

## WORLD NEWS

### Italy's Milan Bergamo achieves record year

Welcoming over one million more passengers last year than in 2016, adding three new airlines and launching 20 new flights resulted in Milan Bergamo Airport's most successful year in its history. Recording a healthy overall 10.5% growth in passenger traffic last year saw a total of 12.3 million passengers travel through Italy's third busiest airport (in terms of annual passengers).

### Ethiopian to lease first two AEI-converted 737-800 Fs

Ethiopian Cargo and Logistics Services, a division of the Ethiopian Airlines Group, has committed to lease the first two Boeing 737-800 freighters (737-800SF) converted by Aeronautical Engineers, Inc. (AEI) from GECAS, with the first delivery expected in June of 2018, followed by a second in January of 2019. "We are excited to take delivery of these first-ever AEI-converted 737-800SFs," explained Tewolde Gebremariam, Ethiopian Airlines Group CEO, "The aircraft will be a great complement to our existing fleet of B777 and B757 freighters."

### Network growth at Hahn Air

Reporting network growth of over 16%, the year 2017 proved successful for the Hahn Air Group. Despite the challenging times for the industry, the distribution specialist integrated a total of 46 new carriers into its network of air, rail and shuttle partners, enabling them to be ticketed on the Hahn Air HR-169 document in over 190 markets. To date, more than 350 partners take advantage of the group's ticketing solutions that provide the missing links in airline distribution via Global Distribution Systems (GDSs) worldwide.



Kenya's new 787s will take on the 15hr mission.

Photo: Boeing

## Kenya Airways unveils U.S. debut

With services to New York starting in October

Kenya Airways has marked a significant and long overdue milestone with the announcement of non-stop flights from Nairobi to New York. The national carrier has started selling tickets for the inaugural flight which is scheduled for October 28<sup>th</sup> this year.

Kenya Airways, or very commonly known by its IATA designator code 'KQ' by many Africans

becomes the first airline to offer a non-stop flight between East Africa and the United States. The airline already serves Africa, Europe, Middle-East, Indian sub-continent and Asia.

The opening of the U.S. destination

completes an essential piece for Kenya Airways' network, cementing its position as one of the leading African carriers. "This is an exciting moment for us. It fits within our strategy to attract corporate and high-end tourism traffic from the world to Kenya and Africa. We

more across Africa, the launch of daily flights is expected to further spur trade between America and Africa. Kenya Airways will offer its customers a unique travel experience between two great gateways. It will be the fastest connection from East Africa to New York, with a

15 hours duration eastbound and 14 hours westbound.

The ultra-long-haul flight, unique to Ken-

ya Airways network, will require four Pilots and 12 flight attendants as well as 85 tons of fuel each way, making it an exceptional operation. The airline will operate its state of the art Boeing 787 Dreamliner with a capacity of 234 passengers.

Continued on page 3

**"It fits within our strategy to attract corporate and high-end tourism traffic from the world to Kenya and Africa."**

*Kenya Airways CEO Sebastian Mikosz*

are honoured to contribute to the economic growth of Kenya and East Africa." said Kenya Airways Group Managing Director and CEO Sebastian Mikosz.

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...continued from page 1

The flight will depart every day from Jomo Kenyatta International Airport hub in Nairobi at 23:25 arriving at JFK airport in New York at 06:25 the following day. From New-York it will depart at 12:25 landing at JKIA at 10:55 the following day. Its duration will be 15 hours east bound and 14 hours west bound. KQ says this schedule will allow connections to and from over 40 African destinations through Kenya Airways' hub in Nairobi.



KQ will connect U.S. flights to several African points.

**AIRCRAFT & ENGINE NEWS**

**Turkish Airlines orders three more 777 Freighters**

In December 2017, Boeing and Turkish Airlines signed an order for three more 777 Freighters, just weeks after the carrier took delivery of two of the large cargo jets as part of its plan to further expand its freight business. "These freighter orders will surely contribute to our significant target for establishing a young and efficient cargo fleet," said M. ilker Ayci, Chairman of the Board and the Executive Committee of Turkish Airlines. "The new aircraft will be delivered this year [2018] and will provide us with additional flexibility to serve more destinations while we continue to develop our global freight service." Photo: Boeing, Text: Turkish Airlines has ordered three more 777 Freighters.

**Precision redelivers three conversions in December 2017**

Precision Aircraft Solutions continues to ramp up its conversion activities with three, B757P-CF's redelivered last month. These customers include SF Express, and YTO with its very first redelivery from Precision. Conversion of the 757-200 aircraft, MSN 29423 was performed at Flightstar in Jacksonville, FL., conversion of

**HAECO Xiamen redelivers YTO Cargo Airlines' first Boeing 757 PCF**



HAECO Xiamen redelivered YTO Cargo Airlines' first Boeing 757-200 PCF aircraft

Photo: HAECO Xiamen

HAECO Xiamen has redelivered YTO Cargo Airlines' first Boeing 757-200 converted freighter with Supplemental Type Certificate (STC) partner Precision Aircraft Solutions. HAECO Xiamen has partnered with Precision on the Boeing 757-200 passenger-to-freighter conversion since 2010, having completed 18 such converted freighters.

