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WORLD NEWS

British Airways in fresh strike action fears

Thousands of cabin crew working for British Airways 'Mixed Fleet' have voted overwhelmingly in favour of strike action over poverty pay and broken promises, according to their union, Unite. Since 2010 all British Airways new cabin crew employees have joined the 'Mixed Fleet'. Earnings were advertised between £21,000 and £25,000 but in reality start at just over £12,000 plus £3 an hour flying pay, say Unite. If the strike peruses it will disrupt a number of the airline's operations from its Heathrow hub over the festive season. BA have said: "We have proposed a fair and reasonable pay increase to Mixed Fleet cabin crew which is in line with that accepted by other British Airways colleagues and which will ensure their reward levels remain in line with cabin crew at our airline competitors."

Mumbai first airport in India to introduce self-bag-drop

Mumbai International Airport is offering its passengers greater convenience when checking in their baggage with the introduction of SITA's Scan&Fly bag drop units at Mumbai's Chhatrapati Shivaji International airport, the country's second busiest airport. MIAL has deployed Scan&Fly units throughout the airport, allowing passengers that have already checked in online to quickly tag and drop their baggage before heading directly to the gate. The units are available to passengers of Air India, Jet Airways, SpiceJet, Go and Indigo.

Wizz Air announces 27th base

Wizz Air, announced that it will open its 27th base on 21 July 2017 in Varna (Bulgaria) with one new Airbus A320 aircraft. Already served by Wizz Air flights, Varna will be Wizz Air's second Bulgarian airport with base operations.

Air Tanzania has chosen the 787 to operate its long-haul operations.

Photo: Boeing

Air Tanzania in fleet revamp

Flag carrier steps up modernisation

East African carrier Air Tanzania after several years in the doldrums seems to have sparked back to life with a string of orders and delivers for new generation aircraft.

The Government of Tanzania just placed an order for one 787-8 Dreamliner, valued at $224.6 million at list prices. The aircraft will be operated by Air Tanzania.

In a statement, the airline said, "The 787 will be the flagship aircraft as we renew and grow the Air Tanzania fleet. We aim to establish our long-haul capability by starting flights to Europe, Asia and the U.S.A over the coming years and the 787 is the perfect aircraft to achieve this ambition. Our hub airport at Dar es Salaam is well located to provide connections onwards across east Africa, capitalising on the growing demand for tourism in Tanzania and throughout the region from intercontinental markets."

> "The 787 will be the flagship aircraft as we renew and grow the Air Tanzania fleet."
>
> *Air Tanzania*

"I am pleased to welcome Air Tanzania as the newest member of the Dreamliner family," said Van Rex Gallard, VP, Latin America, Africa and Caribbean Sales at Boeing. "We are honoured that Air Tanzania has chosen the 787 to operate its long-haul operations. The 787 will significantly increase passenger numbers feeding on to its domestic flights thereby boosting overall tourism to Tanzania."

Just earlier this month, Bombardier announced firm purchase agreements for two CS300 jetliners and one Q400 turboprop aircraft that will be leased to and operated by the Dar es Salaam – based carrier. Based on the list prices of the CS300 and Q400

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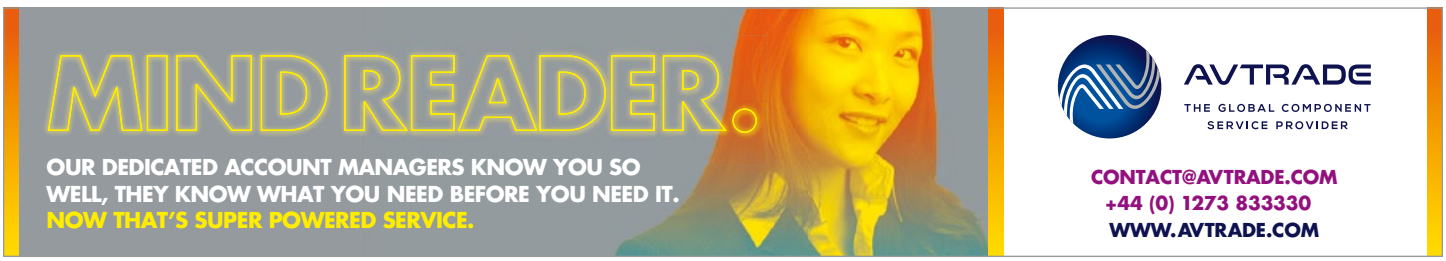

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aircraft, the combined value of the purchase agreements is approximately U$200 million.

"The domestic market in Tanzania as well as the regional market are becoming more competitive as both business and leisure travel are steadily increasing," said Dr. Leonard Chamuriho, Permanent Secretary at Tanzania's Ministry of Works, Communications and Transport. "Therefore it is vital to operate aircraft that offer superb passenger comfort and amenities. Of course, high reliability, operational flexibility, as well as excellent fuel efficiency and economics are also necessary. Both the Q400 and CS300 aircraft more than satisfy these parameters."

In September this year, Air Tanzania already took delivery of two new Q400 aircraft. "Tanzania is a large country with some challenging airfields, and the Q400 turboprop's capability to operate at these airports, its jet-like speed, long-range cruise capability and outstanding turboprop economics were key factors that guided us in selecting the aircraft for our operations," added Dr. Chamuriho. "The level of in-continent support that Bombardier offers is also very important for us."

