

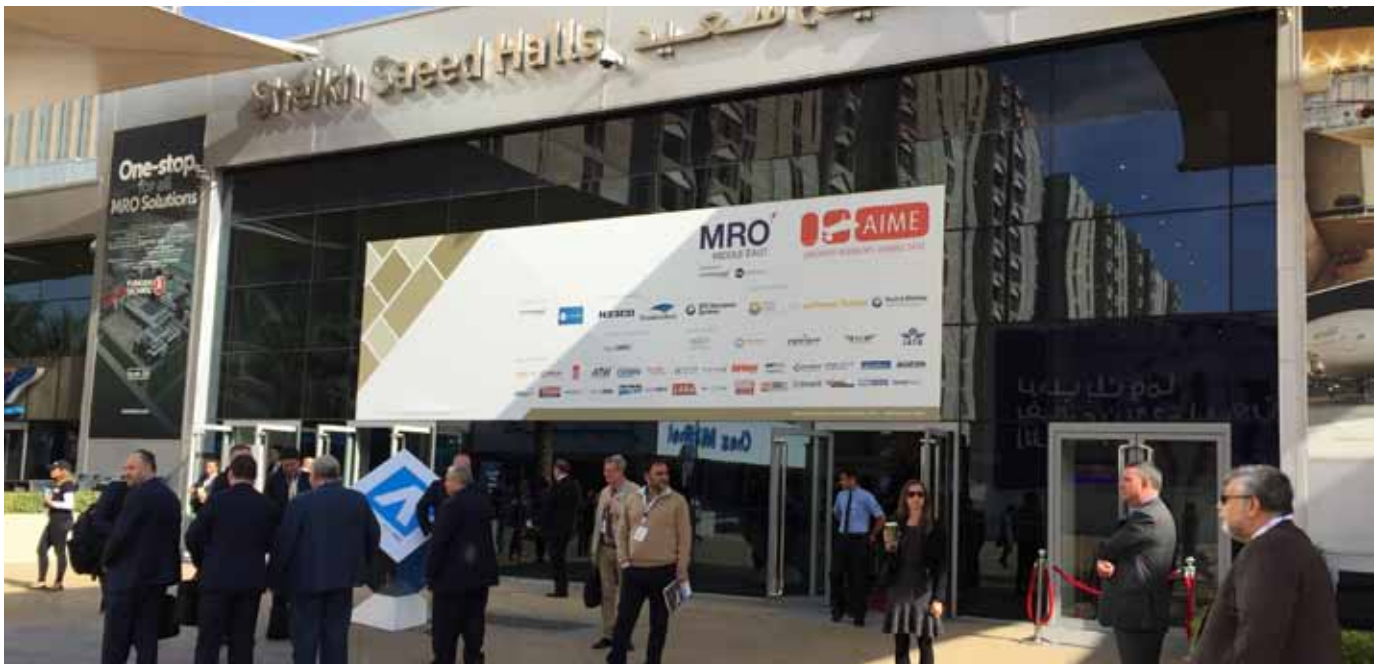
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Feb 15th, 2017

AIME MRO MIDDLE EAST concludes on a high note



MRO Middle East and Aircraft Interiors Middle East which was held at Dubai World Trade Centre for two days closed after a record run seeing 300 exhibitors and more than the expected 4500 trade visitors.

Huge amount of trade was done during the show's two day run that many exhibitors were eager to confirm their attendance for 2018. Among those who already booked their seats were Snap On Tools, Skyone and VD Gulf.

Returning exhibitor Turbine Services & Solutions Aerospace LLC reinforced their agreement with MTU Maintenance, signing a long term V2500 parts repair deal at the show.

Also returning for 2018 will be Lonseal, Diehl Aerospace and Sprung Structures. "AIME and MRO Middle East has been, without a doubt, the best aviation show we have attended in the past twelve months," said Stuart Mansbridge, Regional Business Development manager MENA for Sprung Structures. "We have met 100% of our objectives for the show and have already committed to exhibit again in 2018."

"Attendee numbers for the show have surpassed our expectations," said Michele van Akelijen, managing director of show organisers F&E Aerospace. "The feedback that we have had from exhibitors is that they are seeing an increase in the amount of contacts that they are making too, and doing a larger amount of business."

The MRO Conferences, some of which were standing room

only throughout the two days, concluded with a regulatory working group which focused on main issues and risks facing the industry and provided a platform for lively discussions and recommendations.

"We are thrilled to see this event gaining popularity and developing its reputation in the region," Lydia Janow, managing director, Events at Aviation Week confirmed. "Over the years it has grown continually and now encompasses not just the Middle East, but the wider region too."