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**AIRCRAFT & ENGINE NEWS**

MSN 29217 was performed at HAECO Xiamen in China, and conversion of MSN 27260 was performed in AMECO's Chengdu base.

**International aircraft leasing company Avolon issues update for 2017 fourth quarter**

Avolon, the international aircraft leasing company, has issued an update for the 2017 fourth quarter. The aircraft leasing company delivered 45 new aircraft and sold 44 owned and managed aircraft in the fourth quarter 2017. The company completed the US\$10.4bn acquisition and integration of CIT's aircraft leasing business. Avolon has increased its owned, managed and committed fleet by 109% to 908 aircraft and has raised US\$14.9bn of new capital in the fourth quarter 2017.

**TrueNoord closes sale-and-leaseback with Air Astana for Embraer E190 aircraft**

TrueNoord, the regional aircraft lessor, has concluded the increase of an existing term financing facility with DVB bank for the purchase of a 2012 vintage Embraer E190 aircraft from Air Astana, which will continue to be operated by the airline under the terms of a sale-and-leaseback transaction. This aircraft increases TrueNoord's Embraer portfolio to seven globally operated E190s, with further acquisitions to be announced shortly. TrueNoord's focused on-going development strategy for its regional aircraft fleet under lease, is supported by investments from private equity firms Bregal Freshstream, BlackRock and Aberdeen Asset Management.

**Dubai Aerospace Enterprise reports 2017 key strategic and operational highlights**

Dubai Aerospace Enterprise (DAE) has released that it has completed the acquisition of AWAS, catapulting DAE into the top tier of global lessors. The company launched its inaugural ABS 'Falcon 2017-1' in February 2017 and sold the E notes to sophisticated US capital market investors. DAE has issued its inaugural US\$2.3bn benchmark bond in the US capital markets. The company has also purchased a portfolio of 14 ATR72-600 aircraft from GECAS, further solidifying DAE's position as one of the leading lessors in the ATR space. DAE said that the number of aircraft purchased came to 25, the number of leasing transactions to 78. The

**First BelugaXL transporter rolls off assembly line**



The first structurally complete airframe for the new BelugaXL rolled out from its assembly hangar in Toulouse, France  
Photo: Airbus

The first structurally complete airframe for the new BelugaXL rolled out from its assembly hangar in Toulouse, France this month. Once operational, a fleet of these next-generation airlifters will be used to transport completed sections of Airbus aircraft among the company's European production sites and to its final assembly lines in France, Germany and Spain. The BelugaXL is one of the most voluminous aircraft in existence, and everything about it speaks to that fact. With a bulging upper forward fuselage and enormous cargo area, the BelugaXL is hardly recognizable as the outsized airlifter version of the Airbus A330-200 jetliner from which it is derived. "We have the A330 as a foundation," said Bertrand George, head of the BelugaXL program, "but many changes have been successfully designed, introduced into the aircraft and tested. Transforming an existing product into a super transporter is not a simple task." This initial BelugaXL is expected to be flying by mid-2018.

number of owned, managed and committed aircraft in its fleet came to 383 while the number of customers rose to 109, in 55 countries. The average age of its owned fleet came to 5.7 years and the average lease term remaining on its own fleet was 6.1 year.

**Falko adds 10 ATR72-500 aircraft to portfolio**

Falko Regional Aircraft (Falko), an aircraft operating, leasing, and asset management company focused on the regional aircraft sector, has added ten ATR 72-500 aircraft to its portfolio. The aircraft will be operated by PT Wings Abadi, the regional airline part of the Lion Air Group (Lion) in Indonesia. "We are delighted to have completed this deal which marks a significant expansion in our ATR manufactured turboprop portfolio," said Mark Hughes, Chief Commercial Officer, Falko Regional Aircraft Limited. "We are very pleased to add Lion to

our lessee portfolio as Lion is one of Asia's fastest growing airlines and one of the world's largest ATR operators."

**Boeing unveils new unmanned cargo air vehicle prototype**

Boeing has unveiled a new unmanned electric vertical-takeoff-and-landing (eVTOL) cargo air vehicle (CAV) prototype, that will be used to test and evolve Boeing's autonomy technology for future aerospace vehicles. It is designed to transport a payload up to 500 pounds for possible future cargo and logistics applications. In less than three months, a team of engineers and technicians across the company designed and built the CAV prototype. It successfully completed initial flight tests at Boeing Research & Technology's Collaborative Autonomous Systems Laboratory in Missouri. Boeing researchers will use the prototype as a flying test bed to mature the

**AIRCRAFT & ENGINE NEWS**

building blocks of autonomous technology for future applications. Boeing HorizonX, with its partners in Boeing Research & Technology, led the development of the CAV prototype, which complements the eVTOL passenger air vehicle prototype aircraft in development by Aurora Flight Sciences, a company acquired by Boeing late last year. Powered by an environmentally friendly electric propulsion system, the CAV prototype is outfitted with eight counter rotating blades allowing for vertical flight. It measures 15 feet long (4.57 meters), 18 feet wide (5.49 meters) and 4 feet tall (1.22 meters), and weighs 747 pounds (339 kilograms).

