

ALC places \$348 million CFM LEAP-1B engine order to power Boeing 737 MAX aircraft



Air Lease Corporation, a leading aircraft leasing company based in Los Angeles, California, has placed an order for additional CFM International LEAP-1B engine to power 12 new Boeing 737 MAX aircraft, including five 737 MAX 7 and seven MAX 9 aircraft. The engine order is valued at \$348 million U.S. at list price and deliveries are scheduled to begin in 2022.

"The LEAP-1B-powered Boeing 737 MAX aircraft is a key element in our portfolio," said Steven F. Udvar-Házy, executive chairman, Air Lease Corporation. "These advanced technology engines are delivering 15 percent better fuel efficiency and world-class reliability, both of which are paramount to the operational stability and success of our airline customers."

Air Lease Corporation (ALC) focuses in purchasing new commercial aircraft and leasing them to its airline customers globally through bespoke leasing and financing

solutions.

"The LEAP-1B is performing exceptionally well in airline services," said Gaël Méheust, president and CEO of CFM International. "Reliability and operating economics are more important for airlines than ever. This continued vote of confidence from ALC signifies that they recognize the value that the LEAP-1B is delivering on both of those metrics."

The LEAP engine family has had an excellent entry into commercial service with 18 customers presently operating more than 85 aircraft on four continents. In general, the fleet has logged more than 100,000 cycles and 200,000 hours while maintaining CFM's industry-leading reliability and the highest consumption rate in this thrust class. The engine is delivering a 15 percent enhancement in fuel efficiency, with an equivalent reduction in CO₂ emissions; and lower noise and NO_x emissions. ■

AAR starts work on \$909 million landing gear contract for U.S. Air Force



AAR, an independent provider of services to the global commercial, government and defence aviation industries received the Notice to Proceed on the \$909,394,297 fixed-price agreement from the U.S. Air Force for the Landing Gear Performance-Based Logistics One programme.

AAR will offer total supply chain management including purchasing, remanufacturing, distribution and inventory control to support all Air Force depot and field-level, foreign military sales, other services, and contractor requisitions received for all C-130, KC-135 and E-3 landing gear parts.

"We are excited to get started on this important contract for the Air Force," said Nicholas Gross, senior vice president, Government Supply Chain Solutions. "Serving as the prime contractor, AAR will support these three fleets utilizing our Landing Gear Repair and Overhaul center in Miami, as well as our supply chain network across the country."

Repair work will be completed at AAR's landing gear services facility in Miami and inventory supply and management will be handled through AAR offices and warehouses in Wood Dale, Illinois, and Ogden, Utah. ■

Ethiopian Airlines retrofitted flat bed seats and WIFI IFE for B767-300 fleet

Ethiopian Airlines Group, the flag carrier of Ethiopia, has fully refurbished its Boeing 767-300 ER fleet and availed for service on its India, Middle East and Africa destinations.

The newly renovated airplane is fitted with brand new full flat-bed seats in Cloud Nine, modern IFE with high resolution 17 inches screen and in-seat power outlets (inflight entertainment), lighting and other innovative cabin products. Customers in the main cabin will also enjoy new seats, various channels of inflight audio and video entertainments accessible with their own mobile devices /tablets.

Tewolde GebreMariam, CEO, Ethiopian Airlines Group, remarked, "As a customer

focussed and market driven airline, we are always committed to avail unmatched travel experience for our customers. We have invested more than USD 6 million to retrofit our B-767-300 ER fleet, which will surely provide more choice and greater comfort to our customers. By December 2017, all our B767 fleet will be fitted with flat-bed seats in Cloud Nine with access to a range of video programming available for wireless streaming in all cabins. I would like to congratulate our engineering and maintenance team at Ethiopian MRO for the job well done and wish to pledge to our customers that we shall always strive to ensure their extra comfort every time they fly with us." ■

Rockwell Collins to supply visual display system for French Air Force FOMEDEC program

Rockwell Collins, a leader in aviation and high-integrity solutions for commercial and military customers will provide a robust, proven and state-of-the-art visual display system for the Pilatus PC-21 simulators for the French Air Force FOMEDEC training program.

