

AVI TRADER WEEKLY AVIATION HEADLINES

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WORLD NEWS

NATS opens dedicated MENA office

British air traffic control specialists NATS opened its headquarters for the Middle East and North Africa region, with a permanent office in Dubai, UAE. With the GCC states expected to serve 450 million passengers annually by 2020, and with total aircraft movements in the Gulf's airspace predicted to reach over 2.3 million, like many others within the aviation industry, NATS sees an urgent need for these countries to master its invisible infrastructure – its airspace.

Virgin Australia to take full ownership of Tigerair

Virgin Australia Holdings announced a transaction which would see Virgin Australia acquire the remaining 40 per cent of shares in Tiger Australia Airways Pty Ltd (Tigerair Australia) from Tiger Airways Holdings Limited (Tiger Holdings) for a price of A\$1.

Lufthansa prepares for IT changes

Lufthansa AG announced that in the course of realigning the Group's IT activities, it will be entering into a long-term IT partnership shortly. According to the terms to be agreed, Lufthansa will outsource all of the Group's IT infrastructure services to IBM. The IT group is also expected to take over the Infrastructure division of the current Lufthansa Systems AG. The outsourcing agreement is to have a term of 7 years. It will enable Lufthansa to benefit from a permanent reduction of IT infrastructure costs by average approximately 70 million EUR annually. An offer to this effect has been submitted and is now subject to final negotiations.



Acting NTSB chairman Christopher Hart speaks at the NBAA2014 opening general session.

Photo: NBAA.

Business aviation shows strong prospects

NBAA2014 ends on a high

The business aviation industry's biggest annual event – NBAA's Business Aviation Convention & Exhibition wrapped up in Orlando, Florida on October 23. The event kicked off with a very patriotic session. The first speaker at the opening general session of NBAA 2014, U.S. Republican Bill Shuster underlined the importance of American leadership in aviation and outlined his early observations on the FAA reauthorization debate, expected to get underway in 2015. "We invented aviation in America," said Shuster, "so it's absolutely vital that we think bigger than a traditional FAA reauthorization bill – and that all of you [in business aviation] play a role in this."

Overall, the NBAA said steady improvement in the business aviation market is predicted over the next few years, though at a somewhat slower pace than was predicted last year. Honeywell for instance expects another year of modest growth in

an optimistic mood within business aviation.

Also commenting on the state of the business aviation market in the U.S. NBAA president and CEO Ed Bolen, said in an open statement that he was cautiously optimistic. "I know that has been a common response to that question in recent years, but it reflects the reserved tone our industry has adopted in the aftermath of the great recession. That said, there is certainly reason for optimism. Unlike last year, when NBAA2013 opened just days after a contentious federal government shutdown was resolved – or the 2012 convention,

"In our industry we are seeing stronger aviation fuel sales, increasing flight activity and declines in the inventory of pre-owned aircraft and increasing stability in transaction prices."

Ed Bolen, NBAA president and CEO

2015, returning to levels on par with the 2001-2006 timeframe. While recovery from the great recession is slow, it is steady and momentum is noticeable. Honeywell says that industry could be back at the top of its revenue game by 2017, leading to

Continued on page 3

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GA Telesis Engine Services (GATES) is a leading provider of commercial jet engine maintenance for GE, CFMI and Pratt & Whitney engines

...continued from page 1

held in the shadow of looming federal budget sequestration – this year, we do seem to be on a firmer economic footing.”

Economists predict that the U.S. economy should continue to strengthen during the remainder of 2014. “In our industry we are seeing stronger aviation fuel sales, increasing flight activity and declines in the inventory of pre-owned aircraft and increasing stability in transaction prices,” Bolen stated.

Highlights from the event included a cabin technology education session that provided an overview of the state of cabin connectivity, and offered hope that the capabilities of on-board systems will grow as providers develop more powerful solutions to business passengers’ desires for greater speed and access.

Many session attendees were interested in

learning how the experts recommend cabin crew members deal with inflight challenges with connectivity systems. Unfortunately, many crew members don’t know much about the connectivity systems on-board their aircraft, which makes inflight troubleshooting problematic. However, session presenters offered several suggestions.

Another highlight was the FAA’s assistant administrator for NextGen, Edward Bolton who told attendees that he sees his agency and the aviation industry as a team that will bring the benefits of a new satellite-based air traffic control system to fruition. NBAA2014 was the first industry event at which Bolton, whose office is responsible for leading the modernisa-



Behind the scenes at the opening general session with Arnold Palmer and Russ Meyer. Photo: NBAA

tion of U.S. airspace through implementation of the Next Generation Air Transportation System (NextGen), discussed a recently released road-map for further NextGen development.

AIRCRAFT & ENGINE NEWS

AWAS places one new A320 aircraft on long – term lease with Jetstar Pacific Airlines

AWAS has acquired one new A320 passenger aircraft from an airline who had placed an order directly with the manufacturer, and has delivered the aircraft on long-term lease with existing customer Jetstar Pacific Airlines. Jetstar Pacific will put the aircraft into commercial operation in early November after installing end-of-wing sharklets. The aircraft will be used to expand the airline’s international operations, including plans to operate new services from Vietnam to Singapore later this month.

Nexcelle delivers nacelle hardware and advances the certification testing for GE’s Passport integrated propulsion system

Nexcelle is delivering on its integrated propulsion systems (IPS) vision for business aviation, having provided the nacelle for flight tests of GE Aviation’s Passport turbofan engine; completing initial ground tests to support this new 16,000-lb.-thrust category powerplant’s certifi-

cation; and ramping up the manufacture of nacelle components at facilities in both France and the U.S. Nexcelle is the joint venture of GE Aviation’s Middle River Aircraft Systems and Aircelle (Safran), with responsibility for the complete nacelle on Passport’s integrated propulsion system. Passport program milestones achieved by Nexcelle to date include its delivery of the complete nacelle for GE’s no. 1 flight test engine, which is now at Victorville, California for installation on a 747 testbed aircraft; along with the performance of inlet icing evaluations conducted at GE’s Manitoba outdoor cold-weather rig. A thrust reverser, built for durability tests involving 225 deployment cycles, is being readied for delivery, as is a nacelle to be utilized in fan-blade-out testing – both of which will be performed at ground-based installations.

BOC Aviation places two Boeing 777-300ER aircraft with EVA Airways Corporation

BOC Aviation announced the placement of two Boeing 777-300ER aircraft with EVA Airways Corporation for delivery in early 2017. EVA Air has been a customer of BOC Aviation since 1994, making it one of the company’s long-standing customers.

Avolon 2014 third quarter trading update

Avolon, the international aircraft leasing group, issued a trading update for the third quarter of 2014. Avolon took delivery of 8 owned and 1 managed aircraft and sold 2 aircraft in the period. Avolon also committed to acquiring six Boeing 787 Dreamliners and, as a launch customer, 15 Airbus A330neos, ending the period with an owned, managed and committed fleet of 227 aircraft.

FLY Leasing purchases three new Boeing 737-800s

FLY Leasing, a global lessor of modern commercial jet aircraft, has signed agreements with a leading Asian airline to purchase and lease back three new Boeing 737-800 aircraft. FLY has delivered the first aircraft, with the two remaining aircraft due for delivery during the current quarter.

Embraer’s Legacy 500 receives FAA certification

Embraer’s Legacy 500 executive jet was granted FAA (Federal Aviation Administration) certification during a ceremony at the National Business Aviation Association Conference and

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Exhibition, in Orlando, Florida. This approval enables entry into service of the aircraft in the United States and in countries that require such certification.

SF Airlines places order for Boeing Converted Freighters

SF Airlines has placed an order for an undisclosed number of 767-300ER passenger-to-freighter conversions (Boeing Converted Freighters). SF Airlines, a subsidiary of Shenzhen, China-based delivery services company SF Express, will accept its first redelivered 767 in the second half of 2015. The 767 Boeing Converted Freighter offers an intercontinental range capability well-suited to the mid-sized freighter market, and maximizes efficiency of operations and payload configuration. "SF Express aims to become China's most respected and reliable international courier company," said Li Sheng, President of SF Airlines. "The addition of both wide- and narrow-body Boeing freighters to our fleet will help us to continue providing quality service and expanded service networks, so as to offer efficient and reliable express delivery solutions that serve all the needs of our customers."

Terna receives two Airbus Helicopters AS350 B3e rotorcraft

Italian electrical transmission grid operator Terna has taken delivery of two Airbus Helicopters AS350 B3e rotorcraft to perform surveillance and maintenance support for power lines that deliver electricity throughout the country. These two Ecureuil family helicopters were delivered by Airbus Helicopter's long term Italian distributor, Aersud Elicotteri, who won Terna's tender and will retrofit some of the equipment required by the customer.

Airbus launches new VIP widebody cabin-concept

Airbus has launched a new VIP cabin concept, initially for the A330-200, offering a faster and more affordable way to the greater capacity, capability and comfort of a widebody for both private and government customers. Called Summit, the concept features a VIP section at the front of the cabin, and airline-style seating at the rear. "What most customers want in a widebody is the ability to carry more people and to fly them nonstop to the world," points out Airbus Chief Operating Officer, Customers, John Leahy. "The Airbus ACJ330 Summit delivers the greater capacity, comfort, and capability of a widebody, and will do so faster and more affordably than competitors, by using a modern and proven solution." The Airbus ACJ330 Summit features a bedroom with ensuite bathroom at the front, followed by an office, a conference and dining room and a working area, and then airline-style first-class and economy seating at the rear.