**CFM concludes US\$9.1bn agreements during French state visit to China**

In conjunction with French President Emmanuel Macron’s state visit to China earlier this week, CFM International concluded agreements and Memorandums of Understanding for new engine orders and long-term support agreements covering nearly 500 CFM engines. The total value of the agreements is US\$9.1bn at list price.

The agreements include: Spring Airline, US\$2.9bn covering installed, and engines supported by a long-term Rate Per Flight Hour agreement.

Hainan Airlines, US\$4.2bn MoU covering new and spare engines and a long-term support agreement.

Xiamen Airlines: US\$2.05bn MoU covering installed and spare engines, along with a long-term Time and Materials support agreement. Philippe Petitcolin, Chief Executive Officer of CFM parent company Safran, signing on behalf of CFM, said: “Our relationship with the Chinese aviation industry goes back more than 30 years, not only as a customer base but a very important supplier base. These new agreements strengthen our commitment to China and solidifies our relationships with our customers there, providing a strong foundation for even more cooperation in the future.”

**Spring Airlines finalizes Leap-1A engine order**

CFM International has finalized an agreement with Spring Airlines for the purchase of 120 LEAP-1A engines to power 60 Airbus A320neo aircraft. The agreement was signed in conjunction with French President Emmanuel Macron’s visit to China. In addition, the airline signed a 10-year Rate-for-Flight-

**Airbus rolls out first A321neo ACF**



Airbus has completed assembly of first A321neo ACF (Airbus Cabin Flex)

Photo: Airbus

Airbus has completed assembly of the first A321neo ACF (Airbus Cabin Flex) at its facilities in Hamburg. The aircraft powered by CFM Leap-1A engines will undergo ground tests prior to its scheduled first flight in the coming weeks. First delivery of an A321neo ACF to a customer is scheduled for mid-2018. The A321neo ACF is the latest addition to the successful A320 Family. By applying modifications to the fuselage, the ACF enables more-flexible cabin configurations for up to 240 passengers. Compared to the previous A321 variant, the most visible modifications are a new rear section and a modified passenger door configuration, where the door located forward of the wing is removed and new overwing emergency exits in the centre section are introduced. The A321neo ACF is an option today and will become standard for all A321neos around 2020. The A321neo ACF is the base for a longer-range variant, known as the A321LR. The A321LR has an increased MTOW (Maximum Take Off Weight) of 97 tons and a third underfloor fuel tank allowing airlines to increase its range to 4,000nm for intercontinental flights. The first delivery of an A321LR is targeted for Q4 2018.

Hour agreement, under the terms of which CFM will support the entire fleet on a dollar-per-flight-hour basis. The total value of the agreement is US\$2.9bn. The engine order was previously announced at the 2017 Paris Air Show.

**BOC Aviation announces operational update for fourth-quarter and year end 2017**

BOC Aviation’s portfolio comprised 318 owned and managed aircraft, with an average aircraft age of 3.0 years and an average remaining lease term of 8.2 years for the owned aircraft fleet, weighted by net book value. BOC Aviation had an order book of 173 aircraft and took delivery of 28 aircraft in the fourth quarter of 2017, and 74 (including

three acquired by airline customers on delivery) in 2017. The company added 22 lease commitments in the fourth quarter of 2017, and 103 in 2017. Customer base comprised of 80 airlines in 33 countries in the owned and managed portfolios. BOC Aviation sold nine owned aircraft in the fourth quarter of 2017, and 30 in 2017. Additionally, two managed aircraft were sold in 2017. The managed fleet comprised 31 aircraft. 50 of the 53 new aircraft scheduled for delivery in 2018 have been committed for lease. Aircraft utilization was 99.8% for the fourth quarter and year ended December 31, 2017 and the company ended the year with all of its owned aircraft on lease.

**MRO & PRODUCTION NEWS**

**Air Wisconsin Airlines signs five-year contract with StandardAero for Honeywell 36-150RJ APU MRO services**

Air Wisconsin has awarded StandardAero with an exclusive five-year contract to provide maintenance, repair and overhaul services for Honeywell GTCP36-150RJ auxiliary power units (APU) on its fleet of 65 Bombardier CRJ-200 model regional aircraft at StandardAero’s Maryville, TN facility. Air Wisconsin Airlines is one of North America’s longest-existing regional airlines and now flies as both American Airlines and United Airlines code share. Founded in 1965, Air Wisconsin operates nearly 350 departures per day, system-wide, to 26 states and three Canadian provinces, serving nearly six million passengers per year.

**Oakenhurst Aircraft Services recognized as Gold Supplier to Intertrade Rockwell Collins**

Oakenhurst Aircraft Services has signed a support agreement with Intertrade. As a recognized Gold Supplier, Oakenhurst Aircraft Services joins a select group of top-tier companies providing component MRO services. Charlie Parker, Managing Director, commented “We have been aligning our priorities with those of the MRO sector since developing our first engineering facility in 1996. Recognition as Gold Supplier marks another fantastic achievement and confirms our ability to react swiftly to new market demands. Oakenhurst Aircraft Services will deliver the exceptional component reliability and customer service that form our reputation.”

