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WORLD NEWS

Spirit to add 10 routes in spring 2015

Spirit Airlines announced it will be expanding its non-stop service to ten new destinations beginning in the spring of 2015. The new locations include domestic cities including Tampa, Baltimore/Washington, DC and Oakland/San Francisco Bay, and seven destinations in Latin America including Mexico, Costa Rica, El Salvador, Honduras, and Nicaragua (International routes are subject to foreign governmental approval).

Jettainer welcomes first African airline client ECAir

Jettainer, provider of outsourced ULD management, is taking over the supervision and maintenance of containers and pallets for Equatorial Congo Airlines (ECAir). The Congolese airline has decided to outsource the management and maintenance of ULDs to Jettainer as soon as they start their operation of flights using wide-body aircraft. The airline is thereby following a trend, confirms Don Jacobs, Sales Director at Jettainer GmbH: "In order to cover the ULD demand, airlines – especially smaller airlines and airlines extending into wide-body operations – increasingly rely on external specialists. This provides additional opportunities. We are expecting to continue our growth with new clients from various regions and several business models in the coming year."

Air Canada extends 787 routes.

Air Canada will expand the introduction of Boeing 787 Dreamliner aircraft featuring the airline's new International Business Class and Premium Economy seating to more of its routes to Asia from Vancouver including Beijing in February and Seoul in March 2015.



A new Economy dining experience.

Photo: Qantas

Food for thought

Qantas leads revamped economy class dining

Australian flag carrier Qantas unveiled details of a new inflight dining offering, which is set to re-define the travel experience for international economy class passengers when it rolls out across the network this week from 25 November. The Australian carrier is promising more choice, larger meals and improved service for economy/coach travellers.

Generally speaking, economy travel is largely characterised by bad food on most airlines but as passengers become savvier and demanding, airlines are being forced to re-think their culinary strategies.

"We have worked closely with Aus-

tralia's leading producers and suppliers to deliver what we believe to be the best inflight economy dining experience offered by any international carrier," said Alan Joyce, Qantas CEO at the unveiling.

"Qantas buys from more than 1500 Australian providers of foods, wines and beverages, helping many small Australian companies grow, develop and find new markets."

Alan Joyce, Qantas CEO at the unveiling

Joyce added that the new menu would offer more generous meals and an increase from two to four meal options. "We also have new meal categories, including a healthy option, comfort food and a meal inspired by the route itself, like smoky barbecue beef on our US flights. We have extended our Select on Q Eat

service to economy passengers enabling them to pre-order their meal online with access to an exclusive dish as the fourth dish."

There is also a growing trend towards food sustainability in airline catering particularly sourcing and environment. Collaborations between airlines, caterers and farms where the focus is on fresh farm produce to offer sustainable meals and farm-to-table style dishes are becoming increasingly common.

"In delivering the new service Qantas continues to invest in Australian

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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

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suppliers and showcasing the best of what we have to offer to people around the world," said Mr Joyce. "Qantas buys from more than 1500 Australian providers of foods, wines and beverages, helping many small Australian companies grow, develop and find new markets."

Elsewhere Delta in the US is also moving towards a similar meal offering with their farm-to-table programme on flights ex Atlanta to FRA, CDG, LHR and AMS in business elite. The programme centres on being more in tune with agricultural practices whilst supporting local suppliers and farmers.

Korean Airlines have their own organic farm on the island of Jeju. The farm has chickens, cattle and an assortment of vegetables which are mainly used in first class dishes. In Sweden Kullaflyg, a small regional player offers a buy on board programme that is over 70% locally produced.

Nikos Loukas founder of Inflight-feed.com observes that most of these products come from local farmers. "This not only helps the locals, but makes for a pleasant inflight dining experience for passengers. The amount of people purchasing something inflight is quite high, they know the story of the product and are happy to



Alan Joyce (far right) launches new Economy dining.

Photo: Qantas

part with their money for a greater quality meal. I think that these airlines are really creating a trend and many more will hopefully follow suit," says Loukas.

AIRCRAFT & ENGINE NEWS

Bombardier delivers two Q400 NextGen airliners to Air Côte d'Ivoire

Bombardier Commercial Aircraft has delivered Air Côte d'Ivoire's first two Q400 NextGen turboprops. The purchase agreement between Bombardier and Abidjan-based Air Côte d'Ivoire, which covers two firm-ordered Q400 NextGen aircraft plus two options, was announced on December 18th, 2013. Air Côte d'Ivoire is the national airline of the Republic of Côte d'Ivoire. The airline has also opted to enroll its Q400 NextGen fleet in Bombardier's Smart Parts program, which offers competitive and predictable component exchange and repair costs, as well as superior quality and availability of key components. The five-year Smart Parts agreement is customized to meet the airline's specific operational and performance needs.

Gulfstream begins delivering G650ER aircraft to customers

Gulfstream Aerospace recently delivered the first fully outfitted G650ER business jet to a customer, ahead of the 2015 projected delivery date. "It's a

good day when you can deliver on your promises ahead of schedule," said Larry Flynn, president, Gulfstream. "Our customers have been waiting for the G650ER, the business jet that travels farther at faster speeds than any other business jet on the market. This aircraft delivers speed and range, providing passengers a world-class travel experience. Gulfstream announced the G650ER in May of this year. The aircraft received type certification from the U.S. Federal Aviation Administration five months later.

SkyWest announces fleet and contract updates

SkyWest announced fleet transitions and contract updates designed to improve SkyWest's overall efficiency and long-term profitability. Specifically, SkyWest announced that SkyWest Airlines, its wholly-owned subsidiary, intends to transition to an all-jet fleet by removing all remaining 30-seat Embraer 120 Brasilia turbo-prop aircraft (the "EMB 120s") from service by summer 2015. The EMB 120 fleet retirement comes, in part, in response to increased costs and additional challenges associated with new FAR117 flight and duty rules, implemented in January 2014. Separately, SkyWest announced that ExpressJet Airlines, its wholly-owned sub-

sidary ("ExpressJet Airlines"), has executed an agreement with United Airlines to reduce the term of the existing 50-seat ERJ145 contract between ExpressJet and United from November 2020 to December 2017. ExpressJet Airlines anticipates the reduction in the ERJ145 operations will improve its overall operational reliability and financial results. As a result of the decision to remove the EMB 120 aircraft from service by June 2015, and as a result of the reduced term to operate the ERJ145 aircraft, SkyWest anticipates recording pre-tax special charges (primarily non-cash) ranging from US\$55m-US\$70m in Q4 2014.