Under a subcontract awarded by CAE, Rockwell Collins will develop two Spectraview Visual Display Systems (VDS) in Salt Lake City, support CAE with integrating the systems at the CAE facility in Montreal, and support the final installation in France. Rockwell Collins will also be providing training for maintaining and operating the VDS, as well as spares.

"This collaborative international program taps into the strengths of each team member and will provide French Air Force pilots with a highly realistic and reliable training environment to prepare them for any mission," said Lee Obst, managing director, Rockwell Collins in Canada. ■



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Rockwell Collins to demonstrate latest cabin, avionics and aircraft service offerings at LABACE 2017



Rockwell Collins will exhibit business aviation solutions for the Latin American market, including flight deck, connectivity, cabin and service solutions at the 15th Annual Latin American Business Aviation Conference & Expo, from Aug. 15-17 held at São Paulo / Brazil.

"This year we are showcasing even more of our business portfolio at LABACE to meet the needs of our customers in the region," said Fernando Dos-Santos, director of sales and marketing, Americas for Rockwell Collins. "We are committed to increas-

ing our footprint here in Brazil with broader avionics, cabin, service and connectivity offerings."

At the company's exhibit (booth #2016), experts from Rockwell Collins will discuss the following key offerings:

- ◆ Venue™ cabin management system: Most reliable and ground-breaking cabin management system on the market, now equipped on more than 1,000 business aircraft cabins
- ◆ Stage™ content service: Complete content delivery solution that enables passengers to stream media, including digitally-protected movies and TV shows, to their personal devices from an easily rejuvenated, robust onboard server

through wireless access points

- ◆ CASP™: Three levels of service, all delivering advanced customer support, budget predictability and reliable aircraft availability for all the Rockwell Collins components on board your aircraft
- ◆ ADS-B Out compliant solutions: Regulatory agencies worldwide are mandating implementation ADS-B Out, as well as other airspace mandates, as part of airspace modernisation programmes. ADS-B technology enables aircraft to constantly broadcast GPS derived aircraft position, heading and velocity information to ground stations connected to air traffic control. ■

Vertiport Chicago to host first-ever Chicago Helicopter Show sponsored by JSSI



Vertiport Chicago, North America's largest and Chicago's only vertical helicopter landing facility will host the Chicago Helicopter Show sponsored by Chicago-based Jet Support Services, Inc. (JSSI), the world's leading provider of maintenance support and financial services to the business aviation industry.

Bob McCabe, chief business development officer of Vertiport Chicago, said, "As the company that brought back a dedicated commercial helicopter facility to downtown Chicago, Vertiport Chicago is excited to be hosting Chicago's first-ever helicopter show. Helicopters save and protect lives, serve the community, and

bring business to Chicago, and Vertiport is pleased to serve as a vital hub for emergency medical service flights. We hope you can join us for this free event to see and learn about the amazing types of helicopters that help our city every day."

"JSSI is thrilled to partner with Vertiport Chicago to sponsor the first-ever Chicago Helicopter Show," said Neil W. Book, JSSI's president and chief executive officer. "The helicopter industry is a growth market opportunity for JSSI, and we are pleased to help spur the awareness and expansion of helicopter travel in the Chicagoland area." JSSI offers operations and maintenance services for nearly all types of turbine-powered aircraft, including business and commercial jets, turboprops and helicopters. ■

Aeroflot receives brand-new Boeing B737



Aeroflot, the flag carrier and largest airline of the Russian Federation has lately taken delivery of another brand-new aircraft Boeing B737-800.

Aeroflot's Boeing 737-800 aircraft are equipped with aerodynamic wing-tips known as Sharklets. The airliner has two-class composition with 20 seats in business class and 138 seats in economy class. The Business class salon is equipped with monitors for viewing media content. Boeing 737 is one of the world's most popular single-aisle jet airliners offering high level of comfort on medium-haul routes. ■

Honeywell's innovative self-diagnosing sensors enhance performance and safety of aircraft systems



Honeywell International Inc., headquartered in Morris Plains, New Jersey, United States announced an innovative series of self-diagnosing sensors designed to boost the performance of aircraft systems and reduce maintenance costs associated with false readings.