Two CS300 jetliners and one more Q400 will also join the fleet *Photo: Bombardier*

AIRCRAFT & ENGINE NEWS

SAS finances five additional Airbus A320neo aircraft through sale and leaseback

SAS has secured financing of an additional five Airbus A320neo through the signing of a sale-and-leaseback agreement with SMBC Aviation Capital. The aircraft will be delivered between 2016 and 2018. The agreement means that SAS, at the time of delivery of the respective aircraft, will sell the aircraft to SMBC Aviation Capital and then lease them back during a long-term lease period. Through this agreement, SAS has, until now, agreed on the financing of twelve Airbus A320neos of an order of 30 aircraft. SAS has also agreed letters of intents regarding the financing of a further six Airbus A320neos.

Boeing, Iran Air announce agreement for 80 airplanes

Boeing and Iran Air have announced an agreement for the purchase of 80 aircraft, including 50 737 MAX 8s, 15 777-300ERs, and 15 777-9s,

PEMCO redelivers first Longhao passenger-to-freighter converted 737

PEMCO redelivers first Longhao passenger-to-freighter converted 737 *Photo: PEMCO*

Pemco World Air Services (PEMCO) has redelivered its first B737-300 passenger-to-freighter converted aircraft (MSN 29069) to Guangdong Long Hao Aviation Group. The Guangzhou-based Longhao Aviation Group has two more PEMCO-converted B737-300 aircraft in process with options for additional conversions to meet its expansion. "We are delighted to see the first aircraft finish conversion and after various testing, the aircraft's performance has proved to succeed our demand for freight/cargo transportation," said Longhao Aviation Group President Zhao Jiguang.

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valued at US$16.6bn at list prices. Based on its Memorandum of Agreement (MOA) with Iran Air announced in June, the contract was reached within the terms of the U.S. Government license issued to Boeing in September. Boeing coordinated closely with the U.S. Government throughout the process leading up to the sale and continues to follow all license requirements as it moves forward to implement the sales agreement. Today's agreement will support tens of thousands of U.S. jobs directly associated with production and delivery of the 777-300ERs, and nearly 100,000 U.S. jobs in the U.S. aerospace value stream for the full course of deliveries. The first airplanes under this agreement are scheduled for delivery in 2018.

Embraer delivers two Phenom 300s to China's Colorful Yunnan General Aviation

Embraer has delivered two Phenom 300s to Colorful Yunnan General Aviation Co., a newly established executive jet customer based in Yunnan province, Southwest China. This is the first time Embraer has delivered its U.S.-made executive jets to a Chinese customer. These two aircraft will undertake general aviation missions in Yunnan, such as medical rescue and disaster relief work, as well as customized tourism and high-end leisure and business travel.

Doric extends lease with Air Mauritius

Ahead of schedule, Doric Flugzeugfonds 2 has extended the lease agreement with Air Mauritius by 24 months – until December 2019 at least. Doric is the asset manager of the Airbus A330-200, with the registration 3B-NBM, which was delivered in December 2007. To date, the aircraft has completed around 7,100 flights to destinations such as Hong Kong, Kuala Lumpur, Mumbai, New Delhi and Singapore. The average flight duration has been approximately 5 hours. At present, Doric has 43 aircraft under management, of which two are Airbus A330 aircraft. In December 2016, Doric added a further A330 to its asset management portfolio. This aircraft is on lease to Virgin Australia and is part of an institutional aircraft portfolio to which another three A330s will soon be added.

Intercontinental Helicopter Investment signs contract for 30 helicopters in EMS (Emergency Medical Service) configuration

Contract for additional 30 EMS helicopters sets largest EMS programme in China *Photo: Leonardo-Finmeccanica*

Leonardo-Finmeccanica and Chinese company Sino-US Intercontinental Helicopter Investment have signed a contract for 30 helicopters in EMS (Emergency Medical Service) configuration; comprising the AgustaWestland AW139 intermediate and AW169 light intermediate twin-engine models. The aircraft are expected to be delivered in 2017 and will be operated by Kingwing General Aviation, the parent company of Sino-US. With this contract, the presence of Leonardo in China grows stronger with more than 180 helicopters sold to Chinese customers to date, and 2016 setting a new record with more than 20 helicopters delivered to China. The order follows a contract signed by Sino-US earlier this year for 25 AW119Kx helicopters, which paved the path for the establishment of the largest EMS helicopter program in China. Sino-US Intercontinental has so far placed orders for over 80 helicopters comprising AW119Kx, GrandNew, AW169, AW139 and AW189 models. The growing fleet is reinforced by a similarly growing customer support presence, recently confirmed by the opening of a major warehouse facility in Shanghai.

SkyWest announces additional fleet transitions

SkyWest has reported additional fleet transitions and contract updates designed to reduce SkyWest's long-term fleet risk and to enhance its ability to respond to changing partner needs. Specifically, SkyWest's ExpressJet operation expects to transition to primarily flying dual-class aircraft in its CRJ operation by removing its CRJ200 aircraft from service over the next year. The removal of the CRJ200 aircraft reduces ExpressJet's future required investment in its 50-seat fleet and is expected to improve the airline's operating efficiency by eliminating an aircraft type from its platform. SkyWest also said that ExpressJet and American Airlines have agreed to place 12 dual-class CRJ700s into service under a multi-year term. These CRJ700s had been scheduled to be removed from service under a previously-disclosed early lease return arrangement. Additionally, SkyWest and Bombardier entered into a termination agreement covering Bombardier's residual value guarantee ("RVG") agreements on 76 CRJ200 aircraft owned by SkyWest Airlines and ExpressJet. Bombardier agreed to pay SkyWest US$90m by January 2017, along with certain other considerations, in exchange for the release. Both the required sale of each aircraft and the cost to SkyWest of returning the aircraft to mid-time condition were points of risk and uncertainty for SkyWest that this termination agreement eliminates. As a result of the expectation of removal of ExpressJet CRJ200s from service and the Bombardier RVG termination agreement, SkyWest is evaluating its total 50-seat CRJ200 fleet and related long-lived assets for impairment in Q4 2016. SkyWest currently anticipates it will record a non-cash impairment charge in Q4 2016 estimated to be in the range of US$440m to US$490m (pre-tax) on its CRJ200 aircraft and other 50-seat aircraft assets, net of the US$90m in cash proceeds from the Bombardier termination agreement.