AWAS delivers third of four planned new passenger aircraft to Lion Air

AWAS has delivered a third aircraft, one A320-200, as part of a four aircraft transaction with PT Lion Mentari Airlines (Lion Air) for three 737-800s and one Airbus A320. These new aircraft were purchased directly by the airline from their respective manufacturers. AWAS is providing a financing solution for all four aircraft and then placing them on long-term leases with Lion. This A320 will be assigned to and operated by Lion's Indonesian full service subsidiary Batik Air.

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GA Telesis (UK) acquires six Airbus A321 Single-Aisle aircraft

GA Telesis (UK) has purchased six Airbus A321s (CFM56-5B) last operated by Alitalia. GA Telesis has taken delivery of the first aircraft, MSN 434, and the remaining aircraft will be delivered through the end of 2014 and subsequently remarketed by the GA Telesis Asset Transaction Group (ATG). The first aircraft was delivered to Kemble, United Kingdom, where it will enter the GA Telesis disassembly production line. The engines will be overhauled by GA Telesis Engine Services Ltd (GATES) in Helsinki, Finland. The parts removed from the aircraft will be repaired by the OEMs, GA Telesis Component Repair Group Southeast, and GA Telesis Composite Repair Group, before being distributed by GA Telesis part sales operations globally.

GE9X's new TAPS combustor to maintain its cool under fire

Component testing of the TAPS III (twin-annular pre-mixing swirler) combustor for the GE9X engine for the Boeing 777X is demonstrating promising results. The GE9X TAPS III combustor is a unique third-generation combustion system that pre-mixes air and fuel prior to combustion for leaner burn and fewer emissions than conventional combustion systems. The TAPS combustion was introduced on the GEnx engine for the Boeing 787 Dreamliner and the 747-8 aircraft and was enhanced for the TAPS II combustor in CFM International's LEAP engine for narrowbody aircraft. To design the world-class, low-emissions combustor, GE engineers successfully matched the combustion system to the GE9X's 27:1 pressure ratio, which is the highest pressure ratio of any GE engine. The GE9X team utilized new technologies and materials that require less cooling air

Airbus to expand oversize air transport capability



Airbus launches development of new Beluga oversize transport aircraft

Photo: Airbus

To industrially accompany the A350 XWB ramp-up and other aircraft production rate increases, Airbus took the decision to launch the development and production of five new Belugas. The new Beluga will be based on the A330 with a large re-use of existing components and equipment. The distinctive looking lowered cockpit, the cargo bay structure, the rear end and tail will be amongst the items which will be newly developed. The first of the five new Belugas will enter into service in mid-2019. The existing Beluga fleet will operate in parallel, and will be progressively retired through to 2025. The current Beluga fleet of five aircraft is based on the A300. The "Beluga", is Airbus' unique method for transporting large aircraft components between company production sites in Europe. Airbus had already launched "The Fly 10000" project aiming at doubling the current Beluga capacity by 2017. However the current capacity is limited and the new Beluga fleet will close this capacity gap. With its flexibility and short transport lead-times, oversize air transport is a cornerstone of Airbus' industrial operations.

while allowing more air into the mixer. The additional air in the mixer helps reduce emissions by creating a leaner burn, which will enable the GE9X to have a 30% margin to CAEP/8 standards for NOx. Component testing of the TAPS III combustor began in 2012. This September, a full annular rig combustor test suc-

cessfully demonstrated the material capabilities of the CMC combustor liners, which will be the first continuous CMC combustor liners in a commercial jet engine. The liners were tested at dynamic loading levels well beyond what it will experience in service. Additional full annular rig testing, including GEnx- and

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GE9X-scale combustors, will be conducted during the next two years. The first demonstration core test is scheduled for 2015. The first engine will test in 2016 with flight-testing on GE's flying testbed anticipated in 2017. Engine certification is scheduled for 2018. IHI Corporation, Snecma and Techspace Aero (Safran), and MTU Aero Engines AG are participants in the GE9X engine program.

Hawker Pacific gets first Australian order for two new Beechcraft King Air 350C Heavy Weight aircraft

Hawker Pacific, a leading aircraft sales and product support company in Asia, the Pacific and the Middle East, announced the first Australian order for two new Beechcraft King Air 350C Heavy Weight aircraft. The Royal Flying Doctor Service (Queensland Section) (RFDS) has purchased two of the specialised cargo aircraft from Hawker Pacific. The King Air 350C Heavy Weight model offers an array of valuable features, particularly for aeromedical missions including a uniquely built-in airstair and cargo door and offers an increased payload of 1,400 pounds. The large cargo door is beneficial for the RFDS aeromedical activities, as it will allow improved access for the loading and unloading of patients as well as medical equipment required to be on board. The first of two King Air 350C Heavy Weight aircraft will arrive on Australian soil in April 2015 and will undergo a comprehensive medical fit-out before being incorporated into the RFDS's existing aviation fleet.

MRO & PRODUCTION NEWS

Vector Aerospace receives AS9110B certification at its facility in Richmond, BC.

