

# Weekly Aviation Headline News

## WORLD NEWS

### **TAG Aviation Asia to open Fixed Base Operation in Macau**

TAG Aviation Asia is set to operate a Fixed Base Operation (FBO) at Macau International Airport. The Hong Kong headquartered operator has agreed to a six-year concession agreement with the Macau Airport Authority to provide a full-service facility operation, 24/7, at this International destination. The FBO is scheduled to be operational the fourth quarter of 2018 to commence serving business aircraft.

### **WestJet operates new Halifax-Paris flights on Boeing 737 MAX**

WestJet has connected Atlantic Canada to the City of Light, with its inaugural flight between Halifax Stanfield International Airport (YHZ) and Paris-Charles de Gaulle Airport (CDG) on June 1. "This is a historic day for WestJet as we touch down on the European mainland for the first time," said Tim Croyle, WestJet Interim Executive Vice-President, Commercial. "This new service reinforces our confidence in Atlantic Canada and our ongoing support of Nova Scotia's tourism and economic development objectives outlined in its Atlantic Gateway initiative.

### **Wizz Air deploys first A321 in Skopje**

Wizz Air celebrated the deployment of its first Skopje-based, state-of-the-art Airbus A321 aircraft. The first flight of the brand-new aircraft took off from Skopje Airport to Malmo. Besides the Swedish service, the aircraft will operate the popular Paris, Nuremberg, Friedrichshafen, Frankfurt Hahn, Munich and Rome routes. With 230 seats on board, the Airbus A321, the airline says it is the most efficient single-aisle passenger aircraft.



SIA will receive seven A350-900ULRs.

Photo: SIA

## **SIA prepares for longest flight**

With the start of Singapore to Newark

Singapore Airlines (SIA) is preparing to launch the world's longest commercial flights in October, with non-stop services between Singapore and New York using the new Airbus A350-900ULR (ultra-long-range).

The new services will take off on 11 October 2018, to Newark Liberty International Airport. The route will initially be served three times a week, departing Singapore on Monday, Thursday and Saturday. Daily operations will commence from 18 October after an additional A350-900ULR aircraft enters service.

SIA is the world's first operator of the new A350-900ULR, with seven on firm order from Airbus. The aircraft will be configured in a two-class layout, with 67 Business Class

Singapore Airlines served the Singapore-Newark route until 2013, when services were suspended after the aircraft used at the time, Airbus A340-500s, were returned to Airbus.

**"The flights will offer our customers the fastest way to travel between the two cities."**

*Singapore Airlines' CEO, Mr Goh Choon Phong*

seats and 94 Premium Economy Class seats.

Flights will cover approximately 9,000nm (16,700km), and travelling time will be up to 18hrs 45min.

"Singapore Airlines has always taken pride in pushing the boundaries to provide the best possible travel convenience for our customers, and we are pleased to be leading the way with these new non-stop flights using the latest-technology, ultra-long-range Airbus A350-900ULR," said Singapore Airlines' CEO, Mr Goh Choon Phong.

*Continued on page 3*

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“The flights will offer our customers the fastest way to travel between the two cities – in great comfort, together with Singapore Airlines’ legendary service - and will help boost connectivity to and through the Singapore hub.”

The A350-900ULR features higher ceilings, larger windows, an extra wide body and lighting designed to reduce jetlag. Its carbon composite airframe also allows for improved air quality due to a more optimised cabin altitude and humidity levels.

Singapore Airlines currently has 21 A350-900s in its fleet, with 46 more on order including seven of the ULR variant. The first A350-900ULR is

due for delivery in September, with all seven due for delivery by the end of the year.

Singapore Airlines currently serves New York JFK, daily via Frankfurt. Other US destinations include Houston (five times weekly via Manchester), Los Angeles (daily via Seoul and daily via Tokyo), and San Francisco (daily non-stop from Singapore as well as daily via Hong Kong).

Non-stop Singapore-Los Angeles flights are also planned with the A350-900ULR, details of which will be announced at a later date.

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**Boeing Business Jets grows order book with new sales**

Boeing Business Jets (BBJ) have won four new orders in 2018 the company announced at the European Business Aviation Conference & Exhibition (EBACE). The new orders follow an impressive 2017 in which customers purchased 16 Boeing Business Jets. Two of the new orders this year are for the BBJ MAX airplane, adding to a backlog of 19 airplanes. The BBJ MAX family offers customers more range, comfort and space, and is capable of flying 7,000 nautical miles (12,964 km), and also features a lower cabin altitude and bespoke interiors to match any preference. “The performance advantage of the BBJ MAX is a big sales driver,” said Greg Laxton, leader of Boeing Business Jets. “The airplane is perfectly suited for discerning customers who want to fly further without stopping.” Boeing celebrated the first BBJ MAX 8 flyaway in April 2018. Additional deliveries of BBJ MAX airplanes are expected in the coming months.

**Bombardier sees surge in demand for pre-owned aircraft in Africa**

Bombardier Commercial Aircraft shared an up-

**Royal Brunei takes delivery of its first A320neo**



Royal Brunei Airlines takes delivery of its first A320neo

Photo: Airbus

Royal Brunei Airlines (RBA) has taken delivery of its first A320neo aircraft during an event in Toulouse, France attended by Karam Chand, RBA Chief Executive Officer; Her Excellency Datin Paduka Malai Hajah Halimah binti Malai Haji Yussof, Ambassador of Brunei Darussalam to France; and Eric Schulz, Airbus Chief Commercial Officer. The aircraft is the first of seven A320neos ordered by the airline under its single aisle fleet renewal program. Powered by CFM International LEAP-1A26 engines, the new aircraft features a premium three-class layout with 12 business class seats, 18 economy plus and 120 in the main cabin. The airline will operate the aircraft on its extensive regional network. Royal Brunei has been flying A320 Family aircraft since 2003 and currently operates a fleet of six A320ceo jets.

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date on the African Regional Aircraft market from the African Aviation Finance conference in Johannesburg, South Africa. “As we seek to increase our market share on the continent, we have successfully placed a significant number of pre-owned regional aircraft with more than seven airlines from the region in the last three months,” said Jean-Paul Boutibou, Vice President, Sales, Middle East and Africa, Bombardier Commercial Aircraft. “Our market penetration in Africa is making headway. Our strategy not only further supports our aftermarket revenue stream, we are confident that it will also lead to new aircraft orders in the future.”

**Latest Pre-owned Bombardier Regional Aircraft in Africa**

CemAir became a new operator of the Q400 through the acquisition and the lease of a total of three new and pre-owned Q400 turboprops. Bombardier also welcomed CemAir and Syphax Tunisia to the family of CRJ Series operators through pre-owned aircraft acquisitions. Camair-Co is also joining the Q400 family of operators while putting its first Q400 into service. DAC East Africa from Kenya added two Q200 and one Q400 aircraft. Congo Airways is adding up to two more Q Series units, 748 Air Services in Kenya is adding a Q400 and Q200 to its fleet. Silverstone Airways, a Skyward Express sister company, added two Q300 to its existing fleet of the same type, as well as a CRJ200 LR converted to a freighter aircraft.

**FADEC Alliance to support Next-generation GE Aviation engines**

FADEC Alliance, a joint venture between GE and FADEC International, has broadened its agreement with GE Aviation to include collaboration on system architectures and technologies for future commercial engines. Under the agreement, FADEC Alliance will develop, produce, and support full authority digital engine controls (FADEC) for future GE Aviation commercial engines, furthering the company’s position in the aviation market.

The agreement builds on FADEC Alliance’s current role as the electronic controls supplier for CFM International’s LEAP engine, as well as GE’s Passport, GE9X and ATP engines. This expanded relationship leverages both GE’s experience in engine technology and FADEC International’s experience in designing FADEC systems. FADEC International is a joint venture between BAE Systems Controls and Safran.