Airbus introduces a new way to greater capacity, comfort and capability
Photo: Airbus

Kunming Airlines signs commitment for 10 Boeing 737s

Kunming Airlines, based at Changshui International Airport in the capital city of Yunnan province, has committed to purchase 10 737s, including four Next-Generation 737-700s and six 737 MAX airplanes. The commitment, valued at \$897m at current list prices, is subject to the approval of the Chinese government and will be posted on Boeing's Orders & Deliveries website once all contingencies are cleared.

Atlas Air Worldwide places two additional Boeing 747 Freighters in ACMI Service for DHL Express

Atlas Air Worldwide Holdings announced the placement of two incremental Boeing 747 freighters into ACMI service. The two aircraft, a 747-8F and a 747-400F, will be operated in Polar Air Cargo Worldwide's express network under an ACMI arrangement for the benefit of DHL Express, the

world's leading international express shipping company, and Polar's other customers. Operations are scheduled to begin on October 26th, 2014. When the new ACMI service begins, Polar's express network will total twelve 747 freighters, consisting of five 747-8Fs and seven 747-400Fs, in ACMI on behalf of DHL and Polar's other customers. Atlas also will continue to operate a fleet of Boeing 767 Freighters in CMI service for DHL, with 11 aircraft in operation by the end of January 2015.

KLM and Amentum extend leases for four E190s

Amentum, the Dublin-based commercial aircraft leasing company, has renewed the leases for four E190s with KLM Cityhopper B.V. The leases were extended for four years. The aircraft (MSNs 19000250, 19000279, 19000322, 19000326) are owned by Global Aircraft Fund I. Amentum is the exclusive Investment & Divestment Advisor, Asset & Lease Manager and Remarketing Agent of Global Aircraft Fund I.

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MRO & PRODUCTION NEWS

Vector Aerospace renews Engine Services Agreements with CommutAir and Provincial Aerospace

Vector Aerospace Engine Services – Atlantic (ES-A) has renewed its Engine Services Agreement with CommutAir who are based in Cleveland, Ohio, United States. The agreement calls for ES-A to provide CommutAir with comprehensive engine repair and overhaul support for the Pratt & Whitney Canada (P&WC) PW123 series engines from its P&WC Distributor and Designated Overhaul Facility (DDOF) located in Summerside, Prince Edward Island, Canada. The work performed in Summerside will be augmented by ES-A’s four North American service centers, located in Atlanta, Georgia; Calgary, Alberta; Dallas, Texas; and Pittsburgh, Pennsylvania. ES-A’s Mobile Repair Team (MRT), which is designed around “Quick Turn Around Times” and is “Travel Ready” 24 hours a day, will also provide full support.

Vector Aerospace Engine Services – Atlantic, has also signed an engine services agreement with Provincial Aerospace, based in St. John’s, Newfoundland, Canada. As per the terms of

MHI and Mitsubishi Aircraft host MRJ rollout ceremony

Mitsubishi Heavy Industries (MHI) and Mitsubishi Aircraft Corporation held a rollout ceremony for the MRJ (Mitsubishi Regional Jet), a next-generation regional jet, at the Komaki Minami Plant of MHI’s Nagoya Aerospace Systems Works in Aichi Prefecture. After unveiling Japan’s first jet aircraft, MHI and Mitsubishi Aircraft are now ready to proceed toward the MRJ’s first flight, scheduled for the April-June quarter of 2015. Going forward MHI and Mitsubishi Aircraft will continue to dedicate their full efforts to ensuring the success of the MRJ project, while at the same time playing a core role in the development of the aviation industry. The two companies presently look for the MRJ’s first delivery to take place in 2017.



Rollout of the MRJ

Photo: Mitsubishi Heavy Industrie



**SOUTH AFRICAN AIRWAYS
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SAA Technical (SOC) Limited
(Reg. No 1999/024058/30)

Situated at OR Tambo International Airport
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REQUEST FOR BID (RFB) FOR THE FOLLOWING:

RFB NO. SAAT018/14

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SAAT hereby invites suitably qualified suppliers to tender for the above request.
RFB documents will be made available for download on www.flysaa.com
(Click on “About Us”, then “SAA Tenders”) from
28 October 2014, 11h00 (GMT+2)

The submission closing date for the RFB is
11 November 2014, at 11h00 (GMT+2).

No late submissions will be considered

MRO & PRODUCTION NEWS

the one-year agreement, ES-A will provide Provincial Aerospace with comprehensive engine repair and overhaul support for the Pratt & Whitney Canada (P&WC) PT6A and JT15D series engines from its P&WC Distributor and Designated Overhaul Facility (DDOF) located in Summerside, Prince Edward Island, Canada.

Embraer performs first metal cut of E-Jets E2

Embraer performed the first metal cut of the E-Jets E2, second generation of the E-Jets family of commercial jets on October 17th, at its Évora plant in Portugal. The part is the wing stub forward pressure bulkhead of the first prototype of the E190-E2 jet, whose first flight is scheduled for 2016. The pressure bulkhead is made of aviation aluminum and was manufactured at one of the advanced high-speed milling centers of the Embraer metallic structures plant in Évora. The part will now be sent to Brazil to start the first aircraft assembly. Embraer announced the choice of Évora to install the Embraer Composites and Embraer Metallics plants, in 2008, and inaugurated them in September 2012. The final assembly of the E2 jets and the delivery process to customers will be done at Embraer's headquarters in São José dos Campos, in the same facilities now used to produce the current generation of E-Jets.

Vector Aerospace signs multiple new service agreements

Vector Aerospace Engine Services – Atlantic, (ES-A) has renewed its Network Services Agreement with Turboprop East, based in North Adams, Massachusetts, United States. ES-A will provide Turboprop East with comprehensive engine repair and overhaul support for the Pratt & Whitney Canada (P&WC) PT6A and JT15D series engines from its P&WC Distributor and Designated Overhaul Facility (DDOF) located in Summerside, Prince Edward Island, Canada.

ES-A signed an Engine Services Agreement with Aerway Leasing based in Waterford, Wisconsin, United States, at the NBAA Convention in Orlando, Florida. The services agreement calls for ES-A to provide Aerway Leasing with engine repair and overhaul support for the Pratt & Whitney Canada (P&WC) PW100 series engines.

ES-A also renewed its Engine Service Agreement with Gander Aerospace Manufacturing/Evas Air based in Gander, Newfoundland, Canada. As per the terms of the exclusive agreement, ES-A provides Gander Aerospace

Comlux America completes two new VIP cabins for customers based in Asia



Comlux BBJ interior

Photo: Comlux

Comlux America, the Completion and Services center of the Comlux Group based in Indianapolis IN, has had a very busy year in 2014. The company signed two major contracts – one green completion on ACJ320 and one BBJ major refurbishment for a Chinese customer – and delivered two high-end VIP interiors – one BBJ for an Asian customer and one ACJ321 for a customer based in Central Asia. These two deliveries represent the 7th and 8th green interior completions overall for Comlux America, since becoming authorized as a service center for both Airbus and Boeing in 2010. The VIP interior of the BBJ features ultra-modern custom electric POD seats provided by Iacobucci as well as a state-of-the-art entertainment system. The cabin has four different configurations which convert lounges and offices to bedrooms and sleeping quarters.

Manufacturing/Evas Air with fixed-wing aircraft engine repair and overhaul support from its facility located in Summerside.

Saint-Gobain receives China's CAAC certification for repairs

Saint-Gobain Aerospace has been approved by the Civil Aviation Administration of China (CAAC) for the test, inspection and repair of radomes and fuselage components for civil aircraft. Radomes are radar transparent structures that house the critical weather radar system for aircraft. The repair of radomes requires specialized repair processes to assure that the radome will function properly and not degrade the critical weather radar system used to avoid bad weather while in flight. Saint-Gobain Aerospace specializes in the design, manufacture, repair and certification of high-performance aerospace composites and radomes. Saint-Gobain's Norton Armor paint system is available as an option to reduce maintenance costs and extend the service life of new and repaired radomes. Saint-Gobain is AS9100 and ISO14001 Cer-

tified and is also certified for repair of radomes and components by the FAA, EASA and CAAC.

Kaman Aerosystems awarded LTA by Rolls-Royce for Trent XWB Composite A-Frame Fairings

Kaman Aerosystems has been awarded a Long Term Supply Agreement (LTA) by Rolls-Royce to manufacture the Composite A-frame Fairings for the Trent XWB engine that will power the Airbus A350 XWB aircraft. Rolls-Royce and Kaman have entered into a multi-year contract for these parts, with a projected value in excess of \$5m. The A-Frame Fairings will be manufactured at Kaman's facility in Bennington, Vermont. Kaman is a leading supplier of integrated aerostructures, including metallic and composite structural assemblies and metallic parts for OEM and Tier I aerospace companies engaged in commercial and military aircraft and aeroengine programs. The Company provides complete aerostructure solutions including design, tooling, manufacturing, testing, and support.