Vector Aerospace Helicopter Services – North America reported that its MRO facility in Richmond, British Columbia, Canada has achieved AS9110B certification. AS9110B is the standard that was developed by aerospace professionals to meet the specific requirements of Aerospace Maintenance Organizations. AS9110B incorporates the requirements of ISO 9001:2008 and specifies additional requirements for a quality management system for an AMO that performs MRO for aerospace related products. Vector Aerospace holds approvals from some of the world's leading turbine engine, airframe and avionics OEMs. Engine products supported include a wide range from General Electric, Honeywell, Pratt & Whitney Canada, Rolls-Royce and Turbomeca. Vector Aerospace also provides support for a wide range of helicopter airframe platforms

Boeing ecoDemonstrator 787 tests innovations for more efficient air travel



Boeing ecoDemonstrator 787 tests innovations for more efficient air travel

Photo: Boeing

The Boeing ecoDemonstrator 787 has begun flight testing more than 25 new technologies aimed at improving aviation's environmental performance through every phase of flight. The Boeing ecoDemonstrator Program accelerates the testing, refinement and use of new technologies and methods that can improve efficiency and reduce noise. This new round of testing, using 787 Dreamliner ZA004, will evaluate software and connectivity technologies related to operational efficiency; remote sensors to reduce wiring; aerodynamic and flight control improvements for greater fuel efficiency, and icephobic wing coatings to reduce ice accumulation. The ecoDemonstrator 787 completed flight tests in July for an acoustic ceramic matrix composite nozzle designed by Boeing to reduce weight and noise. These tests were part of the FAA Continuous Lower Energy, Emissions and Noise (CLEEN) Program, a competitively bid five-year program with costs shared by participants. In 2011, with an American Airlines Next-Generation 737, the ecoDemonstrator Program tested 15 technologies including aspects of the Advanced Technology Winglet that will improve fuel efficiency by up to 1.8% on the new 737 MAX. In 2015, the ecoDemonstrator Program will test more technologies on a 757 in collaboration with TUI Travel Group and NASA. Supplier partners for ecoDemonstrator 787 technologies and flight tests also include Rolls Royce, Honeywell, Rockwell Collins, General Electric and Panasonic.

Kuwait Airways intends to purchase 10 777-300ER

Boeing released that Kuwait Airways has announced its intent to purchase 10 777-300ER (Extended Range) airplanes worth US\$3.3b at current list prices. The order will be posted on Boeing's Orders & Deliveries website when finalized.



Kuwait Airways to order 10 Boeing 777-300ER

Photo: Boeing

including from Airbus Helicopters, AgustaWestland, Boeing, and Sikorsky, including major inspections and dynamic component overhaul, and offers full-service avionics capability, including complete aircraft re-wiring plus glass cockpit engineering, development and integration.

Air Canada renews radio support agreement with Rockwell Collins

Rockwell Collins announced today that Air Canada has signed a three-year contract to renew the company's ARINC Managed Services

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(AMS) radio support services agreement for the airline's ground handling operation in Canada. Through its AMS offering, Rockwell Collins provides 24x7 on-site technical support for the UHF ground-to-ground communication system and radio equipment used to manage the airline's ground handling operations. It also maintains a depot maintenance facility that provides centralized inventory, spares and parts management, significantly improving equipment repair and response time. "As Canada's largest domestic and international airline, our ground-to-ground communications are a critical part of ensuring our flights depart on time and safely," said Derwin Cady, manager, Airport Technology and Product Development for Air Canada. "Air Canada has consolidated our radio support with Rockwell Collins' ARINC Managed Services, which saves us time and money by having a single, knowledgeable point of contact for all of our maintenance needs."

AFI KLM E&M awarded EASA certification for GENx maintenance

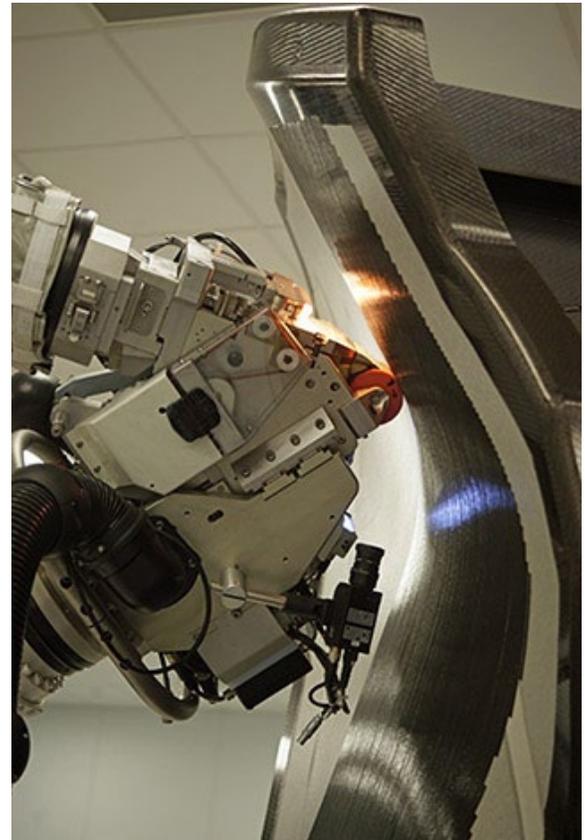
The GENx new-generation powerplant that will equip the AIR FRANCE KLM fleet of Boeing 787s from the end of next year represents another step towards the future in MRO terms. AFI KLM E&M teams will be capable for maintenance, repair and overhaul at its Schiphol engine shop. As first step AFI KLM E&M has obtained its first Quick Turn (QT) capability in October. Final testing will be carried out at AFI KLM E&M's test cell in Paris, the only one in Europe to be approved besides General Electric's own. AFI KLM E&M's GENx expertise will also cover engine component requirements, through its CRMA subsidiary and AFI KLM E&M's repair centres of excellence in Amsterdam and Paris. On the strength of these combined capabilities in its global MRO network, AFI KLM E&M can provide comprehensive, effective engine support solutions to fully satisfy its clients' expectations.

FLYHT receives Airbus A320 certification from the European Aviation Safety Agency

FLYHT Aerospace Solutions reported that it has received a Supplemental Type Certificate (STC) for its Automated Flight Information Reporting System (AFIRS) 228 on the Airbus A320 series aircraft from the European Aviation Safety Agency (EASA). "This STC opens many doors for the AFIRS 228," commented Jeff Brunner, FLYHT's Vice President of Certification Engineering & China Operations. "Many smaller countries and leasing companies accept approval from the state of manufacture to install equipment such as AFIRS." An STC constitutes

