of the business. **Julie Yates Stewart** will join United on January 3, as Managing Director of Investor Relations where she will be responsible for overseeing the communication of United's financial results, while managing relationships with United's investors, analysts and credit rating agencies. To create additional alignment with its commercial and operations teams, the company has established two new chief financial officer roles. As Vice President and Chief Financial Officer – Commercial, **Jonathan Ireland** will work closely with the airline's commercial and IT teams to provide financial planning and analytical support. As Vice President and Chief Financial Officer – Operations, **Tom Doxey** will support all of the various operational teams to provide analytical and financial support with a focus on achieving important operational and financial goals.

- **Dion Garner** has joined the team of Werner Aero Services. He will be focusing on expanding the company's current business in Asia Pacific with increased emphasis on the growing APU business. Dion joins Werner Aero Services with over 30 years' experience in the aerospace industry, much of it spent in the Asia Pacific market. He has worked at Honeywell in their APU division for the majority of his professional career.

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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	ORIX Aviation	V2522-A5	2501	2005	Jun 2017	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 87 1774524
A319-100	ORIX Aviation	CFM56-5B5/P	2385	2005	Feb 2018	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 87 1774524
A319-100	Castlelake	CFM56-5B6/P	1377	2000	Oct 2017	Sale / Lease	Neil McCrossan	neil.mccrossan@castlelake.com	+44-207-190-6120
A320-200	Castlelake	V2527E-A5	874	1998	Jun 2017	Sale / Lease	Neil McCrossan	neil.mccrossan@castlelake.com	+44-207-190-6120
A320-200	ORIX Aviation	V2527-A5	2680	2006	Oct 2017	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 863 350 004
A320-233	FPG Amentum	V2527-A5	3543	2008	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A320-233	FPG Amentum	V2527-A5	3524	2008	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A330-200	ORIX Aviation	CF6-80E1A3	887	2007	Q1/2018	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 87 1774524
A330-223	FPG Amentum	PW4168A	943	2008	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A330-223	FPG Amentum	PW4168A	962	2008	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A330-223	FPG Amentum	PW4168A	979	2009	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A340-313	AerFin	CFM56-5C4	157	1996	Now	Sale / Lease	R. Rosser		+442921676296
B737-300	Aersale	CFM56-3C1	27910		Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-300	World Star Aviation Services	CFM56-3C1	28873		Now	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-300	World Star Aviation Services	CFM56-3C1	29266	1999	Feb 2017	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-300	World Star Aviation Services	CFM56-3C1	29267	1999	Feb 2017	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-400	World Star Aviation Services	CFM56-3C1	24332		Q4/2016	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-400	Safair Operations	Combi	East Africa		Now	ACMI only	C. Schoonderwoerd	corneliss@safair.co.za	+27 11 928 0000
B737-400	Aersale	CFM56-3C1	25417		Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-400	Aersale	CFM56-3C1	27149	1993	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-800	ORIX Aviation	CFM56-7B26	33973	2004	Jul 2017	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 87 1774524
B737-800	Fortress Investment Group	CFM56-7B26	29888	2002	Now	Lease	Jeff Lewis	aviation@fortress.com	+1 (305) 833-0309
B737-800	GA Telesis	CFM56-7B26	29104	1998	Q4/2016	Sale	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
B737-800	GA Telesis	CFM56-7B26	28402	1998	Q4/2016	Sale	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
B737-800	Aersale	CFM56-7B26	32624	2001	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-800	Aersale	CFM56-7B26	32625	2001	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B747-400	Fortress Investment Group	CF6-80C2B1F	28959	1998	Now	Lease	Jeff Lewis	aviation@fortress.com	+1 (305) 833-0309
B747-400	GA Telesis	RB211-524	26637	1992	Now	Sale	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
B757-200	Fortress Investment Group	RB211-535E4	27260	1994	Now	Sale / Lease	Jeff Lewis	aviation@fortress.com	+1 (305) 833-0309
B757-200F	Aerolease	RB211	22211		Jun 2017	Sale / Lease	Tim Corley	tcorley@aerolease.com	+1 (360) 870-9172
B757-200F	Aerolease	RB211	22611		Apr 2017	Sale / Lease	Tim Corley	tcorley@aerolease.com	+1 (360) 870-9172
B757-200	Castlelake	RB211-535E4	25300	1992	May 2017	Sale / Lease	Neil McCrossan	neil.mccrossan@castlelake.com	+44-207-190-6120
B757-222	Bristol Associates	PW2037	25157	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25322	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25396	1992	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25398	1992	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25698	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B767-27GER	Aersale	CF6-80C2B4F	27048		Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B767-300ER	Aersale	RB211-524	28149		Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B777-200	GA Telesis	P&W	26925	1995	Now	Sale	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
B777-200ER	GA Telesis	P&W	30214	1999	Now	Sale / Lease	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
DC8	Aersale	No engines	46094	1969	Now	Sale	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238

Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
ATR42-300	Regional One	PW120	51	1987	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
ATR42-300	Regional One	PW120	57	1987	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
ATR72-202	Regional One	PW124B	307	1992	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
CRJ-200ER	Regional One	CF34-3B1	7452	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
CRJ700	Regional One	CF34-8C5B1	10029	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
CRJ-900LR	Regional One	CF34-8C5	15057	2005	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
DASH8-102	Magellan Aviation Group	PW121	113	1988	Now	Sale / Lease	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
DHC8-200	Castlelake	PW121	447	1996	Now	Sale / Lease	Neil McCrossan	neil.mccrossan@castlelake.com	+44-207-190-6120
DHC8-311	Castlelake	PW123	286	1991	Now	Sale / Lease	Neil McCrossan	neil.mccrossan@castlelake.com	+44-207-190-6120
DASH8-311	Regional One	PW121	230	1990	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
DASH8-311	Regional One	PW123B	291	1991	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
DASH8-311	Regional One	PW123B	410	1995	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
DASH8-311	Magellan Aviation Group	PW123	266	1991	Now	Sale / Lease	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202



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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
Dornier 328-200	Regional One	PW306B	3145	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
Dornier 328-200	Regional One	PW306B	3185	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
ERJ-135ER	Bristol Associates		145176	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135ER	Bristol Associates		145186	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135ER	Bristol Associates		145192	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145410	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145413	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145504	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145LR	Bristol Associates	AE3007-A1/3	145208	1999	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145LR	Bristol Associates	AE3007-A1/3	145239	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145LR	Bristol Associates	AE3007-A1/3	145302	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000

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
(1) AE3007A1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(3) AE3007	Now - Sale	GA Telesis	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
CF34 Engines	Sale / Lease	Company	Contact	Email	Phone
CF34-8E5	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
CF34-10E	Now - Lease				
CF34-8C	Now - Lease				
CF34-3B1	Now - Lease				
CF34-3A	Now - Sale / Lease				
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CF34-10E7	Now - 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				
(1) CF34-10E5A1	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF34-3B1	Now - Sale				
(1) CF34-8C5/B1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
(2) CF34-10E6	Now - Lease	Willis Lease	David Desaulniers	dadesaulniers@willislease.com	+1 415 516 4837
(1) CF34-3B1	Now - Lease				
(1) CF34-10E7	Now - Lease				
CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80C2B1F	Now - Sale / Lease	AerSale, Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CF6-80C2A5	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CF6-80C2B6F	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) CF6-80C2B7F	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) CF6-80C2B7F	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) CF6-80C2B6F	Now - Sale / Lease				
(1) CF6-80C2B1F	Now - Sale / Lease				
(1) CF6-80C2B7F	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
CFM56 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) CFM56-5C4	Now - Sale/Lease/Exch.	TrueAero, LLC	Ed Blyskal	eblyskal@trueaero.com	+1 305-525-7308
(1) CFM56-5C4/P	Now - Sale/Lease/Exch.				
(1) CFM56-3C1	Now - Sale	European Capital Corporation	Iacovos Yiakoumi	commercial@europeancapitalcorp.com	+35722873250
(1) CFM56-3B2					
(1) CFM56-7B27	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-5B1	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-5C4	Now - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
(1) CFM56-3C1	Now - Sale / Lease				
(1) CFM56-5B	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111



THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

CFM56 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-7B27/3B1F	Now - Sale/Lease/Exch.	AerSale. Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CFM56-5C3/F	Now - Sale / Lease				
(1) CFM56-5A1/F	Now - Sale/Lease/Exch.				
(1) CFM56-3C1	Now - Sale / Lease				
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-3C1	Now - Lease	TES Aviation Group	Klaus Broker	klaus.broker@tesaviation.com	+44 1656 765 280
(1) CFM56-5C4	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(2) CFM56-3C1	Now - Sale / Exchange	CFM Materials	Steven Jefferson	Steven.Jefferson@cfmmaterials.com	+1 214-988-6640
(2) CFM56-7B26	Now - Sale / Exchange		Jimmy Hill	Jimmy.Hill@cfmmaterials.com	+1 214-988-6670
(1) CFM56-7B22	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) CFM56-3B2	Now - Sale / Lease				
(1) CFM56-7B24	Now - Sale / Lease				
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-7B27	Now - Sale / Lease				
(1) CFM56-3C1	Now - Sale / Lease				
(1) CFM56-7B	Now - Sale/Lease/Exch.	AerFin	R. Rosser		+442921676296
(2) CFM56-5C3/F4	Now - Sale/Lease/Exch.				
(1) CFM56-5B	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werner aero.com	+1-703-402-7430
(1) CFM56-7B	Now - Sale/Lease/Exch.				
(1) CFM56-7B24 (Non-TI)	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
(2) CFM56-7B24/3	Now - Lease				
GEnx Engines	Sale / Lease	Company	Contact	Email	Phone
GEnx-1B74/75	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
JT8D and JT9D Engines	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-219	Now - Sale	Azure Resources	Jeffrey Young	jeff@azureres.com	+1-954-796-8158
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW121 (Dash 8)	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW123B/D/E	Now - Sale / Lease				
(1) PW124B	Now - Sale / Lease				
(1) PW121 (ATR)	Now - Sale / Lease				
(1) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Now - Sale / Lease				
(2) PW121 (ATR)	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	ddesaulniers@willislease.com	+1 415 516 4837
(2) PW121-8	Now - Sale/Lease/Exch.				
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(2) PW127F	Now - Sale/Lease/Exch.				
(2) PW124B	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
(1) PW120A	Now - Sale / Lease	Castl lake	Neil McCrossan	neil.mccrossan@castlake.com	+44-207-190-6119
(1) PW121	Now - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
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				
PW123B	Now - Lease				
PW124B	Now - Lease				
PW125B	Now - Lease				
PW127F	Now - Lease				
PW127M	Now - Lease				
PW150A	Now - Lease				
PW150 GRB	Now - Lease				
PW2000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW2037M	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) PW2040	Now - Sale / Lease				

THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

PW4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) PW4056-1 (multiple) PW4000-112	Now - Sale/Lease/Exch. Now - Sale	GA Telesis	Eddo Weijer S.Jung/K.Milligan	eweijer@gatelesis.com AircraftTrading@gatelesis.com	+1-954-676-3111 +1 954-958-1321
(1) PW4056-3	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW4060-3	Now - Sale / Lease	AeroTurbine	Todd Power	tpower@aeroturbine.com	+1 (214) 240-1145
(1) PW4158-1C/1E (multi rated for PW4156A-1C/1E & PW4152-1C/1E)	Now - Sale	3TOP Aviation Services	Paul Dsilva	Paul@3topaviation.com	+44 1372 587 872
(1) PW4060-3	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(1) PW4168A	Now - Lease				
(1) PW4056-3	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) PW4060-3	Now - Sale / Lease	AerSale. Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) PW4158-3	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) PW4062-3	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) PW4056-3	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) PW4168	Now - Sale	TES Aviation Group	Klaus Broker	klaus.broker@tesaviation.com	+44 1656 765 280
RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-535E4	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) RB211-535E4	Now - Sale / Lease	AerSale. Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) RB211-524	Now - Sale / Lease				
(1) RB211-535E4	Now - Sale	World Star Aviation Services	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(1) Trent 800	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) Trent 884	Now - Sale/Lease/Exch.	AerSale. Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) Trent 772B	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Bobby Janagan	bobby.janagan@rolls-royce.com	+44 20 7227 9078
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) V2533-A5	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
1) V2533-A5 w/QEC	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Bobby Janagan	bobby.janagan@rolls-royce.com	+44 20 7227 9078
(1) V2527E-A5	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) V2533-A5	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@wernerero.com	+1-703-402-7430
(1) V2533-A5	Now - Sale / Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(5) A340 fresh part outs	Now - Sale	TrueAero, LLC	Dan Barton/Dave Walters	sales@trueaero.com	+1 772-925-8026
A320 Landing Gear with Fresh Tags	Now - Sale				
A340 Landing Gear	Now - Sale				
CTCP331-350C (4) PN 3800454-6	Now - Sale				
GTCP36-300A, PN 3800278-4	Now - Sale				
(1) GTCP36-150RJ, (2) GTCP36-100M, (1) APS500C7B, (5) APS500C7D, (1) RE220RJ, (1) APS1000-C12, (1) APS1000-C3	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW901A, (1) PW126 RGB					
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				
APS 2000, PW901A	Now - Sale/Lease/Exchange	AerSale. Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
APU GTCP 331-500B	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
B737-400 main landing gears, with 2015 tags		World Star Aviation Services	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-22000
GTCP131-9B	Now - Sale / Loan	Avtrade	Alex Eales	alex.eales@avtrade.com	+44 (0) 1273 833330
767-300ER 413K LANDING GEAR	Now - Sale	Azure Resources	Jeffrey Young	jeff@azureres.com	+1-954-796-8158
737-300/400 LANDING GEAR					
CFM56-3 MODULES					
Engine Stands		Tradewinds Engine Services	Brad Pleimann	bpleimann@teslic.aero	+1 954-421-2510
CFM56-5B, CFM56-5C, CFM56-7B, V2500	Lease				
CFM56-7B QEC KIT P/N 654A00017141	Sale / Lease				
Engine stands: TRENT 800, CFM56		National Aero Stands		support@stands.aero	+ 1 305-558-8973
V2500 / PW2000 / PW4000 94" & 100"					
GTCP131-9A, GTCP 131-9B	Now - Sale / Lease	Werner Aero Services	Julien Levy	jlevy@Wernerero.com	+1 201-674-9999
GTCP36-300A, 737-800 Winglets	Now - Sale / Lease				
737-700 & 737-800 Landing Gear	Now - Sale / Lease				
737-800 NOSE LANDING GEAR PN 162A1100-5, OH - Now Sale		Reliance Aircraft	Terry Hix	thix@relianceaircraft.com	+1 512-439-6988
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368