Honeywell is launching Integral Health Monitoring (IHM) series proximity sensors that can detect when a sensor has been damaged or otherwise impacted. The patented proximity sensors can be designed into a variety of aircraft systems such as thrust reverser actuation systems, flight controls, aircraft doors, cargo loading systems, evacuation slide locks and landing gear.

"Aircraft operators who receive a sensor reading often cannot be sure if they have a system issue that needs to be addressed or if the sensor itself is malfunctioning," said Graham Robinson, president of Honeywell's Sensing and Internet of Things business, which produces more than 50,000 sensing products for a range of industries from aerospace to medical to oil and gas. "Leveraging Honeywell's technical expertise in the aerospace industry, we innovated a circuit that can detect whether a sensor reading is correct or the result of damage or some other problem with the sensor itself."

The proximity sensors are configurable, non-contact devices designed to sense the existence or absence of a target in harsh-duty aircraft applications such as determining when a thrust reverser is not fully closed. The sensors can detect most internal failures and display a fault output to a pilot or maintenance worker in order to help reduce aircraft downtime and maintenance costs.

"With our health monitoring capabilities, proximity sensors can notify engineers or operators of potential issues with a system before or after the component fails," said Robinson. "The sensor fault-detection provides mechanics on the ground with the information they need to perform inspections and repairs without a long and costly troubleshooting process."

For example, proximity sensors in aircraft landing gear systems provide a pilot with a fault alert on landing approach to warn if the landing gear is not completely deployed. With Honeywell's health-monitoring feature, the IHM proximity sensors can indicate if the error message was caused by the sensor itself rather than an issue with the landing gear.

Besides, Honeywell also introduced Linear Variable Differential Transformers (LVDT), which are used in engine mechanisms, pilot controls and nose-wheel steering applications, and offer next-generation aircraft with regular position monitoring and are designed for use in harsh environments. The LVDT sensors are already being incorporated into Honeywell-manufactured aircraft systems and can support other component and system manufacturers.

For both new sensors, Honeywell provides design engineering support and a standard design platform in which the engineering work is carried out upfront to offer an off-the-shelf solution to speed up customer design cycle times. ■



Safran Helicopter Engines exhibited its Arrius 2R helicopter engine at the Airborne Law Enforcement Association (ALEA) Expo held at the Reno-Sparks Convention Center in

Safran Helicopter Engines showcases its Arrius 2R helicopter engine at ALEA Expo 2017

Reno, Nevada from July 24 - 29.

Launched in 2013, the Arrius 2R was selected to power the Bell 505 Jet Ranger X. The first U.S.-assembled Arrius 2R was delivered to Bell Helicopter last year. At Heli-Expo in March, Bell Helicopter and Safran Helicopter Engines celebrated the first delivery of the Bell 505 to U.S. operator Pylon Aviation.

ALEA offers companies with a platform

to display their products and services to decision-makers and end users, while creating an exceptional learning environment in which classes and conferences are provided.

Besides exhibiting at this year's event, Safran Helicopter Engines also sponsored the opening reception, the "Powered Up" Scholarship and the "Technical Specialist of the Year" Award. ■

Vector Aerospace celebrates 100th P&WC PW150A engine delivery from Singapore facility



Vector Aerospace Corporation's Singapore facility has successfully serviced and delivered back to the customer its 100th Pratt & Whitney Canada (P&WC) PW150A turboprop engine.

Vector Aerospace Asia, located in the Seletar Aerospace Park, Singapore, is a P&WC Designated Overhaul Facility (DOF) for the PW150A engine series, equipped with full overhaul and test capabilities. This facility, which is one of only two independent PW150A DOFs

worldwide, offers owners and operators of PW150A engines powering the popular Bombardier Q400 regional turboprop with cost-effective, viable and easily accessible engine MRO solutions.

"This 100th engine delivery marks a new milestone for Vector Aerospace Asia," said Jeff Poirier, president of Vector's Engine Services – Atlantic division. "Since its grand opening in 2015, the Singapore facility has focused on PW150A turboprop engine MRO service excellence, while consistently expanding its customer base."