MRO & PRODUCTION NEWS

Northrop Grumman to supply new Attitude and Heading Reference System for Airbus Helicopters

Northrop Grumman has been selected by Airbus Helicopters to certify and deliver its new LCR-350 Attitude and Heading Reference System (AHRS) for several helicopter platforms. Developed by Northrop Grumman's subsidiary in Germany, Northrop Grumman LITEF, the LCR-350 AHRS can be used in civil and military applications on rotary- and fixed-wing platforms, providing critical flight control data regarding an aircraft's heading and attitude. The LCR-350 AHRS features a high-performance, micro-electro-mechanical system inertial measurement unit and is based on the standard LCR-300 AHRS. Additionally, the system enables directional gyro mode operation, which minimizes magnetic compass errors. LCR-350 will be certified for various Airbus Helicopters platforms. Production of the LCR-350 is expected to begin in 2016.

Austrian Airlines selects Magnetic MRO for base maintenance support

Austrian Airlines selected Magnetic MRO to perform Heavy Maintenance services for its fleet of A320s during the winter season of 2014/2015. Under the new agreement, Magnetic MRO will take care of Austrian Airlines fleet of A320 aircraft during a nose-to-tail maintenance program from December 2014 until March 2015 in its facilities in Tallinn, Estonia. Each check with its defined ground time is unique due to different aircraft type, age and modification package added. Checks range from line to heavy maintenance events with the combination of structure tasks and landing gear replacements. Subject to availability and approval of the modifications, a number of aircraft will undergo light cabin refurbishment, such as installation of new class divider systems, or in-flight entertainment systems.

AEI redelivers 8 freighter conversions in third quarter

Aeronautical Engineers redelivered a total of eight passenger-to-freighter conversions during the third quarter of 2014. AEI redelivered a total of seven B737-400SFs and one B737-300SF freighters to various customers worldwide during the quarter. As an addition to the AEI product line, the company announced that it will be offering its customers the new eight pallet CRJ200 SF freighter conversion in mid-2015, followed by the twelve pallet B737-800SF conversion in 2017.

Boeing celebrates ground-breaking for 777X composite wing center



Boeing celebrates groundbreaking for 777X composite wing center Photo: Boeing

Boeing celebrated the ground-breaking of its new 777X Composite Wing Center at the Everett, Wash., campus. Permitting for the new 1-million-square-foot facility was completed approximately seven weeks earlier than anticipated, allowing for an accelerated start to construction. Boeing is investing more than \$1bn in the Everett site for construction and outfitting of the new building. Once completed, the facility located on the north side of the main final assembly building will help usher in composite wing fabrication for the company's newest commercial jetliner and sustain thousands of local jobs for decades to come. Completion of the new building is expected in May 2016. To date, the 777X has accumulated 300 orders and commitments. Two models will comprise the 777X family – the 777-8X, with approximately 350 seats and a range capability of more than 9,300 nautical miles; and the 777-9X, with approximately 400 seats and a range of more than 8,200 nautical miles.

Flying Colours Corp. signs joint venture agreement with China-based Sparkle Roll Technik

Flying Colours Corp., the North American MRO, completion and refurbishment specialist has today signed a multi-million dollar Joint Venture agreement with Sparkle Roll Technik Co., Ltd. ("SRT"), a business jet technical solutions provider within Sparkle Roll Aviation (Holding) Group ("SRA"). With the phase one hangar facility set up at Linyi City in Shangdong Province, China, the main business focus for the new JV will be on private jet cabin modification and aircraft maintenance. The first project, which will begin later this month, will see eight B-registered CRJ-200 aircraft, procured by SRT, converted into VIP configurations. The work schedule for each of the initial aircraft modifications is expected to take up to eight months and will be undertaken at Flying Colours Corp., Peterborough, Canada. The later conversions will have the interiors monuments manufactured in North America, with the JV's technicians completing the final installation in China. As part of the agreement, Flying Colours Corp. will train

the technicians of the JV in specific interiors techniques in Canada and will provide on-site support for the ultimate installation in China. In addition, the Flying Colours Corp. team will handle all final aircraft certification.

LMI Aerospace to supply bonded fuselage panels for new Gulfstream business jets

LMI Aerospace, a leading aerostructures and engineering services provider to commercial, business and regional, and military aerospace, has secured contracts to supply both bonded fuselage panels and numerous detail parts for Gulfstream Aerospace Corporation's recently announced new business jets. The multi-year contracts are expected to yield significant revenue for the company. Under the new agreements, LMI will produce structural assemblies, skins and components for both the Gulfstream G500 and G600 business jets. To accommodate the new work, LMI added 60,000 ft² to its Tulsa, Oklahoma, facility for processing, machining and assembly. Additional capital improvements at the LMI

MRO & PRODUCTION NEWS

facility in Vista, California, have provided the necessary capacity for the program’s stretch forming and metal fabrication requirements. LMI has contracted with NORDAM to provide the metal bonding process for the fuselage and vertical tail panels.

Thales delivers flight controls on Gulfstream G650ER

Thales has once again been selected by Gulfstream to deliver fly-by-wire flight control systems on the G650ER unveiled in May. This follows the unveiling of the G500 and G600 programmes on October 14th, which will also feature Thales fly-by-wire flight controls. The G650ER’s 7,5000 nautical miles range (13,890 kilometers), opens up more destination pairs than ever before for a business jet, including New York to Hong Kong or Los Angeles to Delhi. This requires flight controls that ensure superior performance and safety whilst reducing weight and optimising volume, therefore reducing fuel consumption. All Thales designed flight controls on Gulfstream jets have been designed specifically with these goals in mind.

Jet Aviation signs exclusive management agreement with premier Bahamas FBO



Jet Aviation signs exclusive management agreement with premier Bahamas FBO

Photo: Jet Aviation

Jet Aviation has signed an FBO management agreement with Executive Flight Support (EFS) effective January 1st, 2015. The new addition to Jet Aviation’s worldwide FBO network will be rebranded as Jet Aviation Bahamas. Managed by Jet Aviation as of 2015, EFS is the premier full-service FBO in the Bahamas, located at Lynden Pindling International Airport, the largest airport and the main international gateway into the country. EFS’s facility encompasses 305,000 ft² of ramp and a full-service FBO terminal building that includes onsite Bahamas Customs and Immigration available 24 hours, concierge service, computerized flight planning, pilot lounge, executive lounges, conference room, courtesy offices, on-site car rental and 20,000 ft² of hangar space.



**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 BID (RFB) FOR THE FOLLOWING:

**RFB NO. SP437/14
Aircraft Component Support Service (Re-advertised)**

Enquiries may be directed **ONLY** in writing to the Project Manager:
Leon Robbertse e-mail Leonrobbertse@flysaa.com
Fax No.: (011) 978 2638

SAAT hereby invites suitably qualified suppliers to tender for the above request.
RFB documents will be made available for download on www.flysaa.com
(Click on “About Us”, then “SAA Tenders”) from
Wednesday **29 October 2014**

The submission closing date for the RFB is **02 December 2014, 11h00 (GMT)**.
No late submissions will be considered.

MRO & PRODUCTION NEWS

Aviall purchases GE Aviation’s CF34-3A & -3A2 lease engines and used material

Aviall, a wholly owned subsidiary of The Boeing Company, signed an agreement with GE Aviation to become a provider of GE CF34-3A and CF34-3A2 used material and lease engines powering the Bombardier Challenger 601. The ownership transfer builds on an exclusive distributor agreement launched in 2009, where Aviall is responsible for forecasting, ordering, and delivering all genuine Original Equipment Manufacturer (OEM) replacement parts that are unique to CF34-3 engines. This agreement will leverage Aviall’s worldwide part distribution capabilities. Across the CF34 family, GE has delivered more than 6,000 engines and continuously invests in product enhancements. Today, CF34 engines are in service with more than 1,000 business jet operators and more than 200 regional jet operators.

Ameco gets authorization on A330 landing gear overhaul

Authorized by CAAC, EASA and FAA, Ameco released that it can now perform A330 landing gear overhauls. The first workload will come at the beginning of November. As the first MRO in China to develop landing gear overhaul, Ameco’s capabilities cover most A320, A321 and A330 fleet and the Boeing landing gear overhaul mainly focusing on the Boeing 737NG and Boeing 747. Aircraft Maintenance and Engineering Corporation, Beijing (Ameco Beijing) is a joint venture between Air China and Lufthansa German Airlines. It was established on August 1st 1989, with Air China holding 60% and Lufthansa 40%.

Aviation Technical Services expands service to Southwest Airlines at Kansas City Facility

Aviation Technical Services (ATS) has reached an agreement with its long-time customer Southwest Airlines to provide Maintenance, Repair and Overhaul (MRO) services to the carrier at its newly-acquired and renovated facility at Kansas City International Airport (MCI). The work will begin later this year and will take place over the course of the next three years. Over several decades, Southwest has been bringing its planes to the ATS location on Paine Field in Everett, Washington. The expansion to Kansas City is a good fit for Southwest, where the carrier operates 67 daily nonstop flights to 26 destinations.