Intrepid finances second B777-300ER delivery

Intrepid Aviation has announced the financing of its second B777-300ER from its current orderbook. The aircraft delivered on December 12, and is on long-term lease to Philippine Airlines. The transac-

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tion was arranged by Natixis and financed by Natixis, Philippine National Bank, BOT Lease, NEC Capital, and Far Eastern International Bank as lenders.

Air Caraïbes takes delivery of first ATR 72-600

French airline Air Caraïbes took delivery of its first ATR 72-600 on December 14. The aircraft, delivered in Toulouse, is part of an order for three ATR 72-600s, placed in 2014 and delivery of which will continue until 2019. The new 74-seater ATR 72-600s have four more seats than the current ATR 72-500s in operation, enabling the company to increase its capacity throughout its entire regional network. To date, Air Caraïbes operates its ATR aircraft on various connections between Pointe-à-Pitre, Fort-de-France, Saint-Martin, and Saint-Lucia, as well as on longer routes to Santo Domingo (Dominican Republic).

Aeromar receives first ATR 42-600

Aeromar has taken delivery of its first ATR 42-600. This is the first aircraft to be delivered after the announcement in Mexico last month of a contract for 8 firm ATR -600 aircraft (6 ATR 72-600s and 2 ATR 42-600s) and options for 6 additional ATR 72-600s. With this first delivery, Aeromar starts progressively replacing its previous generation fleet composed of 9 ATR 42-500s and 4 ATR 42-300s, and offers passengers the most modern regional aircraft on the market. The airline already operates two ATR 72-600s, introduced in 2013. Aeromar is a long-standing partner of ATR, having operated ATR aircraft since its foundation in 1987.

Finnair leases two A321 aircraft for the long term

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

Sukhoi Civil Aircraft to deliver third Sukhoi Business Jet to Royal Thai Air Force

Royal Thai Air Force takes delivery of third Sukhoi Business Jet *Photo: SCAC*

JSC Sukhoi Civil Aircraft (SCAC), SuperJet International (SJI) and the Royal Thai Air Force (RTAF) have signed a contract for the delivery of another Sukhoi Business Jet (SBJ). This aircraft represents the third SBJ that will join the fleet of the Royal Air Force of Thailand in 2018. The deal confirms the steady cooperation between SCAC and RTAF that began in September 2014. RTAF received two SBJs under the previous contract in July 2016. The previous SBJs for the RTAF fleet have three areas: 4-seat VIP area, 6-seat business area, and standard area accommodating 50 passengers. The third aircraft will be delivered in a two-cabin layout with a common zone for VIP and business class and will have greater capacity – up to 73 passengers, including 4 VIP passengers. It will be equipped with the latest passenger comfort systems, including various types of communication and the Inflight-Entertainment multimedia system. Its operating range is in excess of 4500 km.

ANA takes delivery of first A320neo

Tokyo-based airline ANA has taken delivery of its first A320neo becoming the first A320neo operator in Japan. ANA's A320neo is configured for 146 passengers in a two-class cabin layout with 8 business class seats and 138 economy class seats. It is powered by Pratt & Whitney's PurePower PW1100G-JM engines. ANA plans to start scheduled commercial services from Japan to Asian cities including China in January next year. ANA HOLDINGS, the parent company of

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ANA, placed orders for a total of 37 A320 Family aircraft including seven A320neos, 26 A321neos and four A321ceos in 2014 and 2015. The company also ordered three A380s this year.

MRO & PRODUCTION NEWS

Boeing selects Evergreen Aviation Technologies for 767-300 Passenger-to-Freighter conversions

Evergreen Aviation Technologies (EGAT) will perform passenger-to-freighter conversions for the 767-300 Boeing Converted Freighter (BCF) program. Under the agreement, EGAT, an award-winning aircraft Maintenance Repair and Overhaul (MRO) facility in Taiwan, will modify and convert 767-300BCFs. The first airplane converted at the facility will redeliver in 2018. Boeing has received 27 firm orders from customers worldwide for the 767-300BCF.

Arconic strengthens 3-D printing collaboration with Airbus

Arconic (ARNC) has entered into two agreements to supply Airbus 3-D printed metal parts for the airplane maker's commercial aircraft. Arconic will supply 3-D printed components made from high-temperature nickel superalloys, and 3-D printed titanium airframe parts under two separate agreements. Arconic will supply 3-D printed ducting components made of high-temperature nickel superalloys for the A320 family of aircraft. Advanced nickel superalloys offer superior heat resistance for these components, which flow hot air from the aero engine to other parts of the airframe. Under a second deal, Arconic will supply 3-D printed titanium airframe brackets, also for the A320 platform. Arconic expects to deliver the first parts under both agreements in the second quarter of 2017. These agreements build on Arconic's April 2016 deal with Airbus for 3-D printed titanium fuselage and engine pylon components. That agreement established Arconic as an innovation partner to Airbus in the fast-growing metal 3-D printing space.

Tempus Jets receives FAA Part 145 Repair Station Certification

Tempus Jets, an authorized Pilatus Sales and Service Center serving the southwest United States, has been awarded a Part 145 Repair Station Certification by the Federal Aviation Administration (FAA). The FAA 145 Certification is a stringent review of maintenance controls and procedures. The certification demonstrates Tempus Jets' competence with quality, safety, efficiency, training and technical capabilities.