"This achievement clearly demonstrates that our entire Singapore team has the expertise to execute to the highest quality and technical standards," adds Bill Batchelor, general manager of the Singapore facility. "Our team is elated to hit such a milestone in our history. We are all proud of the work we've done and continue striving to set the standard of customer service." ■

Boeing finalised order for 12 737 MAXs with Air Lease Corporation



Boeing has finalised an order for 12 737 MAXs with Air Lease Corporation, an aircraft leasing company based in Los Angeles, California. The contract was initially announced at the 2017 Paris Air Show and also includes two new orders for the 787-9 Dreamliner.

"These additional orders reflect ALC's highly successful placements to date of our MAX and 787 order book and the need to fulfill the incremental demand we are experiencing for these aircraft

across both existing and new customers for ALC," commented John L. Plueger, chief executive officer and president of Air Lease Corporation.

The contract includes five 737 MAX 7s and seven 737 MAX 8s, bringing ALC's total MAX orders to 130. The leasing company has now ordered a total of 49 Dreamliners.

"ALC understands the value and flexibility these airplanes will bring to their customers all over the world," said Boeing Commercial Airplanes President and CEO Kevin McAllister. "We're excited to grow ALC's order book and look forward to continuing our strong partnership."

The 787-9 will offer ALC's airline customers with long-range performance capabilities and exceptional operating economics. ■

Rockwell Collins to demonstrate proven avionics at the Taipei Aerospace and Defense Technology Exhibition



Rockwell Collins, an American multinational company headquartered in Cedar Rapids, Iowa will exhibit its proven C-130 avionics upgrade, advanced communications systems and high-performance image generation technologies at the Taipei Aerospace and Defense Technology Exhibition from Aug 17-19, at the Taipei Nangang Exhibition Center, Taiwan.

Experts from Rockwell Collins will discuss and demonstrate key offerings for the following solutions. These include:

- ◆ C-130 Flight2™ avionics upgrade: Flight deck avionics system for air traffic management that provides total situational awareness and hazard avoidance guidance for flight crews
- ◆ 721S communications systems for all domains: V/UHF software defined radios that offer reliable, long-range communications for extremely packed operational conditions.
- ◆ TruNet™ networked communications solutions for air, land and sea customized networks: The most sophisticated, integrated software-defined communications solution that provides ground, airborne and mobile forces the power to network and share vital data, image, voice and video, securely and in real time
- ◆ EP®-80 image generation system - Image generation for simulation and training that offer unmatched realism and performance while preserving investment. ■

Bombardier C Series Aircraft completes first commercial flight from Zurich to London



Bombardier's C Series aircraft completed first revenue flight from Zurich into London City Airport, a Swiss International Airlines (SWISS) CS100 jetliner.

"We are proud to see the C Series aircraft in SWISS livery landing at London City Airport for the first time. This new milestone continues the momentum propelling the C Series aircraft program," said Fred Cromer, President, Bombardier Commercial Aircraft. "The CS100 aircraft has the perfect combination of steep approach and short field capability as well as longer range. These attributes provide airlines with the opportunity to reach new markets from London City Airport and other challenging airports around the globe, generating an increased level of interest in the C Series program."

"One of the key aspects of the C Series aircraft, is the fact that it is designed for operations at challenging city-centre airports. Thanks to leading-edge innovation, the C Series is by far the most community and environmentally-friendly aircraft with a very low-noise and low-emission footprint. It also happens to be a more economical and passenger-friendly option than other aircraft in its class," said Rob Dewar, Vice President, C Series Aircraft Program, Bombardier Commercial Aircraft.

"As part of our fleet modernization plan, we are gradually replacing the Avro aircraft with the C Series, we start with our CS100 flight operations from Zurich to London City as the world's first airline. We are excited to offer our guests the benefits of the C Series such as more comfort on this important route," said Peter Koch, C Series Fleet Chief, SWISS.

As of now, SWISS will operate on a regular basis to London City Airport from its main hub in Zurich with a CS100 and from Geneva as of summer 2018.