The show also hosted the Inflight IFEC Pavilion and Awards, organised by HMG Aerospace, recognising outstanding product or service offerings from suppliers and airlines serving the Middle East. Emirates Airline won "Airline of the Year", Etihad Airways winning "Innovation in Commercial Airline Cabins", Qatar Airways winning "Content Innovation", flydubai claiming the award for "Interior Retrofit Project of the year" and first-time winner Saudia clinching the "Airline IFEC Provider" award.

Bluebox won the competitive "Handheld and/or Wireless IFE System" category while for the second year running, Zodiac Inflight Innovations was crowned "Seat-centric IFE system" winner and Panasonic Avionics Corporation earned the "Connectivity provider" award.

AIME and MRO Middle East will return 22 – 23 January 2018 at Dubai World Trade Centre. It will be conducted in larger halls next year due to the show's increasing growth. ■

Dassault Aviation presented their New Falcon 8X at Indian Airshow, 2017



Dassault Aviation, a leading aerospace company presented its Falcon fleet of large cabin, long range business jets alongside its Rafale fighter jet at Aero India, India's biggest airshow. Dassault Falcon Jet Corp is a wholly owned U.S. subsidiary of Dassault Aviation.

The eleventh edition of this event was launched on February 14th at Yelahanka Air Force Station in Bangalore. The Dassault display featured the ultra-long range Falcon 8X trijet, as well as the Falcon 2000LXS twin.

Dassault Aviation's new flagship, which entered the market in October, was handed over to an Indian customer previously.

The 6,450 nm/11,945 km Falcon 8X is the most relaxed, versatile and economical business jet in its class. It features the longest range of any Falcon and a variety of cabin configurations unmatched in its segment. Its state of the art flight controls and advanced flight deck systems are inherited from the very long range Falcon 7X. Cabin noise levels are even lower than those on the 7X.

The 8X will be available with Dassault's revolutionary new FalconEye Combined Vision System, the first head up display in the industry to merge synthetic and superior vision capabilities. FalconEye will also make it possible to reduce

minima in low visibility landing conditions, providing a considerable operational benefit.

The 4,000 nm/7,410 km Falcon 2000LXS offers a short-field capability comparable to smaller midsize business jet models but with a range and comfort level far better than those aircraft. Equipped with a next-generation EASy II flight deck and the FalconCabin HD+ cabin management system, the 2000LXS offers a combination of airport performance, cabin design and efficiency unique in its class. It is also available with the FalconEye Combined Vision System.

"With India now emerging as one of the world's fastest growing economies, we expect demand for our high end jets to begin rising again," stated Eric Trappier, chairman and CEO, Dassault Aviation. "We are very bullish about our long term prospects in this market, particularly for the new Falcon 8X, the most technologically advanced large business jet in business aviation."

In expectation of the anticipated market rebound, Dassault Aviation has been reinforcing its regional support presence. The company provides standard maintenance service at two Authorized Service Centers in Mumbai - one operated by Taj Air, for the Falcon 2000 series, and the other, by Air Works India, for the Falcon 900EX/LX line.■

Magellan Aerospace awarded engine maintenance contract for CF-188 F404

Magellan Aerospace, a global aerospace company that provides complex assemblies and systems solutions to aircraft and engine manufacturers, and defence and space agencies at global level announced an agreement with Public Services and Procurement Canada for engine repair and overhaul and fleet management services on the F404 engine that powers Canada's fleet of CF-188 Hornet aircraft. The contract commenced in January 2017 and work will be carried out until the terms expire at the end of March 2021. A preliminary funding amount of CDN\$45M has been permitted to



initiate the contract. The contract includes options to extend the duration of the agreement beyond 2021, based on performance. Magellan will service the F404 engines at its facility in Mississauga, Ontario and at Royal Canadian Air Force bases located in Bagotville, Quebec and Cold Lake, Alberta.

According to the contract, Magellan will provide R&O services, engineering and field support services, technical and publication management services, and supply chain management services for the F404-GE-400 engines and CF-188A/B secondary power systems.

"Magellan Aerospace is an approved source for F404 and J85 engine repair and has been the RCAF's choice for F404 engine R&O service for 35 years. We are pleased to continue this relationship with Canada's air force, which demonstrates confidence in Magellan's world class technical experience and value in terms of competitive pricing", said Phil Underwood, president and chief executive officer of Magellan Aerospace.■

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Airbus to introduce Sharklets for its A330neo



Airbus will be introducing Sharklets, graceful-looking upturned wingtip extensions that save fuel by reducing drag while also lowering noise emissions by improving take-off performance for its A330neo.

Airbus pioneered the use of wingtip devices in commercial air transportation, beginning with the A300 and A310. Both of these widebody jetliners were outfitted with wingtip fences, arrow-shaped vertical attachments that extended above and below the end of the wing.