**ACJ debuts Harmony cabin concept for VIP widebodies**



ACJ Harmony cabin concept – Entrance

Photo: Airbus

Airbus Corporate Jets (ACJ) has created a new cabin design concept, called Harmony, which combines the comfort and space of a wide-body cabin with the practicality to suit the longest of flights. Harmony seamlessly combines the benefits of Airbus Corporate Jets’ VIP wide-bodies – such as comfort, space and quietness – to produce a consistently harmonious customer experience. It builds on the Airspace cabin brand from the Airbus airliner family. Initially proposed for the new ACJ330neo Family, which features new-generation engines and Sharklets, Harmony can also suit other Airbus wide-bodies, such as the ACJ350 XWB. “Long-haul flights provide time for productive work and socializing, as well as rest, and ACJ’s Harmony cabin concept is wonderfully well designed to enable all of these, while bringing the world within a single flight,” says ACJ President Benoit Defforge. “Harmony is a timeless and elegant design concept, because we dare to break the conventions that are traditionally imposed on us as cabin designers. Our creativity needs to be unique to fit the needs of our customers, as befits a host receiving their guests in their ‘world above the world,’” says ACJ Head of Creative Design Sylvain Mariat.



ACJ Harmony cabin concept- Lounge overview

Photo: Airbus

**Lufthansa Group firms up order for six more A320neo and three A320ceo aircraft**

Lufthansa Group has firmed up a previous option for six further Airbus A320neo, following a decision by the company’s supervisory board at the

beginning of May. The latest agreement brings Lufthansa Group’s total order for the A320neo to 122 (77 A320neos and 45 A321neos.) In addition, the airline signed an order for three more A320ceos, bringing the Group’s A320ceo orders to 273. With a total of 395 A320 Family aircraft

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on order, the Lufthansa Group is also Airbus' biggest A320 operator with nearly 400 A320 Family aircraft in service. Lufthansa was the launch operator of the A320neo.

**Embraer sells four more Legacy 650E Business Jets to Air Hamburg and one Legacy 500 to Centreline**

Embraer has signed a new purchase agreement with Air Hamburg for four more Legacy 650E business jets. The agreement was announced on the opening day of the 18th European Business Aviation Convention and Exhibition (EBACE) in Geneva, Switzerland. With this additional order, the Germany-based business charter operator, which serves European, Russian and Middle Eastern destinations, will expand its Embraer flagship fleet to 17 aircraft (15 Legacy 600/650s and two Phenom 300s). Air Hamburg is the world's largest operator of the Legacy 600/650 aircraft models. The delivery of these aircraft is expected to begin in the second quarter of 2018 and continue at a rate of one per quarter through the first quarter of 2019. The contract has a value of US\$103.6 million based on current list prices and will be included in the company's 2018 second-quarter backlog. Furthermore, Embraer has signed a purchase agreement with Centreline for a pre-owned Legacy 500. UK-based Centreline is a full-service private jet company, which already operates two Legacy 500s. Delivery of this additional order is scheduled for August 2018.

**Avion Express signs leasing agreements for three additional Airbus A320 aircraft**

Avion Express has signed leasing agreements for three additional Airbus A320 aircraft. These three aircraft have recently been added to the fleet of Avion Express, which now comprises 18 Airbus A320 family aircraft. During summer-autumn 2018, all three newly leased-in aircraft will be flying on behalf of Avion Express clients in Europe. With the addition of these three aircraft, Avion Express has completed its fleet expansion for 2018. The current fleet, which is the largest in the history of the company, has been growing consistently over the years back from 2011 when Avion Express started to operate its first Airbus A320 aircraft.

**Safran delivers the 2,000th thrust reverser for the Honeywell HTF7000 engine variants**

Thrust reversers have been designed and manufactured by Safran Nacelles for nearly 20 years at

**Rolls-Royce launches new Pearl engine family**



Rolls-Royce launches new engine family for business aviation – Pearl

Photo: Rolls-Royce

Rolls-Royce has launched a new engine family for business aviation, with the introduction of the Pearl. The engine has been purpose-built and will be the sole engine for Bombardier's latest business jets, the Global 5500 and Global 6500 aircraft. The Pearl 15 is the first of the planned state-of-the-art Pearl engine family for business aviation and marks the sixth new civil aerospace engine introduced by Rolls-Royce in the past ten years. The introduction of this new engine family serves to reaffirm Rolls-Royce's leading position in business aviation. The Pearl engine combines innovative technologies derived from Rolls-Royce's Advance2 technology demonstrator programs with proven features from the Rolls-Royce BR700, today's leading engine family in business aviation. Its pioneering technology, combined with outstanding performance, will support Bombardier's successful Global family of aircraft in reaching new standards in the ultra-long-range corporate jet market. The new engine, which has been developed at Rolls-Royce's Centre of Excellence for Business Aviation engines in Dahlewitz, Germany, has undergone a comprehensive test program and received EASA certification on February 28, 2018. The engine is currently undergoing flight tests at Bombardier's Flight Test Centre in Wichita, Kansas, supporting the planned entry into service at the end of 2019.

its United Kingdom site in Burnley, and have enabled the company to strengthen its position as the leading manufacturer of thrust reversers for business jets. The thrust reversers are produced to a best-in-class quality standard and have been supplied to various customers to serve a number of aircraft and engine variations, including the Bombardier Challenger 300/350, Embraer Legacy 450/500, Gulfstream G280 and Textron Cessna Citation Longitude. The efficiency and quality of production is also increasing over time. The assembly line in Burnley has been re-engineered into a single stepping line to support the four different customer variants of the product, which is also produced without any quality notices. In the past 20 years, more than 3.5 million flight hours have been logged across the different variants, and in March 2018 the Cessna Longitude completed a tour around the world as it approaches certification and entry into service. As well as

producing thrust reversers for the HTF7000 engines, Safran Nacelles also provides business jet nacelles for the Dassault F7X and F8X, Bombardier Global 5000, 6000 and 7000, and Gulfstream G550 aircraft.

**Loom Air takes delivery of first LEAP-1A-powered A320neo**

Zhejiang Loong Airlines has taken delivery of the first LEAP-1A-powered A320neo aircraft from the Airbus Final Assembly facility in Tianjin, China. The airline will be the first in Greater China to operate the advanced-engine/aircraft combination. Loong Air launched the LEAP-1A in China when the airline announced an order for engines to power nine Airbus A320neo aircraft at the Zhuhai Air Show in 2014.

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**Elix Aviation Capital delivers ATR 42-500 MSN 564 to Berjaya Air**

Elix Aviation Capital has confirmed that it has delivered one ATR 42-500 MSN 564, on lease to Berjaya Air of Malaysia. This is the first delivery by Elix to Berjaya. With this new customer, Elix continues to develop its global footprint for turboprop leasing services.

**Aventure Aviation acquires additional Boeing 757 to dismantle for parts**

Aventure Aviation has acquired for teardown a complete Boeing 757-200, MSN 25436, equipped with heavyweight landing gear with green time. The dismantling will commence next week in Goodyear, Arizona, USA. This specific former VIM Airlines aircraft was selected over other short-listed 757s for its condition, age, and low times and cycles. An additional GTCP331-200ER APU and other spares were also included in the acquisition. All harvested parts will be inspected on site, and shipped from Arizona to Aventure's main facilities in Peachtree City, Georgia, USA, located near Atlanta's Hartsfield-Jackson International Airport. Once refurbished, the harvested parts will soon be available to end users on an exchange as well as outright basis. Aventure is also presently considering the acquisition of several other Airbus and Boeing aircraft, focusing on end-of-life aircraft for dismantling purposes.

**Rolls-Royce – new inspection technique and tripled capacity to fix Trent 1000 troubles**

Rolls-Royce has confirmed that on top of additional maintenance facilities the company is increasing its workforce in order to triple its capabilities to deal with current Trent 1000 engine problems which have currently grounded a number of Boeing Dreamliners, worldwide. The principal problem lies with the compressor in the Trent 1000 Package C engines which has required inspections and the grounding of 787 Dreamliners as it has not lasted as long as anticipated. The result has seen a number of complaints from Dreamliner customers who have been forced to lease alternative planes to cope with seasonal demand, the result of which has put undue pressure on Rolls-Royce to speed up inspections. In an attempt to improve efficiency, Rolls-Royce has developed a new compressor inspection technique which does not involve the removal of each engine from the wing, with the intention of meeting the safety regulator's deadline of June 9 for all initial inspections. Currently about 30 aircraft are being grounded at any one time, though as inspection numbers peak, this is anticipated to reach 50. Airlines affected include British Airways,