**West Star Aviation finalizes Embraer Service Center agreement**

West Star Aviation has finalized its Service Center agreement with Embraer Executive Jets, at its full-service state-of-the-art maintenance facility in Chattanooga, TN at KCHA. This agreement is for Embraer Base Maintenance on the Phenom 100/300, Legacy 450/500 and Legacy 600/650. The Chattanooga facility will offer interior refurbishment, avionics, avionics installation and repair, inspections, part services, and engine inspections. West Star’s Chattanooga location is currently expanding its footprint to include a state-of-the-art paint facility and other updates to the existing current facility to be able to accommodate aircraft up to Lineage 1000 and Lineage 1000E. The paint shop ex-

**Turkish Airlines orders three more 777 Freighters**



Turkish Airlines has ordered three more 777 Freighters

Photo: Boeing

In December 2017, Boeing and Turkish Airlines signed an order for three more 777 Freighters, just weeks after the carrier took delivery of two of the large cargo jets as part of its plan to further expand its freight business. “These freighter orders will surely contribute to our significant target for establishing a young and efficient cargo fleet,” said M. Ilker Ayçi, Chairman of the Board and the Executive Committee of Turkish Airlines. “The new aircraft will be delivered this year [2018] and will provide us with additional flexibility to serve more destinations while we continue to develop our global freight service.”

pansion is projected to open September 2018 and will offer full-service paint capabilities on Embraer and other aircraft.

**StandardAero to cease operations at LAX repair station by end of March**

StandardAero has announced that it will cease operations at the company’s LAX-based business aviation repair station by the end of March, 2018. However, the company will continue to maintain mobile service capabilities in the Southern California region. After fully evaluating its ability to sustain LAX operations, and in consultation with StandardAero’s owners, investors and the board of directors, the company reached a difficult decision to cease operations at the facility. Primary reasons driving the decision included severe and unexpected reductions in the number of worldwide TFE731 engine events and the associated revenue and vol-

ume declines which have accompanied this trend, along with multiple, unsuccessful attempts to secure a long-term lease for the LAX facility. In addition, contributing factors to the closure decision included the declining demand for scheduled airframe inspection work at LAX and the desire for operators to utilize other, more-convenient business aviation airports in the area. Until the end of March, the company will be operating the LAX facility in a business as usual manner to complete obligations for current projects and commitments to existing customers. As customer obligations are completed, StandardAero will begin the transition of equipment, tooling and inventories to its other primary business aviation locations.

**FINANCIAL NEWS**

**ST Engineering's aerospace arm injects capital into Engine Asset Management JV**

Singapore Technologies Engineering (ST Engineering) has released that its aerospace arm, Singapore Technologies Aerospace (ST Aerospace), through its subsidiary ST Aerospace Engines (STA Engines), has injected its proportional share of US\$1.47m (approximately S\$1.96m) into the capital of its 50%-jointly controlled company, Total Engine Asset Management (TEAM). This injection will support the expansion of ST Aerospace's engine leasing business, bringing its total investments to US\$16.49m (approximately S\$21.96m). TEAM is a joint venture established in 2011 between ST Aerospace and Marubeni Corporation. TEAM provides engine leasing services for CFM56-3, CFM56-5B, CFM56-7B engines that power narrow-body aircraft, such as the Airbus A320 and Boeing 737NG, as well as the IAE V2500 engine which powers the Airbus A320 family (A320, A321, A319 and the Airbus Corporate Jet). For wide-body aircraft, TEAM provides engine leasing services for the GE90-115B engine that powers the Boeing 777-300ER.

**SIA Engineering Group posts profit of SG\$74.3m for 1st half, FY2017-18**

SIAEC Group has recorded a profit attributable to owners of the parent of SG\$74.3m for the half year ended September 30, 2017. The results for the same period last year included a gain from the divestment of the Group's 10% stake in Hong Kong Aero Engine Services Ltd (HAESL) to Rolls-Royce Overseas Holdings Limited (RROH) and Hong Kong Aircraft Engineering Company Limited (HAECO). Excluding the impact of the divestment, profit for the current period of SG\$74.3m was SG\$0.8m, or 1.1% higher. After including the impact of the divestment, profit for the current period was SG\$159.6m, or 68.2% lower.

Revenue at SG\$547.5m was higher by SG\$11.1m, or 2.1%, with increase in line maintenance revenue offset in part by lower fleet management revenue. Expenditure at SG\$509.9m was lower by SG\$3.6m, or 0.7%. Staff costs were lower mainly due to the absence of the provision made for the profit-linked component of staff remuneration arising from the gain on divestment last year, offset by annual salary increments and increase in headcount at subsidiaries. Operating profit of

SG\$37.6m was SG\$14.7m, or 64.2% higher. Excluding the profit-linked component of staff remuneration arising from the gain on divestment last year, operating profit was SG\$6.6m, or 14.9% lower.

Share of profits of associated and joint venture companies increased SG\$6.1m, or 16.1%, to SG\$44.0m, with higher contributions from most associated companies, in particular from Eagle Services Asia Private Limited, as the work content of its engines shipped was higher. This was partially offset by lower contributions from Singapore Aero Engine Services Pte. Ltd. (US\$1.00 = SG\$1.33 at time of publication.)

