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WORLD NEWS

QZ8501 Flight schedule blunder

Some air traffic controllers dealing with the doomed AirAsia QZ8501 have been reportedly dismissed after they failed to detect and check that the aircraft was not on an approved flight schedule. The A320 on which 162 people lost their lives, was flying an unauthorised route, according to Indonesia's transport ministry. The flight crew were travelling from Surabaya to Singapore but were reportedly using the summer schedule - as opposed to the winter one - which allows them to fly on different days.

Air Arabia eyes Jordanian hub

Air Arabia announced that it will open a new international hub at Amman Queen Alia International Airport in Jordan, its fifth fixed-based operation globally, following the acquisition of a 49% stake in Petra Airlines. The deal will see the existing principle shareholder of Petra Airlines 'RUM Group' maintain a 51% stake. The new partnership will also lead to the creation of 'Air Arabia Jordan'.

United extends Wi-Fi to regionals

United Airlines has expanded Wi-Fi to the first of its United Express regional aircraft. The airline will outfit more than 200 E175, E170 and CRJ700 regional jets with Gogo's ATG-4 advanced air-to-ground Wi-Fi product. By mid-2015, United expects to complete installation on nearly all these aircraft. Additionally, the company will begin providing Personal Device Entertainment on regional jets this year, offering passengers complimentary movies and television shows to view on their Wi-Fi-enabled iOS and Android devices using United's mobile app, as well as on laptop computers.



U.S. commercial airlines to have Safety Management Systems in place by 2018

Photo: Southwest Airlines

U.S. gets tough on Safety

New rule advances U.S. airline industry's proactive safety culture

The United States Federal Aviation Administration (FAA) released a final ruling that requires most U.S. commercial airlines to have Safety Management Systems (SMS) in place by 2018. The rule builds on the programmes most U.S. airlines already use to identify and reduce aviation risk.

The FAA said SMS gives airlines a set of business processes and management tools to examine data gathered from everyday operations, isolate trends that may be precursors to incidents or accidents, take steps to mitigate the risk, and verify the effectiveness of the programme. SMS uses four key components – safety policy, safety risk management, safety assurance, and safety promotion.

U.S. Transportation Secretary Anthony Foxx said SMS gives airlines the tools they need to further reduce risk in commercial aviation. "Aviation is incredibly safe, but continued growth means that we must be proactive and smart about how we use safety data to detect and mitigate risk," said Foxx.

expected rather than "how" the requirement is to be met. This allows each air carrier to design an SMS to match the size, complexity and business model of its organisation. An SMS does not take the place of regular FAA oversight, inspection and audits to ensure compliance with regulations.

"Aviation safety, by its very nature, is a shared responsibility, and many of our members participated in the FAA SMS pilot programme."

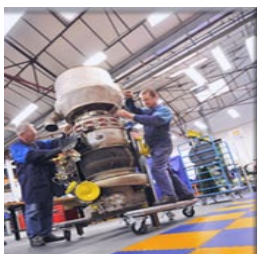
Roger Cohen, President US Regional Airline Association (RAA)

According to the FAA the rule requires airlines to implement an SMS within three years. Airlines must submit their implementation plans to the FAA within six months. The rule also requires a single accountable executive to oversee SMS. An SMS defines "what" is

The FAA estimates the rule will cost the airlines \$224.3 million over 10 years (\$135.1 million present value).

The FAA estimates the benefits will range from \$205 million to \$472.3 million over 10 years (\$104.9 to \$241.9 million present value). The FAA is offering a federally developed and funded software system

Continued on page 3



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...continued from page 1

to help airlines implement SMS. The system will cost the FAA \$2.6 million per year to maintain.

Various groups have supported the new rule including Airlines 4 America (A4A) and the US Regional Airline Association (RAA). "Our members are fierce competitors, but we do not compete on safety because we know it is our most important job, and there is nothing more important than the safe arrival of our passengers, crew and cargo," said A4A President and CEO Nicholas Calio. "That is why our members adopted this approach long before it became a rule; our work is a driving force as to why the U.S. industry is the model for the world in aviation safety."

RAA President Roger Cohen underlined that his association's 29 airline members have been voluntarily implementing SMS long before it became a requirement and work closely with other aviation stakeholders to identify and inventory best practices and share this information collectively. "Aviation safety,



The FAA estimates the rule will cost American carriers \$224.3 million over 10 years.

Photo: American

by its very nature, is a shared responsibility, and many of our members participated in the FAA SMS pilot programme," added Cohen.

AIRCRAFT & ENGINE NEWS

AerCap leases twenty-four A320neos to China Southern

AerCap Holdings has signed an agreement with China Southern, the largest airline in both Asia and The People's Republic of China, for the lease of twenty-four Airbus A320neo family aircraft from its order book. The A320/A321neos will be delivered to China Southern between 2016 and 2019 and will be equipped with PW1100G-JM engines from Pratt & Whitney. AeroTurbine, AerCap's after-market subsidiary, has also agreed to purchase four older vintage aircraft from China Southern. These aircraft will be disassembled and parted-out.

Engine Alliance enters revenue service with Etihad Airways

GP7200 engines have entered revenue service with Etihad Airways' first EA-powered A380. The airline operated its first revenue flights on December 27th, 2014 between Abu Dhabi International Airport and London Heathrow Airport. The EA-powered A380 entered service in August

2008. Currently 82 EA-powered A380s are in operation around the globe: 57 with Emirates, ten with Air France, ten with Korean Air, four with Qatar Airways and one with Etihad Airways. The EA-powered A380 fleet is supported by the world's largest network, with field service engineers available in more than 100 cities around the globe. We are excited to welcome Etihad Airways to the Engine Alliance family," said EA President Dean Athans. "Etihad gains the benefit of more than 3 million hours of GP7200 experience, in addition to the PW4000, GE90 and GEnx experience that have directly benefitted the GP7200 engine. We are proud to be the engine of choice in the Middle East."