Airbus' next evolution were Sharklets,

the 2.4-metre-tall units developed for A320 Family jetliners that reduce fuel burn by up to 4 per cent while reducing CO₂ emissions annually by as much as 900 tonnes per aircraft. In addition to being standard on New Engine Option A320neo aircraft, they are available for new-production A320neo versions, and offered in a retrofit solution on earlier-built A320-series aircraft. For the A330neo, its Sharklets increase the jetliner's overall wingspan to 64 metres, an extension from 60.3-metres on current-production A330neo aircraft. ■

Luxair extends its contract with AFI KLM E&M's EPCOR



Luxair has decided to extend its agreement with AFI KLM E&M subsidiary EPCOR, which specializes in Auxiliary Power Unit and pneumatic component maintenance. EPCOR will continue to provide maintenance and overhaul services for the APUs equipping its fleet of Boeing 737 Next Generation aircraft: two 737-700s and four 737-800s.

The decision to extend its cooperation with EPCOR was based on the superiority and consistency of the maintenance services delivered by EPCOR in recent years under the APU support agreement covering the Luxembourg car-

rier's 737NG fleet.

Christophe Henriot, head of Technical Services at LuxairGroup, praised the "exacting quality of the maintenance solutions offered by EPCOR, a reliable partner for our operations. By extending this contract, we are ex-

pressing our satisfaction

at the services delivered in recent years, and also our confidence that EPCOR will continue to provide support to a very high level for the APUs equipping our 737NGs."

EPCOR managing director Dennis Wetjens remarked, "The fact that a leading airline like Luxair has renewed its confidence in our expertise is a precious sign of recognition – the recognition of our know-how on APU products, and the suitability and competitiveness of the solutions we develop and implement to guarantee optimum maintenance conditions." ■

PEMCO and YTO Cargo Airlines sign a contract for passenger-to-freighter conversion



PEMCO World Air Services, an Airborne Maintenance and Engineering Services company has declared a contract with YTO Cargo Airlines for three B737-300 P-to-F converted aircraft. China-based YTO, which is presently operating one B737-300 PEMCO-converted aircraft, will take redelivery of the three aircraft through the fourth quarter of 2017.

"PEMCO was selected based on our experience with their product," said Bruce Lee of YTO. "We are pleased with the performance and recognize the operating economics to support our goal to be the 'Choice of the Chinese'."

"We're honored to be selected by YTO," said Mike Andrews, PEMCO director of Conversion Programs. "We look forward to our continued partnership and supporting their growth."

PEMCO CEO Pastor Lopez commented, "We continue to build relationships and market share in China. We're proud to work with YTO on this upcoming project."

The B737-300 PEMCO-converted aircraft features nine pallet positions, up to 43,100 pounds of payload, and 4,600 cubic feet of total volume. The optimized center of gravity of PEMCO's B737-300 freighter yields maximum possible usable payload and retains maximum best-in-class fuel effectiveness for unbeatable range and operating economics.

PEMCO's 60-plus customers select the company's passenger-to-freighter conversion for its superior cargo door and system, operating functions, on-time turnaround, and track record of 2 million hours of safe, reliable operation. PEMCO B737 freighter conversions are designed, certified, and supported using data obtained through a Boeing Data licensing agreement to ensure maximum performance and reliability. ■

Aviation veteran Pat Fenwick selected to be first-ever MRO manager position at Jet Aviation, St. Louis



Fenwick, a 44-year aviation veteran – 25 of those years at Jet Aviation at St. Louis. He has deep experience across MRO, including paint, avionics, engineering flight testing, inspection, quality and warranty. Fenwick has

expertised in aircraft restoration professionally and as an avocation. He restores and maintains World War II-era “warbirds,” including a B-25 bomber that he and others bought and later donated to the Commemorative Air Force.

“Pat Fenwick has the perfect combination of industry experience, expertise, technical savvy, leadership ability and passion for aviation,” said Chuck Krugh, senior vice president and general manager at Jet Aviation St. Louis. “His intense focus on delivering the highest-quality product and services to customers is complemented by his ability to run an MRO maintenance operation in a spirit of teamwork and collaboration.”

MRO Operations was reorganized recently into two teams – Maintenance and Project Management – to deliver superior maintenance and quality on customer aircraft and to drive priority customer service throughout the organization. The position of MRO manager now filled by Fenwick was created to direct Maintenance operations. Former Customer Account Representative (CAR) Bob O’Leary was named manager of Project Management. The team of CARs became project managers and now report to O’Leary. ■

Airbus-ground vibration testing for the A350-1000 in high gear



An advanced method for the ground vibration testing of Airbus jetliners has decreased this validation phase for the A350 XWB’s stretched-fuselage A350-1000 version, and will now be

used for A330neo.