Fireblade Aviation opens first FBO at Johannesburg’s OR Tambo International Airport



Fireblade FBO at Johannesburg OR Tambo International Airport

Photo: Fireblade Aviation

South African-based business aviation concern Fireblade Aviation has opened the first and only Fixed Base Operation (FBO) at Johannesburg’s OR Tambo International Airport. The Fireblade Aviation FBO, which became operational on September 1st, 2014, already serves domestic aircraft having welcomed its first private jet on September 2nd, 2014. It is anticipated that full approval for the dedicated Customs and Immigration Service will be given by the end of the year making it the first FBO in South Africa to welcome international travellers. The state-of-the-art facility, which represents an investment of R165m (US\$15m) by Nicky and Jonathan Oppenheimer, is a culmination of the owners’ lifetime passion for the aviation sector and a desire to fulfil a market demand for a world-class international FBO facility at South Africa’s main airport.

BizJet International is expanding capabilities for VIP & Executive Jet business in the US

In Tulsa / Oklahoma Lufthansa Technik’s US-subsubsidiary BizJet International has opened a new dedicated maintenance and refurbishment hangar. This hangar will hold up to a BBJ 737-800 size aircraft. The hangar also has customer offices in-house allowing our customer’s close access to the work being performed on their aircraft. Brian Barber, Vice President of Completions said: “Building up capacities to service on VIP and Special Mission Aircraft, especially for US customers is crucial for the market demand. With the opening of a new hangar, which is dedicated for maintenance, refurbishments, and unexpected maintenance requirements, we are able to service our customers with faster turn-times, while retaining the Lufthansa Technik world class quality.”

FINANCIAL NEWS

Triumph Group announces acquisition of North American Aircraft Services

Triumph Group announced the acquisition of North American Aircraft Services (NAAS), a leading provider of aviation maintenance, repair and overhaul (MRO) services focused primarily on plane-side aircraft fuel systems. The acquired business will operate as Triumph Aviation Services – NAAS Division and be included in the Aftermarket Services Group. The business is expected to add approximately \$35.0m in annual revenue and to be immediately accretive to earnings. Based in San Antonio, Texas, NAAS delivers line maintenance services, ground support maintenance, routine and emergency fuel systems maintenance and repairs, fuel leak detection and fuel bladder cell repair services. The company employs approximately 300 people, the majority of whom are located at FBO business units throughout the United States, as well as at international locations. NAAS does extensive business with

FINANCIAL NEWS

Boeing, Airbus, Northrop Grumman, Southwest Airlines, FedEx and UPS.

Boeing Commercial Airplanes reports 3rd-quarter revenue increase of 15%

Boeing reported third-quarter revenue increased 7% to \$23.8bn on higher deliveries. Core earnings per share (non-GAAP) increased 19% to \$2.14, driven by strong performance across the company's businesses. Third-quarter core operating earnings (non-GAAP) increased 13% to \$2.4bn from the same period of the prior year. GAAP earnings per share was \$1.86 and GAAP earnings from operations was \$2.1bn. Core earnings per share guidance for 2014 increased to between \$8.10 and \$8.30, from \$7.90 to \$8.10 on continued strong operating performance. GAAP earnings per share guidance for 2014 increased to between \$6.90 and \$7.10, from \$6.85 to \$7.05. Operating cash flow before pension contributions guidance increased to greater than \$7bn. Commercial Airplanes operating margin guidance increased to approximately 10.5%. Boeing Commercial Airplanes third-quarter revenue increased 15% to a record \$16.1bn on higher deliveries. Third-quarter operating margin was 11.2%, reflecting the dilutive impact of 787 and 747-8 deliveries and higher period costs partially offset by the delivery volume and continued strong operating performance. During the quarter, the company launched the 737 MAX 200 with a commitment from Ryanair for 100 airplanes. The 737 program has won nearly 2,300 firm orders for the 737 MAX since launch. Due to the continued strong demand for the 737 family of airplanes, the company intends to increase the 737 production rate from 42 to 47 per month in 2017, with recently announced plans to increase to 52 per month in 2018. Also during the quarter,

the first GENx-powered 787-9 Dreamliner was delivered. Commercial Airplanes booked 501 net orders during the quarter. Backlog remains strong with over 5,500 airplanes valued at a record \$430bn.

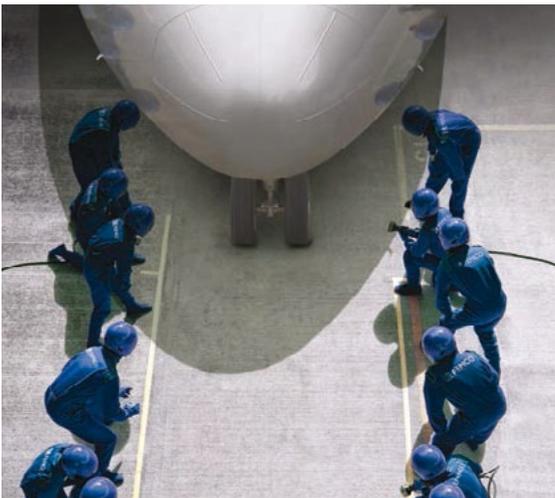
Lufthansa will outsource all of the Group's IT infrastructure services to IBM

Deutsche Lufthansa AG reported that in the course of realigning the Group's IT activities, it will shortly be entering into a long-term IT partnership. According to the terms to be agreed, Lufthansa will outsource all of the Group's IT infrastructure services to IBM. The IT group is also expected to take over the Infrastructure division of the current Lufthansa Systems AG. The outsourcing agreement is to have a term of 7 years. It will enable Lufthansa to benefit from a permanent reduction of IT infrastructure costs by average approximately €70m annually. An offer to this effect has been submitted and is now subject to final negotiations. In connection with this transaction, Lufthansa will incur €240m in one-time charges due to restructuring and effects from the purchase price in the financial year 2014. This impact will not be recognized in the operating result, which is relevant for the financial guidance, but in the IFRS net result of the Lufthansa Group and the HGB (local GAAP) result of Deutsche Lufthansa AG. The plan is to split Lufthansa Systems into three companies and to sell the Infrastructure division as part of the outsourcing process. The Airline Solutions and Industry Solutions divisions of the Lufthansa IT subsidiary are to operate as independent companies in their respective markets in the future. The agreements will be subject to the approval of the Lufthansa Supervisory Board and the antitrust authorities. Execution will also require the timely and successful conclusion of the social compensation plan and the reconciliation of interests. According to the current status of the nego-

tiations, the new partner is expected to take on all of the approximately 1,400 employees of the Infrastructure division. The Kelsterbach and Budapest sites are to be retained. Clear commitments have also been made regarding the preservation of jobs at the other sites. The split-up of Lufthansa Systems and formal launch of the new companies are due to take place in the first quarter of 2015. The completion of the Infrastructure sale is planned for March 31, 2015.

MTU Aero Engines AG slightly raises forecast in light of nine-month results

In the first nine months of 2014, MTU Aero Engines AG's revenues grew by 6% to €2,811.6m (1-9/2013: €2,659.6m). The group generated an operating profit of €270.9m (1-9/2013: €267.8m) and its EBIT margin came to 9.6% (1-9/2013: 10.1 %). Net income increased by 5% to €178.3m (1-9/2013: €169.1m). "The good nine-month results and the greater planning confidence for the remaining quarter allow us to reinstate the full-year revenue forecast of around €3,750m that we issued at the beginning of the year," said Reiner Winkler, CEO of MTU Aero Engines AG. "Moreover, we expect to achieve a higher operating profit and net income than anticipated as yet. Adjusted EBIT will probably rise to around €380 million and net income to around €250m." MTU had adjusted its revenue forecast slightly downward from €3,750m to €3,650m (2013: €3,574.1m) on the basis of the half-year figures. The outlook had included a stable adjusted EBIT of around €375m (2013: €373.1m) and an adjusted net income in the region of €245m (2013: €235.7m). The increase in group revenues in the first nine months of 2014 is mainly attributable to strong growth in the commercial engine business, where revenues rose by 12% to €1,563.9m (1-9/2013: €1,402.9 million). The engines that accounted for the largest part of these revenues were the V2500, which pow-



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FINANCIAL NEWS

ers the Airbus A320, the GP7000 for the Airbus A380, and the GENx for Boeing's 787 Dreamliner and 747-8. Revenues in the commercial maintenance business remained stable at €920.8m (1-9/2013: €911.8m). The main source of these revenues was the V2500 engine. "Our third-quarter revenues in the MRO segment were higher than ever before. This means that we have turned the corner and reversed the negative trend that affected revenues in this segment in the earlier part of the year," added Winkler.

BAE Systems signs agreement to acquire SilverSky

BAE Systems has entered into a definitive agreement to acquire Perimeter Internetworking Corp., which trades as SilverSky, a commercial cyber service provider, for \$232.5m (approximately £144.4m) on a cash-free and debt-free basis. Ian King, Chief Executive, BAE Systems, said: "The acquisition of SilverSky enhances our strategy to grow our Applied Intelligence commercial cyber security business. SilverSky has an established sales force, a complementary suite of scalable products and a large installed customer base, providing a proven route to commercial markets in the US and other countries for our combined capabilities. SilverSky's cloud-based email and network security solutions, its highly skilled resource in marketing and engineering, plus an experienced management team are an ideal fit for Applied Intelligence. Together, the enlarged business will offer corporate clients a suite of products and services to protect critical information and networks and detect cyber threats and financial crime. The enlarged business has outstanding growth opportunities." SilverSky is a leading independent cloud-based managed security services provider operating in the fast-growing cyber security market providing services including email protection, network security and managed applications. Its customer base includes approximately 5,500 customers in the financial services, retail, healthcare, energy, critical infrastructure and manufacturing sectors.