Boeing Commercial Airplanes achieves milestone year for deliveries and orders in 2014

Boeing set a record for the most commercial airplanes delivered in a single year at 723 in 2014, breaking the company record for a second consecutive year. The company also booked 1,432 net orders, carrying a value of US\$232.7bn at list prices, breaking the previous all-time high set in 2007. Boeing's unfilled commercial orders stood

at 5,789 at the end of the year – also a new company all-time high. All three Boeing Commercial Airplanes production sites – Everett and Renton, Wash. and North Charleston, S.C. – each set new site records for airplane deliveries. In 2014, three individual commercial programs achieved notable milestones, each a single-year record: 737 program delivered 485 of the popular single-aisle airplanes

777 program delivered 99 airplanes

787 program delivered 114 Dreamliners, including the first 787-9 to launch customer Air New Zealand and first direct deliveries to 13 airline customers.

Of the 1,432 net commercial orders Boeing booked in 2014, the Next-Generation 737 and 737 MAX led the way with 1,104 units, followed by the 777 and 777X with 283 units.

Bristol Associates completes sale of five ex-UTAir Ukraine 2012 vintage ATR72-500's

Bristol Associates (Washington, DC), on behalf of the owner BLF (Bermuda), has completed the sale of five ex-UTAir Ukraine 2012 vintage ATR72-500's (MSN's 994, 1000, 1029, 1036 and 1037) to ABRIC Leasing (Ireland).

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SIGNS OF THE TIMES
Year in review and outlook for 2015

AIRCRAFT & ENGINE NEWS

Royal Air Maroc celebrates arrival of first 787 Dreamliner

Royal Air Maroc this weekend celebrated the arrival into Morocco of its first 787 Dreamliner. The airline will be the first carrier in the Mediterranean region to operate the 787. The airplane, delivered to the airline on Dec. 31st, 2014 from Boeing's Everett, Wash. Delivery Center, flew a 4,788 nautical mile (8,867 kilometer) nonstop flight to Royal Air Maroc's home base in Casablanca at Mohammed V International Airport.

FPG and Amentum acquire two Norwegian 737-800s

Financial Products Group ('FPG'), the Tokyo-headquartered, listed independent financial services firm and Amentum Capital ('Amentum'), the Dublin-based aircraft leasing company announced the acquisition of two 737-800s (MSN 35647 and 36814). The aircraft are on lease to Norwegian Air Shuttle ASA and were acquired from an affiliate of CDB Leasing.

Boeing, Qatar Airways finalize order for four 777 Freighters

Boeing and Qatar Airways have finalized an order for four 777 Freighters, valued at US\$1.24bn at current list prices. The airline also has purchase rights for four additional airplanes, which when exercised will bring the combined value to US\$2.46bn. Qatar Airways first announced an intent to order the four 777 Freighters at the 2014 Farnborough Airshow.

Boeing and Silk Way West finalizing purchase agreement for three 747-8 Freighters

Boeing and Azerbaijan-based airline Silk Way West announced that the two companies are finalizing terms and working toward a purchase agreement for three 747-8 Freighter airplanes. When finalized, the contract will be valued at more than US\$1.1bn at current list prices. The order will be posted on Boeing's Orders & Deliveries website once all contingencies are cleared.

Dragon Aviation Leasing takes delivery of four Boeing 737-800

Dragon Aviation Leasing took delivery of four Boeing 737-800 in Seattle. These four aircraft are the first aircraft of the purchase order signed with Boeing in 2013. The aircraft are leased to China Eastern and co-leased to China United Air-

GE's Passport engine for Bombardier Global 7000/8000 begins flight-testing on historic 747



GE's Passport engine for Bombardier Global 7000/8000 begins flight testing

Photo: GE Aviation

GE Aviation's Passport Integrated Propulsion System for Bombardier's new Global 7000 and Global 8000 business jets began flight-testing on GE Aviation's 747-100 flying test-bed. On December 30th, 2014, a single Passport engine successfully demonstrated aircraft systems and instrumentation functionality. Flight-testing will continue through January prior to expected FAA certification in 2015. To date, the Passport engine has accumulated more than 750 hours and 300 cycles of testing. Before entry into service, the Passport engine will accumulate the equivalent of 10 years of flying for an average Bombardier Global 7000 or Global 8000 aircraft operator, with more than 4000 hours and 8000 cycles. The first flight of the Passport IPS completes a busy year of testing. Most recently, GE completed hail and bird ingestion certification tests and is currently instrumenting Passport engines for water ingestion and fan blade out certification tests, which will commence in the coming weeks. In April, ice ingestion tests were completed at GE's icing facility in Winnipeg, Manitoba. In February, ground testing in an altitude chamber at GE Aviation's headquarters in Evendale, Ohio, demonstrated engine performance and operability from sea-level to 51,000 feet. The Passport engine's first flight occurred on GE's flying test laboratory, a modernized 747-100. It was the 16th aircraft shipped off the original Boeing 747 production line, entering service for Pan Am in 1972. The Passport engine for the Global 7000 and Global 8000 business jets will produce 16,500 pounds of thrust and will incorporate advanced technologies and materials to provide: 8% lower specific fuel consumption than engines in its class; margin to CAEP/6 emissions and to Stage 4 noise regulations; and world-class reliability and support.

Boeing and Air New Zealand finalize order for two 787-9 Dreamliners

Boeing and Air New Zealand have finalized an order for two additional 787-9 Dreamliners, valued at US\$514m at current list prices. The order, booked in 2014, comes six months after Air New Zealand celebrated the first 787-9 delivery in July. "The entry into service program has gone very smoothly



Air New Zealand finalizes order for two 787-9 Dreamliners

Photo: Boeing

and we've been incredibly pleased with the aircraft's performance," said Christopher Luxon, chief executive officer, Air New Zealand. "These new 787-9 Dreamliners will provide us with additional flexibility as we move forward with our growth plans." This order will eventually increase the airline's fleet to a total of 12 787-9s, which will operate alongside 15 777-200ERs (Extended Range) and 777-300ERs.

AIRCRAFT & ENGINE NEWS

lines and are the first four of eight aircraft to be leased to China Eastern. The purchase of the Aircraft was funded with financing organized by, in chronological order, 1) DVB Bank SE, Landesbank Hessen-Thüringen Girozentrale and CTBC Bank Co., Ltd.; 2) Natixis; 3) Norddeutsche Landesbank Girozentrale; 4) Deutsche Bank AG.