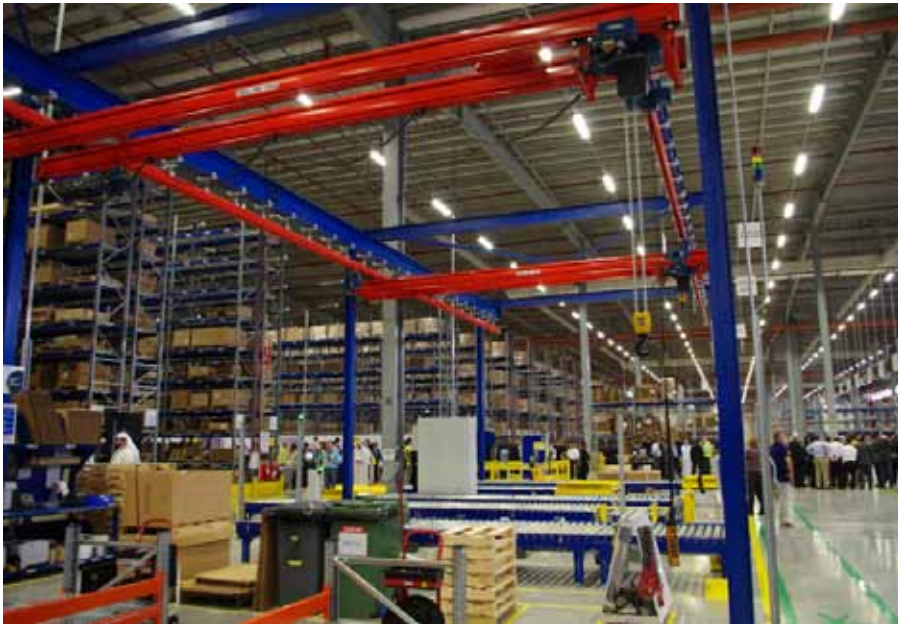
Ground vibration testing is conducted to evaluate the aircraft’s dynamic behavior such as manoeuvring, flying in gusty conditions and during landing

touchdowns. In addition to being part of the “go” decision for a new jetliner taking to the skies for the first time, the test data helps clear an aircraft’s flight domain and is required for type certification by airworthiness authorities.

As the A350-1000 is a derivative of the A350-900, a multifunctional Airbus Commercial Aircraft team was set up to shorten and simplify the process. The A350-1000’s testing was performed over a two-day period, compared to nine days for the A350-900, and the more than one month required for previous Airbus jetliners. “We brought together people from different domains,” said Nicolas Lastère, a Flight Physics engineer in the Loads and Aeroelastics department at Airbus Commercial Aircraft. “The feedback and our results are a clear demonstration that different functions can work well together.”

Based on the success of the ground vibration testing for the A350-1000, the method will now also be used for the A330neo which is planned to perform its first take-off in the first half of 2017. ■

AAR launches parts warehouse in Dubai



AAR, a global provider of aviation services to airlines, OEMs and MROs, has opened a parts warehouse at Dubai World Central Airport. The supply chain hub closes the gap between vital

aircraft components and the growing list of commercial and regional carriers operating in the Middle East.

AAR leverages its partnerships with industry-leading OEMs such as Eaton,

Unison, UTAS, Meggitt and Lord to stock the warehouse with a broad array of factory-new aircraft components that are powering aircraft in the Middle East. So when an operator has an aircraft on the ground, they can now get the needed part quickly.

"We recognized a need in the region to improve support and reduce lead times for customers and to help our OEM partners better serve local operators while reducing their overhead burden," said Paul Richardson, AAR vice president of Sales, Europe, Middle East and Africa.

The warehouse is an expansion of AAR's growth in the Middle East. AAR has a sales team based in the World Trade Center in Abu Dhabi and has extended its supply chain and Airlift offerings in the region where both military and commercial aviation activity is growing. AAR recently signed a multimillion-dollar treaty to provide power-by-the-hour (PBH) component inventory management and repair services to the expanding airline flydubai. On the government side, AAR provides tip-to-tail Contractor Logistics Support (CLS) for the Afghan C-130 fleet. ■

Hawaii Island Air and Bombardier signs contract for Smart Parts



Bombardier Commercial Aircraft declared that Hawaii Island Air, Inc. ("Island Air") has signed a five-year Smart Parts contract with Bombardier for longer-term component support for its growing fleet of Q400 aircraft. Island Air is at present operating new Q400 aircraft leased from Elix Aviation Capital

Limited (Elix) of Ireland.

The Smart Parts program provides Island Air with complete component maintenance, repair and overhaul (MRO) services, access to a strategically located spare part exchange pool, and on-site inventories based at the airline's hub in Honolulu.