"The inaugural commercial flight of the Bombardier C Series by SWISS is a landmark moment for London City Airport, and the culmination of five years preparation to bring this next generation aircraft into operation," said Richard Hill, chief commercial officer at London City Airport. "The introduction of the C Series is an important part of London City's growth plans and a boon for the UK aviation industry, with its wings manufactured at Bombardier's Belfast factory. As one of the quietest and most fuel efficient commercial jets in its class, and thanks to its longer range, we can also unlock opportunities for new routes, including the possibility of non-stop services to the east coast of USA, Russia, the Gulf and Middle East." ■

Air Zimbabwe selects Seabury Solutions' Alkym® Management and Control System

Seabury Solutions, a subsidiary of Seabury Capital LLC and provider of Information Technology solutions for the aviation industry has signed contracts for Alkym® Management and Control System for Aircraft Maintenance with Air Zimbabwe becoming the fourth Africa-based airline customer to implement the company's industry-leading Alkym solution. With a complete solution to provide CAMO and MRO service integrated with Logistics, Alkym was able to meet the high demands required from the selection process.

"This first half of 2017 has demonstrated that Alkym continues to lead the industry in providing the top-of-the-market functionality across the aviation world," said Seabury Solutions senior vice president John Barry. "While we are currently deploying Alkym in Europe, South America and the Caribbean, once again Africa will see our teams on site, proving time and again that cost effective solutions are required but must never compromise on functionality."

Air Zimbabwe has opted for 13 of 18 of the modules offered within Alkym. The configuration of the system and training of the personnel are presently in progress, with system implementation set to begin with a two-week workshop to plan the process for the most efficient deployment of the solution to meet Air Zimba-



bwe's requirements.

Captain Ripton Muzenda, Air Zimbabwe CEO, commented, "The control of our technical operations is the foundation of the building blocks we are putting in place. We want to bring Air Zimbabwe back to its glory days. Working with an industry leader in Seabury Solutions that transformation can begin. The software solution is proven and the people behind it understand the complexity of our operation." ■

Lockheed Martin to modernise receivers for U.S. Air Force's GPS signal monitoring Stations



Lockheed Martin's three of six new developed receivers are now deployed to help the U.S. Air Force maintain the precision of Global Positioning System (GPS) satellite signals.

The first new Monitor Station Technology Improvement Capability (MSTIC) receiver became operational at Cape Canaveral Air Force Station, Florida. The upgrades continued at Air Force Monitoring Stations on the Kwajalein Atoll and Hawaii. These vital upgrades of the GPS Monitoring Stations from early 1990s technology are part of an overall effort to renew and maintain the existing GPS ground control system, known as the Architecture Evolution Plan Operational Control Segment.

GPS Monitoring stations are globally-dispersed, fixed-position sites that monitor GPS satellite signals and help maintain their navigation and positioning accuracy for users globally.

Under Lockheed Martin's GPS Control Segment (GCS) Sustainment contract, the company utilised an agile development methodology to develop and arrange the first MSTIC receiver on schedule in under 36 months. The three remaining Air Force GPS Monitoring Stations will be upgraded with MSTIC receivers by the end of 2017.

"Taking advantage of current commercial technology trends has allowed us to provide the Air Force with a monitoring capability that can support the Air Force's GPS mission for years to come," said Vinny Sica, vice president and general manager of Mission Solutions for Lockheed Martin. "The MSTIC receiver addresses today's obsolescence problem while providing the opportunity for the monitoring of modernized navigation signals in the future."

The new MSTIC receiver's Software Defined Radio (SDR) technology will replace the legacy Monitor Station Receiver Element (MSRE)'s hardware-based ASIC (application-specific integrated circuit) platform originally deployed almost two decades ago. MSTIC leverages Commercial Off-the-Shelf hardware without the need for custom firmware. Standard interfaces and the inherent configurability of the architecture simplifies sustainment and enables MSTIC software to migrate to new hardware platforms as commercial vendors increase processing power, improve reliability and enhance cybersecurity."

"MSTIC's new SDR technology enables the remote application of mission specific software updates which will improve performance and enable reception of modernized GPS signals," adds Sica.