GKN Aerospace leads new research to progress wing technologies

GKN Aerospace is to lead a challenging 13-partner, 27 month, £30m future wing research programme, backed by the UK's Aerospace Technology Institute (ATI). The VIEWS (Validation and Integration of Manufacturing Enablers for Future Wing Structures) program will bring promising wing design, manufacture and assembly technologies near to market readiness, whilst selecting some novel technologies for further development. VIEWS will progress technologies that have emerged from the recently completed STeM (Structures Technology Maturity) research program. Also led by GKN Aerospace, STeM has identified processes that could reduce the cost of manufacture and assembly of a typical composite box structure by 20%. The work of the new VIEWS program will span manufacturing and assembly processes including: identifying and defining future manufacturing requirements to produce novel wing architectures; assessing tools that will improve product and process design and enhance the flow of production; progressing a variety of emerging composite and metallic manufacturing and assembly technologies and processes; and studying innovative inspection and repair tools. In the final stages, the partner companies will produce test demonstrators to validate the maturity of key technologies. The VIEWS team includes four industrial partners: GKN Aerospace, Bombardier Aerospace, Spirit AeroSystems, and GE Aviation; five of the UK's high value manufacturing catapult centres: the National Composites Centre, the Manufacturing Technology Centre, the Advanced Manufacturing Research Centre (the University of Sheffield), the Warwick Manufacturing Group (the University of Warwick), and the Advanced Forming Research Centre (the University of Strathclyde); and the Universities of Nottingham, Bath, Bristol and Sheffield Hallam.



STeM winglet lower skin manufacture, using robotic fiber placement
Photo: National Composites Centre (NCC)

regulatory approval to modify an aircraft's design while retaining airworthiness certification and is necessary to permit retrofit installation of aeronautical products such as AFIRS.

Vector Aerospace and Air Niugini sign three-year engine maintenance agreement

Vector Aerospace Engine Services - Atlantic (ES-A) and Air Niugini, based at Jacksons International Airport, Port Moresby, Papua New Guinea have signed a three-year agreement for an engine maintenance program. As per the terms of the three-year exclusive agreement, ES-A provides comprehensive fixed-

wing aircraft engine maintenance, repair and overhaul services to Air Niugini's fleet of PW123D/E powered Bombardier DHC-8-Q315/202s from its facilities in Summerside, Prince Edward Island, Canada, and Brisbane, Australia.

Airstream completes ATR72-500 sale

Airstream International Group has completed the sale of ATR72-500 serial number 720. The aircraft, previously operated by Kingfisher Airways, has been delivered to Air Vanuatu who will be using the aircraft on domestic and international flights. The aircraft, now registered YJ-AV71, underwent extensive re-

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furbishment at Sepang Aircraft Engineering in Malaysia prior to delivery. The work package was managed by McLaren Aviation on behalf of the seller, Plateau Aviation. Barclays Bank acted on behalf of the owner and agent for the French and Italian export credit agencies in the transaction. Aviation Management Sales LLC managed the transaction on behalf of Air Vanuatu.

Boeing and Toray Industries reach agreement on composites for 777X wings

Boeing has signed a memorandum of agreement with leading composite supplier Toray Industries to expand its current contract for the Boeing 787 Dreamliner to include the 777X wings. Once finalized, the long-term contract extension will take effect in 2015 and meet Boeing’s customer affordability goals through the Partnering for Success program. The addition of the 777X to the current 787 contract represents a significant increase in the material provided to Boeing by Toray. Boeing and Toray will also collaborate to improve commercialization of composites in the aerospace market. Specific areas the companies will address include increased consistency and performance of composites across the production system and a cost structure that is more competitive with metals. Boeing and Toray pioneered the use of prepreg composites – a combination of high-strength carbon fiber and toughened epoxy resin – in the 1970s. By 1994, assemblies including the empennage and floor beams were being produced for the 777 program, the first commercial airplane featuring structurally significant composite parts. That early success culminated in the launch of the 787 in 2004, the world’s first largely composite commercial airplane.

Delta adds 25 A350-900 and 25 A330-900neo aircraft to fleet plan



25 A350-900 and 25 A330-900neo to join fleet of Delta Air Lines

Photo: Airbus

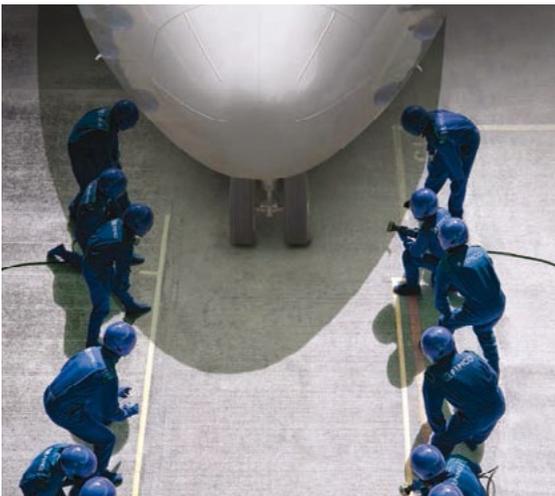
Delta Air Lines has chosen the Airbus A350-900 and A330-900neo to replace older generation Boeing 747 and 767 aircraft starting in 2017 and 2019, respectively. The order for 25 state-of-the-art Airbus A350-900 aircraft and 25 advanced Airbus A330-900neo aircraft fits within Delta’s existing capacity and capital expenditure plan and continues the airline’s focus on making prudent, cost-effective investments in its fleet. Delta chose Trent XWB engines to power 25 Airbus A350s and Trent 7000 engines to power 25 Airbus A330neo aircraft. Delta began a structured fleet renewal in 2011 with the selection of new Boeing 737-900ER aircraft along with Boeing 717s and two-class Bombardier CRJ-900 regional jets, and continued it with transactions for Airbus A321 and A330 aircraft. Those aircraft are replacing inefficient older technology airplanes, generating substantial cost improvement and increased customer satisfaction.