MRO & PRODUCTION NEWS

Precision Aircraft Solutions receives winglet 757 MZFW upgrade approval

Precision Aircraft Solutions has received FAA approval for a new Maximum Zero Fuel Weight (MZFW) increase on both winglet- and non-winglet-equipped Precision Conversions freighters. The most recent upgrade authorization allows Precision to further increase MZFW as high as 200,000 lbs. (90,718 kg) — 12,000 lbs. (5,443 kg) over the OEM highest certificated MZFW for Rolls-Royce - and Pratt & Whitney-powered 757s. This translates to gross structural payloads of up to 84,000 lbs. (38,101 kg) for Rolls-Royce PCF variants and 82,000 lbs. (37,194 kg) for Pratt-powered PCF variants, line number 210+. The weight upgrade greatly expands available feedstock for operators and improves residual value for owners.

Safran bolsters production capacity in Poland

Safran announced today that one of its companies, Hispano-Suiza, is building a new plant in Poland with the support of Polish authorities, to meet the requirements of two other Safran companies, Snecma and Techspace Aero, for the LEAP and Silvercrest engine programs respectively. Set to be completed by the end of 2016, the new production plant will be located near the Hispano-Suiza Polska plant in "Aviation Valley", a

AgustaWestland to supply AW189 Civil Helicopters to Rosneft

Finmeccanica-AgustaWestland, announced that, following an agreement signed on 29th December, it will provide 160 AW189 civil helicopters to the oil company Rosneft by 2025. The supply will be provided mainly through HeliVert, a joint venture between



Agusta Westland to supply AW189 Civil Helicopters to Rosneft Photo: Agusta Westland

Finmeccanica-AgustaWestland and Russian Helicopters (a subsidiary of the corporation Rosotec). HeliVert will be responsible for the final assembly (at its Tomilino plant near Moscow) of the helicopters. The agreement includes the supply of integrated services (maintenance and training) for customers in Russia and CIS countries. With this supply of 160 AW189 civil helicopters, Rosneft will become the primary customer for the AW189 worldwide.

FL Technics to provide base maintenance support for Turkish Pegasus Airlines

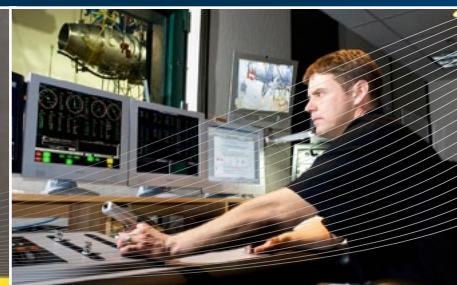
FL Technics, a global provider of tailor-made aircraft maintenance, repair and overhaul services, is further expanding its client base in Europe and Asia by signing a Base Maintenance agreement with Turkish low-cost carrier Pegasus Airlines. Under the agreement, FL Technics will provide Base Maintenance support for the carrier's Boeing 737 NGs. Pegasus Airlines, the second largest carrier in Turkey, has already delivered its first Boeing 737-800 aircraft to FL Technics'



FL Technics to provide base maintenance support for Pegasus Airlines Photo: FL Technics

base maintenance facilities at Kaunas International Airport, Lithuania. The aircraft will undergo a comprehensive set of maintenance works under a 6 year C-Check program, including structure and composite repairs, NDT, technical defect rectification, etc. Additional aircraft will reach FL Technics' Kaunas MRO base in the near future. All maintenance works for the first group of aircraft are expected to be concluded by May 2015 in order for Pegasus Airlines to be fully prepared for the upcoming summer season.

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MRO & PRODUCTION NEWS

major aviation manufacturing hub in southeast Poland. The plant will cover about 8,000 square meters (86,400 sq ft) and generate over 100 jobs. The new plant will include two production lines: one for Snecma, making low-pressure turbine blades, and the other for Techspace Aero, making low-pressure compressor spools. Safran has operated in Poland since 2001 via Hispano-Suiza, the world's leading maker of power transmissions for civil and military fixed- and rotary-wing aircraft. The company's local subsidiary, Hispano-Suiza Polska, has over 500 employees at its Sedziszow plant. Safran has a broad customer base in the country, including not only aerospace, but also the defense and security sectors, and also calls on more than 30 Polish suppliers. Through these new production lines, Safran will be able to support its customers' growth driven by new-generation aircraft: the Airbus A320neo, Boeing 737 MAX and Comac C919 commercial jetliners, powered by the LEAP engine, and the Cessna Citation Longitude and Dassault Aviation Falcon SX business jets, powered by the Silvercrest.

DolphiTech and Barfield sign distribution agreement

DolphiTech announced the signing of a global distribution agreement with Barfield, a recognized worldwide market leader in Ground Support Test Equipment that will be distributing DolphiTech's line of new mobile, advanced 3-D ultrasound cameras. "The use of composites materials is increasing on aircraft opening up the need of new advanced technologies. Barfield, with its 70 years of aviation Ground Support Test Equipment marketing reach and its strong customers' base has a significant presence worldwide and complements our strategy of distribution" said Jan Olav Endrerud, Chief Executive Officer of DolphiTech. In May 2014, the DolphiCam, DolphiTech's advanced mobile and ergonomic ultrasound camera system, had been accepted for non-destructive testing (NDT) on the Boeing 787 Dreamliner. The DolphiCam camera system is able to inspect Carbon Fiber Reinforced Plastic (CFRP) up to 16mm (0.63") thick, with very high resolution 2-D and 3-D images. DolphiTech is also working with Airbus on the certification of the technology for the new Airbus A350 XWB.