**Bombardier unveils two new longer-range business jet variants in Geneva**



Bombardier's new Global 6500 business jet unveiled at EBACE in Geneva

Photo: Bombardier

Bombardier, the plane and train manufacturer has chosen the European Business Aviation Convention and Exhibition (EBACE2018), in Geneva, Switzerland to unveil two longer-range variants of its successful Global business jets. David Coleal, President, Bombardier Business Aircraft commented that: "Bombardier's two newest Global aircraft are the result of our unrelenting commitment to innovation, excellence and most of all, our desire to deliver unmatched capabilities to our customers. This next generation of performance stems from the winning DNA of our Global family of aircraft, now further enhanced through a newly optimized wing, a fully reimagined cabin and new, purpose-built engines." According to Bombardier: "The Global 5500 and Global 6500 aircraft add to the industry's best large-category family, joining the high-performing Global 5000 and Global 6000 aircraft, and the unparalleled Global 7000 aircraft. These new aircraft build on the success of the Global 5000 and Global 6000 aircraft by offering 500 and 600 nautical miles of additional range, respectively, coupled with an up to 13-per-cent fuel burn advantage, contributing to highly favorable operating costs versus smaller competing aircraft with less range." Purpose-built Rolls-Royce Pearl engines and a new wing make the Global 5500 and Global 6500 aircraft cleaner and more efficient, so the Global 5500 aircraft can connect Sao Paulo and Paris, and Moscow and Los Angeles, while the Global 6500 aircraft can connect Hong Kong or Singapore and London, and Toluca and Madrid. Bombardier has also revealed that the Global 5500 and Global 6500 aircraft will be fitted out with the patented Nuage seat, which Bombardier says is the "first new seating architecture in business aviation in more than 30 years." The Nuage seat is designed with long flights in mind. The Global 5500 and Global 6500 aircraft are anticipated to enter service by the end of 2019.

Virgin Atlantic and Air New Zealand. According to a company spokesperson, the company is: "drawing on resource from across Rolls-Royce and have redeployed engineers and other experts to address the issue, growing the team by more than 200 people." Rolls-Royce has advised that the cash hit from the Trent problems should hit a peak of £340M (US\$452M) in 2018, though this will fall in 2019. The company anticipates that the cost of the extra inspections will be covered by cutting discretionary spending elsewhere. Roughly 380 of the affected engines are in service, of which one-third of these require some form of repair work and which can take weeks, according to media reports. Currently, engines that are given the all clear are subject to further checks under safety rules which only allow the engines to be flown a certain number of times before repeat inspections are required.

**MRO & PRODUCTION NEWS**

**LHT signs first customer for innovative radome**

Lufthansa Technik AG has signed a contract with an undisclosed customer concerning development and delivery of its new TIOS+ radome (Three-In-One-Solution). The customer, a renowned completion center for VIP aircraft, is the first buyer for the new radome technology. The radome will be installed on a Boeing 737 MAX 8. TIOS+ is a product of Original Equipment Innovation (OEI), Lufthansa Technik's product division dedicated to the development and manufacture for innovative products. The customer will receive the first shipset of TIOS+ by the end of 2018. TIOS+ is a triple Band (L, Ku, Ka) elegant and fuel-efficient tail mount solution for the 737 family. Nearly 20 years after the introduc-

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tion of the popular TIOS (Two-In-One-Solution) radome, Lufthansa Technik has been able to advance the system for use with Ka-band installations. Within only six months, Lufthansa Technik developed this product and established an in-house manufacturing setup in Hamburg. The future development aims at the adaption of TIOS+ to the Boeing 737 MAX 7 and 737 MAX 9 aircraft types.

**Falcon Aviation plans opening of new Dubai DWC Base Maintenance Hangar facility**

Falcon Aviation, UAE’s business aviation services, charter, MRO and aircraft management company, returns to Europe’s premier business aviation show, EBACE, in Geneva this month (May 29-31) to highlight its new business jet MRO facility at its Dubai South, DWC, Al Maktoum International Airport. Falcon Aviation’s new facility is built on a total 24,000 m<sup>2</sup> plot size capable of accommodating up to four Boeing BBJ / Airbus ACJ-sized narrow-bodied aircraft for base maintenance. It includes workshops, interior solutions, a wash bay and landside office space, plus 13,000 m<sup>2</sup> of apron. Falcon Aviation supports its own and managed fleet of business jets and helicopters at its Al Bateen Executive Abu Dhabi Airport facilities, though its new Dubai base has been built primarily for third-party customers. Falcon Aviation is already talking with existing and prospective customers to grow its MRO business. Falcon Aviation’s new facility, which has been in construction for 12 months, is pivotal to its overall long-term strategy to bring a ‘one-stop MRO shop’ to the region. It has committed to building the necessary infrastructure to support the region’s growing business aviation market – with an FBO, Heliport (running under Falcon’s AOC), Line Maintenance - and now Base Maintenance and Technical services.

**Jet Flight Service opens new maintenance service center in Riga**

With its headquarters in Moscow, Jet Flight Service has opened a new maintenance service center in Riga which belongs to its strategic plan of developing its maintenance and engineering services to international clients. The new maintenance facility will provide Line Maintenance Services and Base Maintenance Services for Embraer aircraft (Legacy 450/500/600/650) and Gulfstream aircraft (G350/450/550/650). Jet Flight Service has appointed Frantisek Budin to the position of Base Maintenance Manager of its new maintenance facility in Riga. Budin joins the company with immediate effect; his extensive skills in aircraft maintenance and experience of working with Embraer aircraft makes him a perfect match with Jet Flight Service.

**Massive boost for Bombardier C Series with air Baltic order for up to 60 jets**



Air Baltic orders up to 60 Bombardier C Series jets

Photo: Bombardier

Bombardier Commercial Aircraft and Air Baltic Corporation have jointly confirmed the Latvian low-cost carrier’s firm order for 30 CS300 aircraft, with option and purchase rights for a further 30 of the same type of jet. Based on list prices, the firm order stands at a value of US\$2.9 billion, rising to US\$5.9 billion with the exercising of all options and purchase rights. This takes air Baltic’s firm orders for the C Series jet to 50, making it Europe’s largest customer for the jet, and the second-largest worldwide. The acquisition of the C Series planes is connected to the carrier expanding operations from all three Baltic countries of Latvia, Estonia and Lithuania under its Destination 2025 expansion plan. Deliveries pertaining to this new order are scheduled to commence in the fourth quarter of 2019. The airBaltic fleet consists of 31 aircraft – 8 Bombardier CS300, 11 Boeing 737 and 12 Bombardier Q400 aircraft – with the carrier connecting the Baltic region with 70 destinations in Europe, the Middle East, and the CIS.

**F/LIST opens new Canadian-facility and signs partnership agreement with Lufthansa Technik**

This year’s EBACE takes place just two weeks after F/LIST officially opened F. LIST CANADA CORP., its new production facility in the Montreal aerospace cluster. It provides high-quality wood veneers for business and executive jet interiors, finishing and assembling of interior components, refurbishment of interiors, and product and customer support for the entire North American market. The facility also houses a showroom and a veneer selection area as part of its designation as F/LIST’s Veneer Competence Centre for flame-retardant wood veneers, key components of its interior finishing business. In addition, F/LIST has announced a new sales partnership with Lufthansa Technik: as of now, F/LIST distributes Lufthansa Technik’s nice HD system for the aftermarket business. Currently, the nice HD system is available for the Bombardier Challenger, Bombardier Global and Gulfstream G450/G550 platforms.

**K5 Aviation signs service contract with Lufthansa Technik**

German-based VIP charter company K5 Aviation has contracted Lufthansa Technik to provide worldwide technical support for its VIP long-haul fleet. K5 Aviation is a worldwide operating company with bases in Europe, Russia and the USA and has a mixed Airbus / Bombardier fleet. Lufthansa Technik offers the corresponding services especially for operators of VIP and business jets via its product “Airside Assistance”. As the core of “Airside Assistance”, Lufthansa Technik offers access to its pool of highly qualified engineers and mechanics, and worldwide material supply through the company’s global logistics network. The services also include immediate support in the event of a technical problem where the aircraft has to stay on the ground (AOG). Additional support services for the maintenance and operation of VIP aircraft complement these basic services if required, including maintenance management, CAMO (Continuing Airworthiness Management Organization) support or airworthi-

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ness review, refurbishment and modernization of cabin facilities, coordination with authorities and maintenance of engines and components. “Lufthansa Technik’s global presence is of great importance to K5 Aviation as our aircraft are deployed worldwide,” said Erik Scheidt, director of K5 Aviation. “An international maintenance network is essential for the reliability and readiness of our fleet at all times. At Lufthansa Technik we can rely on the same high quality worldwide as at our home base.”