IAI's TaxiBot, in final stages of certification for Airbus 320

TaxiBot – Airbus 320 during Certification tests *Photo: IAI*

Israel Aerospace Industries (IAI) is continuing to progress with its TaxiBot, the semi-robotic pilot-controlled vehicle for dispatch towing. Certification tests on an Airbus 320neo were completed successfully at Airbus facilities in Toulouse, France, on December 8, 2016. The TaxiBot reached its maximum speed of 23 knots, performed multiple turns at different speeds and tight turns at low speed. An engine start of one and both engines of the A320neo during TaxiBotting was performed satisfactorily, as were other tests conducted by Airbus test pilots. According to Robert Lafontan, Airbus Senior Vice President Engineering, following the successful completion of the final certification tests for the A320 with the TaxiBot, the formal EASA approval is expected at the beginning of 2017. TaxiBot, a semi-robotic pilot-controlled vehicle, is designed to transport commercial airline aircraft from terminal gates to the runway and back, without using the airplane's own engines. TaxiBot started dispatch-towing commercial Lufthansa Boeing 737 (Classic) flights departing out of Frankfurt Airport in November 2014.

MENA Technics WLL forms new strategic alliance with Inter-Tec

MENA Technics WLL, a subsidiary maintenance organization of MENA Aerospace, has announced a new strategic alliance with Inter-Tec, a leading UK-based aviation design, analysis, certification, problem-solving and training specialist, serving clients around the world. The purpose of the alliance is to deliver precision engineering design capabilities and the capacity to implement and carry out the work. The announcement was made by Dr. Mohamed Juman Managing Director of MENA Aerospace WLL and Fred Gorrie, Managing Director of Inter-Tec.Inter-Tec was established in 1997 by Managing Director, Fred Gorrie, and has shown considerable growth within the fixed-wing and rotorcraft sectors. The business has expanded to meet the ever-growing clients' expectations to produce innovative, precise and quality solutions across an extensive range of aircraft and helicopter platforms. MENA Technics WLL was established in November 2015 as an approved maintenance organization, offering ground services and line maintenance to local and regional aviation clients.

Monarch Aircraft Engineering secures Boeing 757 Freighter maintenance for Cygnus Air

Monarch Aircraft Engineering Limited (MAEL), the engineering division of Monarch, has secured a contract with Cygnus Air to provide C check maintenance for its Boeing 757 Freighter aircraft. Monarch Aircraft Engineering's highly skilled aircraft engineers will carry out C Check maintenance for the Madrid-based cargo airline which will include insulation blanket modification for the Spanish operator. All the maintenance work will be carried out at its London Luton Airport hangar facility and will commence this month.

MRO & PRODUCTION NEWS

AJW Group signs consignment agreement for A340-500

AJW Group has signed an agreement with a leading aircraft lessor to take on the consignment of an Airbus A340-500 MSN 572. As part of the agreement, AJW Aviation will consign the complete airframe, APU and engines, beginning the teardown December 2016. The aircraft teardown is being performed by Tarmac Aerosave in Spain, Europe's largest aircraft storage company, with full traceability on all components involved. AJW's consignment business has completed over 50 individual projects to date, including airframes and engines. It specializes in extracting components and major assets from the aircraft and monetizing them to achieve a higher return for the consignee through resale of the parts into the market.

Werner Aero Services expands APU business

Werner Aero Services is expanding its APU business and plans to further invest in this growing market for the upcoming year. In 2016, it acquired additional APU assets for its existing pool supporting narrow-body customers; particularly A320 and B737 operators. Werner Aero Services' main customer support has been in the areas of loan, lease and the management of APU repairs. In addition to the projected increase in capital investment for next year, it has hired additional experts to support its growing customer base.

Lufthansa Technik extends warehouse capacities in the USA

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

Aero Norway achieves CAAC approval

Norway-based Engine MRO facility Aero Norway AS has been granted approval by the Civil Aviation Administration of China. This follows a detailed audit from the Chinese regulatory authority in September. The engine MRO centre is now multi-release FAA, EASA, TCCA and CAAC certified. CAAC certification allows Aero Norway to carry out maintenance of engines for aircraft registered in China in accordance with CAAC Part-145. The certification covers the full spectrum of services offered by CFM-authorized Aero Norway repair station across all three engine models – CFM56-3, CFM56-5B and CFM56-7B.

Vector Aerospace receives EASA STC approval for ADS-B upgrade

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

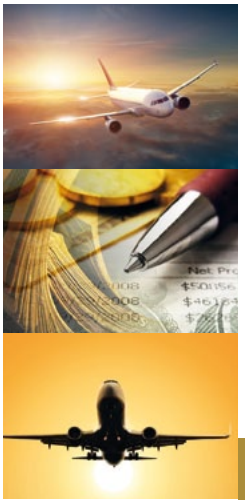
FINANCIAL NEWS

Cusco Aviation retains DelMorgan & Co. to pursue growth capital for aircraft lease portfolio acquisitions

Cusco Aviation, an aircraft and engine trading, asset management and technical services company for the aviation industry, has retained DelMorgan & Co., an internationally recognized investment banking firm, as its exclusive financial advisor to advise the company on its strategic alternatives, including growth capital investments for the acquisition of aircraft lease portfolios from existing lessors and operators. Manuel E. Cordero, President and CEO of Cusco Aviation, stated, "We are very excited about our engagement of DelMorgan & Co. Their experience and professionalism in capital raising and knowledge of the aircraft lease finance sector will help us position ourselves to pursue transactions that more fully take advantage of existing acquisition opportunities."