Thomas Global Systems confirms long-term support for Airbus A320 displays

Thomas Global Systems confirmed its long-term support for the FCD-66 cathode ray tube (CRT) based cockpit display used on the Airbus A319/320/321 and A330/340 aircraft. The FCD-66 is the primary cockpit flight display in these

aircraft. The company's long-term support program for FCD-66 is underpinned by its secure supply of new CRTs and its long track-record in avionic displays. Thomas' comprehensive FCD-66 solution, which includes market-leading quality, turn-around times and customer service, will ensure operators are well serviced into the future – avoiding potential display obsolescence or major flight deck upgrades. "As technology advances, and OEMs increase their focus on newer technologies, it is important for operators to know that they will have a stable, long-term source of support for their critical CRT-based FCD-66 display units", says Angus Hutchinson, CEO of Thomas Global Systems. "Based on our secure, long-term CRT supply arrangements, Thomas will support FCD-66 and other CRT display units into the future".

Guangzhou Hangxin selects GE Aviation for health monitoring on AC313 fleet

GE Aviation has been selected by Guangzhou Hangxin Company/AVICopter to provide the Health & Usage Monitoring System (HUMS) for their AC313 helicopter fleet in China. The fleet of civilian AC313 helicopters is designed to carry 27 passengers and two crew in the transport role. It also has been designed to be used for VIP transport, medical evacuations, disaster relief, forestry management and for search and rescue operations. HUMS operators experience reduced maintenance and operating costs by avoiding stocking unnecessary spares and minimizing dedicated test flights and asset recapitalization. The HUMS increases aircraft availability by enhancing maintenance planning, reducing downtime, improving turnaround times and increasing operational readiness. GE pioneered the development of the world's first certified

Health and Usage Monitoring System (HUMS) in 1991. Since then GE has developed a range of HUMS and combined HUMS/flight data recorder (FDR) systems for more than 25 helicopter types in both civil and military applications.

Borajet Airlines signs GE OnPoint Solution and TRUEngine agreements for CF34 Engines

Borajet Airlines signed a five-year OnPoint solution agreement for the maintenance, repair and overhaul of the airline's CF34-10E engines that power its five EMBRAER E190 aircraft. The agreement is valued at about more than US\$30m over the life of the agreement. Along with the OnPoint solution agreement, GE awarded Borajet Airlines its TRUEngine designation for its CF34-10E engine fleet. "Borajet Airlines was the first to operate CF34-10E-powered EMBRAER E190 aircraft in Turkey, so it is fitting the airline is the first CF34-10E OnPoint solution agreement customer and the first airline in Turkey to be awarded TRUEngine status for its CF34-10E fleet," said Kevin McAllister, president and CEO of GE Aviation's Services organization.

Turkish Airlines signs GE OnPoint Solution agreement for CF6-80E engines

Turkish Airlines signed a five-year OnPoint solution agreement with GE Aviation for the maintenance, repair and overhaul of the airline's CF6-80E engines that power three Airbus A330-200 aircraft. "We signed this service agreement with GE to ensure our CF6-80E engines are maintained to the OEM standards and remain in top operating condition," said Dr. Temel Kotil, president and chief operating executive, Turkish Airlines.

Navy awards GE F414 fleet support PBL contract

GE Aviation has been awarded a three-year (2015-2017), US\$460m Performance Based Logistics (PBL) contract from the U.S. Navy covering the repair, replacement and program support for F414 engine components for the F/A-18 E/F and EA-18G Growler aircraft. This multi-year procurement arrangement is an availability-based contract providing operational readiness requirements for the F414 fleet through the Navy's Fleet Readiness Centers West (Lemoore, CA) and Southeast (Jacksonville, FL). This contract builds on the success of a series of previous F414 PBL contracts dating back to 2002.

Since the introduction of PBLs, the Navy has realized significantly lower acquisition costs with improved readiness while GE added considerable value to the military aftermarket. In addition to the Lynn plant, GE Supply Chain facilities in Hooksett, NH; Rutland, VT.; Wilmington, NC; and Madisonville, KY will provide parts for this PBL contract.



Navy awards GE F414 fleet support PBL contract Photo: GE Aviation

MILITARY AND DEFENCE

Elbit Systems awarded US\$90m maintenance contract for Israeli Air Force's F-16 avionics systems

Elbit Systems was awarded an approximately US\$90m contract from the Israeli Ministry of Defense (IMOD) for the maintenance of the Israeli Air Force's (IAF) F-16 array's avionics systems. The project, to be performed over 11 years, will include the establishment of a new and cutting edge national maintenance center for the IAF's squadrons and bases. Elbit Systems has extensive operational experience in performing outsourcing logistic support services for customers both in Israel and abroad. In addition to a variety of maintenance projects it provides to the Israeli Defense Forces (IDF), Elbit Systems also provides these services to many customers worldwide, including in the U.S. and Brazil.

FINANCIAL NEWS

PCX Aerostructures announces add-on acquisition of Cam-Tech Manufacturing

PCX Aerostructures acquired Cam-Tech Manufacturing on December 23rd, 2014. Based in Mansfield, Texas, Cam-Tech will operate as a wholly owned subsidiary of PCX. Roger Hagger, Cam-Tech's Vice President, will continue in this role in partnership with Alan Haase, President & CEO of PCX. With headquarters in Newington, CT, PCX Aerostructures is a world-class supplier of highly engineered, precision, flight critical and structural components for rotorcraft and fixed wing aerospace platforms serving both the defense and commercial markets and the power generation industry. The company focuses on producing complex parts machined from hard alloys where tight tolerances and quality are imperative. PCX has manufacturing facilities in Newington, CT, Mansfield, TX, Ronkonkoma, NY and Farmingdale, NY. Cam-Tech is a premier manufacturer of large structural assemblies for aerospace platforms serving the commercial and military markets, producing flight critical structural parts which are precision machined from both aluminum and hard alloys. This integrated assembly capability allows Cam-Tech to offer complete structural airframe assemblies ready for delivery direct to tier 1 or OEM integration centers.

Triumph Group completes agreement with Spirit AeroSystems to assume production of Gulfstream wing programs

Triumph Group closed the previously announced agreement with Spirit AeroSystems to take over production of the Gulfstream G650 and G280

wing programs located in Tulsa, Oklahoma, effective December 30th, 2014. The business will operate as Triumph Aerostructures-Vought Aircraft Division-Tulsa and will be included in the Aerostructures Group segment. Under the terms of the agreement, Triumph received US\$160m in cash plus assets required to run the business from Spirit to cover the anticipated future cash flow needs of the programs, with no additional capital contributions expected by Triumph. The business is expected to add approximately US\$250m in annual revenue and to be immediately accretive to earnings per share, reflecting initial estimates of purchase accounting adjustments and excluding synergies resulting from the transaction and transaction-related expenses. Triumph will update its fiscal year 2015 guidance to reflect the financial impact of the work transfer when it releases its third quarter fiscal year 2015 earnings in January.