**Jet Aviation signs Boeing 787 completions contract**

Jet Aviation has signed another Boeing 787 completions contract. In 2015, Jet Aviation was the first company to take delivery of a B787-9 for interior completions. Since 2013, Jet Aviation has dedicated significant research and development into carbon fiber aircraft such as the B787 to ensure it can offer customers world-leading expertise and equipment specifically formulated for the demands of a composite airframe. With innovative proprietary technology, Jet Aviation can integrate a cabin onto a B787 without modifying the fuselage, avoiding time-consuming and costly repairs. Jet Aviation has completed 28 Boeing aircraft since 1998.

**TAG Aviation Geneva becomes Authorised Service Facility network for all Bombardier business aircraft**

TAG Aviation Geneva’s current status as an Authorised Service Facility (ASF) for Bombardier Learjet and Challenger aircraft has been extended to also include Global business jets. The centre is now able to provide line maintenance services for Global Express, Global Express XRS and Global 5000 aircraft, as well as Global 5000 and Global 6000 aircraft equipped with the Bombardier Vision flight deck. This new capability strengthens TAG Geneva’s service offering for the Bombardier product line and complements the wide range of high quality maintenance service facilities already available at TAG’s other maintenance bases in Le Bourget and at Farnborough Airport, which have been Bombardier ASFs since 2013 and 2006, respectively.

**SR Technics expands its line maintenance capabilities in the United Kingdom**

MRO service provider SR Technics has expanded its line maintenance capabilities at its line stations in the United Kingdom to support the latest Airbus A330neo and Airbus A350 types. SR Technics line stations at Belfast, Bristol, Edinburgh, Glasgow, London-Gatwick, London-Heathrow, London-Stansted and Manchester, have now been joined

**Jet Aviation gains authorization from Airbus for ACJ350 XWB completions in Basel**



Jet Aviation gains authorization from Airbus for ACJ350 XWB completions in Basel

Photo: Jet Aviation

Jet Aviation’s Completions Center in Basel has received approval from Airbus Corporate Jets for the ACJ350 XWB. The Completions Center has a long history of partnership with Airbus Corporate Jets. Jet Aviation has delivered 23 VIP Airbus cabins since 2000. As the latest addition to Airbus’ family of VIP wide-body corporate jets, the ACJ350 XWB approval reflects the history of technological innovation at Jet Aviation’s Completions Center and is an important step enabling the company to support owners and operators of the Airbus ACJ350. The facility in Basel is one of the leading wide-body aircraft completions centers. It has successfully delivered 23 VIP Airbus cabins since 2000, from the ACJ319 to the ACJ340-600. In particular, the Center specializes in new-generation composite aircraft such as the Airbus ACJ350 XWB. With the help of Airbus’ proprietary Easyfit concept, Jet Aviation’s Completion Center in Basel can integrate a cabin without the need for complex and costly airframe modifications.

**TAG Farnborough Airport selected as location for new Gulfstream Aerospace Corp. UK Service Centre**



from left to right: Gulfstream Mark Burns and TAG Group Mansour Ojjeh

Photo: TAG Farnborough Airport

European business aviation airport, TAG Farnborough Airport, has been chosen as the location for Gulfstream Aerospace Corporation’s London Area Service Centre with a state-of-the-art, purpose-built facility expected to be operational by the third quarter of 2020. The new maintenance, repair and overhaul (MRO) facility will include office space, customer areas, shop space and a hangar able to accommodate up to 13 large-cabin aircraft. Significant ramp space will also be included, along with a car parking area. The entire facility is projected to cover approximately 180,000-220,000ft<sup>2</sup> (16,723-20,439 m<sup>2</sup>). “We chose TAG Farnborough Airport because it is a London gateway airport dedicated exclusively to business aviation. Frequented by many of our operators, it offers amenities that complement our brand, with the space required for our current construction plans and future growth,” said Derek Zimmerman, President, Gulfstream Product Support. “In the last six months, we’ve announced several new MRO facilities and expansions, including Van Nuys, California; Appleton, Wisconsin; Savannah, Georgia, and now the United Kingdom. The growth of the Gulfstream fleet and increased size of our aircraft are driving the need for continued growth and additional capacity in our service centre network.”

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by East Midlands Airport, further expanding the MRO's portfolio to meet customer's flight network. Jakob Straub, Head of Aircraft Services and Line Maintenance at SR Technics said: "The new station at East Midlands allows us to grow and diversify our service offering, coupled with the addition of the very latest Airbus models to continue to offer industry-leading delivery levels and aligning our services to the demands of our valued customers."

**ST Aerospace secures first ACJ maintenance contract at San Antonio facility**

ST Aerospace's VIP Completion arm, AERIA Luxury Interiors (AERIA) secured its first Airbus Corporate Jet (ACJ) customer when it was awarded a 12-year maintenance support contract for an A319. Under the agreement, AERIA will carry out heavy maintenance works that include interior and auxiliary fuel tank removal/replacement. While AERIA has built up a strong record since 2014 in servicing and performing VIP modification and completion on Boeing platforms, the A319 is the first ACJ that the company is supporting at its facility located in San Antonio, Texas, USA. This milestone project allows AERIA to showcase its capability and knowledge base in Airbus platforms to potential ACJ customers looking for customized VIP interior solutions.

**Newbow Aerospace and Oakenhurst Aircraft Services signs cooperation agreement**

Newbow Aerospace, a leading design, manufacturer and supplier of Ground Support Equipment to the aviation industry, has signed a strategic cooperation agreement with Oakenhurst Aircraft Services to market and distribute the SealVac® range of fuel bowser ground support equipment. Oakenhurst, an FAA, TCCA and EASA 145 & 21 approved MRO, are official distributors for Spokane Industries SealVac System and under the terms of this agreement, Newbow Aerospace will market and promote the range of Sealvac equipment into its existing customer portfolio spanning more than 250 global airlines, as well as new customer opportunities. The SealVac Vacuum Fuel Drain Bowser safely reduces fuel draining and depuddling times

**ReTrolley by Iacobucci HF Aerospace and Airbus plots new route for "green" market**

Presorting garbage during the flight to separate recyclables from waste and from liquids with the maximum ease of use is now possible. It happens thanks to the ReTrolley, a new system for on-board recycling developed by Iacobucci HF Aerospace. The Italian manufacturer has crafted the device from a concept conceived by Airbus. The ReTrolley combines the simplicity of a standard cabin service trolley (both in half-size and full-size) with the possibility for the cabin crew members to handle different containers with peculiar designs for each kind of waste: paper, plastic, cans, with a dedicated liquids disposal bin and a specific area for stacking cups that contribute to make the presorting effective. The ReTrolley debuted in April at the 2018 edition of the Aircraft Interiors Expo. As a disruptive innovation meant to address the fast growing "green" market, it represents the right answer to all the airlines that are trying to reduce the costs of waste management and, at the same time, meet the expectations of the customers, who demand a more sustainable, environment-friendly experience even when flying.



Iacobucci HF Aerospace ReTrolley

Photo: Iacobucci HF Aerospace

from hours to minutes so aircraft maintenance can proceed without delay. The long-term benefits to both the airlines and maintenance service providers are maximizing fuel handling safety by significantly reducing human contact with fuel.

**TAG Aviation to create Maintenance Control Centre in Portugal**

TAG Aviation is creating a Maintenance Control Centre (MCC) at Lisbon/Cascais (LPCS) Aerodrome

from June 2018. This will enhance TAG Aviation's current Mobile Repair Team (MRT) operations, with maintenance services support now available from eight locations throughout Europe. The MCC will simplify the centralized handling of all AOGs and MRT requests, with one Customer Services contact number, available 24/7, to request assistance from TAG's highly-trained technicians. TAG's dedicated maintenance services teams will be able to swiftly respond to clients' requests, even at short notice, and can be dispatched from any one of its locations. "One central contact number



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## MRO & PRODUCTION NEWS

empowers our maintenance services teams to be able to respond very speedily to our clients' needs across the full range of maintenance service capabilities we operate, minimizing downtime, and further supporting our on-going commitment to maximize the efficiency of our clients' operations", said Franck Madignier, President Maintenance and FBO Services, TAG Aviation Europe. TAG Aviation has approved MRO maintenance centers right across Europe, including Geneva, Sion, Paris, Lisbon, Farnborough, Clermont Ferrand as well as Lomé (Togo), Hong Kong in Asia and recently opened line stations in Luanda in Angola and in Sheremetyevo in Moscow. TAG Maintenance services is approved by all main aircraft manufacturers and certified to undertake work on over sixty aircraft types.