"When you add a new aircraft to your fleet, you want to be confident of excellent and guaranteed in-service support from the manufacturer," said David Uchiyama, chief executive officer and president, Hawaii Island Air. "Bombardier has provided invaluable assistance in helping us acquire Q400 aircraft and integrate them into our fleet. The Smart Parts program will continue to ensure prompt, comprehensive and cost-effective support, which in turn will allow us to provide the best possible interisland travel experience for our customers."

"With the Smart Parts program, Island Air will benefit from superior parts availability and cost predictability as the airline renews its fleet with Q400 aircraft to expand its regional route network and enhance inter-island connectivity," said Todd Young, vice president and general manager, Customer Services, Bombardier Commercial Aircraft. ■

Lufthansa Technik Middle East commence operations at Dubai South

The new facility of Lufthansa Technik Middle East has started MRO services in the Aviation District at Dubai South. The first component, a GE90 engine inlet cowl from Etihad Airways arrived for repair at LTME.

Ahmed Al Ansari, Acting CEO, Dubai South said, "We are happy to welcome Lufthansa Technik, a leading global player in the aerospace industry, as the first company to begin operations at the newly opened Aerospace Supply Chain. The unique, first-of-its kind facility is designed to offer companies, in the MRO and aerospace industry, a multi-advantage edge given our strategic location and the synergistic aviation ecosystem that we are building at Dubai South."

Jeff Wilkinson, Etihad Airways Engineering chief executive officer, stated,



"We are delighted to grow our partnership with Lufthansa Technik and immediately start on the next stage of our journey. Partnering with Lufthansa Technik complements our own business model, ensuring faster turnaround time of our off wing components."

Ziad Al Hazmi, CEO Lufthansa Technik Middle East, commented, "We are extremely proud to be the first com-

pany to begin operations at the newly opened Aerospace Supply Chain in the Dubai South Aviation District. Having a key presence in the Aviation District has put us in a prime position as a leader in the aerospace supply chain sphere. And the arrival of the GE90 inlet cowl from such a well-known customer such as Etihad demonstrates that our decision to invest here has been right. I am sure, that our growing list of technical services, including our Airframe Related Component (ARC®) portfolio, AOG (Aircraft-On-Ground) support, landing gear and engine services and our local material support desk will also convince other customers to trust in our technical expertise."

LTME also offers material and spares and engine wash services for commercial and VIP customers locally. The current LTME site at Dubai International Airport will be kept operational. ■

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FL Technics Indonesia welcomes first Boeing 737 NG at newly launched Base Maintenance services



FL Technics, a global provider of one-stop-shop aircraft maintenance, repair and overhaul services, has announced that its subsidiary – FL Technics Indonesia had launched Base Maintenance services in its facilities at Jakarta's Soekarno-Hatta International Airport. The first Boeing 737 has already reached the MRO center for a C-Check.

FL Technics Indonesia welcomed its first base maintenance customer – Batik Air, following the receipt of the Indonesian DGCA's base maintenance agreement earlier in January 2017. The Indonesian carrier's Boeing 737-800 will go through a complete set of C-Check works which are due to be completed by the starting of February. FL Technics Indonesia provides

routine maintenance, flight hours inspection, structure repairs, minor and major modifications, technical defect rectifications and other services with 35 base maintenance specialists. The company plans to expand its geographical coverage by adding BM approvals from Thai, Cambodian, Malay and Vietnamese aviation authorities in future.

"We are happy to welcome Batik Air as our first base maintenance customer," said Martynas Grigalavicius, CEO of FL Technics Indonesia. "With the help of FL Technics Training, we have developed a strong MRO team which will be providing European-level services in heart of Indonesia. As we receive new approvals and more airlines entrust their aircraft to us, we plan to increase the BM staff to up to 200 members, as well as expand our infrastructure to 15 000 m2. We will also keep further adapting best practices from our European facilities for the benefit of our Asian Pacific customers." ■

MTU Maintenance sign exclusive V2500-A5 engine maintenance contract with BH Air



MTU Maintenance, one of the world's top providers of services for commercial aero engines, and their latest client BH Air have signed a maintenance contract for the airline's V2500-A5 engines. The agreement includes maintenance, repair and overhaul on-site services and spare leasing support for 6 V2500-A5 engines.

BH Air is part owned by Balkan Holidays Services and primarily serves the Bulgarian tourism market through holiday charters

from Denmark, Germany, Israel, Switzerland and the UK. The airline operates a fleet of 3 A320s powered by V2500-A5s.