CarVal Investors signs agreement to acquire majority holding in AerFin

CarVal Investors, a leading global alternative investment manager, signed an agreement to acquire a majority holding in AerFin Limited from its current owner, Bob James. Mr. James will remain as the Managing Director and CEO going forward and will retain 20 percent of the company. "The acquisition of AerFin is a compelling investment in itself and in addition enables CarVal to invest effectively in a dynamic and growing market in a more strategic way," said Justin Bradburn, Managing Director for CarVal Investors. "Bob James and the AerFin team will bring tremendous value to our ability to invest in end-of-life aircraft and engines." AerFin was formed in 2010 by Bob James who has over 34 years in the aviation industry with asset trading and technical management. AerFin specializes in providing end-of-life solutions for investors, MROs and airlines exposed to technically challenging assets. EBITDA to Sept 2014 was in excess of US\$4m.

Taking Aviation Forward acquires partnering interest in Aviation Management

Taking Aviation Forward (TAF), a company focused on commercial aviation and known for innovative management, sales, and investments out of Pembroke Pines, FL, has acquired a partnering interest in Aviation Management (AMI). Aviation Management is a full service aircraft engine solutions provider. Its powerplant engineering consultants provide timely, cost-saving solutions to turbine engine operators worldwide. Brion Patt, AMI's co-owner, all remaining staff, Aeronautical engineers, and original co-founder Paul Rehder, will remain with the newly-acquired entity. Terms of the transaction were not disclosed. AMI's mission is to deliver a

full technical and financial engine management services solution to airlines, leasing companies, and aircraft engine operators around the globe. Its goal is to provide each customer with a vigorous, comprehensive, and tailor-made solution enabling them to realize significant cost savings while operating their fleets optimally.

TP Aerospace acquires wheel and brake MRO in Florida

TP Aerospace Technics LLC based in Orlando Florida, a fully equipped and operational Wheel and Brake repair business, becomes the latest addition to the TP Aerospace Group. Through an asset buyout, TP Aerospace, a leading independent Wheel and Brake aftermarket provider, adds repair and overhaul capacity to its American branch, strategically located in central Florida. The acquisition supplements and strengthens TP Aerospace's presence in North and Latin America, allowing continued development in a growth market.

Air Lease Corporation announces pricing of public offering of US\$600million of 3.750% unsecured Senior Notes

Air Lease Corporation announced the pricing of its public offering of US\$600m in aggregate principal amount of 3.750% unsecured senior notes due 2022 (the "Notes"). The Notes were offered to the public at a price of 99.289% of par. The sale of the Notes is expected to close on January 14th, 2015, subject to satisfaction of customary closing conditions. The Notes will mature on February 1st, 2022 and will bear interest at a rate of 3.750% per annum, payable semi-annually in arrears on February 1st and August 1st of each year, commencing on August 1st, 2015. The Company intends to use the net proceeds of the offering for general corporate purposes, which may include, among other things, the purchase of commercial aircraft and the repayment of existing indebtedness.

Oman Air launches Shape and Size efficiency programme

Oman Air has launched an efficiency programme, entitled Shape and Size, with the aim of achieving substantial reductions in the airline's expenditure. The move is timed to coincide with the start of 2015 and the onset of new budgets for the year. The Shape and Size efficiency programme is targeting cost reductions across all activities undertaken by the national carrier of the Sultanate of Oman. None of those reductions will affect the airline's safety or the high standards of service offered to valued customers. A total reduction in expenditure of more

PASSENGER STATISTICS - DECEMBER

- **Delta** reported that December 2014 traffic increased 2.1% compared to the same period in 2013, while capacity increased 4% year over year. The load factor for December was up 1.5 points to 85.2%.
- **Alaska** reported a 9.4% increase in traffic on a 12.7% increase in capacity compared to December 2013. This resulted in a 2.6-point decrease in load factor to 85.4%.
- **Horizon** reported a 1.6% increase in traffic on a 3.5% increase in capacity compared to December 2013. This resulted in a 1.5-point decrease in load factor to 80.8%.
- **WestJet** announced December 2014 traffic results with a load factor of 80.9%. Traffic increased 5.1% year over year, and capacity grew 6.1% over the same period.
- For the month of December 2014 **Air Canada** reported a system load factor of 82.6% on a system-wide capacity increase of 8.5%, versus a load factor of 82.7% in December 2013. On this additional capacity, system-wide traffic for December increased 8.3%.
- **Republic Airways** reported preliminary passenger traffic results for December 2014. Traffic increased 3.0% over the same period in 2013, on an 8% increase in capacity. The load factor decreased 4 points from the same period in 2013.
- In December 2014, **IAG** reported traffic increased by 5.7% versus December 2013 while Group capacity rose by 5.0% year over year. Group load factor was up 0.5 points to 79.7% compared to the same period last year.
- **Ryan Air** traffic for the month of December increased 20% when compared to the same period in 2013. The load factor for December was up 7 points to 88%.
- **Norwegian** reported that the load factor in December 2014 was 81%, up from 78% in 2013. The capacity growth was 12% and the traffic growth (RPK) was 17%.

FINANCIAL NEWS

than 100 million OMR should be achieved by Oman Air over the next three years, bringing the company to an operational break-even point by the end of 2017. The Chief Executive Officer of Oman Air, Paul Gregorowitsch, said: "We are determined and committed to reshape Oman Air to become a more modern business driven enterprise - one that does not solely rely on financial injections from the Government of Oman."