**Airbus to open first US West Coast training center**

In a move to further expand its global training capacity, Airbus has acquired the Strategic Simulation Solutions flight training center in Aurora, Colorado, a Denver suburb. Currently, the training center primarily supports Frontier Airlines and has significant room for growth. Airbus plans to at least double capacity at the facility in the next few years. Prior to this ac-



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quisition, Airbus provided training to the North American region primarily from its Miami, Florida-based training center. The addition of the new Aurora training center will help meet long-term growth in expanding markets throughout the Americas. Over the past two years Airbus has expanded its training capacity for customers in the Americas with the addition of training centers in Mexico City, Mexico and in Campinas, Brazil. At a worldwide level, Airbus has expanded its training network more than threefold in only three years; growing from five locations in 2015 to 17 locations today.

**Delta Air Lines announces December quarter and full year 2017 profit**

Delta Air Lines has reported financial results for the December quarter 2017. Adjusted pre-tax income for the December 2017 quarter was US\$1.0bn, despite a US\$60m impact from the combination of December's power outage at Atlanta's Hartsfield-Jackson Airport and winter Storm Benji. For the full year, adjusted pre-tax income was US\$5.5bn, a US\$621m decrease relative to 2016. Delta's operating revenue of US\$10.2bn for the December quarter was up 8.3%, or US\$787m versus prior year. Total unit revenues excluding refinery sales increased 4.4% for the December quarter. Passenger revenue increased US\$527, including US\$200m from Delta's Branded Fares initiatives. Passenger unit revenues increased 4.2%, including 0.5 points from one-time revenue adjustments, on 2.3% higher capacity. For the full year, Delta's operating revenue of US\$41.2bn was up 4.0%, or US\$1.6bn versus prior year. Total unit revenues excluding refinery sales increased 2.4% on 1.0% higher capacity.

**Rockwell Collins' share-owners vote in favor of acquisition by UTC**

Rockwell Collins' shareowners overwhelmingly approved the proposed acquisition of Rockwell Collins by United Technologies Corp.

More than 96% of all votes cast, representing more than 72% of all shares of common stock outstanding on the record date for the special meeting, were in favor of the transaction. Upon satisfaction of required regulatory and other customary closing conditions, Rockwell Collins will be combined with UTC Aerospace Systems to create a new United Technologies business called Collins Aerospace Systems. The proposed transaction is expected to close by the third quarter of 2018.

**Indian Government clears way for major foreign investment in Air India**

In a politically charged move, the Indian Narendra Modi government has agreed to sell a 49% stake in the state-owned flag carrying airline, Air India, thus still retaining a controlling interest. This is seen as a strategic divestment of an airline which has failed to show an annual operating profit for over ten years, and which has a current debt of 48,876 crore (US\$7.35 billion).

Last year the Indian government had decided on divestment as the best strategy moving forward, with a nod from the Cabinet Committee on Economic Affairs. However, it was reported last Sunday, in the Indian press, that a parliamentary panel had suggested the government rethink its strategy, advising that now was not a wise time to sell Air India as it was showing an operational profit. A draft report prepared by the panel had recommended the privatisation of the airline be postponed until 2022, which would coincide with the end of a ten-year turnaround plan that is currently in place. However, on Monday, the CAPA aviation think tank advised the government to fast-track the privatisation process as a delay might further erode the value of the Indian carrier. Air India has its hub at Indira Gandhi International Airport in Delhi. Excluding subsidiary airlines such as Air India Express and Alliance Air, it has a combined fleet size of 114 Boeing and Airbus jets, and flies to 89 destinations worldwide. India's flag-carrying airline was founded in 1932 as Tata Airlines, and currently has a staff list in excess of 20,000 employees.

**OTHER NEWS**

**Panasonic Avionics Corporation (Panasonic)** has introduced a major evolution of its satellite connectivity service with the introduction of its third-generation communications network.

Panasonic's third-generation network is built to meet the growing connectivity demands of airlines and their passengers. Throughout the first quarter of 2018, aircraft from a number of airlines will be transitioned to Panasonic's new network. In addition, Panasonic subsidiary, **ITC Global**, will leverage Panasonic's new broadband network to deliver connectivity to its energy, maritime and enterprise customers. The new communications network is built on Panasonic's high-throughput satellite service, which today covers all dense mobility traffic areas around the globe with high-throughput spot beams and wide-overlay beams that support Panasonic's global inflight television service. When combined with the rollout of the company's new satellite modem, developed in conjunction with Newtec, Panasonic now offers bandwidth up to twenty times greater than previously available. This supports the provision of services such as fast Internet, video streaming, VoIP applications, improved TV picture quality and a broader channel choice, the capability to offer 3G phone services, and greater bandwidth for crew applications.