American Airlines Group reports third quarter profit

For the third quarter 2014, American Airlines Group reported a record GAAP net profit of \$942 million. This compares to a GAAP net profit of \$289m in the third quarter 2013 for AMR Corporation prior to the merger. Third quarter 2014 net profit excluding net special charges was a record \$1.2bn. This represents a 59% improvement over the combined non-

GAAP net profit of \$771m excluding net special charges for the same period in 2013. The Company's third quarter 2014 pre-tax margin excluding net special charges was 11%.

United Airlines announces 3rd-quarter net profit increase of 99%

United Airlines reported third-quarter 2014 net income of \$1.1bn, excluding \$151m of special items, its highest-ever quarterly profit and an increase of 99% year-over-year. Including special items, UAL reported third-quarter 2014 net income of \$924m. UAL ended the third quarter with \$6.9bn in unrestricted liquidity.

Southwest Airlines reports third quarter profit of \$382m

Southwest Airlines reported third quarter net income, excluding special items, of \$382m, compared to third quarter 2013 net income, excluding special items, of \$241m. This represented a 61.8% increase from third quarter 2013, and exceeded the First Call consensus estimate of \$.53 per diluted share. Third

quarter net income of \$329m, which included \$53m (net) of unfavorable special items, compared to third quarter 2013 net income of \$259m, which included \$18m (net) of favorable special items. Third quarter operating income of \$614m. Excluding special items, third quarter operating income of \$649m.

Safran posts 6.8% revenue growth in third quarter 2014

Safran's reported third-quarter 2014 adjusted revenue was €3,589m, up 6.8% on a reported basis, up 6.3% on an organic basis, compared to third quarter 2013. Aerospace Propulsion activities continue to benefit from services growth, notably civil aftermarket. Aircraft Equipment growth is principally driven by continuing OE momentum. Revenue declined slightly in Defence activities and grew for the Security activities. Third-quarter 2014 civil aftermarket was up 11.9% in USD terms, driven by a robust level of revenue in 2014, spare parts in particular, compared to a high comparison base in the year-ago quarter. The full-year 2014 adjusted revenue and adjusted EBIT outlook is confirmed.

Embraer rolls out KC-390 military airlift



KC-390 roll out

Photo: Embraer

Embraer rolled out the first prototype of the KC-390 military transport from the production hangar at the industrial plant of Gavião Peixoto, Brazil. This milestone rollout will allow the Company to perform important ground tests prior to the aircraft's first flight, planned to take place by the end of this year. Following the rollout, the aircraft will continue with initial systems evaluations leading to the first engine run, and then to the ground vibration tests and the other planned ground tests. This aircraft is the first of two prototypes that will be used in the development, ground, flight and certification test campaigns. The KC-390 is a joint project of the Brazilian Air Force with Embraer to develop and produce a tactical military transport and aerial refueling airplane that is a significant advance in terms of technology and innovation for the Brazilian aeronautics industry. The aircraft is designed to establish new standards in its category, with a lower operating cost and the flexibility to perform a variety of missions: cargo and troop transport, troop and cargo air delivery, aerial refueling, search and rescue, and combating forest fires, among others.

FINANCIAL NEWS

In the third quarter 2014, Aerospace Propulsion recorded revenue of €1,944m, an increase of 9.8% compared to revenue in the year-ago period of €1,771m. On an organic basis, revenue was up 8.9%. Revenue growth was primarily driven by services (+15.9%). The civil aftermarket (measured in USD) increased 11.9% compared to the third quarter 2013. Sales of spare parts for CFM56 and GE90 engines contributed strongly to this momentum. Military aftermarket grew, as did helicopter support revenues notably with the contribution of the RTM322 programme. OE Propulsion revenue increased 3.7%. Sales from helicopter turbine deliveries were down, as in the first half. Civil aircraft OE grew due to slightly higher volume and favourable mix in both CFM56 and high thrust engine modules.

B/E Aerospace reports third quarter 2014 financial results

B/E Aerospace released its third quarter 2014 financial results, with revenues increased by 24% and adjusted operating earnings increased 26%. Adjusted earnings per diluted share increased 63% (29% using comparable tax rate in both years). The Company currently estimates that it will incur, during the second half of 2014, debt redemption costs of approximately \$235m, including the write-off of unamortized debt issue costs, approximately \$43m in legal, accounting, and advisory costs, and approximately \$67m related to international tax initiatives. The Company also expects to incur business repositioning and separation costs of approximately \$94m.

MILITARY AND DEFENCE

PPG Aerospace supplying production and spare windows for Embraer KC-390

PPG Industries' aerospace transparencies group is designing windshields for the KC-390 military transport aircraft that will be the largest glass windshields PPG has produced and the industry's first to have a compound bent shape affording ballistics resistance and night-vision capabilities. PPG is under contract with Embraer Defense and Security to design and manufacture production and spare windshields, side cockpit windows and fuselage windows for the KC-390 aircraft. According to Connie Poulsen, PPG global director for military transparencies, the windshields will be about 11 square feet to provide pilots with expansive viewing. The No. 2 and No. 3 side cockpit windows also will be glass and meet requirements for ballistics resistance and night-vision compatibility.

OTHER NEWS

Lufthansa Technik's Innovation Business Unit has been selected by **Bombardier Business Aircraft** to supply the nice® HD cabin management and in-flight-entertainment (CMS/IFE) system on Bombardier's new Challenger 650 aircraft. This latest announcement comes after Bombardier's selection of the nice® HD system on the Learjet 70, Learjet 75, Learjet 85, and Challenger 350 aircraft. So far, Lufthansa Technik has delivered more than 400 chipsets of the first generation nice® and its successor, nice® HD, to Bombardier Business Aircraft. nice® HD offers the Challenger 650 aircraft an equipped state-of-the-art cabin management system (CMS), largest-in-class high definition monitors, 3D maps, Audio Video on Demand, Bluetooth integration and industry-leading media input capabilities among its many standard package advantages. Designed by Lufthansa Technik and customized exclusively for Bombardier, the next-generation Cabin Management System provides passengers with a home- or office-like control, productivity and entertainment capability superior to that of any other aircraft in the segment. The cabin can be remotely controlled by using Apple or Android devices, too.

American Airlines (AAL) and **US Airways** have reached a significant milestone in their merger as the Cargo divisions combine under a single air waybill. The new entity brings in more than \$800m each year and moves more than one billion pounds of freight and mail annually. The Cargo teams have successfully combined 154 facilities and harmonized products since December 2013, making it the first operations division at the airline to be fully integrated. "Today is the culmination of a lot of hard work by our Cargo employees," said Jim Butler, President of American Airlines Cargo. "We have brought together the expertise and solutions that customers have come to rely on and the teams that are focused on restoring American Airlines as the greatest airline in the world."

Rockwell Collins introduced its new ARINCDirect suite of flight support services for business aviation. The new ARINCDirect consolidates and integrates the company's former Ascend Flight Information Solutions and ARINC Direct services into one industry-leading solution for flight planning, regional and international trip support, cabin connectivity and flight operations management. "With our acquisition of ARINC in December of 2013, we recognized that we had two portfolios of flight support services from two great companies, each with best-in-class solutions," said Jeff Standerski, senior vice president, Information Management Services for Rockwell Collins. "By combining the best

of Ascend and ARINC Direct, business aviation operators can now experience the single most comprehensive portfolio of flight support solutions in the industry, along with the reliable performance, industry-leading technical expertise and outstanding customer service they expect — all from a brand they have come to know and trust." Through the new ARINCDirect, Rockwell Collins will offer its more than 3,500 flight support services customers around the globe the latest in intuitive flight planning using state-of-the-art online and mobile platforms; award-winning regional and international trip support; comprehensive weather services; a full spectrum of cabin connectivity options; and flexible and integrated flight operations and scheduling services.

Boeing employees represented by the **International Union, United Automobile, Aerospace and Agricultural Implement Workers of America (UAW)** Local 1069 ratified an eight-year contract on Oct. 19th. The represented employees work at the Boeing site in Ridley Park, Pa., and the contract will be in effect until 2022. "Our goal has always been to recognize the outstanding work done by our Ridley Park employees, while ensuring the long-term viability of the site in today's challenging, 'more-for-less' environment," said Gary Baker, Boeing Defense, Space & Security director of Operations, East Region. "By ratifying this contract, our employees help us position ourselves to win new business, beyond our current production contracts. Boeing and our employees are committed to our customers and our community, and this is a critical step down our future path." Within 30 days, eligible members will receive a \$10,000 signing bonus, as well as compensation increases in each year of the contract. As of Jan. 1, 2017, members will transition to earning future retirement benefits in the company's enhanced 401(k) savings plan, while keeping all previously accrued value in their traditional pension plan.

Available in the first quarter of 2015, the upgraded **SkyShield** now will provide five levels of data filtering, adding security to Internet connections. SkyShield presently allows customers to control their in-flight Internet usage by blocking unneeded network traffic that slows down connections and increases data costs. SkyShield allows customers to stop certain software processes and applications that use large amounts of data, such as program or software updates that run in the background, streaming audio and video websites, and social media feeds. Satcom Direct has expanded this service to provide proactive security threat monitoring. Customers can opt-in to the monitoring which includes 24/7 notification of threats against or from the customer's devices on-board the aircraft, vessel or mobile terminal.