### Monarch Aircraft Engineering and Thomas Cook Airlines launch line maintenance partnership

MRO-provider Monarch Aircraft Engineering (MAEL) and Thomas Cook Aircraft Engineering have signed a landmark agreement where MAEL will handle elements of Thomas Cook Airlines' line maintenance across the UK. Thomas Cook Airlines' line maintenance has been transferred to MAEL at five UK airports – Gatwick, Birmingham, Glasgow, Newcastle and East Midlands. As part of this, line maintenance engineers working for Thomas Cook Airlines at those locations have transferred across to MAEL. MAEL has a well-established line maintenance operation, with permanent year-round stations at ten airports across the UK and mainland Europe, where it provides line maintenance support including all levels of maintenance on Airbus, Boeing, Embraer and Bombardier aircraft types.

### Acropolis Aviation confirms IFE partner on new ACJ320neo

At EBACE, Geneva, Acropolis Aviation, the Farnborough Airport, UK-based VVIP charter operator, confirmed its engagement with Rockwell Collins on its brand-new Airbus ACJ320 – which entered production at Airbus' Toulouse facility this month. Acropolis is due to receive the first ACJ320 during the fourth quarter of 2019. The aircraft is due to be delivered green by Airbus to Acropolis' chosen outfitter, AMAC Aerospace before year end. AMAC will be installing a new Alberto Pinto cabin at its Basel, Switzerland facilities. Acropolis, via AMAC Aerospace of Switzerland, has specified Rockwell Collins as cabin management system provider for the ACJ320. Acropolis is specifying Rockwell Collins' high-definition Venue cabin management and entertainment system - Stage on demand, the Airshow® Moving Map, and the company's innovative Viet LED interior lighting system. According

to Acropolis CEO Jonathan Bousfield, the decision to remain loyal to Rockwell Collins builds on a successful relationship which first began with the introduction of Skybox IFE in 2015, through to the upgrade to Stage aboard G-NOAH earlier this year.

### ST Engineering adopts masterbrand for its subsidiaries

ST Engineering is undertaking a group-wide branding exercise to firstly adopt a single brand approach by harmonizing all its corporate brands by using "ST Engineering" as a masterbrand, and secondly to align the nomenclature of its subsidiaries' company legal names with that of "ST Engineering". The brand harmonization and alignment of company legal names will take effect from June 1, 2018 in a phased approach. The brand harmonization will help drive higher brand visibility and position the Group for greater commercial impact and marketing presence as it expands into new global markets and industry segments. The brand harmonization will first cover ST Engineering subsidiaries in Singapore and all its global subsidiaries in the Aerospace sector, followed by other overseas companies. The corporate brands of ST Aerospace, ST Electronics, ST Kinetics and ST Marine will be dropped as they take on the masterbrand with sector descriptors of Aerospace, Electronics, Land Systems, and Marine respectively. On the company legal name change, the holding companies of these four business sectors will be the first to adopt "ST Engineering" into their existing company legal names. The alignment of the company legal names of other local and overseas subsidiaries with the ST Engineering brand will be done progressively from June 1, 2018 onwards.

### Air France Industries KLM Engineering & Maintenance signs components contract with Spring Airlines

Spring Airlines, China's leading low-cost airline, has signed a long-term contract with AFI KLM E&M for the exclusive support of many of the components in its A320 fleet. The contract on a power by the hour (PBH) basis covers many references, mainly in the avionics field. In order to optimize Spring Airlines' operations, which currently has 78 A320s in its fleet, repairs will be carried out in "closed loop" mode by the specialized subsidiary AFI KLM E&M Components China in its Shanghai workshop, close to Spring Airlines' bases at the two Shanghai's airports.

### Magnetic MRO becomes mobile FAA station

Magnetic MRO has strengthened its FAA repair station capabilities by gaining IA (Inspection Authorization) rights. Following upon Magnetic MRO's strategic expansion into the aviation asset management area and global market expansion

to US and Asia, the company has confidently marched towards tactical investments to solidify its planned growth. As an FAA IA holder, the Magnetic MRO team is able to determine airworthiness by inspecting repairs and alterations offsite, as well as approving for return-to-service concerning any "N" registered aircraft in addition to corresponding parts and appliances according to 14 CFR part 43.

### Spairliners continues Integrated Component Care services for 15 Embraer E-Jets

Spairliners GmbH and Kenya Airways have extended their existing Integrated Component Care contract covering full component support for 15 E-Jet aircraft of the leading African airline. With this further long-term prolongation, effective from April 2018, the contracted services have been enhanced by an on-site customer representative based in Nairobi and Line Maintenance Training for Kenya Airways' aircraft mechanics. Kenya Airways' E-Jet fleet will be supplied from Spairliners' component pool and logistic centers located in Paris and Munich. Additionally, an optimized on-site stock will be provided at Kenya Airways' premises for their proprietary use.

### Boeing and Turkish Technic announce Global Fleet Care supplier agreement

Boeing and Turkish Technic, the maintenance, repair and overhaul (MRO) arm of Turkish Airlines, have announced a Global Fleet Care supplier agreement. Turkish Technic is now a strategic Boeing supplier for line maintenance, heavy maintenance of airplanes, component service and repair. Boeing and Turkish Technic will collaborate together in the training and certification of technicians from different parts of the world. Last year, Boeing and the Turkish Government announced the Boeing Turkey National Aerospace Initiative. This supports the growth of the Turkish aerospace industry. Its targets were set by Turkey's Vision 2023, designed to celebrate the 100th anniversary of the Turkish Republic. The initiative aligns Boeing investment and programs with the Turkish Government, Turkish airlines, aerospace service companies and industry suppliers in the areas of research, engineering and skills development. "Turkey is one of Boeing's top strategic growth countries, and we see a strong potential in aviation services and maintenance in Turkey," said Marc Allen, President of Boeing International. "Positioning Turkey as a global player in aviation services is one of the key elements of the Boeing Turkey National Aerospace Initiative. With this agreement, we are taking our successful collaboration with Turkish Technic one step further in a manner that aligns to the growth of Boeing and Turkey."

**FINANCIAL NEWS**

**IAI's first-quarter net income down 76% from last year**

Israel Aerospace Industries (IAI), Israel's largest national military and civilian security defense company, has issued its consolidated financial statements for the three months ended March 31, 2018. The Company's sales in Q1 2018 amounted to US\$883 million compared with US\$837 million in Q1 2017, an increase of 5.5%. Operating income in Q1 2018 amounted to US\$34 million (3.8% of sales) compared with US\$44 million in Q1 2017 (5.3% of sales). This decrease can be explained by the increase in R&D expenses and in general and administrative expenses compared with the corresponding quarter of last year. EBITDA in Q1 2018 amounted to US\$75 million compared with US\$72 million in Q1 2017. Net financial expenses in Q1 2018 amounted to approximately US\$17 million compared with US\$7 million in Q1 2017. The increase in net financial expenses compared to the corresponding quarter of last year is mainly a result of exchange rate valuation losses due to the erosion of NIS asset balances and the ineffective portion of foreign exchange hedges in view of the appreciation of the US\$ exchange rate in relation to the NIS by about 1.4% in the first quarter of 2018 as opposed to a depreciation of 5.5% in the corresponding quarter of last year. Net income in Q1 2018 totaled US\$11 million (1.2% of sales) compared with net income of US\$46 million in Q1 2017 (5.5% of sales). The decrease in net income mainly arises from the decrease in operating income and the increase in financial expenses and in tax expenses. The order backlog at the end of Q1 2018 amounted to US\$12 billion compared to US\$11.2 billion at the end of 2017. 76% of the order backlog is held for sale to foreign customers with wide geographical dispersion. The order backlog is comprised of a wide variety of products and secures 3.2 years of operation.