FINANCIAL NEWS

Airbus Group reports improved 9-month results

Airbus Group reported improved results for the first nine months of 2014, driven by an enhanced operational performance across

the company. Demand for the Group’s products remains strong overall with a net book-to-bill for commercial aircraft above 1 at the end of September, already fulfilling the full-year target. Group order intake in the first nine months of 2014 was €78.7bn (9m 2013: €137.0bn), with the order book worth €765.4bn on September 30th, 2014 (year-end 2013: €680.6bn). Airbus received 791 net



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commercial aircraft orders (9m 2013: 1,062 net orders). Net order intake at Airbus Helicopters was 208 units (9m 2013: 276 units), including 19 Super Pumas. Group revenues increased 4.0% to €40.5bn (9m 2013: €38.9bn). Commercial Aircraft revenues rose 5.5%, reflecting the delivery mix with 21 A380s delivered compared to 14 in the first nine months of 2013 and 443 aircraft delivered in total (9m 2013: 445 deliveries). Revenues at Helicopters rose 3.0% with 295 deliveries (9m 2013: 312 units), including the initial EC145 T2. Group EBIT before one-off – an indicator capturing the underlying business margin by excluding material non-recurring charges or profits caused by movements in provisions related to programmes and restructurings or foreign exchange impacts – improved to €2,590m (9m 2013: €2,320m). Commercial Aircraft EBIT before one-off reached €1,780m (9m 2013: €1,712m), driven by operational improvement, including progress on the A380 programme towards breakeven, and the favourable evolution of maturing U.S. dollar hedges despite higher research and development expenses and A350 XWB support costs. Helicopters' EBIT before one-off was €241m (9m 2013: €217m), reflecting the Super Puma recovery. Reported EBIT increased 21% to € 2,583 million (9m 2013: €2,131 million with one-offs limited to a € 7 million charge from the dollar pre-delivery payment mismatch and balance sheet revaluation. The finance result was €-612m (9m 2013: €-435m while net income rose to €1,399m (9m 2013: €1,203m). Net income and EPS included €-178m of negative foreign exchange revaluation before taxes, particularly in the third quarter. Group self-financed R&D expenses totalled €2,376m (9m 2013: €2,152m). Free cash flow before acquisitions improved significantly to €-2,090 m (9m 2013: €-4,749m), reflecting tight cash control while investing in production and development programs. Third quarter free cash flow before acquisitions was positive at €180m (Q3 2013: €-686m). The net cash position on September 30th, 2014 was €5.3bn (year-end 2013: €8.5bn) after the 2013 dividend payment of €587m and € 349m pension plan contribution. The gross cash position on September 30th, 2014 was €12.4bn.

AeroTurbine refinances credit facility and increases size to US\$550m

AerCap Holdings' subsidiary AeroTurbine signed an amendment and extension of its credit facility which increases the size from US\$430m to US\$550m and extends the maturity of the facility to the fourth quarter of

2019. The credit facility amendment was led by Crédit Agricole CIB, the incumbent administrative agent. Other joint-book runners included Morgan Stanley, JP Morgan, BNP Paribas and MUFG Union Bank. Fifth Third Bank acted as documentation agent. The number of participating banks increased from nine to fifteen. "We are grateful for the continuing support from our banking group as we continue expanding our global business," said Michael King, AeroTurbine President and Chief Executive Officer. "This credit facility further increases our access to attractively priced capital and strengthens our ability to aggressively pursue acquisitions of the most profitable aircraft, engines and parts inventory."

Intrepid finances one A330-300 with Credit Agricole CIB and CIC

Intrepid Aviation announced the financing of one Airbus A330-300 on lease to China Airlines. The aircraft was purchased with cash earlier this year. Credit Agricole CIB and CIC are the long-term lenders in this transaction. Intrepid Aviation is a privately held commercial aircraft lessor, which owns commercial aircraft leased to airline operators worldwide. Intrepid Aviation focuses primarily on twin-engine widebody equipment, such as the Boeing 787, 777 and the Airbus A330 aircraft.

Héroux-Devtek reports fiscal 2015 second quarter results

Héroux-Devtek, a leading Canadian manufacturer of aerospace products, today reported its results for the second quarter of fiscal 2015 ended September 30, 2014. Results include the contribution of APPH Limited and APPH Wichita Inc. (collectively "APPH"), acquired on February 3, 2014. Consolidated sales grew 49.1% to CA\$84.1m, up from CA\$56.4m in the second quarter of fiscal 2014. This CA\$27.7m increase is essentially attributable to a CA\$23.5m contribution from APPH, while year-over-year fluctuations in the value of the Canadian currency versus the US currency increased second-quarter sales by CA\$1.5m. Excluding these elements, sales increased CA\$2.7m, or 4.8%, on a comparable basis. Sales to the commercial aerospace market increased 38.8% to CA\$37.5m reflecting commercial sales of CA\$7.9m from APPH. Excluding the latter, commercial sales rose 9.4% due to higher production rates for certain large commercial aircraft programs, mainly the B-777 and B-787 aircraft, and higher sales to the business jet market, reflecting the entry into production of the Embraer Legacy 450/500 program. Gross profit reached CA\$13.1 million, or 15.6% of sales, up from CA\$7.9m, or 14.0% of sales, last year. The in-

crease in dollars and as a percentage of sales reflects the acquisition of APPH, including its more favourable product mix during the period. Reflecting higher gross profit, adjusted EBITDA, which excludes restructuring charges of CA\$0.8m related to manufacturing capacity optimization and consolidation initiatives announced in January 2014, as well as certain charges related to the integration of APPH's operations, stood at CA\$10.0m, or 11.9% of sales, up from CA\$6.5m, or 11.6% of sales, a year ago. Adjusted net income, which excludes restructuring charges of CA\$0.6m, net of taxes, stood at CA\$3.8m in the second quarter of fiscal 2015, versus CA\$2.8m in the second quarter of fiscal 2014, excluding acquisition-related costs of CA\$0.2m, net of taxes. Last year, the Corporation recorded a favourable adjustment of deferred income tax liabilities amounting to CA\$0.9m.

Copa Holdings reports net income of US\$66.0m

Copa Holdings posted financial results for the third quarter of 2014. Net income of US\$66.0m for 3Q14, excluding special items, Copa Holdings would have reported an adjusted net income of US\$99.8m, a 14.1% decrease from adjusted net income of US\$116.2m for 3Q13. Operating income for 3Q14 came in at US\$111.1m, a 24.7% decrease from operating income of US\$147.5m in 3Q13. Operating margin for the period came in at 16.7% or 5.0 points below 3Q13, as a result of lower unit revenues. Total revenues decreased 2.0% to US\$663.7m. Yield per passenger mile decreased 7.7% to 15.9 cents and operating revenue per available seat mile (RASM) decreased 9.9% to 12.5 cents. Adjusting for a 10.2% increase in average length of haul, yields decreased 3.2% and RASM decreased 5.4%.