MTU Maintenance supports all V2500 models and has completed over 4300 shop visits on this engine family since 1989. In fact, MTU Maintenance had over 290 repair and overhaul visits across the company in 2016 – more than ever before. Although the MRO specialist has over 80 V2500 customers globally, BH Air is its first exclusive V2500-A5 customer in Bulgaria. ■

Vector Aerospace signs Rolls-Royce T56 support agreement with major European government

Vector Aerospace Corporation, a global independent provider of aviation maintenance, repair and overhaul services announced that it has signed a deal with a major European government for the overhaul of Rolls-Royce T56 turboprop engines. The agreement, which has a multi-year term, covers the overhaul of T56 engines, modules, components and accessories.

Simon Jones, vice president of Business Development at Vector Aerospace, said, "We are absolutely delighted to win this contract, and are looking forward to working closely with this customer over the coming years. This success once again highlights Vector Aerospace's position as an industry-leading Rolls-Royce Authorised Maintenance Centre for the T56 engine family, and further strengthens our global position within the market. Our comprehensive range of in-house repair schemes for high-cost engine components, combined with our competitive rates and turnaround times, ensures that we can deliver a product which meets our customers' budget expectations without sacrificing quality."

The Rolls-Royce T56/501-D engine is installed on a number of aircraft, including Lockheed Martin's C 130/L-100 Hercules transport family, P-3 Orion anti-submarine warfare platform, as well as Northrop Grumman's E-2 Hawkeye early warning aircraft. ■

Elbit Systems wins \$110 million contract for upgrade of M-17 helicopters from an Asia-Pacific country



Elbit Systems Ltd. declared that it was awarded about \$110 million contract from an Asia-Pacific country for the upgrade and maintenance of dozens of Mi-17 helicopters. The project will be carried out over a

five-year period.

Elbit Systems has wide-ranging operational experience in rotary-wing modernization activities, including conversion of utility and assault helicopters into multi-role

platforms, upgrading existing utility and attack platforms, supplying cutting-edge systems for latest-generation aircraft and providing full maintenance and support packages. The solutions are adapted to meet client demands, whether they are for a single system, large-scale systems, structural upgrades or maintenance and support.

Bezhalet (Butzi) Machlis, president and CEO of Elbit Systems, stated, "We are very pleased to have won this major helicopter upgrade project and for the opportunity to implement our unique and innovative avionics solutions. Elbit Systems is a world leader in the Eastern helicopter upgrade market, having completed and continuing to perform numerous programs which improve operational capabilities and facilitate safer flight, night and day. Since the "aging helicopter" market is growing rapidly and includes numerous Eastern platforms, we hope other customers will follow the selection of our modernization solutions" ■

Wind Updates Solution- Etihad Airways signs contract with Boeing



Boeing announced that Etihad Airways signed a contract to introduce the Boeing Wind Updates solution into the airline's operations. The tool will add to efficiency and lessen fuel consumption across the carrier's global operations.

Etihad Airways can leverage real-time information to improve in-flight airplane performance based on

atmospheric conditions by integrating the Wind Updates offering from Boeing Commercial Aviation Services. Boeing Wind Updates will optimize flight operations fleet-wide for Etihad Airways. On the whole, Boeing Wind Updates will improve in-flight performance for Etihad Airways aircraft by providing customized, real-time wind

and temperature information during every flight anywhere in the world.

"Improved decision making by our flight crews and reduced fuel consumption are two of the hallmark features of the programme that we look forward to implementing with this agreement," said Richard Hill, chief operations officer at Etihad Airways. "Being aware of real-time wind data and their related conditions will enhance situational awareness in the flight deck, enabling us to fly the most efficient routes possible."

"Helping customers drive increased operational efficiency through our integrated portfolio of flight optimization solutions allows airlines to improve bottom line results," said David Longridge, vice president, sales and marketing, Boeing Commercial Aviation Services. "Boeing Wind Updates is a key component of these optimization services and we look forward to assisting Etihad Airways in reaching its operational goals." ■

Qatar Airways launches the world's longest flight on new Auckland service



Qatar Airways launches the world's longest flight service on one of the country's most significant days of the year, Waitangi Day. Celebrations to memorialize the launch of the world's longest commercial flight, which takes 17 hours and 30 minutes and covers a distance of 14,535 kilometres, began at the airport with a traditional water salute.

Qatar Airways Group chief executive, His Excellency Mr. Akbar Al Baker travelled on board the inaugural flight from Doha to Auckland and was welcomed by The Hon Todd McClay, New Zealand's Minister of Trade and State Owned Enterprises; and Auckland Airport chief executive, Mr. Adrian Littlewood.

Passengers travelling on the inaugural flight were welcomed on board with special cupcakes. Guests travelling in Business Class received a celebratory Kiwi Rose Fizz mocktail. Menu cards and beverage lists inspired by a traditional Maori carving were also designed especially for the occasion.