Bombardier releases 2017 guidance, confirms turnaround plan is on track

Bombardier has released its 2017 guidance and confirmed that its turnaround plan is on track. The announcement came ahead of the Bombardier Investor Day event, where the company will provide an update on its business outlook, highlight its 2016 accomplishments, and reaffirm both its 2018 free cash flow breakeven goal and its 2020 revenue target of US$25bn. Bombardier is targeting consolidated EBIT be-



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FINANCIAL NEWS

fore special items in the range of US$530m – US$630m for 2017, which represents a year-over-year improvement of approximately 50% at the mid-point of the range. This targeted profit growth will primarily be driven by transformation initiatives already in place, including the previously announced restructuring actions. In 2017, the company expects to spend US$250m – US$300m on restructuring to further improve efficiency, reduce costs and optimize its operations. This charge will be categorized as a special item. Bombardier also anticipates a significant improvement in its free cash flow usage for 2017, which is targeted to be in the range of US$750m to US$1.0bn, representing a year-over-year improvement of more than US$400m at the mid-point of the range. Consolidated revenue is expected to grow by low single digits, driven by growth in the rail business and the ramp-up of the C Series aircraft program.

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

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

MILITARY AND DEFENCE

Safran signs contract to support European NH90 engines

Safran Helicopter Engines has signed a 10-year contract with NAHEMA (NATO Helicopter Management Agency), to support RTM322-powered NH90 operated by the French Army Light Aviation (ALAT) and French Navy. This contract also covers the NH90 operated by Belgian Army and Navy and the Royal Netherlands Armed Forces. This contract will cover 130 rotorcraft in the coming years for a turnover of €180m (US$187m). This is Safran's first signed Global Support Package (GSP) contract to support the NH90 fleet.

OTHER NEWS

Turkish Airlines selects Panasonic for Inflight Entertainment and Communications onboard 167 aircraft
Photo: Panasonic

Turkish Airlines has selected **Panasonic Avionics Corporation's (Panasonic)** advanced eX1 inflight entertainment and communications (IFEC) system and Global Communications Services for its new fleet of narrow body aircraft. eX1 solution is an advanced narrowbody IFE system. Its uncompromising industrial design, high-definition display technologies and high fidelity audio create a home theater atmosphere that draws passengers into an immersive entertainment experience. The system will include Panasonic's unique Passenger Data Integration (PDI) service, which will allow Turkish Airlines to add higher levels of personalization to its inflight experience. PDI will also allow Turkish Airlines to seamlessly recognize the travel preferences of their guests and recommend content, services and amenities specific that will enhance their experience both in flight and in their destination city.

Alaska Airlines and the **Aircraft Mechanics Fraternal Association (AMFA)** jointly announced tentative agreement on a proposed five-year contract for the carrier's nearly 700 aircraft technicians and related employees. The proposed contract includes significant pay increases and added job protection provisions. Further details of the contract are being withheld pending a ratification vote by union members, which is expected to be completed by early March 2017. If ratified, the new contract would become amendable in October 2021. The current contract became amendable on Oct. 17, 2016.

Singapore-based **Jetstar Asia** has entered into a 10-year software agreement with **FLYdocs** for its advanced aviation data and records management platform. As part of the **Qantas Group**, which has been using FLYdocs since 2015, FLYdocs will now facilitate more-efficient and smoother records and asset management to assist Jetstar Asia with frequent inter-fleet aircraft transactions across the group. The unique advanced automation, FLYdocs, which brings across records review, auditing and processing of aircraft documentation, will drive significant cost savings for Jetstar Asia. It is expected to deliver a more than 50% reduction in manual interaction required to manage aircraft documentation. A team of FLYdocs aircraft records specialists is currently based on site in Singapore, primarily in charge of scanning historical archive records for the airline's 18 aircraft. The data migration is due to complete in December 2016 and the system should go live before the end of the year.

With some 4.1 million passengers served in November 2016, **Frankfurt Airport (FRA)** saw passenger traffic increase by 4.9% compared to the previous year, despite the Lufthansa pilot strike affecting some 345,000 passengers and almost 2,600 aircraft movements. This increase, however, was largely attributable to a base effect resulting from the cabin crew strikes in November last year. Without the two special effects, Frankfurt Airport would have achieved passenger growth of around 2%. Impacted by the strike and an unfavourable timing of weekends and weekdays in November 2016, cargo throughput (airfreight + airmail) contracted by 2.1% year-on-year to 191,461 metric tons. Aircraft

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PASSENGER STATISTICS - NOVEMBER

• **JetBlue Airways Corporation** reported its preliminary traffic results for November 2016. Traffic in November increased 7.1% from November 2015, on a capacity increase of 5.2%. Load factor for November 2016 was 85.4%, an increase of 1.5 points from November 2015.

• **WestJet** reported November 2016 traffic results with a load factor of 80.0%, an increase of 1.4 points year-over-year. Traffic increased 14.3% year over year, while capacity grew 12.4% over the same period.

• **American Airlines Group (AAL)** reported November traffic results. Total traffic for November 2016 was down 0.2% versus November 2015. Total capacity was up 0.1% versus November 2015. Total passenger load factor was 80.9%, down 0.3 points versus November 2015.