Wesco Aircraft Holdings reports results for fiscal 2014 fourth quarter

Wescos Aircraft's net sales in the fiscal 2014 fourth quarter were US\$408.2m an increase of 74% compared to US\$234.3m in the prior year period. External sales in the North America segment increased 72%, while Rest of World external sales increased 83%, in each case, compared to the fiscal 2013 fourth quarter. The external sales increase in both segments was driven mainly by the Haas acquisition, as well as growth across the company's customer base resulting from the continued ramp-up of recently awarded contracts, scope expansion on existing contracts, and new contract wins. Wesco Aircraft's organic sales (excluding the February 2014 acquisition of Haas Group) increased approximately 10% in the fiscal 2014 fourth quarter compared

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to the prior year period. Organic sales in the North America and Rest of World segments increased 11% and 7%, respectively, over the same periods. Net income in the fiscal 2014 fourth quarter was US\$24.6m Adjusted net income was US\$29.7m compared to US\$31.7m in the same period last year. The decrease was primarily due to lower operating margins and higher interest expense as a result of the Haas acquisition financing, partially offset by growth in sales. Adjusted earnings before interest, taxes, depreciation and amortization (EBITDA) in the fiscal 2014 fourth quarter were US\$58.0m, compared to US\$53.0m for the same period last year.

MILITARY AND DEFENCE

Fokker signs agreement in principle for F-35 drag chute fairing assembly

Fokker signed an agreement in principle with Lockheed Martin for the delivery of the drag chute fairing assembly for Lockheed Martin's F-35 Lightning II. The drag chute fairing assembly is a composite /metal construction that enables the F-35 Lightning II to release the drag chute. Drag chutes are used for fighter aircraft that operate from shorter runways or from wet or icy runways in cold climates. This agreement in principle helps secure skilled specialist work at Fokker in Hoogeveen and Papendrecht (Netherlands) over the coming years. Norway will be the first country to receive the drag chute system, and Canada and the Netherlands are also considering adding this capability to their F-35 aircraft. Under this agreement, Fokker will be responsible for design improvements, industrialization, tooling design and manufacturing for the drag chute fairing, which is a complex component that protects the chute and mechanisms during flight and opens to release the chute at landing. The fairing is designed to preserve the aerodynamic and stealth capability of the F-35. First activities start end of 2014 and this agreement in principle reaffirms Fokker's position as a strategic supplier in the F-35 program.

Honeywell to power Textron Scorpion Aircraft

Honeywell Aerospace has been selected as the production aircraft engine supplier for the Textron AirLand Scorpion aircraft. Honeywell's proven TFE731-40AR-3S engine was previously selected for the development stage of the program and this agreement has been extended to the aircraft production phase. The

Scorpion is designed to perform a wide range of diverse missions and offers one-of-a-kind intelligence, surveillance, reconnaissance and strike capabilities at an unmatched value with low operating costs. The mature, lightweight TFE731 engine complements the aircraft's multipurpose role in the marketplace.

Northrop Grumman awarded contract to supply new mission computer for Marine Corps H-1 Helicopter upgrades

Northrop Grumman Corporation has been awarded a contract from Naval Air Systems Command to deliver its next-generation mission computer for the Marine Corps' H-1 helicopter upgrade program. Under this contract, Northrop Grumman will provide FlightPro Gen III mission computers for the UH-1Y and AH 1Z aircraft. These aircraft will be the first to benefit from the latest model in the FlightPro product line. Deliveries will be completed by October 2017. The lightweight FlightPro Gen III mission computer integrates advanced mission, weapons and video processing capabilities into a conduction-cooled, high-performance airborne computer. Northrop Grumman will now provide identical mission computers for the UH-1Y and AH-1Z aircraft that make up the Marine Light Attack Helicopter Squadrons, resulting in greater cost efficiency and simplified logistics for deployed forces.

France announces order for Airbus A330 MRTT air-to-air refuelling aircraft

Airbus Defence and Space has been selected by the French Ministry of Defence to supply 12 A330 MRTT new generation air-to-air refuelling aircraft for the French Air Force. The first delivery is foreseen for 2018, followed by the second in 2019, and then at a rate of one or two per year. The contract agreed between the French procurement agency, la Direction Générale de l'Armement (DGA), and Airbus Defence and Space is now ready for official award. The contract covers the development and qualification of the specific French configuration as well as the associated support and training systems, such as spares, ground support equipment, training devices and five years of in-service support from first delivery. France's choice of the A330 MRTT makes it the sixth nation to order the type following Australia, Saudi Arabia, Singapore, the United Arab Emirates, and the United Kingdom which have ordered a total of 34 aircraft. In addition, India and Qatar have selected the MRTT and are in the final stages of contractual negotiations for six and two aircraft respectively. A total of 22 aircraft are currently in service and the aircraft has been battle-proven in recent coalition actions.

Airbus Helicopters gets approval of new aircrew training system EC135 T2+ helicopter

The Australian Government formally approved a new Helicopter Aircrew Training System (HATS) from Airbus Helicopters, for the Australian Defence Force (ADF). Under the JP 9000 Phase 7 HATS project, a new joint helicopter training program for both Army and Navy aircrew will utilise some 15 EC135 T2+ helicopters, along with EC135 flight simulators and a new flight-deck equipped sea-going training vessel. Boeing Defence Australia (BDA) is the prime contractor for the new training system, partnered by Thales Australia which will supply the flight simulators. "The EC135 T2+ can be equipped with a full range of additional mission equipment and is similar to the multi-role and combat helicopters now in service with the ADF. This ensures a smooth transition for student pilots as they graduate from a training environment to Army and Navy frontline squadrons, including those equipped with new-generation Tiger ARH and MRH90 helicopters", says Peter Harris, Head of Sales – Australia Pacific.