**Swiss-AS** and its Miami based **AMOS Business Unit** within **Lufthansa Systems** are delighted to announce that **Mitsubishi Aircraft Corporation** has selected AMOS (Aircraft Maintenance and Engineering System) to support the certification process for its new MRJ90 Regional Jet. "We are very proud that Mitsubishi Aircraft Corporation could see that AMOS can help manage the critical certification process for their new regional jet," stated Ronald Schaeuffele, CEO of Swiss-AS. Although AMOS has been developed for airline maintenance departments and MRO companies, the high configurability of the system means that it can be configured to manage the unique pre-production certification requirements. AMOS will be used to manage and support the flight-testing process in the U.S., taking place at the Moses Lake flight test centre. With the implementation of AMOS at Mitsubishi Aircraft Corporation, the company expects to further streamline

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- In December **Finnair's** overall capacity increased by 15% year-on-year, and traffic grew by 17.4% compared to December 2016. The passenger load factor increased by 1.6 points to 80.4%.
- In December 2017, the airlines of the **Lufthansa Group** welcomed around 9.3 million passengers. This shows an increase of 19.9% compared to the previous year. Traffic was up 14.2% over the previous year, while at the same time, sales increased by 15.9%. The seat load factor improved accordingly, rising 1.1 points compared to December 2016, to 78.9%.
- **WestJet** has reported December 2017 traffic results with a load factor of 83.6%, an increase of 2.8 points year over year. Traffic increased 9.8% year over year, and capacity grew 6.0% over the same period. The airline flew a record 2.1 million guests in December, a year-over-year increase of 10.0% or approximately 190,000 additional guests.

OTHER NEWS

its flight testing and certification process of the MRJ90, helping to bring this next-generation aircraft into operation as efficiently as possible.

With the taking over of a number of operations at **Berlin's Tegel Airport** from the now defunct **Air Berlin**, **easyJet** has announced its predictions to more than double the number of the low-cost carrier's German passengers to 18 million per year.

Friday January 5, 2018, saw the launch of **easyJet's** first domestic flight from Tegel, to **Munich**, which now puts the carrier in direct competition with Germany's premier airline, **Lufthansa**. "This is a key step for us. We will be number one in the Berlin market," **easyJet** finance chief **Andrew Findlay** told Reuters. **easyJet** already operates in Berlin, flying to international destinations from **Schoenefeld**.

Alongside domestic routes to **Duesseldorf**, **Frankfurt**, **Munich** and **Stuttgart**, **easyJet** is adding flights from Tegel to 15 international destinations, including **Zurich**, **Vienna**, **Paris Charles de Gaulle** and holiday destinations including **Malorca**. Further international routes are expected to be added come the summer season.

**easyJet** has also recruited some of **Air Berlin's** crew, with 40 cabin crew members having started their training in December. An additional 330 have passed the selection process and will start training in the coming months. It is understood the first 30 pilots will start training in January and February, while 255 others are still undergoing the selection process.

The ex-Air Berlin crew are slowly joining **easyJet** as they cannot all be trained at the same time. According to **Findlay**, **easyJet** "could eventually end up recruiting up to 1,000 crew from **Air Berlin**."

**Václav Havel Airport Prague** achieved a historic record of 15 million checked passengers. The greatest number of passengers, over 64,000, passed through the airport gates on June 23, 2017 and made it the busiest day of the year from the airport operations' perspective. During 2017, **Prague** has been connected with 163 des-

tinations in total, with **Shanghai** (8,528km) being the furthest place served by regular scheduled flights from **Václav Havel Airport Prague**, and **Munich** (266km) being the closest. The **Prague – London** route has been the most frequented this year. Under the current winter schedule, there are up to 14 flights a day to **London** from the largest Czech airport, with connections to all six **London** airports offered to passengers.

**Mobil** JetTM Oil 387, a synthetic high-performance-capability turbine engine oil, has been approved by **Pratt & Whitney** for use in its Pure-Power Geared Turbofan 1900G engines, which includes the PW1918G, PW1919G, PW1920G, PW1921G, PW1922G and PW1923G variants. PW1900G engines are designed to exclusively power **Embraer's** E-Jet E2 E190 and E195 narrow body twin-engine jet airliners, which are scheduled to enter service in 2018. As a result of increasing OEM approvals and continued airline interest in **Mobil Jet Oil 387**, the oil is now being used to protect more than 300 aircraft around the globe. Today, **Mobil Jet Oil 387** has accumulated more than 3 million hours of on-wing performance.

**Ethiopian Airlines** has announced it will launch a direct three-times-weekly service to **Geneva**, Switzerland on June 3, 2018. Hosting the highest number of international organizations in the world, including the headquarters of many of the agencies of the **United Nations**, and the **Red Cross**, **Geneva** is a global city and center for diplomacy. The route will be operated with a **Boeing 787-800**, featuring up-to-date amenities with redefined travel experiences.

**Finnair** has announced the opening of a new winter route to **Lyon, France**, for the 2018/2019 winter season. Known for its gastronomy, historical landmarks and its proximity to the French Alps, **Lyon** is the second-largest metropolitan area in France. As of December 11, **Finnair** will fly two weekly flights to **Lyon** from its **Helsinki** hub with an E90 aircraft. Operating on Tuesdays and Saturdays, the flights will offer smooth connections to **Finnair's** Asian network. Continuing with its

growth strategy, **Finnair** will receive its twelfth A350 aircraft, in 2018, and will be adding several frequencies to its popular long-haul destinations.

**Sabre Corporation**, a technology provider to the global travel industry, has signed a new global distribution partnership with **Eastar Jet**, in line with the airline's vision to go beyond Asia and popularise air travel by creating a reasonable cost air travel solution for Asia Pacific passengers. Over the past five years, Low Cost Carriers (LCCs) have added over 1,000 airport pairs and are operating at higher load capacities. This increase in frequency, capacity and connected city pairs illustrates a dramatic increase in connectivity within Asia Pacific. **Eastar Jet** currently flies to various cities in Asia Pacific, including **Korea**, **Japan**, **China** and **South-East Asia**. Effective first quarter 2018, **Eastar Jet** will have access to the **Sabre Travel Marketplace**, connecting them to more than 425,000 travel agents globally.