OTHER NEWS

movements increased slightly by 0.7% to a total of 33,556 take-offs and landings. Accumulated maximum take-off weights (MTOWs) reached approximately 2.18 million metric tons, thus remaining almost unchanged from the previous year (up 0.2%). Airports in Fraport AG's international portfolio reported mixed results in November 2016. A total of 99,082 passengers used Ljubljana Airport (LJU) in Slovenia's capital city – an increase of 5.5% year-on-year. Lima Airport (LIM) in Peru continued to report growth of 7.6% to some 1.5 million passengers. Combined, the two Twin Star airports of Varna (VAR) and Burgas (BOJ) on the Bulgarian Black Sea coast welcomed 33,280 passengers in the reporting month. While this represents a decline of 18.2%, it must be taken into account that BOJ is closed during November and December 2016 due to renovation works on the runway system. A total of 871,390 passengers used Antalya Airport (AYT) in Turkey, down 17.5%. Traffic at Pulkovo Airport (LED) in St. Petersburg, Russia, markedly increased by 19.5% to 952,235 passengers. In northern Germany, Hanover Airport (HAJ) saw passenger numbers decrease by 8.1% to 350,954 in the reporting month. Xi'an Airport (XIY) in China, by contrast, reported an increase in passenger traffic of 14.2% to just under 3.0 million passengers.

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

Boliviana de Aviación, the flag carrier of Bolivia, has selected **Panasonic Avionics Corporation's**

SOUTH AFRICAN AIRWAYS
TECHNICAL
STAR ALLIANCE

SAA Technical (SOC) Limited
(Reg. No 1999/024058/30)
Situated at OR Tambo International Airport
Republic of South Africa
(Hereinafter referred to as "SAAT")

REQUEST FOR INFORMATION (RFI) FOR THE FOLLOWING:

RFI NO. SAAT026/16

Request for Information to acquire passenger cabin layout re-configuration supplemental type certificate or Service Bulletin for the 2x A340-600 and 2 x A340-300 retrofit programs.

Enquiries may be directed **ONLY** in writing to the Project Manager:
Viwe Bingwa – oumabingwa@flysaa.com

SAAT hereby invites suitably qualified suppliers to tender for the above request.
RFI documents will be made available for download on
http://www.flysaa.com/za/en/footerlinks/aboutUs/saa-tenders.html
from **20 December 2016, 11h00 (GMT+2)**

The submission closing date is **07 February 2017, at 11h00 (GMT+2)**
No late submissions will be considered

OTHER NEWS

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

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

ExxonMobil's Mobil Jet Oil 387 has been officially approved in Integrated Drive Generators (IDGs) produced by **UTC Aerospace Systems**. This accessory is used to supply constant frequency AC electrical power to an aircraft. After reviewing the performance over 2 years, results from the service evaluations revealed that Mobil Jet Oil 387 can provide outstanding component protection and oxidative stability even under the stressful high-temperature conditions – which are common with IDGs. This accessory can be found in many commercial and military aircraft applications, so, now airlines have an opportunity to use Mobil Jet Oil 387 in both their engines and IDGs mounted on accessory gearboxes.

INDUSTRY PEOPLE

Tim Bueschen

• C&L Aerospace continues its commitment to global coverage and support with the recent hire of **Tim Bueschen**, who joins C&L's Bangor, Maine, office to cover the Southern US, Caribbean Central and South American regions. Bueschen has 22-years of experience in the spares industry. Most recently, he was Regional Sales Manager for Bombardier Aerospace for Europe, Middle East and Africa. For 18 years before that, he worked for a leading distributor and marketer of aftermarket automotive equipment and accessories.

• **Géry Mortreux** has been appointed Executive Vice President of Air France Industries, effective January 1, 2017, taking over from **Anne Brachet**, who was appointed as Executive Vice President AIR FRANCE KLM Engineering & Maintenance in early December.

George Whiteside

• Avtrade is pleased to announce the appointment of **George Whiteside** as Regional VP Sales – Australasia. George joined Avtrade's Sales department in 2014 where he gained valuable experience and knowledge of 24 hour AOG support, sales and key account management. Based in Melbourne Australia, as Regional VP Sales – Australasia, George will be responsible for offering dedicated account management, building customer relationships and maximising sales opportunities with new and existing customers in the region.

• Sabre Corporation (SABR) has appointed **Sean Menke** as president, CEO and a member of Sabre's board, effective Dec. 31, 2016. Menke will succeed **Tom Klein**, who has served as president, CEO and board member since 2013. In addition, the board named **Larry Kellner**, currently the non-executive chairman of the board, as executive chairman, also effective Dec. 31, 2016.

Recommended Events

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+44 (0) 7941 969401
everest@everestevents.co.uk

Aircraft Asset Management Seminar 2017
February 13, 2017 – February 14, 2017
Eaton Hotel, Hong Kong