OTHER NEWS

Boeing and Commercial Aircraft Corp. of China (COMAC) opened a demonstration facility on October 22nd, which will turn waste cooking oil, commonly referred to as “gutter oil” in China, into sustainable aviation biofuel. The two companies estimate that 500 million gallons (1.8 billion liters) of biofuel could be made annually in China from used cooking oil. Boeing and COMAC are sponsoring the facility, which is called the China-U.S. Aviation Biofuel Pilot Project. It will use a technology developed by Hangzhou Energy & Engineering Technology Co., Ltd. (HEET) to clean contaminants from waste oils and convert it into jet fuel at a rate of 160 gallons (650 liters) per day. The project’s goal is to assess the technical feasibility and cost of producing higher volumes of biofuel. Sustainably produced biofuel, which reduces carbon emissions by 50 to 80 percent compared to petroleum through its lifecycle, is expected to play a key role in supporting aviation’s growth while meeting environmental goals. The Boeing Current Market Outlook has forecast that China will require more than 6,000 new airplanes by 2033 to meet fast-growing passenger demand for domestic and international air travel.

Airlines and pilots will both benefit from the **Common Type Rating** pilot training on the A350 XWB and A330 jetliners, further extending Airbus’ concept of flight operational commonality between its fly-by-wire aircraft families. The new regulatory approval means that pilots who are qualified and current on the A330 can already commence their preparations to take the A350 XWB’s controls by undergoing “differences training” only. Enabling a significant reduction of costs for airlines, the differences training does not necessitate the use of a ground-based full-flight-simulator, and allows for a 65% reduction in pilot training time – to only eight days – versus a standard transition course. Addition-



AgustaWestland signs new training services contracts

Photo: AgustaWestland

AgustaWestland signed two training services contracts to support its Family of new generation helicopters. Bel Air of Denmark has signed a five years training contract featuring a comprehensive package of services including simulator training for the AW139 intermediate and the AW189 super medium twin engine helicopters. Lufttransport AS of Norway has signed a three year flight simulator contract for the AW139 and AW169 light intermediate helicopters. Through these latest contracts, which further expand the level of service provided by AgustaWestland in Northern Europe, the company will deliver more than 500 simulator flight hours across the Family, providing customers with unprecedented fleet and crew management capabilities, enhancing flexibility and safety, while also reducing costs.

ally, it facilitates the creation of a pool of pilots who can fly both the A330 and A350 XWB in a single-fleet flying (SFF) concept for increased scheduling flexibility and mobility.

Southwest Airlines and the **International Association of Machinists and Aerospace Workers (IAM)**, representing the carrier’s approximately 6,000 Customer Service Agents and Customer Support and Services Representatives, an-

nounced that the two parties have reached a tentative agreement. The tentative agreement is for a new four year contract and requires Membership ratification. The current contract became amendable in October 2012. In the upcoming weeks, the IAM membership will be given the full details of the agreement and have the opportunity to vote on ratification.

Etihad Airways selected **SAP SE (SAP)** as a stra-

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OTHER NEWS

tegic technology partner to deploy a range of key software solutions to deliver the latest best-in-class technology to the Etihad Aviation Group. The airline plans to deploy the enterprise resource planning application SAP ERP together with a range of cloud-based products across its vital business functions, including human resources, finance, procurement and supply management and business intelligence. At a signing ceremony in New York, President and Chief Executive Officer, Etihad Airways, James Hogan, and Bill McDermott, CEO and member of the Executive Board of SAP SE, said that the partnership was key to helping Etihad Airways sustain and support its growth, while further modernising and scaling up the airline's business functions.

Virgin America announced the implementation of a codeshare arrangement with **China Airlines** that will offer customers seamless bookings and travel between Taipei, Taiwan, elsewhere in Asia and multiple destinations across the United States. The new codeshare agreement, the fourth for the California-based airline, involves China Airlines placing its two-letter airline code (CI) on a range of Virgin America markets including flights between Los Angeles and/or San Francisco to Boston, Chicago, Dallas Love Field, Fort Lauderdale, Las Vegas, Newark, New York (JFK), Seattle and Washington Dulles (IAD).

The International Air Transport Association (IATA) Airline Industry Forecast 2014-2018 shows that international freight volumes are expected to increase at a compound annual growth rate (CAGR) of 4.1% over the next five years. Emerging economies, particularly in the Middle East and Africa, will be the fastest-growing markets. "Air cargo remains as vital to the global economic system as ever. This year, more than \$6.8 trillion worth of goods, equivalent to 35% of total world trade by value, will be transported around the world by air. So it is welcome to see a forecast for a return to growth for the air cargo sector after several years in the doldrums. An average of more than 4% growth for the next five years would be a marked improvement on the performance of recent years. Since 2011, for example, growth in freight tonnes has averaged just 0.63% per year," said Tony Tyler, IATA's Director General and CEO. "Nevertheless, despite the positive picture, the overall risks to the economic outlook, and therefore to air freight, remain towards the downside. Trade protectionism is a constant danger. According to the World Trade Organization (WTO), between November 2013 and May 2014 alone, 112 new trade-restrictive measures were en-

Recommended Events



Engine Leasing & Asset Management Seminar 2014
October 29, 2014 – October 29, 2014
Holiday Inn Kensington Forum, London

MRO Asia 2014
November 04, 2014 – November 06, 2014
SingEx, Singapore

Airshow China
November 11, 2014 – November 16, 2014
Zhuhai

Aerotropolis Americas Conference & Exhibition 2014
December 08, 2014 – December 10, 2014
Colorado Convention Centre

MEBA – Middle East Business Aviation
December 08, 2014 – December 10, 2014
Dubai World Central, Dubai, United Arab Emirates

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acted by G20 governments. Geopolitical concerns, volatility of oil prices, and competition from rail and sea could also affect this forecast. The air cargo industry certainly cannot afford to be complacent," said Tyler. To enhance air cargo competitiveness, the industry is aiming to cut average transit times by up to 48 hours by 2020. To achieve this, air freight is modernizing its processes, improving quality and reliability, and widening the range of services offered. A key component of modernized processes is the e-Freight project, which will render air cargo shipments paperless. As a first step, the industry is adopting the e-Air Waybill (e-AWB). In September 2014 global e-AWB penetration reached 19.4%, meaning the 2014 industry target of 22% is within reach.

INDUSTRY PEOPLE

- Executive Vice President and COO, **Flemming Jensen**, will leave SAS in May 2015 to assume the position of CEO for DSB A/S. Flemming Jensen has been with SAS since 1989 when he joined as a pilot. Since 2008, he has held a number of leading positions within SAS, of which the last three years have been spent as Executive Vice President and COO. SAS has commenced the process to replace Flemming Jensen, who will continue as COO until May next year.