OTHER NEWS

From next year the **Lufthansa Group** will be fuelling their aircraft at Oslo airport with a biokerosene mixture. The Group recently became the first airline group to sign this kind of contract with the Norwegian oil company Statoil Aviation. The Company is thus pushing forward along the path of research, testing and use of alternative fuels that it started on over four years ago. For a period of one year beginning March 2015, Statoil will feed 2.5 million gallons of sustainably

produced, certified biofuel into the tanks at Oslo airport. The approximately 5,000 flights the **Lufthansa Group (Lufthansa, Swiss, Austrian Airlines, Germanwings, Brussels Airlines)** operates from the Norwegian capital will then be flying on a biokerosene mixture. Oslo airport is the world's first large commercial airport to offer continuous provision of biofuel over a long period and to fuel aircraft with biokerosene directly from its hydrant system. For the Lufthansa Group, this is the next step from its previous test flights, made as part of the recently concluded burnFAIR project, toward the use of alternative fuels in regular flight operations. In 2011, Lufthansa was the first airline in the world to run regular flight operations with a biokerosene mixture by operating an Airbus A321 between Frankfurt and Hamburg for half a year as part of the project. The long-term testing was accompanied by detailed emissions measurements and research into production processes and biomass availability.

Garmin International reported the certification of an Automatic Dependent Surveillance-Broadcast (ADS-B) solution for the Gulfstream G150,

bringing NextGen compliance to this versatile mid-sized business jet. The Garmin GTX 3000 Mode S Extended Squitter (ES) remote transponder and GDL 88 ADS-B datalink combine to fulfill global ADS-B requirements while meeting the stringent demands of business and transport category aircraft. This cost-effective ADS-B upgrade meets the immediate needs of business aircraft that have limited options to address global airspace requirements.

Hawaiian Airlines filed an application with the **U.S. Department of Transportation (DOT)** to begin daily, non-stop service this summer between Tokyo International Airport at Haneda (HND) and Kona International Airport (KOA) on Hawai'i Island. The airline's action was prompted by the U.S. DOT's decision last month to review the public interest served by Delta Air Lines' Seattle-Tokyo route after Delta reduced its frequency from daily to seasonal. In its application, Hawai'i's flagship carrier urged the U.S. DOT to reallocate Delta's Haneda frequency based on market data, noting that Hawaiian Airlines' Honolulu-Tokyo service has been "by far the most, if



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OTHER NEWS

not only, successful route" of the four Haneda slot pairs granted to U.S. carriers in 2010. The Hawai'i Tourism Authority (HTA) estimates that the proposed daily service will generate 531,721 visitor days and US\$146m in visitor expenditures. Hawaiian Airlines' application calculates that service directly to Kona will attract 39,000 additional visitors and result in 1,151 new jobs and US\$65m in new direct spending.

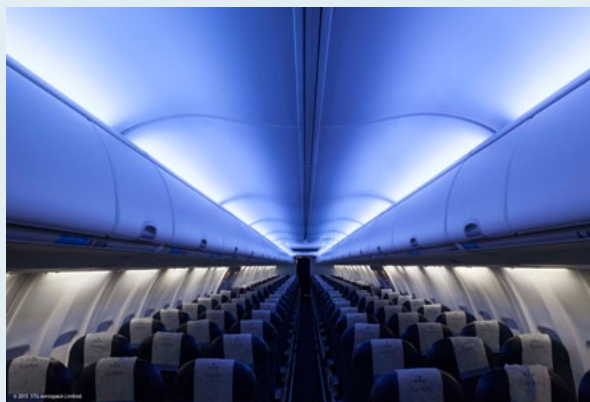
AerData, the provider of lease management, records management and engine fleet planning software announces that **Air Serbia**, the national airline of the Republic of Serbia, has selected AerData's STREAM software. STREAM (Secure Technical Records for Electronic Asset Management) is the industry's foremost web-based solution used by some of the world's largest airlines, lessors and MROs to manage aircraft and engine records. AerData was acquired by The Boeing Company and became part of Boeing Commercial Aviation Services in May, 2014. AerData products are now part of the integrated suite of aviation services marketed as the Boeing Edge. These include parts, training, engineering, maintenance and software solutions that increase the efficiency and profitability of airlines and leasing companies.

GOL Linhas Aereas Inteligentes S.A. signed a codeshare agreement with **Korean Air**, the biggest airline company in South Korea. This partnership is still awaiting approval of Agencia Nacional de Aviacao Civil (ANAC) and Conselho Administrativo de Defesa Economica (CADE). With this partnership Korean Air will include its code on GOL-operated flights giving its customers a greater number of connections for destinations in Brazil and America. Korean Air currently has codeshare partnerships with 29 airlines on 188 routes worldwide.

The Lufthansa Group has made a successful start to the new year with the transfer of the Düsseldorf–Zurich route from Lufthansa to Germanwings on Thursday, January 8th, 2015. One of the biggest structural projects ever undertaken by the company has thus been successfully completed on time. The concept of the new Germanwings was presented in December 2012, followed by the market launch on July 1st, 2013. The transfer of the Düsseldorf–Zurich route means that the decision to operate all domestic and European routes under Germanwings, apart from the Frankfurt and Munich hubs, has now been fully implemented as scheduled. In all, Germanwings has taken over 115 routes from Lufthansa in recent months, with the biggest number of routes (52) at Düsseldorf Airport.

STG Aerospace wins LED cabin mood lighting contract with Thomson Airways

Aircraft cabin lighting specialists, STG Aerospace, has been awarded a retrofit programme with the UK's largest leisure airline, Thomson Airways. The contract will see STG Aerospace retrofit nine of Thomson's Boeing 737NG fleet and fourteen of its 757 fleet with liTeMood, a true plug-and-play programmable blue/white LED mood lighting system designed specifically to retrofit commercial aircraft cabins. liTeMood offers airlines a cost-effective, versatile and controllable solution to bring existing non LED equipped aircraft cabins up to the same quality standard as brand new aircraft, helping them achieve impactful brand differentiation. Quick and easy to install, liTeMood is a cost-effective upgrade for airlines seeking to improve passenger experience and increase yields across its fleet. It features significantly increased reliability over traditional lighting systems, thereby reducing ongoing maintenance costs and also delivers important environmental benefits. Not only is liTeMood up to 40kg lighter than original-fit fluorescent lighting, it also consumes 70% less power, increasing both the aircraft's fuel and electrical efficiency.