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

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

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

Click here for more aviation events

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editor@avitrader.com

Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	ORIX Aviation	V2522-A5	2501	2005	Jun 2017	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 871774524
A319-100	ORIX Aviation	CFM56-5B5/P	2385	2005	Feb 2018	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 871774524
A320-200	ORIX Aviation	V2527-A5	2680	2006	Oct 2017	Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 863 350 004
A320-233	FPG Amentum	V2527-A5	3543	2008	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A320-233	FPG Amentum	V2527-A5	3524	2008	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A330-200	ORIX Aviation	CF6-80E1A3	887	2007	Q1/2018	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 871774524
A330-223	FPG Amentum	PW4168A	943	2008	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A330-223	FPG Amentum	PW4168A	962	2008	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A330-223	FPG Amentum	PW4168A	979	2009	Now	Sale / Lease	Jack Hynes	marketing@fpg-amentum.aero	+353 16398125
A340-300	Castlelake	CFM56-5C4/P	163	1996	Now	Sale / Lease	Michael Hackett	michael.hackett@castlelake.com	+44-207-190-6120
A340-300	Castlelake	CFM56-5C4/P	236	1998	Now	Sale / Lease	Michael Hackett	michael.hackett@castlelake.com	+44-207-190-6120
A340-313	AerFin	CFM56-5C4	157	1996	Now	Sale / Lease	R. Rosser		+442921676296
B737-300	Aersale	CFM56-3C1	27910		Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-300	World Star Aviation Services	CFM56-3C1	28873		Now	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-300	World Star Aviation Services	CFM56-3C1	29266	1999	Feb 2017	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-300	World Star Aviation Services	CFM56-3C1	29267	1999	Feb 2017	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-400	World Star Aviation Services	CFM56-3C1	24332		Q4/2016	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-400	Safair Operations	Combi	East Africa		Now	ACMI only	C. Schoonderwoerd	corneliss@safair.co.za	+27 11 928 0000
B737-400	Aersale	CFM56-3C1	25417		Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-400	Aersale	CFM56-3C1	27149	1993	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-800	ORIX Aviation	CFM56-7B26	33973	2004	Jul 2017	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 871774524
B737-800	Fortress Investment Group	CFM56-7B26	29888	2002	Now	Lease	Jeff Lewis	aviation@fortress.com	+1 (305) 833-0309
B737-800	GA Telesis	CFM56-7B26	29104	1998	Q4/2016	Sale	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
B737-800	GA Telesis	CFM56-7B26	28402	1998	Q4/2016	Sale	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
B737-800	Aersale	CFM56-7B26	32624	2001	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-800	Aersale	CFM56-7B26	32625	2001	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B747-400	Fortress Investment Group	CF6-80C2B1F	28959	1998	Now	Lease	Jeff Lewis	aviation@fortress.com	+1 (305) 833-0309
B747-400	GA Telesis	RB211-524	26637	1992	Now	Sale	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
B757-200	Fortress Investment Group	RB211-535E4	27260	1994	Now	Sale / Lease	Jeff Lewis	aviation@fortress.com	+1 (305) 833-0309
B757-200F	Aerolease	RB211	22211		Jun 2017	Sale / Lease	Tim Corley	tcorley@aerolease.com	+1 (360) 870-9172
B757-200F	Aerolease	RB211	22611		Apr 2017	Sale / Lease	Tim Corley	tcorley@aerolease.com	+1 (360) 870-9172
B757-222	Bristol Associates	PW2037	25157	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25322	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25396	1992	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25398	1992	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25698	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B767-27GER	Aersale	CF6-80C2B4F	27048		Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B767-300ER	Aersale	RB211-524	28149		Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B777-200	GA Telesis	P&W	26925	1995	Now	Sale	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
B777-200ER	GA Telesis	P&W	30214	1999	Now	Sale / Lease	S.Jung/K.Milligan	AircraftTrading@gatelesis.com	+1 954-958-1321
DC8	Aersale	No engines	46094	1969	Now	Sale	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238

Regional Jet / Turboprop Aircraft

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

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Regional Jet / Turboprop Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
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-135ER	Bristol Associates		145176	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135ER	Bristol Associates		145186	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135ER	Bristol Associates		145192	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145410	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145413	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145504	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145LR	Bristol Associates	AE3007-A1/3	145208	1999	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145LR	Bristol Associates	AE3007-A1/3	145239	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145LR	Bristol Associates	AE3007-A1/3	145302	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000

Commerical Engines

Multiple Types	Sale / Lease	Company	Contact	Email	Phone
Multiple Engines GE / CFM / RB211	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
AE3007 Engines	**Sale / Lease**	**Company**	**Contact**	**Email**	**Phone**
(1) AE3007A1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(3) AE3007	Now - Sale	GA Telesis	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
CF34 Engines	**Sale / Lease**	**Company**	**Contact**	**Email**	**Phone**
CF34-8E5	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
CF34-10E	Now - Lease				
CF34-8C	Now - Lease				
CF34-3B1	Now - Lease				
CF34-3A	Now - Sale / Lease				
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CF34-10E7	Now - Lease				
(2) CF34-8C5B1	Now - Sale / Lease	Regional One	Chris Furlan	cfurlan@regionalone.com	·1(305) 759-0670 Ext.164
(1) CF34-3B1	Now - Sale / Lease				
(1) CF34-10E5A1	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF34-3B1	Now - Sale				
(1) CF34-8C5/B1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
(2) CF34-10E6	Now - Lease	Willis Lease	David Desaulniers	ddesaulniers@willislease.com	+1 415 516 4837
(1) CF34-3B1	Now - Lease				
(1) CF34-10E7	Now - Lease				
CF6 Engines	**Sale / Lease**	**Company**	**Contact**	**Email**	**Phone**
(1) CF6-80C2B1F	Now - Sale / Lease	AerSale. Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CF6-80C2A5	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CF6-80C2B6F	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) CF6-80C2B7F	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) CF6-80C2B7F	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) CF6-80C2B6F	Now - Sale / Lease				
(1) CF6-80C2B1F	Now - Sale / Lease				
(1) CF6-80C2B7F	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
CFM56 Engines	**Sale / Lease**	**Company**	**Contact**	**Email**	**Phone**
(2) CFM56-5C4	Now - Sale/Lease/Exch.	TrueAero, LLC	Ed Blyskal	eblyskal@trueaero.com	+1 305-525-7308
(1) CFM56-5C4/P	Now - Sale/Lease/Exch.				
(1) CFM56-3C1	Now - Sale	European Capital Corporation	Iacovos Yiakoumi	commercial@europeancapitalcorp.com	+35722873250
(1) CFM56-3B2					
(1) CFM56-7B27	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-5B1	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-5C4	Now - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
(1) CFM56-3C1	Now - Sale / Lease				
(1) CFM56-5B2/P	Now - Sale / Lease	Castlelake	Neil McCrossan	neil.mccrossan@castlelake.com	+44-207-190-6119
(1) CFM56-5C4/P	Now - Sale / Lease				
(1) CFM56-5B	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111

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Commerical Engines (cont.)