Despite indicators intimating that, with a 5.8% annual growth in October 2017, air cargo had passed a cyclical growth peak, global air freight climbed 8.8% in November, compared to November the previous year, in freight tonne kilometers (FTKs).

In addition, for the 16<sup>th</sup> consecutive month, in November demand growth outstripped capacity growth with freight capacity, which is measured in available freight tonne kilometers (AFTKs), showing an increase of 4% year-on-year. The continued growth, which is still representative of traditionally strong fourth-quarter results, has kept the air cargo industry on track to achieve its strongest operational and financial performance since the post-global financial crisis rebound which began in 2010.

**Purchasing Managers Index (PMI)** for manufacturing and export orders which, for much of 2017 has tracked sideways, hit a seven-year high in the fourth quarter, which signifies that growth should carry momentum into this year, 2018. According to **IATA's** Director General and CEO, **Alexandre de Juniac**, "Air freight demand remains robust. November showed 8.8% year-on-year growth, keeping up the momentum that will make 2017 the strongest year for air cargo

OTHER NEWS

since 2010. And there are several indicators that 2018 will be a good year as well. In particular, buoyant consumer confidence, the growth of international e-commerce and the broad-based global economic upturn are cause for optimism as we head into the New Year.”

**Alaska Airlines** has received a single operating certificate from the **Federal Aviation Administration (FAA)** on January 11, for Alaska Airlines and **Virgin America**, marking another significant milestone in the integration of the two airlines. The receipt of a single operating certificate will not result in any immediate differences for guests when flying with Alaska or Virgin America. For now, guests will still use respective Alaska and Virgin America mobile apps, websites and airport terminals when traveling. But when Alaska and Virgin America move to a single reservations system in late April 2018, guests can expect a more streamlined travel experience, with the Alaska mobile app and website serving their travel needs.

INDUSTRY PEOPLE



Hélène Moreau-Leroy

- **Hélène Moreau-Leroy** has been named Director of the Zodiac integration project, tasked with preparing the integration of Zodiac Aerospace, which will be implemented following Safran’s public offering. She reports to **Jean-Jacques Orsini**, Safran Executive Vice President, Performance and Competitiveness. **Franck Saudo** has been named CEO of Safran Transmission Systems, taking over from Hélène Moreau-Leroy.



George Xu

- **Eric Chen**, previously President of Airbus Commercial Aircraft China, succeeds **Laurence Barron** as Chairman of Airbus China. Simultaneously, **George Xu** has been appointed CEO of Airbus China. In his role as

country head of Airbus China, Xu is responsible for all Airbus commercial aircraft activities and for leading the company’s helicopter, defense and space businesses in China.

- The International Society of Transport Aircraft Trading (ISTAT) has announced the

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**Operating Lease Seminar 2018**  
March 20, 2018 - Hilton Garden Inn Hotel, Dallas

**Aircraft Records & Total Asset Management Seminar 2018**  
April 18, 2018 - Gibson Hotel, Dublin, Ireland

**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

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appointment of **Jeff Straebler** as Executive Director of the ISTAT Appraisers’ Program (IAP), the certification and continuing education program for airline transport aircraft appraisal professionals. This new dedicated full-time role was deemed essential by the ISTAT Board of Directors given the nearly 70% increase in certified appraisers in the last five years, with 20 candidates currently progressing towards appraiser status. In addition, the Board seeks to further elevate the program within the aviation community.

- Aero Controls welcomes **Steve Richardson** as new Chief Financial Officer who will be responsible for financial strategies to support the company’s objectives and maintain the organizations strong financial health. Richardson enters into this role after long time CFO, **Mary Ann Burns**, steps down to focus on affiliated company business. He has an extensive experience in finance within the manufacturing industry and other aviation companies such as AEC.

- **Gary Beck** will be Horizon Air’s new president and chief executive officer and **Constance von Muehlen** will be its chief operating officer. Beck is not a newcomer to Alaska Air Group, having served Alaska Airlines from 2008 to June 2015 as vice president of flight operations. Von Muehlen is a former U.S. Army Black Hawk helicopter pilot and seven-year veteran of Alaska Airlines Maintenance and Engineering division.