OTHER NEWS

Etihad Airways and Alitalia will offer enhanced connections between Abu Dhabi and three of Italy's biggest cities next year, with combined double-daily flights to Milan and Rome, and a new daily service to Venice. The two airlines signed a major codeshare expansion which, subject to government approval, will result in Etihad Airways placing its 'EY' code on Alitalia's new daily service between Venice and Abu Dhabi. The flights launch on March 29th, 2015 will be using an Airbus A330-200 aircraft with 20 Business Class seats, 17 Economy Plus Class seats, and 213 Economy Class seats. In addition, the 'EY' code will be placed on Alitalia's upcoming daily service between Abu Dhabi and the global fashion capital Milan, which also launches on March 29th, 2015, and will be operated using a Boeing 777 aircraft with 30 seats in Business Class, 24 seats in Economy Plus Class, and 239 seats in Economy Class. The flights will combine with Etihad Airways' popular daily service between the two cities to provide travellers with a convenient double-daily frequency. Both airlines already codeshare on each other's daily services between Abu Dhabi and Rome, and subject to government approval, Etihad Airways will codeshare on 15 of Alitalia's domestic routes from Rome Fiumicino Airport next year, offering extensive access to and from the country. The codeshare agreement was expanded a week after Etihad Airways and Alitalia received merger clearance from the European

OTHER NEWS

Commission for a proposed strategic partnership, under which Etihad Airways will acquire a 49% stake in the Italian national carrier.

Qantas and **China Eastern** announced a new joint venture, marking the start of a deeper level of commercial cooperation on flights between Australia and China. The airlines will now submit an application for authorisation to Australian and Chinese regulators. Subject to regulatory approval, it is anticipated that the joint agreement will commence in mid-2015. The five year agreement was signed by Qantas Group CEO Alan Joyce and China Eastern Chairman Liu Shaoyong. Under the agreement, the airlines will deliver substantial benefits for customers and support the growing trade, tourism and corporate travel links between Australia and China. It is designed to complement the Qantas-Emirates partnership for Europe, Middle East and North Africa and the Qantas-American Airlines partnership for the US. Through the new partnership, the airlines hope to ultimately open up new routes between Australia and mainland China, such as between Brisbane and Perth to Shanghai. A key benefit of the agreement will be the co-location of both carriers' operations in Terminal 1 at Shanghai International Airport, which will cut transit times by about an hour, open up a better range of onward connections, and provide more choices for customers.

Alitalia and **Etihad Airways** received merger clearance from the European Commission under EU Regulation No. 139/2004. They can therefore proceed with the proposed strategic partnership announced in August. Following the completion of its review, the European Commission confirmed that the partnership complies with the European regulations on competition. In line with previous cases, the airlines undertook commitments aimed at facilitating the entry of new airlines on the Rome to Belgrade route. The parties continue to work together with a view to completing the transaction before the end of the year. President and Chief Executive Officer of Etihad Airways, James Hogan, said: "We are delighted to be able to move forward with this process and look forward to a positive outcome and the final conclusion of our transaction with Alitalia "An equity investment in Alitalia will be beneficial not only for both airlines but, more importantly, it will give more choice and broader travel opportunities to business and leisure travellers into and out of Italy."

The airberlin group has equipped the first two aircraft in its fleet with the new 'airberlin connect' Wi-Fi service



Airberlin A320-200

Photo: Airberlin

The airberlin group has equipped the first two aircraft in its fleet with the new 'airberlin connect' Wi-Fi service. The two Airbus A320s, registered D-ABNJ and OE-LEL, now boast a Wi-Fi system from Panasonic Avionics Corporation, so passengers can access the internet with their own smartphone, tablet or laptop during the flight. In addition, passengers on short and medium-haul flights will enjoy an entertainment offering with TV series, movies and music available for streaming to their own device with the new Wi-Fi service. Passengers will be able to choose their own personal entertainment from more than 180 hours of media. On long-haul routes, passengers will continue to enjoy the RAVE in-seat entertainment system.

WestJet has reached a tentative agreement with its more than 1,200 pilots, represented by the **WestJet Pilot Association (WJPA)**. The agreement's highlights will be available in early December and voting will begin later in the month. "This is a collaborative agreement that will ensure WestJet remains fully competitive into the future, while providing our pilots with an industry-leading agreement," said Gregg Saretsky, WestJet President and CEO. "This agreement represents WestJet's commitment to work directly with the WJPA on behalf of pilots, based on our shared interests and for the good of the airline." "The WJPA executive and a team of WestJet leaders worked diligently to find creative solutions that balanced improved productivity and flexibility with significant improvements in compensation," said Fred Cleveland, WestJet Executive Vice-President, Operations. The WJPA and WestJet leadership teams began negotiations in September 2014 to develop a tentative agreement to replace the previous agreement, which has been in place since May 2009.

AerData, the provider of lease management, records management and engine fleet planning software announced that **Elix Aviation Capital Limited**, the turboprop leasing specialist has selected AerData's CMS software.

AerData's Corporate Management System (CMS) is an industry-leading platform that supports all business processes in aircraft leasing and asset management. Commenting on the announcement, Mark Nieuwendijk, Managing Director of AerData said "We are delighted to announce Elix as our newest CMS customer. Yet another example of a new Dublin-based leasing company choosing AerData. CMS will assist them to expand their activities using an industry standard lease and asset management platform."

United reported that the company's approximately 140 fleet technical instructors, represented by the **International Association of Machinists & Aerospace Workers (IAM)**, have ratified a new joint labor agreement. In addition, the company's 49 IAM-represented security officers also voted to ratify a new joint agreement. United has now achieved joint collective bargaining agreements with a majority of its represented work force, including pilots, dispatchers, fleet service, passenger service, reservations and storekeeper work groups. The company is engaged in facilitated problem-solving negotiations with the Association of Flight Attendants (AFA) and is in mediation with the International Brotherhood of Teamsters (IBT), representing technicians.

OTHER NEWS

Air China and **Air New Zealand** have signed a Statement of Intent that will pave the way for a strategic alliance on services between China and New Zealand. The proposed alliance between the two national flag carriers and Star Alliance partners would see Air China operate a new direct Beijing – Auckland service in addition to Air New Zealand’s existing Shanghai – Auckland service. The alliance remains subject to regulatory approval. In addition to a new route, an alliance between the carriers would bring significant benefits to customers travelling in both directions including better network connections in both China and New Zealand and increased frequency of flights. Air China CEO Song Zhiyong says Air China is committed to being a global hub carrier and alliances and partnerships are an important way to expand its international network. Air New Zealand Chief Executive Officer Christopher Luxon says a deeper bilateral agreement between the two airlines would help to facilitate both business and tourism links between the two countries.