H.E. Mr. Al Baker said, "The launch of our new service to Auckland is an important milestone for Qatar Airways as we expand both in the region and globally across our network providing more options and better connections to exciting business and leisure destinations in Europe and the Middle East.

"Arriving in Auckland on Waitangi Day, and achieving the title of world's longest flight for the return record-breaking service, which covers a distance of 14,535 kilometres and lasts 17 hours and 30 minutes, makes this an even more momentous occasion for Qatar Airways and provides another accomplishment to celebrate in this our 20th year flying the flag internationally for Qatar."

His Excellency Jeremy Clarke-Watson, New Zealand Ambassador to the State of Qatar, added, "Welcoming Qatar Airways to New Zealand, through this direct service, is a significant event in the New Zealand Qatar relationship – opening up greater people to people and business to business connections between our two countries.

"We look forward to welcoming more Qatari and GCC nationals to New Zealand, taking advantage of New Zealand's 90-day tourist visitor visa on arrival for GCC citizens. We also look forward to working with Qatar Airways and New Zealand exporters to maximise the potential of the direct service's freight capacity, which opens up a whole new market for our exporters particularly in fresh food and beverage."

Mr. Adrian Littlewood, Auckland Airport chief executive officer, commented, "We welcome Qatar Airways to Auckland Airport and New Zealand. We expect this route to be very popular with visitors to New Zealand and with New Zealanders travelling, particularly between this country and Europe. Qatar Airways offers high quality inflight service and a wide network of destinations."

Passengers travelling on board the Qatar Airways Boeing 777 to and from Auckland in Business Class can benefit from comfortable fully-flat beds with 78 inches of seat pitch. In addition, the on-demand à la carte menu service allows Business Class passengers to order anything from the menu at any time during the flight. The aircraft also features the airline's award-winning Oryx One entertainment system, offering up to 3,000 entertainment options on individual screens in all classes. ■

Cayman Airways joins AFI KLM E&M 737 component service program



THE CAYMAN ISLANDS FLAG-CARRIER has signed a deal for full component support for a Boeing 737-800 that joined its fleet in December. The aircraft was supported by Air France Industries KLM Engineering & Maintenance with its previous operator. The deal comes under the AFI KLM E&M Boeing Component Services Program. The programmed which was launched in 2005, enables customers total control over their activities, with technical experience, logistics and fast-track 24/7 access to inventory pools. Cayman Airways is a welcome addition to a diverse list of operators worldwide supported by AFI KLM E&M, which has a strong local technical presence in the Americas and Caribbean region with Barfield Inc., a 100% owned subsidiary based in Miami.

Wayne Miller, Cayman Airways VP Maintenance & Engineering, commented, "I am very happy that we are starting to work together after laying the foundations for a strong partnership going forward."

Franck Becker, VP Sales Americas AFI KLM E&M, added, "In demonstrating our flexibility and understanding towards Cayman Airways' unique operational requirements, we earned their trust with our experience and our ability to manage this type of program." ■

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Lufthansa A350-900 first to set up lighting scenarios to fit with day and night-time biorhythms



Lufthansa will be the first airline worldwide to use a variety of different settings for the on-board lighting of the A350-900 which are intended to fit with the day and night-time biorhythms of their passengers. This will help passengers relieve from body clock getting out of synchronization if they are travelling in different time zones.

With the introduction of Lufthansa's new A350-900, it has now for the first time become possible to work with and fit with the biorhythms of the passengers by providing the right type of light at the right time. Lighting effects will also be used to copy a pleasurable restaurant atmosphere on board during mealtimes.

"The well-being of our passengers is of particular importance to us. So it represents a real milestone for us that we can now achieve these improvements with this innovative lighting technology," says Reinhold Huber, who is responsible for further development in the area of Customer Experience. Altogether, the new A350-900 LED technology can provide around 24 different lighting settings. Following on from the A350-900, Lufthansa will also be re-fitting its Boeing 747-800s with the new lighting system.

Lufthansa has developed these various lighting moods in association with lighting designers from Kardorff Ingenieure in Berlin. "Our focus is on passengers' needs when it comes to selecting the type of light to be used. We are thus able to create a pleasant atmosphere which can significantly improve the passengers' feeling of well-being," explains Professor Volker from Kardorff. ■

Rolls-Royce completes factory acceptance test for first gas turbine for Italian Navy's new Landing Helicopter Dock



Rolls-Royce has achieved a significant milestone by completing the factory acceptance test for Italian Navy's new Landing Helicopter Dock (LHD) multi-purpose amphibious vessel, to be built by Fincantieri, one of the world's largest

shipbuilding groups. Rolls-Royce will be providing two MT30 gas turbines to power the new 20,000 tonne displacement, multi-purpose amphibious vessel. The LHD will be built and launched in the Castellammare di Stabia (Naples)

shipyard before being set up and delivered at the company's yard in Muggiano (La Spezia) and is an important element within Italy's Navy Act – a major investment programme to renew the Italian Navy's fleet.