**DAE signs agreements to sell aircraft valued at US\$900 million**

Dubai Aerospace Enterprise (DAE) has announced that its leasing division DAE Capital has signed three agreements to sell 16 aircraft with a total market value of approximately US\$900 million. The aircraft covered by these agreements include the Boeing 737 and Airbus A320, A330, and A350 family aircraft, have an average age of two years, and are currently on lease to 11 airlines in 11 countries. Firoz Tarapore, Chief Executive Officer of DAE commented "This divestment activity will help us optimize our portfolio composition and monetize some of our recent larger-scale investments. This transaction does not impact our total number of customers. Proceeds

will be used to pay down debt and reinvested to support our ambitious growth plans. Proactively managing our portfolio through active trading is a critical component of our long-term portfolio strategy and it is important for us to remain relevant in all segments of the secondary market for aircraft sales." These agreements are expected to close in the second half of 2018.

**Ryanair to increase holding in Laudamotion to 75% before full buy-out**

Irish low-cost carrier Ryanair has confirmed its intention to raise its initial 24.9 percent stake in the Austrian carrier Laudamotion to 75 percent as soon as possible, subject to European regulatory approval. In addition, Laudamotion and Ryanair have agreed an option that will allow the Irish carrier to buy the remainder, allowing it to take full ownership in four years.

With Austria becoming a rapidly expanding hub for Eastern Europe destinations, this move will see Ryanair secure a much-desired foothold. To help Laudamotion cope with a recent rise in oil prices and become profitable, Ryanair has also confirmed a further investment in the Austrian carrier with an injection of €20 million (US\$23.4 million), taking its overall investment to €120 million (US\$140 million). This Saturday Laudamotion will commence flights from Vienna, having begun with flights from Germany in March and Switzerland in April. While the intention is to have four planes stationed in Vienna during the summer, this number should double for the winter season. Ryanair has confirmed that its longer-term plans are to build up a base of 50 planes in the Austrian capital. Currently, Lufthansa has 90 aircraft stationed in Vienna, while at its peak, and prior to its demise, Niki (now rebranded as Laudamotion), the subsidiary of Air Berlin, had 21 aircraft stationed there.

**OTHER NEWS**

The **International Air Transport Association (IATA)** announced global passenger traffic data for April 2018 showing that demand (revenue passenger kilometers or RPKs) rose by 6.2% compared to April 2017, which was down from a 12-month high of 9.7% in March. Comparisons with the year-ago period are impacted by developments a year ago – including the comparatively late timing of Easter in 2017, which boosted April traffic. April capacity (available seat kilometers or ASKs) increased by 5.9%, and load factor climbed 0.2 percentage points to 82.3%, which was a record for the month of April, surpassing last year's record of 82.1%.

**Pratt & Whitney Canada (P&WC)** has achieved Supplemental Type Certification (STC) for its FAST™ prognostics solution on the single-engine Pilatus

PC-12 47E NG aircraft powered by the PT6A-67P. The FAST solution captures and analyzes full-flight engine and aircraft data, enabling high visibility on a multitude of key operating parameters within 15 minutes of the pilot shutting down the engine, which can be used to optimize maintenance planning and operations and further increase aircraft availability. PlaneSense, a leading fractional aircraft ownership program, will launch the FAST solution on its fleet of PC-12 NG aircraft. In addition to the PC-12 NG, the FAST solution is certified on the Beechcraft King Air 200/300 series, Textron Aviation's Cessna Caravan 208/208B, as well as Air Tractor platforms.

**P&WC** continues to invest in new FAST certifications, including in the development of an STC for the PC-12 45 and 47 series of aircraft to help meet the growing demand for advanced digital engine health management among 7,000 PT6A operators.

**BAA Training** is expanding its flight base network. The BAA Training Ab Initio School, currently handling more than 200 students, and having three aerodromes to conduct flight training, signed a Memorandum of Understanding with – Lleida-Alguaire International Airport in Spain. Since 2016 and actively working in partnership with Wizz Air, SmartLynx, Small Planet Airlines, Avion Express, Lao Skyway airlines and BayViet, aviation school BAA Training provides the aviation community with cadet training solutions. At the moment Ab Initio School has 218 students from more 50 different countries. Their training is being conducted at three different Lithuanian aerodromes with the school fleet consisting of 17 Tecnam and Cessna aircraft. As the preparation for operations at Lleida-Alguaire International Airport is underway, BAA Training is set to run yearly flight operations starting from October 1, 2018. Based on BAA Training calculations, such flight training adjustments will help to reduce the length of the ATPL training program by at least two-to-three months. Furthermore, the establishment of a new flight base creates additional workplaces – the company estimates it will need to fill in up to 25 positions for instructors, mechanics and administration staff.

**IFS**, the global enterprise applications company, has announced that the **TEST-FUCHS Group**, a leading manufacturer of test systems and components for the aerospace and defense (A&D) industry, is one of the first A&D customers to select the recently launched IFS Applications™ 10 as its global Enterprise Resource Planning (ERP) and Maintenance Repair & Overhaul (MRO) solution. Headquartered in Austria, TEST-FUCHS selected IFS because of its industry-specific capabilities, completeness of the solution, and its long-term aerospace and defense industry experience. TEST-FUCHS will roll out IFS Applications 10 across Austria, Germany, Italy, France, UK, USA, Singapore, and China to support its global mechanical engineering and mainte-

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The International Air Transport Association (IATA) announced global passenger traffic data for April 2018

- **Asia Pacific carriers** posted an 8.5% traffic rise in April, strongest among the regions. It was the first time since December 2017 that Asia-Pacific airlines led in growth. Capacity rose 7.6% and load factor improved 0.6 percentage points to 81.0%.
- **European airlines'** April traffic increased 3.4% compared to the year-ago period. While this was down compared to the 9.8% year-over-year growth recorded in March, demand picked up in April in seasonally-adjusted terms. Capacity rose 4.0%. While load factor dipped 0.5 percentage points to 84.6%, it still was highest among the regions.
- **North American airlines** posted a 0.9% demand increase compared to April a year ago, which was sharply down compared to the 9.5% growth experienced in March. Capacity climbed 2.4%, and load factor fell 1.2 percentage points to 80.7%.
- **Middle East carriers** saw demand rise 4.1% in April. Capacity climbed 3.2% and load factor rose 0.7 percentage points to 77.2%.
- **African airlines** had a 5.1% traffic increase in April. Capacity rose 4.6%, and load factor edged up 0.4 percentage points to 72.8%.
- **Latin American airlines** experienced a 6.4% rise in April demand compared to the same month last year. Capacity rose 7.5% and load factor slipped 0.8 percentage points to 81.4%.

**OTHER NEWS**

nance operations, which serve some of the world's major aircraft manufacturers, airlines, OEMs and MROs, including Airbus, Boeing, Air France, British Airways, Emirates, Singapore Airlines, Sikorsky, and Embraer. IFS Applications 10 has been designed to help companies connect their business to a digital backbone and capitalize on disruptive technologies, processes, and business models such as automation, connected devices, and servitization. The implementation at TEST-FUCHS will cover preventive maintenance, fleet & asset management, component MRO, manufacturing, human resources, financials, supply chain, CRM, service management, document management, quality management, and quality assurance. In addition to the new deployment, TEST-FUCHS will enter into a long-term strategic partnership with IFS to help organizations in the aerospace and defense sector react to industry changes by implementing IFS Applications.

**Aerkomm** has reported that through its wholly owned subsidiary, **Aircom Pacific** (Aircom Pacific), it has begun developing a new and innovative Ka-band solution for the provision of broadband voice and high-speed Internet access for passengers in Airbus ACJ319s, ACJ320s and ACJ321s – as well as Airbus' airline commercial aircraft equivalents. Called Aerkomm K++, the solution will offer a broadband rate of 20 Megabits/sec experience per passenger. It combines Aircom Pacific equipment – based on a low-profile antenna – with a retrofit installation designed and implemented by Airbus to EASA and FAA certification standard, which will also be validated by China CAAC. Aerkomm K++ will provide worldwide coverage including, specifically, within China for Chinese registered aircraft. "Staying connected has become a necessity of private jet passengers and, in our increasingly connected and digital world, it is something which more and more of us need, and to which we all increasingly aspire," says Aircom Pacific's COO Louis Giordimaina.