Recommended Events



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

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

Routes Americas

February 01, 2015 – February 03, 2015
The Sheraton , Downtown, Denver

AIME – Aircraft Interiors Middle East

February 02, 2015 – February 03, 2015
Dubai World Trade Centre, Dubai, United Arab Emirates

MRO Middle East – Maintenance, Repair & Overhaul

February 02, 2015 – February 03, 2015
Dubai World Trade Centre, Dubai, United Arab Emirates

[Click here for more aviation events](#)

INDUSTRY PEOPLE

- **Donna Hrinak**, president of Boeing Brazil, will have expanded responsibilities to include all of Latin America. She will continue heading Boeing in Brazil from São Paulo while leading the company’s strategy to grow regional market opportunities in Latin America as president of Boeing Latin America. Hrinak joined Boeing in 2011 as the president of Boeing Brazil. She has been responsible for implementing a comprehensive company-to-country strategy that grew Boeing’s presence through new sites and a research and technology center. Boeing also developed new partnerships with customers, industry, government, educational institutions and the community.
- **Benjamin Moreau** has been appointed Chief Executive of AIR FRANCE KLM Group subsidiary CRMA. Founded in 1957 and based in Elancourt, CRMA has a workforce of over 300 and specializes in the repair of engine parts and assemblies, especially those of CFM Engines, Very Big Engines (GE90, GP7200) and aircraft component overhaul.
- Wesco Aircraft Holdings announced that **Gregory A. Hann**, executive vice president and chief financial officer, has informed the company’s board of directors of his inten-

tion to retire, effective March 31st, 2015. To ensure an orderly transition, Mr. Hann will continue to serve as Wesco Aircraft’s chief financial officer until a replacement can be found, and will remain an employee of the company until March 31st, 2015. Thereafter, Mr. Hann will serve as a consultant to the company for one year.

- Singapore Technologies Engineering announced the appointment of senior management personnel to new key management positions in the Group with a view to further strengthen its leadership team. **Mr Lee Fook Sun**, currently President of Singapore Technologies Electronics (ST Electronics) and President, Defence Business of ST Engineering, will assume additional responsibilities as Deputy CEO of ST Engineering. In this new position, he will explore additional synergies across the Group’s four business sectors. **Mr Vincent Chong Sy Feng**, currently President of Strategic Plans & Business Development, Singapore Technologies Aerospace (ST Aerospace), will be appointed Deputy CEO (Corporate Development). In this new position, he will oversee the Group’s corporate functions. **Mr Lim Serh Ghee**, currently Chief Operating Officer and President, Defence Business of ST Aerospace, will be appointed President ST Aerospace. The sector is currently overseen by Mr Tan Pheng Hock, President and CEO of ST Engineering. The appointments are effective 1 December 2014.

AVITRADER

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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	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	Wing Capital	CFM56-3C1	26066		Jan 2015	Sale / Lease	Ben Jacques	bjacques@wngcapital.com	+353 766025252
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	28550	1997	Jan 2015	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
B737-500	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
B737-800 (5)	Wing Capital	CFM56-7B26	various		7-12/2015	Lease	Ben Jacques	bjacques@wngcapital.com	+353 766025252
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

Regional Jet / Turboprop Aircraft

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



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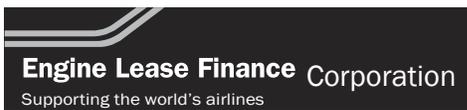
THE AIRCRAFT AND ENGINE MARKETPLACE

Regional Jet / Turboprop Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
ERJ-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	erikc@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@casi.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		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) CF6-80C2B7F	Now - Sale / Lease		Steven Boecker	steven.boecker@aersale.com	+1 305 815-9855
(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 - Lease	AeroTurbine	Elizabeth Peters	epeters@aeroturbine.com	+1 786 925 8517
(2) CF6-80C2B6F	Now - Sale / Exchange				
(3) CF6-80C2B6F	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
(2) CFM56-5A3	Now - Sale	Aeronautics Fund	Jerome Guichard	jg@afd.aero	+33 6 88 92 28 54
CFM56-5A1 (SV)	Now - Sale / Lease	TrueAero, LLC	Brent Corrie	bcorrie@trueaero.com	+1 561-310-3242
CFM56-3C1 (SV)	Now - Sale / Lease				
(1) CFM56-7B27	Now - Lease	Engine Lease Finance	Joe Hussar	joseph.hussar@elfc.com	+1 617 828-3569
(1) CFM56-5B1/P	Now - Lease				



STANDS ON DEMAND



THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

CFM56 Engines (cont.)	Sale / Lease	Company	Contact	Email	Phone
(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@avvaireservices.com	+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	Dec 14 - Sale/Lease/Exch.	AerSale, Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CFM56-3B1	Now - Lease				
(1) 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@lta.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				
(6) CFM56-3C1	Now - Sale / Exchange	AeroTurbine	Elizabeth Peters	epeters@aeroturbine.com	+1 786 925 8517
(1) CFM56-5C3/G	Now - Sale / Exchange				
(1) CFM56-5A1	Now - Lease				
(2) CFM56-3C1	Now - Lease				
(1) CFM56-3B1	Now - Lease				
(1) CFM56-5A3	Now - Lease				
(1) CFM56-7B	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				
(2) 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
(2) PW2037	Q2/15 - Sale	Wing Capital	Ben Jacques	bjacques@wngcapital.com	+353 766025252
(1) PW2037	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(2) 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	erick@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				
(2) PW4060-3	Now - 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	Now 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	erick@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) A320 Landing Gear, SV Cond	Now - Sale	Rotable Solutions	James Cobbold	james.cobbold@rotablesolutions.com	+44 1692 531151
(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	Mark Napier	mnapiere@aeroturbine.com	+1 972-813-1186
GTCP131-9A, (2) RE220RJ, GTCP331-350C, APS3200					