Don Roussinos, Rolls-Royce, President – Naval, commented, "We're extremely proud that the MT30 will power the new Landing Helicopter Dock and we very much welcome Fincantieri as the latest customer for our MT30 gas turbine which we believe will provide them with the optimum solution for the needs of the vessel they will build for the Italian Navy."

The factory acceptance test, which has to be completed before the gas turbine can be delivered, was carried out at the Rolls-Royce Test Facility in Bristol. The engine had undergone a week of rigorous performance tests, witnessed by representatives from Fincantieri and the Italian Navy. ■

A380 MSN4 to be transferred to the Le Bourget aerospace museum



Airbus will be transferring four of its test aircraft to The Museum of Air and Space in Paris-Le Bourget and Aeroscopie in Toulouse as a part of

its contribution to preserving aviation heritage. A320 MSN1, A340-600 MSN360, A380 MSN2 and A380 MSN4 will be transferred for this purpose and

will soon be presented to the public.

The first aircraft to be transferred will be A380 MSN4, which will arrive in Le Bourget on 14th February. The other three aircraft maintained by Airbus Heritage in Toulouse, within the Airbus plant, will travel to Aeroscopie in Toulouse within the next two years. All these aircraft cover more than 30 years of flight tests and commercial hit for the Airbus brand.

The test aircraft will undergo an exclusive renovation to showcase its operational role following the arrival of A380 MSN4 in Le Bourget and in preparation for its display at the museum there. The initial phase of technical work has been carried out on the airframe which included structural preservation – a special display will also be created inside the aircraft's interior to permit more people to visit it from 2018. ■

Lufthansa A350-900, the world's most modern long-haul airplane landed at Frankfurt Airport



The world's first Lufthansa Airbus A350-900 landed at the Rhine-Main airport at 11:34 a.m. Staff on board the plane with the special flight number LH350 were busy testing ground and cabin procedures since the airplane will be taking off on its first scheduled flight from Munich to Delhi in three days.

"The technical features of the A350-900 make it the most up-to-date aircraft a commercial pilot can fly," said Martin Hoell, captain and fleet commander. For the cabin crew, the A350 is also a "milestone that makes us especially proud," says Purser Hermann Astl. In the

afternoon, the new plane will fly back to Munich with the flight number LH359, taking off at 2:30 p.m.

Lufthansa will be basing its first ten Airbus A350-900 aircraft in Munich. Their first destinations will be Delhi and Boston. The aircraft can seat 293 passengers: 48 guests in Business Class, 21 in Premium Economy and 224 in Economy Class. A novel lighting concept will help adjust the circadian rhythms of the passengers while on board. A350-900 uses 25 percent less fuel, has 25 percent lower emissions and is much quieter during take-off than comparable aircraft models. ■

Rockwell Collins to demonstrate advances in defense avionics and communications solutions at Aero India 2017



Rockwell Collins will spotlight superior situational awareness aerial systems, modernized flight decks, perimeter surveillance systems and cross-domain communications capabilities at Aero India 2017.

"Over the past decade, Rockwell Collins has demonstrated its commitment to India by growing our presence to better serve our customers in the region and establishing strategic partnerships," said Sonny Foster,

director of Government Solutions, Rockwell Collins for Asia Pacific. "Aero India gives us yet another opportunity to connect with our commercial and military customers, and work towards achieving their strategic objectives."

Experts from Rockwell Collins will be discussing and demonstrating on topics which include Pro Line Fusion, Unmanned Aerial Information Systems, Patrol Persistent Surveillance System (PPSS), Modernized HF. ■

Glimpse of AERO INDIA 2017



EVENT	DATE	VENUE
The 4th China Aviation New Technology Forum (CANTF) 2017	12 -13 April, 2017	Shanghai, China
Civil Avionics International Forum 2017	18 -19 April, 2017	Pullman Shanghai South Hotel, China
Rotorcraft Asia 2017	18-20 April 2017	Changi Exhibition Centre, Singapore
Unmanned Systems Asia	18-20 April 2017	Changi Exhibition Centre, Singapore
MRO Americas	25-27 April, 2017	Orange county convention centre, Orlando, Florida
Civil Aircraft Industry International Forum 2017	10-11 May 2017	Shanghai, China
The 7th Airport Construction Summit	10-12 May 2017	Shanghai, China
China Aerospace Propulsion Technology Summit 2017	24-25 May 2017	Shenyang, China
AP&M Europe	31 May- 1 June, 2017	Olympia, London, UK

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