Continuing with its growth in the German market, **Finnair** will be launching a new route to Hanover, Germany, next summer. The new route will start on April 29, with five weekly frequencies and will become a daily and year-round frequency as of June 1, 2019. Hanover is one of Northern Germany's largest cities and hosts several important fair and trade events throughout the calendar year. Hanover will be Finnair's seventh destination in Germany, the carrier already flying year-round to Berlin, Dusseldorf, Frankfurt, Hamburg, Munich and Stuttgart. Additional capacity is also being added for the 2019 summer season on some popular European routes. Finnair will add four weekly frequencies to Barcelona from the beginning of June until the end of the summer season, while an additional frequency will be added to Reykjavik, making it a daily destination for the entire summer season. Additional daily frequency will be added to Warsaw on both Saturdays and Sundays. Finnair is also adding capacity on its Helsinki-Dubai route for the upcoming winter 2018 season. One weekly frequency will be added, which means Finnair will now fly seven weekly frequencies to Dubai. In addition, two of the weekly frequencies will now be operated with an A350, instead of a narrow-body aircraft.

**AIEC Switzerland's** program to install a Universal Avionics (UA) AHS-525 Attitude Heading Reference System (AHRS) on at least two Learjet 35 aircraft is now underway. The engineering firm will perform the installation and EASA/FAA Supplemental Type Certificate (STC) at the operator's base in North Germany. The AHS-525 contains multiple-rate gyros to measure angular aircraft motion in the pitch, roll and yaw axes, and several accelerometers to measure aircraft linear motion along the longitudinal, lateral and vertical axes of the aircraft. This enhanced functionality allows a single AHS-525 to replace multiple Line Replaceable Units (LRU) found in a typical aircraft installation that would be performing the same functions. As a result, there is a reduction in the LRU footprint, weight, wiring and power requirements. The unit is 7.5 pounds (3.4 kilograms), including the fixed mounting plate,

which provides for more efficient serviceability whereby the aircraft is not required to perform repeated realignment and calibration.

**Boeing**, through its subsidiary **Jeppesen**, has signed a new agreement at the European Business Aviation Convention & Exhibition (EBACE) with **GlobalJet**, a leading business aviation aircraft management and charter operator, to provide them with Jeppesen Operator and JetPlanner Pro digital operations management solutions. Jeppesen Operator is a virtual corporate flight department solution that integrates multiple resources and operations capabilities in a single platform for business aviation operators. In a streamlined, in-house solution, GlobalJet will now be able to effectively manage their trip planning, scheduling, maintenance and crew management operations. "Integrating digital operations tools from Jeppesen will help us increase efficiency and reduce preparation time with our European and global operations," said Renny Cichella, director, Ground Operations, GlobalJet. "Teaming with Jeppesen is a great fit, as our shared dedication to flight safety is reflected in these digital solutions that will help us plan and execute our flight plans more effectively and increase situational awareness on the ground and in the air." Through the Jeppesen Operator platform, GlobalJet will also have access to flight planning data generated by the JetPlanner Pro solution. JetPlanner Pro optimizes flight planning and dispatch operations that will help reduce costs through advanced route planning, reduced fuel consumption and increased manpower efficiency.

**ARGUS International (ARGUS)** has announced its aircraft activity analysis and market intelligence tool, TRAQpak FBO, is now integrated with EUROCONTROL, an intergovernmental organization committed to building a Single European Sky that will deliver the air traffic management (ATM) performance required for the twenty-first century and beyond. The extension will allow flights throughout Europe to be tracked within TRAQpak FBO, bringing TRAQpak data and insights to Europe

**OTHER NEWS**

while extending flight data available to current TRAQPak customers. “We are very pleased to provide our TRAQPak FBO program that now incorporates EUROCONTROL flight data for European FBOs and Airports,” said Shirley Mason, Executive Vice President of Market Intelligence at ARGUS International. “We are especially excited to support the European FBO community with a flight activity tracking and analysis system that will improve their operational efficiency, customer service and support, and communication between locations if they are part of an FBO network.” EUROCONTROL has 41 Member and two Comprehensive Agreement States, and manages activity of over ten million flights per year through their Network Manager. TRAQPak FBO is an advanced, web-based aircraft movement intelligence tool that provides live flight tracking with fully integrated functionality powered by TRAQPak’s historical aircraft activity data and analysis, FlightView aircraft movement data, and Flight Global Ascend aircraft owner/operator contact information.

**INDUSTRY PEOPLE**



Carol Sharkey

- Ryanair has appointed **Carol Sharkey** as the airline’s Chief Risk Officer, joining its senior management team. Sharkey, who is currently Ryanair’s Director of Safety and Security, will assume responsibility for all

of Ryanair’s operational risk assessment and will report directly to the CEO. She has worked at Ryanair since 1995 having previously held roles in inflight, flight operations and in recent years has overseen the flight safety department.



Bernhard Dietrich

- **Bernhard Dietrich** will take over as Head of Environmental Issues of the Lufthansa Group from June 2018. In this function, he is responsible for managing and developing all Group-wide environmental programs

and the environmental policy positions of the Lufthansa Group. This involves the continuous improvement of the environmental balance sheet and the representation of

*Recommended Events*



**Technical Aspects of a Leased Asset 2018**

June 5, 2018 – Jury’s Inn Hotel, Prague

**Maintenance Reserves Seminar 2018**

June 6, 2018 – Jury’s Inn Hotel, Prague

**Engine Leasing Seminar**

September 18, 2018 – Copthorne Tara Hotel, Kensington, London, UK

**Transactional Support & Risk Management Seminar, London**

September 19, 2018 – Copthorne Tara Hotel, Kensington, London, UK

**Aircraft Economic Life Summit 2018**

November 20, 2018 – Gibson Hotel, Dublin, Ireland

*Click here for more aviation events*

the Group’s environmental policy interests, including environmentally relevant institutions and bodies worldwide.

- Airbus has appointed **Eduardo Dominguez** Puerta, Head of Urban Air Mobility (UAM), a new Airbus unit, effective June 1, 2018. In his new function, he will report to **Patrick de Castelbajac**, Executive Vice President Strategy and International.

- GA Telesis Engine Services Oy (GATES) has appointed **Sergey Moryakov** as Vice President of Sales and Customer Service. Headquartered in Helsinki, Finland, Moryakov will manage the global sales team and network, and he will also be responsible for all marketing campaigns. Mr. Moryakov has broad technical expertise and knowledge pertaining to the sale of engine services, specifically in Russia and the CIS regions. He joins GATES from GE Aviation, where he served as Regional Sales Director for Engine Sales and MRO Services.

- Indian-carrier Jet Airways has appointed **Mr. Athar Khan** as its Vice President for the Americas to leverage the sales and distribution strength of its partners – Delta Air Lines, Virgin Atlantic and Air France KLM, in order to drive high quality sales in all these markets. Khan joins Jet Airways after having spent over two successful decades with leading international carriers such as Delta Air Lines, Qatar Airways and American Airlines.



AviTrader Publications Corp.  
Suite 305, South Tower  
5811 Cooney Road  
Richmond, BC  
Canada V6X 3M1