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### Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	ORIX Aviation	CFM56-5B5/P	2385	2005	Q1/2019	Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 871774524
A320-200	Castlelake	V2527-A5	2288	2003	Q4/2018	Lease	Michael Hackett	michael.hackett@castlelake.com	+44 20 7190 6120
A320-200	Castlelake	V2527-A5	2161	2003	Q4/2018	Lease	Michael Hackett	michael.hackett@castlelake.com	+44 20 7190 6120
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		Dec 2017	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
B737-400	Aersale	CFM56-3C1	25417	1991	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-800	ORIX Aviation	CFM56-7B26	34701	2006	Q1/2018	Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 871774524
B737-800	ORIX Aviation	CFM56-7B24E	40287	2012	Q1/2019	Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 871774524
B737-800	Aersale	CFM56-7B26	32917	2002	Q1/2018	Sale / Lease	Sally Browne	Sally.Browne@aersale.com	+353 86 021 4841
B737-800	Aersale	CFM56-7B26	32624	2001	Q1/2018	Sale / Lease	Sally Browne	Sally.Browne@aersale.com	+353 86 021 4841
B737-800	World Star Aviation Services	CFM56-7B26	32604	2002	Now	Lease	Paulo Bettencourt	pbettencourt@worldstaraviation.com	+1 415-956-9454
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
B747-400BCF	Jet Midwest	PW4056-3	27044	1990	Now	Sale / Lease	Kevin Lee	aircraft@jetmidwest.com	+1-310-652-0296
B757-200F	Aerolease	RB211	22211		Now	Sale / Lease	Tim Corley	tcorley@aerolease.com	+1 (360) 870-9172
B757-200F	Aerolease	RB211	22611		Now	Sale / Lease	Tim Corley	tcorley@aerolease.com	+1 (360) 870-9172
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
CRJ-200LR	Regional One	CF34-3B1	7484	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
CRJ-700	Regional One	CF34-8C5B1	10246	2006	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
CRJ-700	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
DASH8-311	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
Dornier 328-300	Regional One	PW306B	3145	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
Dornier 328-300	Regional One	PW306B	3185	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
ERJ-170LR	AerFin	CF34-8E	170012		Now	Sale / Lease	Mark Dunnachie	mark.dunnachie@aerfin.com	+44 2920 109 898
ERJ-145	Regional One	AE3007A1P	145291	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
SF340B	Jet Midwest	CT7-9B	320	1992	Now	Sale / Lease	Kevin Lee	aircraft@jetmidwest.com	+1-310-652-0296

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### 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>					
(1) AE3007A1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(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>					
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) CF34-8C5/B1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) CF34-8E	Now - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
(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) CF34-10E7	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
<b>CF6 Engines</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) CF6-80C2B6F	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	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(5) CF6-80C2B1F	Now - Sale			aircrafttrading@gatelesis.com	
<b>CFM56 Engines</b>					
(1) CFM56-3C1	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610
(1) CFM56-5A3	Nov 17 - Sale / Lease				
(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) CFM56-7B26/3	Now - Lease				
(2) CFM56-5C4/P	Now - Sale / Lease	Castlelake	Stuart MacGregor	stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B26	Now - Sale/Lease/Exch.	AerSale, Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(2) CFM56-3C1	Now - Sale / Lease				
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-7B20 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) CFM56-5B4/P TRUEngine™	Now - Sale / Exchange				



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(1) CFM56-5C4/P	Now - Sale	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
(4) CFM56-5C4	Now - Sale				
(1) CFM56-5B	Now - Sale / Lease				
(1) CFM56-7B	Now - Sale / Lease				
(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) CFM56-5B4/3	Soon - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(2) CFM56-5C4/P	Soon - Lease				
(1) CFM56-7B26	Now - Lease				
(1) CFM56-5B4/P	Soon - Lease				
(1) CFM56-7B24/3	Now - Lease				
<b>JT8D and JT9D Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) JT8D-219	Now - Sale	Azure Resources	Jeffrey Young	jeff@azureres.com	+1-954-796-8158
(1) JT9D-7R4D-E	Now - Sale/Lease	Jet Midwest	Kevin Lee	engines@jetmidwest.com	+1-310-652-0296
(1) JT8D-219	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1 954 676 3111
<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	Ann Lee	alee@willislease.com	+1 (415) 408 4769
<b>LEAP Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) LEAP-1A33	Soon - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
<b>PW Small Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) PW121 (Dash 8)	Now - Sale / Lease	Magellan Aviation Group	Bill Poly	bill.poly@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.				
(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	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW150 GRB	Now - Lease				
(1) PW124B	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
(2) PW127E/F			Remi Krysz	rkrysz@logix.aero	+33.6.2079.1039
(4) PW127M					
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610

### Commerical Engines (cont.)

PW4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) PW4056-1	Now - Sale/Lease/Exch.	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) PW4056-3	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW4168A-1D	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(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) PW4056-3	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-535	Now - Sale/Lease	Jet Midwest	Dave Williams	dave.williams@jetmidwest.com	+1-817-791-4930
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(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
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
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	Now - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
(1) V2533-A5	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werner aero.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) GTCP331-350C	Now - Sale				
(1) GTCP36-150RJ, (2) GTCP36-100M,	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) RE220RJ, (1) PW126 RGB, (1) PW901A					
(1) APS1000-C12, (1) APS1000-C3					
GTCP131-9A (2), GTCP131-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
Neutral CFM56-5B & CFM56-7B QEC Kits	Now - Sale	CFM Materials	Michael Arellano	michael.arellano@cfmmaterials.com	+1 214-988-6676
(3) APS2300, (1) GTCP331-350C	Now - Sale / Lease	AirFin	Nick Filce	Nick.Filce@aerfin.com	+44 7770 618 791
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	rlawsley@logix.aero	+44.79.0021.8657
APS3200, APS2300, GTCP85-129H					
APU GTCP 331-500	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
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
B737-400 main landing gears, with 2015 tags		World Star Aviation Services	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-22000
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: 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@Werner aero.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