liTeMood

Photo: STG Aerospace

The **RUAG Aerostructures** division's Emmen site is being strategically realigned and adapted to meet current and future market conditions. In addition to various modifications to processes, some HR measures are also necessary. The employee representatives have been notified of the planned measures. The employees concerned will be informed about their situation personally by the end of January. The focus of the reorganization is to secure the site in the long term through a healthy, sustainable cost structure. The anticipated fall in sales due to expiring orders and the new strategic focus on civil aviation programmes require us to concentrate in future on our core competencies of machining, sheet metal processing, surface treatment and assembly. Following intense discussions with the other divisions and the employee representatives, some employees have been offered alternative positions within RUAG. Despite the internal transfers and a restrictive hiring policy, the necessary reorganization will result in 15-20 terminations of employment by the employer for business-related reasons. This strategic realignment will further strengthen the core competencies at the Emmen site to become more competitive on an international market. Existing and new orders being carried out in Emmen on behalf of the RUAG Aerostructures Airbus programmes in Oberpfaffenhofen will ensure the basic workload for the restructured Emmen site over the next few years. The measures initiated will enable the RUAG Aerostructures division's Emmen site to operate competitively and acquire new orders.

Mitsubishi Aircraft Corporation has relocated its headquarters from the current office in Minato-ku, Nagoya-shi, Aichi Prefecture to the terminal building of the Nagoya Airport located in Nishikasugai-gun, Aichi Prefecture, to better prepare for flight tests and mass production scheduled in the near future. The final assembly of the MRJ, as well as its ground tests and flight tests are scheduled to take place at the Nagoya Airport and Komaki South Plant of Mitsubishi Heavy Industries' (MHI) Nagoya Aerospace Systems Works adjacent there. The HQ relocation will achieve more efficient business operation. With the relocation, Mitsubishi Aircraft will continue to dedicate its company-wide efforts for further MRJ sales as well as the success of the MRJ program.

INDUSTRY PEOPLE

The Merex Group, a Dubin Clark & Company portfolio company, reported the appointment of **Jonathan Silva** to the role of President of the MRO (Maintenance, Repair, and Overhaul) Solutions business unit. He succeeds former MRO Solutions President, **Dan Godin**, who has accepted the role as the Chief Executive Officer of Air Industries (AIRI). Silva will be responsible for the full P&L, strategy and overall leadership of all MRO business units within the Merex Group, including integrated MRO repair stations at ALCO (Livermore, CA), Kellstrom Repair Services, Inc. (Miramar, FL), High Tech Avionics & Accessories (Miramar, FL) and the International Repair Management Services Group (Miramar, FL).

INDUSTRY PEOPLE



David Brigante
Photo: ATR

- **David Brigante** has been appointed as Senior Vice-President of the new Procurement directorate of ATR. He will be in charge of contract negotiations with the suppliers of the aircraft

manufacturer and will report to ATR's Chief Executive Officer, Patrick de Castelbajac. He will sit on the Executive Committee. During his career, he has held a number of successive positions within Alenia Aermacchi. Since the end of 2012 he was Senior Vice-President Customer Support and Services, being responsible for the logistics support of all military programs in Alenia Aermacchi. Previously, between 2010 and 2012, he was Senior Vice-President Procurement and was in charge of all products and programs. From 2008 to 2010 he held the position of Senior Vice-President Industrial Control and Planning, while between 2009 and 2010 he was also in charge of the Commercial Programs of Alenia. He joined Alenia in 1988, and up to 2008 he had covered responsibilities from contract management to sales activities, always within the commercial field for aerostructures.

- International Aerospace Coatings (IAC), reported that **Niall Cunningham**, founder and CEO of Eirtech Aviation, has also been appointed CEO of International Aerospace Coatings, which was established earlier this year following a merger between three leading aviation service providers in the US and Europe. International Aerospace Coatings comprises Leading Edge Aviation Services; Associated Painters and Eirtech Aviation.

- **Konrad J Walter**, Founder and CEO of Taking Aviation Forward, has joined Aviation Management as co-owner and managing partner. Aviation Management is a full service aircraft engine solutions provider. AMI offers its clients professional oversight for numerous engine types, including the CF6, CF34, CFM56, RB211, PW2000, PW4000, and V2500 series engines, and has offices and engineering staff in the UK, Ireland, Asia, and the US.

- JetBlue Airways announced the appointment of **Tony Lowery** as the carrier's new Vice-President, Technical Operations. Low-

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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

Operating Lease Masterclass (Advanced) 2015

Park Plaza, County Hall London
March 23, 2015 – March 24, 2015

Routes Europe

Aberdeen Exhibition & Conference Centre
April 12, 2015 – April 14, 2015

MRO Americas 2015

Miami Beach Convention Center
April 14, 2015 – April 16, 2015

[Click here for more aviation events](#)

ery joins JetBlue this week to oversee the company's engineering, maintenance, material, and quality functions. He will report to **Jeff Martin**, JetBlue's Senior Vice-President, Operations. Lowery comes to JetBlue from Qantas Airways, where he had served as Head of Maintenance Operations since 2011

- AJW Aviation announced the appointment of **Danielle Kaskel** as the new Senior Manager for Business Development – North America, based in the Miami office. In her new role at AJW, Danielle will focus on developing the Company's relationships with new customers while seeking key opportunities to ensure its corporate success across the competitive marketplace in the Americas. Danielle is an experienced business development professional, with a history of sales and management success. Prior to joining AJW, she was Business Development Manager at AeroTurbine where she first started as a sales representative in 2010.

- **David Settergren** has joined the AerSale team as Vice President – Sales, Asia Pacific to grow the Company's global aviation marketing efforts in the Asia Pacific Region. Settergren's appointment will further enhance AerSale's global reach within the aviation industry. David most recently served as Vice President – Sales & Marketing with GE Capital Aviation Services where he covered the Asia Pacific Region for the past 13 years.