**Publisher**  
Peter Jorssen  
Tel: +1 604 318 5207

**Editor**  
Heike Tamm  
editor@avitrader.com  
Tel: +34 (0) 971 612 130

**Advertising Inquiries and Customer Support**  
Jenny Vogel  
jenny.vogel@avitrader.com  
Tel: + 49 (0) 8761 346 007

**For inquiries and comments, please email:**  
editor@avitrader.com

**Commercial Jet Aircraft**

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	ORIX Aviation	V2522-A5	1604	2001	Q1/2019	Sale	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A319-100	ORIX Aviation	V2522-A5	1445	2001	Q4/2019	Sale	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A330-343 (2x)	SkyWorks Leasing	Trent 772B-60	various	2006	Sep 2018	Sale / Lease	Arif Husain	ahusain@skyworksleasing.com	+1 203-376-8164
A340-300	GA Telesis	CFM56-5C4	433	2001	Q1/2018	Sale	Kevin Milligan	kmilligan@gatelesis.com	+1 954-676-3111
A340-300	GA Telesis	CFM56-5C4	541	2003	Q1/2018	Sale	Kevin Milligan	kmilligan@gatelesis.com	+1 954-676-3111
B737-300	Aersale	CFM56-3	27707	1995	Now	Sale / Lease	Craig Wright	craig.wright@aersale.com	+1 305 764 3238
B737-300	Aersale	CFM56-3	27926	1995	Now	Sale / Lease	Craig Wright	craig.wright@aersale.com	+1 305 764 3238
B737-400	Safair Operations	Freighter	East Africa	Now	ACMI only		C. Schoonderwoerd	corneliss@safair.co.za	+27 11 928 0000
B737-400	Aersale	CFM56-3C1	24688	1990	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-5H6	Bristol Associates	CFM56-3C1	26445	1992	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B737-800	ORIX Aviation	CFM56-7B24E	40317	2012	Q4/2019	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ORIX Aviation	CFM56-7B24E	40287	2012	Q1/2019	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ORIX Aviation	CFM56-7B26/3	38015	2011	Q1/2019	Sale / Lease	Cian Coakley	Cian.Coakley@orixaviation.hk	+852 9178 8055
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
B747-400	GA Telesis	RB211-524	26637	1992	Now	Sale	Eddo Weijer	eweijer@gatelesis.com	+1 954 676 3111
B747-400	GA Telesis	PW4000	29950	2000	Now	Sale	Stuart Weinroth	sweinroth@gatelesis.com	+1 954 676 3111
B757-223 (7x)	Jetran	RB211-535E4B	various	91/92	Now	Lease	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
B777-200ER	GA Telesis		28999	Now	Sale		Stuart Weinroth	sweinroth@gatelesis.com	+1 954 676 3111
B777-200ER	GA Telesis		28523	Now	Sale		Stuart Weinroth	sweinroth@gatelesis.com	+1 954 676 3111
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
ATR72-212	C&L Aviation Group	PW127	434	1994	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-951-6259
ATR72-212	C&L Aviation Group	PW127	425	1994	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-951-6259
ATR72-212	C&L Aviation Group	PW127	420	1994	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-951-6259
ATR72-202 Cargo	C&L Aviation Group	PW124B	455	1995	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-951-6259
ATR72-500F	Castlelake	PW100-127F	0585	1999	Now	Sale	Michael Hackett	Michael.hackett@castlelake.com	+442071906120
CRJ-200LR	Regional One	CF34-3B1	7369	2000	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
CRJ-900LR	Regional One	CF34-8C5	15111	2007	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
DASH8-311	Regional One	PW123B	323	1992	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
DASH8-311	Regional One	PW123B	325	1992	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
Do 328-100 (3x)	Jetran	PW119B/C	various	94-96	Now	Lease	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
E190AR (5x)	SkyWorks Leasing	CF34-10E5A1	various	06-07	Sep 2018	Sale / Lease	Arif Husain	ahusain@skyworksleasing.com	+1 203-376-8164
ERJ-170LR	AerFin	CF34-8E	1700123	Now	Sale / Lease		Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-145	Regional One	AE3007A1P	145291	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
ERJ-145	Regional One	AE3007A1P	145768	2003	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
SF340B	C&L Aviation Group	CT7-9B	194	1990	Now	Sale / Lease	Fred Dibble	fred.d@cla.aero	+1 207-217-6128
SF340B+	C&L Aviation Group	CT7-9B	425	1997	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-217-6259
SF340B+	C&L Aviation Group	CT7-5A	368	1995	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-217-6259
SF340A Cargo	C&L Aviation Group	CT7-5A	046	1986	Now	Sale	Fred Dibble	fred.d@cla.aero	+1 207-217-6128

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# THE AIRCRAFT AND ENGINE MARKETPLACE

## 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
<b>AE3007 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(3) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
(2) AE3007	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1 954 676 3111
<b>CF34 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
CF34-8E5	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
CF34-10E	Now - Lease				
CF34-8C	Now - Lease				
CF34-3B1	Now - 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				
(1) CF34-10E5A1	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF34-3B1	Now - Sale				
(1) CF34-8E5A1	Now - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CF34-10E7	Now - Lease				
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
(1) CF34-10E6	Now - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) CF34-10E5A1	Now - Lease				
<b>CF6 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(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) CF6-80C2B6	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) CF6-80C2B1F	Now - Lease	TrueAero	Chris Luke	cluke@trueaero.com	+1 (772) 783 2300
(1) CF6-80C2B7F	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(5) CF6-80C2B1F	Now - Sale			aircrafttrading@gatelesis.com	
<b>CFM Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) CFM56-3C1	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610
(2) CFM56-5B	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(2) CFM56-7B26	Now - Sale				
(1) CFM56-7B26/E	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B26	Now - Lease				
(1) CFM56-7B27	Now - Lease				
(2) CFM56-3C1	Now - Sale / Lease	AerSale, Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CFM56-5C4	Now - Sale / Lease				
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-7B20 TRUEngine™	Now - Sale / Exchange	CFM Materials	Jimmy Hill	Jimmy.Hill@cfmmaterials.com	+1 214-988-6670
(1) CFM56-7B24 TRUEngine™	Now - Sale / Exchange				
(1) CFM56-7B27 TRUEngine™	Now - Sale / Exchange				
(1) CFM56-5B4P TRUEngine™	Now - Sale / Exchange				



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(1) CFM56-5B	Now - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 7930463293
(1) CFM56-5B	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@wernerairo.com	+1-703-402-7430
(1) CFM56-7B	Now - Sale/Lease/Exch.				
(1) CFM56-5B3/P	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-7B26	Now - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) CFM56-7B24/3	Soon - Lease				
<b>CT7 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
CT7-9B	Sale	C&L Aviation Group	Martin Cooper	martin.c@cla.aero	+1 207-217-6106
<b>JT8D and JT9D Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) JT8D-219	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1 954 676 3111
(1) JT8D-217C	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
<b>GENx Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(2) GENx	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
<b>LEAP Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(2) LEAP-1A33	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) LEAP-1B28	Soon - Lease				
<b>PW Small Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) PW121	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) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Now - Sale / Lease				
(2) PW121 (ATR)	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	d-desaulniers@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.				
(2) 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
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				
PW150 GRB	Now - Lease				
PW127	Sale	C&L Aviation Group	Martin Cooper	martin.c@cla.aero	+1 207-217-6106
(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
<b>PW4000 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(2) PW4056-1	Now - Sale/Lease/Exch.	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) PW4168A	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742

**Commerical Engines (cont.)**

(1) PW4056-3	Now - Sale/Lease	Jet Midwest	Kevin Lee	engines@jetmidwest.com	+1-310-652-0296
(1) PW4060-3	Now - Sale / Lease	AerSale, Inc.	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) PW4158-3	Apr 18 - Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) PW4056-3	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534

<b>RB211 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) RB211-535	Now - Sale / Lease	Jet Midwest	Dave Williams	dave.williams@jetmidwest.com	+1-817-791-4930
(1) RB211-535E4	Apr 18 - Sale / Lease	AerSale, Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005

<b>Trent Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(3) Trent 800	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1)Trent 892	Now - Sale/Lease/Exch.	AerSale, Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(2) Trent 892	Now - Sale / Lease	TrueAero, LLC.	Matt Parker	mparker@trueaero.com	+1 469-607-6110
(4) Trent 556	Now - Sale / Lease				
(1) Trent 772B	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Bobby Janagan	bobby.janagan@rolls-royce.com	+44 20 7227 9078

<b>V2500 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
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) V2527-A5	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) V2533-A5	Soon - Lease				
(1) V2527-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2530-A5	Now - Lease				
(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	TrueAero, LLC	Matt Parker	mparker@trueaero.com	+1 469-607-6110
(1) A330-300 Landing Gear	Now - Sale				
(2) A340-600 Landing Gear	Now - Sale				
(1) A340-300 Landing Gear	Now - Sale				
(2) GTCP331-500	Now - Sale				
(2) GTCP331-500B	Now - Sale/Lease/Exch.				
(1) APS 3200	Now - Sale/Lease/Exch.				
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, (1) 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				
Neutral CFM56-5B & CFM56-7B QEC Kits	Now - Sale	CFM Materials	Michael Arellano	michael.arellano@cfmmaterials.com	+1 214-988-6676
(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	rlsley@logix.aero	+44.79.0021.8657
APS3200, APS2300, GTCP85-129H					
APU GTCP 331-500	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
Engine stands now available	Now - Lease				
(2) GTCP131-9B, (2) GTCP131-9A	Now - Sale / Lease	GA Telesis	Dave Dicken	ddicken@gatelesis.com	+1 954-676-3111
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
GTCP36-300A, 737-800 Winglets	Now - Sale / Lease				
737-700 & 737-800 Landing Gear	Now - Sale / Lease				
767-300 Winglets, LH-RH P/N 767-0010-5, -6, -7 & -8, SV- 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