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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-112	Doric	CFM56-5B6/3	3589	2008	Mar 2015	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49.69.24755942
A319-112	Doric	CFM56-5B6/3	3818	2009	Mar 2015	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49.69.24755942
A319-133	Amentum Capital	V2527M-A5	3705	2008	Nov 2014	Lease	Noel Healy	marketing@amentum-capital.com	+353 1 639 8111
A320-200	ORIX Aviation	CFM56-5A1	378	1993	Q1/2015	Sale	Daniel Cunningham	daniel.cunningham@orix.ie	+353 871774524
A320-200	ORIX Aviation	CFM56-5B6/3	3831	2009	Q2/2015	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 871774524
A320-200	ORIX Aviation	V2527-A5	2651	2006	Q1/2016	Lease	Daniel Cunningham	daniel.cunningham@orix.ie	+353 871774524
A321	GA Telesis	CFM56-5B2/P	434		Nov 2014	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
A330-200	Amentum Capital	PW4168A	970	2008	Q1/2015	Lease	Noel Healy	marketing@amentum-capital.com	+353 1 639 8111
B737-300	World Star Aviation Services	CFM56-3C1	28738	1998	Now	Sale / Lease	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
B737-300	World Star Aviation Services	CFM56-3C1	28872	1998	Now	Sale / Lease	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
B737-300	World Star Aviation Services	CFM56-3B2	24208	1998	Now	Sale / Lease	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
B737-300	World Star Aviation Services	CFM56-3C1	28573	1998	Now	Sale / Lease	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
B737-300	Phoenix Aer Capital	CFM56-3	24532		Now	Sale	Bob Gallagher	r.gallagher@aircraftsystemsgroup.com	+1 727-376-0292
B737-300	Phoenix Aer Capital	CFM56-3	24666		Now	Sale	Bob Gallagher	r.gallagher@aircraftsystemsgroup.com	+1 727-376-0292
B737-300F	ORIX Aviation	CFM56-3B2	24711	1990	Q1/2015	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 877760451
B737-400	World Star Aviation Services	CFM56-3C1	24706	1991	Now	Sale / Lease	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
B737-400	World Star Aviation Services	CFM56-3C1	26290	1993	Now	Sale / Lease	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
B737-400	Safair Operations	Combi	26961		Now ACMI/Wet lease/Sale		C. Schoonderwoerd	corneliss@safair.co.za	+27 11 928 0000
B737-400	Safair Operations	Pax			Now ACMI/Wet lease		C. Schoonderwoerd	corneliss@safair.co.za	+27 11 928 0000
B737-400	Aergo Group	CFM56-3C1	24430	1990	Now	Sale / Lease	Kevin Mc Ginley	kevin@aergogroup.com	+353-1-6761077
B737-400	Aergo Group	CFM56-3C1	24431	1990	Now	Sale / Lease	Kevin Mc Ginley	kevin@aergogroup.com	+353-1-6761077
B737-400	Aergo Group	CFM56-3C1	24432	1990	Now	Sale / Lease	Kevin Mc Ginley	kevin@aergogroup.com	+353-1-6761077
B737-400F	Aergo Group	CFM56-3C1	26530	1994	Now	Sale / Lease	Kevin Mc Ginley	kevin@aergogroup.com	+353-1-6761077
B737-500	World Star Aviation Services	CFM56-3B1	26297	1994	Now	Sale / Lease	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
B737-700	ORIX Aviation	CFM56-7B22/3	35078	2007	Q4/2015	Lease	Cian Coakley	cian.coakley@orix.ie	+353 877760451
B737-800	ORIX Aviation	CFM56-7B26	34153	2005	Q2/2015	Lease	Cian Coakley	cian.coakley@orix.ie	+353 877760451
B737-800	ORIX Aviation	CFM56-7B24	34182	2006	Q4/2015	Lease	Cian Coakley	cian.coakley@orix.ie	+353 877760451
B747-400	GA Telesis	PW4056	28754	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
B747-400ERF	Amentum Capital	CF6-80C2B5F	37303	2009	Now	Sale / Lease	Noel Healy	marketing@amentum-capital.com	+353 1 639 8111
B747-438	Jet Midwest Inc.	RB211-524G	25544	1992	Now	Sale / Lease	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
B747-438	Jet Midwest Inc.	RB211-524G	25546	1992	Now	Sale / Lease	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
B747-438	Jet Midwest Inc.	RB211-524G	25151	1991	Now	Sale / Lease	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
B757-200	World Star Aviation Services	RB211-535-E4	24544	1990	Now	Sale / Lease	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
B757-200	GA Telesis	PW2000	25156	1990	Now	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
B757-223	Jet Midwest Inc.	RB211-535E4			Now	Sale / Lease	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
B757-200PCF	AerSale	535E4-37/B	23767	1987	Oct 2014	Sale / Lease	Craig Wright	craig.wright@aersale.com	+1 (305) 764 3238
B767-200ER	Castlelake	CF6-80C2B2	23900	1987	Feb 2015	Sale / Lease	Joe Giarritano	joe.giarritano@castlelake.com	+1 612 851 3032
B767-200ER	Castlelake	CF6-80C2B2	23901	1987	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlelake.com	+1 612 851 3032
B767-200ER	Castlelake	CF6-80C2B2	23902	1988	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlelake.com	+1 612 851 3032
B767-200ER	Castlelake	CF6-80C2B2	26847	1993	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlelake.com	+1 612 851 3032
B767-200ER	Castlelake	CF6-80C2B2	24764	1990	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlelake.com	+1 612 851 3032
B767-200ER	Castlelake	CF6-80C2B2	24765	1990	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlelake.com	+1 612 851 3032
B767-200ER	GA Telesis	CF6-80A	22329	1987	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
B767-200ER	GA Telesis	CF6-80A	22324	1986	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
B767-200ER	GA Telesis	CF6-80A	22328	1986	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
B767-222	Jet Asia Airways Co. Ltd.	JT9D-7R4D	21868		Now	ACMI, Wet L.	Kevin Lee	klee@flyjetasia.com	+1 310 944 0327
B767-246	Jet Asia Airways Co. Ltd.	JT9D-7R4D	23214		Now	ACMI, Wet L.	Kevin Lee	klee@flyjetasia.com	+1 310 944 0327
B767-300ER	ORIX Aviation	PW4060	25285		Q1/2015	Lease	Cian Coakley	cian.coakley@orix.ie	+353 877760451
DC10-30F	Bristol Associates	CF6-50C2	47925	1974	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
DC10-30F	Bristol Associates	CF6-50C2	47929	1975	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
L100-30	Safair Operations	501-D22			Now - Wet Lease / ACMI		C. Schoonderwoerd	corneliss@safair.co.za	+27 11 928 0000
MD-82	GA Telesis		49919		Now	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321



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THE AIRCRAFT AND ENGINE MARKETPLACE

Regional Jet / Turboprop Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
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		145332	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates		145334	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates		145323	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145ER	GA Telesis		145049	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
ERJ-145ER	GA Telesis		145052	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
ERJ-145ER	GA Telesis		145054	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
ERJ-145ER	GA Telesis		145056	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
ERJ-145ER	GA Telesis		145057	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
ERJ-145ER	GA Telesis		145045	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321

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
(2) AE3007A1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi / Ray Marquess	ray.marquess@magellangroup.net	+1 (704) 504-9204
CF34 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF34-8E5	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
(2) CF34-10E5	Now - Lease				
(1) CF34-3B / 3B1	Now - Lease				
(1) CF34-3A	Now - Sale / Lease				
(1) CF34-3B1	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(2) CF34-3A1	Oct 14 - Sale / Lease				
(1) CF34-8C5/B1	Now - Sale / Lease	Magellan Aviation Group	Ray Marquess	ray.marquess@magellangroup.net	+1 (704) 504-9204
(1) CF34-8C5	Now - Lease	Engine Lease Finance	Joe Hussar	joseph.hussar@elfc.com	+1 617 828-3569
(1) CF34-8C5	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	ddesaulniers@willislease.com	+1 415 516 4837
(1) CF34-10E6	Now - Lease				
(1) CF34-8E5A1	Now - Lease	AeroCentury	Frank Pegueros	frank.pegueros@aerocentury.com	+1 650 340 1888
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(3) CF6-80C2A5	Now - Sale / Lease	Apollo Aviation Group	Erik Castillo	eriko@apollo.aero	+1 (305) 579-2340
(2) CF6-80C2B4	Now - Sale / Lease				
(2) CF6-80C2B1F	Jun 14 - Sale/Lease/Exch.				
(1) CF6-80C2B6F	Aug 14 - Sale/Lease/Exch.				
(1) CF6-50C2	Now - Sale / Lease	Taking Aviation Forward, LLC	Konrad J Walter	konrad@TakingAviationForward.com	+1 954-445-8127
(1) CF6-50	Now - Sale / Lease	Phoenix Aer Capital	Bob Gallagher	REG@PACLLC.AERO	+1 727-376-9292
(1) CF6-80C2B7F	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
CF6-50E2 (multiple)	Now - Sale / Lease	Commercial Aircraft Services	Brian Cooper	brian@cas.aero	+1 208-899-1915
(1) CF6-80C2B1F	Now - Sale / Lease	AerSale, Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) CF6-80C2B6F	Now - Sale / Lease				
(1) CF6-80C2B7F	Now - Sale / Lease				
(2) CF6-80C2BXF	Now - Sale/Lease/Exch.	TES Aviation Group	Lee Whitehurst	lee.whitehurst@tes-uk.com	+ 44 (0) 7760884250
(1) CF6-80C2B1F	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) CF6-80C2B6F	Now - Sale / Lease				
(1) CF6-80C2B7F	Now - Sale / Lease				
(1) CF6-80C2B1F	Now - Sale / Exchange	AeroTurbine	Elizabeth Peters	epeters@aeroturbine.com	+1 786 925 8517
(2) CF6-80C2B6F	Now - Sale / Exchange				
(1) CF6-80C2B6F	Now - Lease				
(1) CF6-80C2D1F	Now - Lease				
(1) CF6-80C2B6 PMC	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(2) CF6-80C2B7F	Now - Lease	Engine Lease Finance	Joe Hussar	joseph.hussar@elfc.com	+1 (617)828-3569
CFM56 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-7B26E (brand new)	End 10/14 Lease	Sumisho Aero Engine Lease	Tony Kondo	tony.kondo@sumisho-engine.com	+31-20-705-4982