The Global Positioning Systems Directorate at the U.S. Air Force Space and Missiles Systems Center contracted the MSTIC upgrade. Air Force Space Command's 2nd Space Operations Squadron (2SOPS), based at Schriever Air Force Base, Colorado, manages and operates the GPS constellation for both civil and military users. ■



AJW Technique, the maintenance hub for the AJW Group's component repair and overhaul service, marks five years of growth.

AJW Technique was established in 2012 and has developed into an outstanding, 160,000 sq. ft. facility with a broad range of most recent generation test equipment, including one of the most comprehensive avionics test and repair suites in the world.

In just five years, AJW Technique has expanded into a business which supports over 500 airline customers across 100 countries.

AJW Technique at present handles around

AJW Technique celebrates five years of success

20,000 individual MRO events a year across nearly 5,600 part numbers, from both commercial and business aircraft.

AJW Group recently announced the promotion of Gavin Simmonds, general manager of AJW Technique, to also be its chief operations officer.

Christopher Whiteside, President and CEO of AJW Group, said, "We are very proud of what AJW Technique has accomplished over the last five years and are excited about its future. The extensive experience and strong team culture has been vital to our success for our customers and it continues to grow."

Gavin Simmonds, chief operations officer of AJW Group, said, "In just five years, AJW Technique has become a major part of the Montreal aerospace community, meeting the needs of ever-increasing numbers of airlines across the globe. Our success and continued growth is largely down to the amazing team and culture we have built upon from day one at technique."

"We are proud to have nurtured and developed the talents of our growing number of employees, helping to reinforce Montreal's reputation as a centre of aerospace excellence." ■

CFM's LEAP engine celebrates one year anniversary



CFM International's advanced LEAP engine completed one year of its entry into commercial service.

The first LEAP-powered commercial flight happened on August 2, 2016 on a Pegasus Airlines flight from Istanbul to Antalya. Since then, more than 75 LEAP-powered aircraft have entered service with a total of 15 operators on four continents. Besides Pegasus, AirAsia, Air India, Avianca Brazil, Azul, Citilink, easyJet, Frontier, Interjet, Nova Airlines, SAS, SriLankan, Virgin America, Vistara, and WOW air has all received at least one LEAP-powered airplane. On the whole, this fleet has

logged more than 200,000 flight hours and 100,000 flight cycles.

"The LEAP engine entry into service is the most successful in our history and has been exceptional by any measure," said Gaël Méheust, president and CEO of CFM International. "Our customers are thrilled with the fuel efficiency the engines is providing, as well as the world-class utilization level they are achieving with this very important asset. Aircraft powered by the LEAP engine are flying more than 95 percent of available days. This is simply unprecedented for a new engine."

The LEAP is offering operators a 15 percent enhancement in fuel consumption and CO₂ emissions along with dramatic reductions in engine noise. All this technology is focused on providing better deployment, including CFM's legendary reliability out of the box; superior asset availability; improved time on wing margins to help keep maintenance costs low; and minimized maintenance actions, all supported by analytics that permit CFM to offer customised, predictive maintenance over the life of the product.

GPS Monitoring stations are globally-dispersed, fixed-position sites that monitor GPS satellite signals and help maintain their navigation and positioning accuracy for users globally. ■

KLM selects Honeywell's GoDirect Fuel Efficiency Software

KLM has chosen Honeywell to provide Connected Aircraft fuel-management services across its fleet of 115 commercial aircraft and four Martinair cargo aircraft to reduce carbon emissions and cut fuel costs by up to 5 percent. Honeywell's GoDirect™ Fuel Efficiency software provides fuel-saving recommendations that airlines can set up instantly.

"We are committed to providing a better experience for our customers while balancing the business need to meet tight financial margins," said Captain Hans Tetters, director Tactical Analysis Flight Operations, KLM. "Fuel consumption accounts for between 20 to 40 percent of an airline's operating costs, and Honeywell's technology lets us analyze data at every phase of the flight to discover opportunities for reduced fuel consumption and overall improvement in operational efficiency."