CFM56 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-7B27/3B1F	Now - Sale/Lease/Exch.	AerSale. Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CFM56-5C3/F	Now - Sale / Lease				
(1) CFM56-5A1/F	Now - Sale/Lease/Exch.				
(1) CFM56-3C1	Now - Sale / Lease				
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-3C1	Now - Lease	TES Aviation Group	Klaus Broker	klaus.broker@tesaviation.com	+44 1656 765 280
(1) CFM56-5C4	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(2) CFM56-3C1	Now - Sale / Exchange	CFM Materials	Steven Jefferson	Steven.Jefferson@cfmmaterials.com	+1 214-988-6640
(2) CFM56-7B26	Now - Sale / Exchange		Jimmy Hill	Jimmy.Hill@cfmmaterials.com	+1 214-988-6670
(1) CFM56-7B22	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) CFM56-3B2	Now - Sale / Lease				
(1) CFM56-7B24	Now - Sale / Lease				
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-7B27	Now - Sale / Lease				
(1) CFM56-3C1	Now - Sale / Lease				
(1) CFM56-7B	Now - Sale/Lease/Exch.	AerFin	R. Rosser		+442921676296
(2) CFM56-5C3/F4	Now - Sale/Lease/Exch.				
(1) CFM56-5B	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werneraero.com	+1-703-402-7430
(1) CFM56-7B	Now - Sale/Lease/Exch.				
(1) CFM56-7B24 (Non-TI)	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
(2) CFM56-7B24/3	Now - Lease				
GEnx Engines	**Sale / Lease**	**Company**	**Contact**	**Email**	**Phone**
GEnx-1B74/75	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
JT8D and JT9D Engines	**Sale / Lease**	**Company**	**Contact**	**Email**	**Phone**
(1) JT8D-219	Now - Sale	Azure Resources	Jeffrey Young	jeff@azureres.com	+1-954-796-8158
PW Small Engines	**Sale / Lease**	**Company**	**Contact**	**Email**	**Phone**
(1) PW121 (Dash 8)	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW123B/D/E	Now - Sale / Lease				
(1) PW124B	Now - Sale / Lease				
(1) PW121 (ATR)	Now - Sale / Lease				
(1) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Now - Sale / Lease				
(2) PW121 (ATR)	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	ddesaulniers@willislease.com	+1 415 516 4837
(2) PW121-8	Now - Sale/Lease/Exch.				
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(2) PW127F	Now - Sale/Lease/Exch.				
(2) PW124B	Now - Sale/Lease/Exch.				
(1) PW120A	Now - Sale / Lease	Regional One	Chris Furlan	cfurlan@regionalone.com	·1(305) 759-0670 Ext.164
(1) PW120	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW123E	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(4) PW126	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW121	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW121	Now - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
PW119B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW119B	Now - Lease				
PW120A	Now - Lease				
PW121 (ATR)	Now - Lease				
PW123B	Now - Lease				
PW124B	Now - Lease				
PW125B	Now - Lease				
PW127F	Now - Lease				
PW127M	Now - Lease				
PW150A	Now - Lease				
PW150 GRB	Now - Lease				
PW2000 Engines	**Sale / Lease**	**Company**	**Contact**	**Email**	**Phone**
(1) PW2037M	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) PW2040	Now - Sale / Lease				

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

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(5) A340 fresh part outs	Now - Sale	TrueAero, LLC	Dan Barton/Dave Walters	sales@trueaero.com	+1 772-925-8026
A320 Landing Gear with Fresh Tags	Now - Sale				
A340 Landing Gear	Now - Sale				
CTCP331-350C (4) PN 3800454-6	Now - Sale				
GTCP36-300A, PN 3800278-4	Now - Sale				
(1) GTCP36-150RJ, (2) GTCP36-100M,	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) APS500C7B, (5) APS500C7D, (1) RE220RJ,					
(1) APS1000-C12, (1) APS1000-C3					
(1) PW901A, (1) PW126 RGB					
GTCP131-9A (2), GTCP131-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
APS 2000, PW901A	Now - Sale/Lease/Exchange	AerSale. Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
APU GTCP 331-500B	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
B737-400 main landing gears, with 2015 tags		World Star Aviation Services	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-22000
GTCP131-9B	Now - Sale / Loan	Avtrade	Alex Eales	alex.eales@avtrade.com	+44 (0) 1273 833330
767-300ER 413K LANDING GEAR	Now - Sale	Azure Resources	Jeffrey Young	jeff@azureres.com	+1-954-796-8158
737-300/400 LANDING GEAR					
CFM56-3 MODULES					
Engine Stands		Tradewinds Engine Services	Brad Pleimann	bpleimann@tesllc.aero	+1 954-421-2510
CFM56-5B, CFM56-5C, CFM56-7B, V2500	Lease				
CFM56-7B QEC KIT P/N 654A00017141	Sale / Lease				
Engine stands: TRENT 800, CFM56		National Aero Stands	Yexceld Perez	yperez@stands.aero	+ 1 305-558-8973
V2500 / PW2000 / PW4000 94" & 100"					
GTCP131-9A, GTCP 131-9B	Now - Sale / Lease	Werner Aero Services	Julien Levy	jlevy@Werneraero.com	+1 201-674-9999
GTCP36-300A, 737-800 Winglets	Now - Sale / Lease				
737-700 & 737-800 Landing Gear	Now - Sale / Lease				
737-800 NOSE LANDING GEAR PN 162A1100-5, OH - Now Sale		Reliance Aircraft	Terry Hix	thix@relianceaircraft.com	+1 512-439-6988
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368