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Publisher

Peter Jorssen

Tel: +1 604 318 5207

Editor

Heike Tamm

editor@avitrader.com

Tel: +34 (0) 971 612 130

**Advertising Inquiries and
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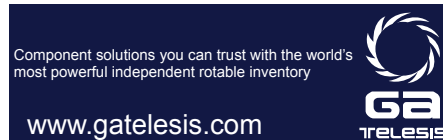
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THE AIRCRAFT AND ENGINE MARKETPLACE

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	Now	Sale / Lease	Stephanie Sanford	marketing@amentum-capital.com	+353 16310333
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
A320-200	GA Telesis	V2500-A1	53	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
A320-200	GA Telesis	V2500-A1	54	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
A320-200	GA Telesis	V2500-A1	64	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
A321	GA Telesis	CFM56-5B2/P	434		Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
A321-100	GA Telesis	CFM56-5B2	494	1993	Q1/2015	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
A321-100	GA Telesis	CFM56-5B2	515	1995	Q1/2015	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
A330-223	Amentum Capital	PW4168A	970	2008	Now	Sale / Lease	Stephanie Sanford	marketing@amentum-capital.com	+353 16310333
A330-223	Amentum Capital	PW4168A	943	2008	Mar 2015	Sale / Lease	Stephanie Sanford	marketing@amentum-capital.com	+353 16310333
A330-223	Amentum Capital	PW4168A	962	2008	Mar 2015	Sale / Lease	Stephanie Sanford	marketing@amentum-capital.com	+353 16310333
A330-223	Amentum Capital	PW4168A	979	2009	Oct 2015	Sale / Lease	Stephanie Sanford	marketing@amentum-capital.com	+353 16310333
A340-200	GA Telesis	CFM56-5C3/F	14			Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
A340-200	GA Telesis	CFM56-5C3/F	22			Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
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		Mar15 ACMI/Wet lease/Sale		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
B737-800	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
B747-400	GA Telesis	airframe only	24993	1991	Q1/2015	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
B747-400	GA Telesis	airframe only	27093	1992	Q1/2015	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
B747-400ERF	Amentum Capital	CF6-80C2B5F	37303	2009	Now	Sale / Lease	Stephanie Sanford	marketing@amentum-capital.com	+353 16310333
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
B757-223	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	Castlake	CF6-80C2B2	23900	1987	Feb 2015	Sale / Lease	Joe Giarritano	joe.giarritano@castlake.com	+1 612 851 3032
B767-200ER	Castlake	CF6-80C2B2	23901	1987	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlake.com	+1 612 851 3032
B767-200ER	Castlake	CF6-80C2B2	23902	1988	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlake.com	+1 612 851 3032
B767-200ER	Castlake	CF6-80C2B2	26847	1993	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlake.com	+1 612 851 3032
B767-200ER	Castlake	CF6-80C2B2	24764	1990	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlake.com	+1 612 851 3032
B767-200ER	Castlake	CF6-80C2B2	24765	1990	Q1/Q2	Sale / Lease	Joe Giarritano	joe.giarritano@castlake.com	+1 612 851 3032
B767-222	Jet Asia Airways Co. Ltd.	JT9D-7R4D	21868		Now	ACMI, Wet L.	Kevin Lee	klee@flyjetasia.com	+1 310 944 0327
B767-214	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



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MD82	GA Telesis	JT8D-200	53027	1990	Now	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
MD82	GA Telesis	JT8D-200	49991	1990	Now	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
MD82	GA Telesis	JT8D-200	53025	1990	Now	Sale	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
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
ERJ-145ER	GA Telesis		145063	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
ERJ-145ER	GA Telesis		145071	1998	Now	Sale / Lease	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
ERJ-145ER	GA Telesis		145067	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 Poly / 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
(2) CF6-80C2A5	Now - Sale / Lease	Apollo Aviation Group	Erik Castillo	erikc@apollo.aero	+1 (305) 579-2340
(1) CF6-80C2B4	Now - Sale / Lease				
(1) CF6-80C2B1F	Now - Sale / Lease				
(1) CF6-80C2BXF	Now - Sale / Lease				
(2) CF6-80C2A2	Now - Sale / Lease				
(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		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) CF6-80C2B1F	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
(1) CF6-80C2B4	Now - Sale / Lease				
(1) CF6-80C2B7F	Now - Sale / Lease				
(2) CF6-80C2B7F	Now - Lease	Engine Lease Finance	Joe Hussar	joseph.hussar@elfc.com	+1 (617)828-3569



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

CFM56 Engines	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) CFM56-5A3	Now - Sale	Aeronautics Fund	Jerome Guichard	jg@afd.aero	+33 6 88 92 28 54
(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				
(3) CFM56-5A1	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CFM56-3C1	Now - Sale		Mike Visconti	mike@avvenireservices.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@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
(2)CFM56-5C3F	Now - Sale / Lease				
(1) CFM56-5B	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werneraero.com	+1-703-402-7430
(1) CFM56-7B	Now - Sale/Lease/Exch.				
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				
(1) CFM56-7B24E	Now - Lease				
(1) CFM56-5A3	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(1) 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) CFM56-5A3	Now - Sale / Lease	Apollo Aviation Group	Erik Castillo	erikc@apollo.aero	+1 (305) 579-2340
(3) CFM56-5C4	Now - Sale / Lease				
(2) CFM56-7B	Now - Sale / Lease				
(7) CFM56-3B2	Now - Sale / Lease				
(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					
(1) JT8D-217C/219	Now - Sale / Lease	Azure Resources	Jeff Young	jeff@azureres.com	+1-954-249-7935
(5) 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					
(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

THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

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
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
(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
(1) PW4056-3	Now - Sale / Lease	Apollo Aviation Group	Erik Castillo	erikc@apollo.aero	+1 (305) 579-2340
(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
(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) PW4168A	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(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) RB211-535E4 /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
(2) Tay650-15	Now - Sale / Lease	Jetran, LLC.	Leo Nadeau	lnadeau@jetran.aero	+1 (512) 294-6727
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	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@werneraero.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@werneraero.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	mnapiet@aeroturbine.com	+1 972-813-1186
GTCP131-9A, (2) RE220RJ, GTCP331-350C, APS3200					