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

CFM56 Engines (cont.)	Sale / Lease	Company	Contact	Email	Phone
CFM56-5A1 (SV)	Now - Sale / Lease	TrueAero, LLC	Brent Corrie	bcorrie@trueaero.com	+1 561-310-3242
CFM56-3C1 (SV)	Now - Sale / Lease				
(2) CFM56-3C1	Now - Sale / Lease	Aergo Group	Kevin Mc Ginley	kevin@aergogroup.com	+353-1-6761077
(1) CFM56-7B27	Now - Lease	Engine Lease Finance	Joe Hussar	joseph.hussar@elfc.com	+1 617 828-3569
(1) CFM56-5B1/P	Now - Lease				
(1) CFM56-5A3	Now - Sale / Lease	World Star Aviation Services	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
(1) CFM56-3B1	Now - Sale / Lease				
(1) CFM56-3C1	Now - Sale / Lease				
(2) CFM56-3C1	Now - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
(1) CFM56-5A3	Now - Sale / Lease				
(2) CFM56-5B4P	Now - Sale / Lease				
(1) CFM56-5C4	Now - Sale / Lease				
(1) CFM56-3C1	Now - Sale		Mike Visconti	mike@avvenireservices.comn	+1 305 753-6106
(1) CFM56-3B2	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) CFM56-3C1	Now - Sale / Lease				
(1) CFM56-7B27/3B1F	Nov 14 - Sale/Lease/Exch.	AerSale, Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(2) CFM56-3B1	Now - Lease				
(2) CFM56-3C1	Now - Lease				
(3) CFM56-5C4	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504-9204
(4) CFM56-3B1/C1	Now - Sale / Lease		Tom Leimkuhler	tom.leimkuhler@magellangroup.net	+1 (704) 504-9204
(6) CFM56-3C1	Now - Sale/Lease/Exch.	Lufthansa Technik Airmotive Irel.	Alan Phelan	engines@ltai.ie	+353-87-2786738
(1) CFM56-3B2	Now - Sale/Lease/Exch.				
(3) CFM56-7B	Now - Sale / Lease	Castlelake	Neil McCrossan	neil.mccrossan@castlelake.com	+44-207-190-6119
(1) CFM56-3C1	Now - Sale / Lease				
(2)CFM56-5C3F	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.				
CFM56-3(s)	Now - Sale/Lease/Exch.	SES	Ivan Graydon	marketing@ses.ie	+ 353 61 70 6463
CFM56-5A(s)	Now - Sale/Lease/Exch.				
CFM56-5B(s)	Now - Sale/Lease/Exch.				
CFM56-7B(s)	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) CFM56-5B4/P	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(2) CFM56-7B24/3	Now - Lease				
(5) CFM56-3C1	Now - Sale / Exchange	AeroTurbine	Elizabeth Peters	epeters@aeroturbine.com	+1 786 925 8517
(1) CFM56-5C3/G	Now - Sale / Exchange				
(2) CFM56-5C4	Now - Sale / Exchange				
(2) CFM56-3C1	Now - Lease				
(1) CFM56-5C4	Now - Lease				
(1) CFM56-3C1	Now - Sale / Lease	Apollo Aviation Group	Erik Castillo	erikc@apollo.aero	+1 (305) 579-2340
(3) CFM56-5C4	Now - Sale / Lease				
(10) CFM56-3B2	Now - Sale / Lease				
(3) CFM56-3B2	Now - Sale / Lease	ORIX Aviation	Daniel Cunningham	daniel.cunningham@orix.ie	+353 871774524
(1) CFM56-3B1	Now - Sale/Lease/Exch.	TES Aviation Group	Lee Whitehurst	lee.whitehurst@tes-uk.com	+ 44 (0) 7760884250
(1) CFM56-3C1	Now - Sale/Lease/Exch.				
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
JT8D Engines					
	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-217C/219	Now - Sale / Lease	Azure Resources	Jeff Young	jeff@azureres.com	+1-954-249-7935
(6) JT8D-200	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) JT8D-219 or -217	Now - Sale / Lease	Jet Midwest	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
JT9D Engines					
	Sale / Lease	Company	Contact	Email	Phone
(1) JT9D-7R4D overhauled	Now - Sale / Lease	Jet Midwest	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
(34) JT9D-7R4D	Now - Sale / Lease				
(2) JT9D7R4	Now - Sale / Lease	Phoenix Aer Capital	Bob Gallagher	REG@PACLLC.AERO	+1 727-376-9292
PW Small Engines					
	Sale / Lease	Company	Contact	Email	Phone
(3) 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) PW127M	Now - Sale/Lease/Exch.				
(2) PW127F	Now - Sale/Lease/Exch.				
(2) PW124B	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW121	Now - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
(various) PW127B	Now - Sale / Lease	Jet Midwest	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
(1) PW150A	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111

THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

PW Small Engines (cont.)	Sale / Lease	Company	Contact	Email	Phone
PW127E/F/M and PW150A	Now - Sale / Lease	Magellan Aviation Group	Ray Marquess	ray.marquess@magellangroup.net	+1 (704) 504-9204
PW121, PW123, PW124B, PW125B,	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504-9204
PW100s (all models)	Now - Sale / Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
(5) PW150A	Now - Lease				
PW2000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW2037	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) PW2040	Now - Sale / Lease				
(2) PW2037/40	Now - Sale	Aerolease	Tim Corley	tcorley@aerolease.com	+1 360 8709172
(1) PW2037	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(3) PW2037	Now - Sale / Exchange	AeroTurbine	Elizabeth Peters	epeters@aeroturbine.com	+1 786 925 8517
PW4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(5) PW4056-1	Now - Sale/Lease/Exch.	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(4) PW4056/60/62	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi / T. Leimkuhler	tom.leimkuhler@magellangroup.net	+1 (704) 504-9204
(3) PW4056-1C	Now - Sale / Lease	Apollo Aviation Group	Erik Castillo	erikc@apollo.aero	+1 (305) 579-2340
(1) PW4056-3	Now - Sale / Lease				
(1) PW4060-3	Dec 14 - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
(1) PW4056-3	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) PW4060-3	Now - Sale / Lease				
(1) PW4060-1 CN	Now - Lease	AeroTurbine	Elizabeth Peters	epeters@aeroturbine.com	+1 786 925 8517
(1) PW4060-1 CN	Now - Sale / Exchange				
(1) PW4056-1C	Now - Sale / Exchange				
(1) PW4062-3	Now - Lease				
(1) PW4056-3	Oct 14 - Sale / Lease	AerSale, Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(3) PW4168A	Now - Sale/Lease/Exch.	TES Aviation Group	Lee Whitehurst	lee.whitehurst@tes-uk.com	+ 44 (0) 7760 884250
(1) PW4060C-1C	Now - Sale / Lease	IAI	Michal Bulvik	mbulvik@iai.co.il	+972-3-9353612
(1) PW4060	Q1/2015 - Lease	ORIX Aviation	Cian Coakley	cian.coakley@orix.ie	+353 877760451
(1) PW4062	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(1) PW4060	Now - Lease				
(2) PW4168A	Now - Lease				
(1) PW4168A	Now - Sale / Lease	Engine Lease Finance	Joe Hussar	joseph.hussar@elfc.com	+1 (617)828-3569
RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-524	Now - Sale / Lease	AerSale, Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) RB211-535E4	Oct 14 - Sale / Lease				
(2) RB211-535E4B	Now - Sale / Lease	GA Telesis	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
(1) RB211-535E4	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(2) RB211-535E4 /12B	Now - Sale/Lease/Exch.	TES Aviation Group	Lee Whitehurst	lee.whitehurst@tes-uk.com	+ 44 (0) 7760 884250
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(2) Trent 800	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) Trent 884	Now - Sale / Lease	Apollo Aviation Group	Erik Castillo	erikc@apollo.aero	+1 (305) 579-2340
Tay Engines	Sale / Lease	Company	Contact	Email	Phone
(multiple) Tay 650-15	Now - Sale / Lease	Jet Midwest	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) V2527-A5	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(1) V2533-A5	Now - Lease				
1) V2533-A5 w/QEC	Now - Lease	Rolls-Royce & Partners Finance	Bobby Janagan	bobby.janagan@rolls-royce.com	+44 20 7227 9078
(1) V2527-A5 w/QEC	Now - Lease				
(1) V2527-A5	Q4/2014 - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) V2527	Now - Sale / Lease	TrueAero, LLC	Brent Corrie	bcorrie@trueaero.com	+1 561-310-3242
(1) V2533-A5	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werner-aero.com	+1-703-402-7430
(1) V2527-A5	Now - Lease	Engine Lease Finance	Joe Hussar	joseph.hussar@elfc.com	+1 617 828-3569
(1) V2533-A5	Now - Sale / Lease				

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
QEC for CFM56-5A1	Now - Sale	TrueAero, LLC	Raul Miro/Dave Walters	sales@trueaero.com	+1 772-925-8026
A320 Fresh Part-out	Now - Sale				
737-500 Fresh Part-out	Now - Sale				
APU GTCP 131-9B, GTCP 331-500B	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(1) APU GTCP331-200 and (2) APU APS 2000	Now - Sale / Lease	Phoenix Aer Capital	Bob Gallagher	REG@PACLLC.AERO	+1 727-376-9292
APU 3800298-1-2 (B767)	Now - Sale / Lease	Jet Midwest	Kevin Lee / Cathy Liu	cathy.liu@jetmidwest.com	+1 310 652 0296
GTCP131-9A (P/N 3800708-1)	Now - Sale / Lease	Werner Aero Services	Christopher Farrell	cfarrell@werner-aero.com	+1 201-661-6819
GTCP36-300A (P/N 3800278-4)	Now - Sale / Lease				
1 V2500 QEC kit, p/n 745k9001-46	Now - Sale	Tradewinds Engine Serv.	Brad Pleimann	bpleimann@tesllc.aero	+1 954 421 2510
CFM56-7B Evol. LPT mod. Ass. 338-092-319-0	Now - Sale				
CFM56-5B/5C/7B and V2500-A5 engine stands	Now - Lease				
737-800 NOSE LANDING GEAR PN 162A1100-5, OH - Now Sale		Reliance Aircraft	Terry Hix	thix@relianceaircraft.com	+1 512-439-6988
(1) PW901A	Now - Lease	LHT AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
GTCP131-9B, PW901, (2) GTCP36-300,	Now - Sale/Lease/Exch.	Aeroturbine	Rodney Lee	ralee@aeroturbine.com	+1 972-813-1176
GTCP131-9A, (2) RE220RJ, GTCP331-350C, APS3200					