Honeywell's GoDirect Fuel Efficiency software fully complies with latest changes to the Paris Agreement on

reducing greenhouse gases. Capable of analyzing data from more than 100 reports, the software is effortlessly incorporated with existing airline systems through a user-friendly interface. By monitoring existing fuel usage and identifying opportunities for savings, it drastically reduces overall operational costs and the carbon footprint for airline operators. Users of the software have reported annual fuel savings of up to 5 percent, which, across the 30 airlines that have deployed fuel efficiency technology, would add up to nearly 200 million kilograms of fuel saved.

"It is crucial for any airline to have transparency on the fuel consumption to be able to implement initiatives to achieve as low as possible fuel consumption. Honeywell's GoDirect Fuel Efficiency software provides sophisticated reports and dashboards that are clearly understandable," said André de Chauvigny de Blot, manager Flight Technical Support, Martinair. "The option to show pilots dashboards will greatly enhance their fuel

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awareness and helps our pilots save fuel and ensure more on-time arrivals."

"Our Fuel Efficiency software is a simple software upgrade. Not only is it easy to install, but it will be essential for airlines to meet Europe's pledge to cut greenhouse gas emissions by 40 percent by 2030," said David Shilliday, vice president, Airlines, EMEA, Honeywell Aerospace. "Our technology helps regulate fuel usage and lower emissions worldwide today while also improving operational efficiency through a set of flexible tools and online reports, making Honeywell experts in the industry to help airlines."

KLM's subsidiary, KLM Cityhopper, signed up for GoDirect Fuel Efficiency more than three years ago. It is one of the many airlines, including Thomas Cook Airlines Scandinavia, Jet Airways and Turkish Airlines, benefitting from GoDirect Fuel Efficiency. ■

Lockheed Martin's VH-92A Presidential Helicopter completed maiden flight



Lockheed Martin's VH-92A configured test aircraft completed first flight in support of the U.S. Marine Corps' VH-92A Presidential Helicopter Replacement Program. The July 28 flight signals the start of the 250 hour flight test programme, which will take place at Lockheed Martin facilities in Owego, New York.

The aircraft achieved its first flight and a second flight at Sikorsky Aircraft in Stratford, Connecticut on the very same day. Total flight time for the two sorties was one hour and included hover control checks, low speed flight, and a pass of the airfield.

"This first flight of the VH-92A configured test aircraft is an important milestone for the program," said Spencer Elani, director VH-92A program at Sikorsky. "Having independently tested the aircraft's components and subsystems, we are now moving forward to begin full aircraft system qualification via the flight test program."

As the flight test programme proceeds, this test aircraft (Engineering Development Model 1, or EDM-1) will be joined by an added test aircraft (EDM-2) over the course of the 12-month flight test program. EDM-2 is on track for its first flight later this year.

The VH-92A aircraft is based on Sikorsky's successful and FAA-certified S-92A commercial aircraft, which lately exceeded one million flight hours. The S-92A aircraft, assembled in Coatesville, Pennsylvania, is being customised to include integration of government-defined missions systems and an executive interior.

"With this successful first flight on the books, we look forward to completion of Sikorsky's flight test program, operational testing and production of this aircraft to support the Office of the President of the United States," said U.S. Marine Corps Robert Pridgen, programme manager for the Naval Air System Command's Presidential Helicopter's Program Office.

The U.S. Navy awarded a \$1.24 billion fixed-price incentive Engineering and Manufacturing Development (EMD) contract with production options to Sikorsky on May 7, 2014. The EMD contract will produce a total of six aircraft: two test aircraft and four production aircraft. The production options for the remaining 17 aircraft will be finalized in FY19.

The VH-92A will enter into service in 2020. The VH-92A will transport the president and vice president of the United States and other officials. Sikorsky brings matchless experience and a proven track record to this mission having flown every U.S. commander-in-chief since President Dwight D. Eisenhower. The VH-92A will continue this legacy for decades to come. ■

Lockheed Martin receives \$26 Million contract for ELGTR from U.S. Navy



Lockheed Martin, an American global aerospace, defence, security and advanced technologies company received a \$26.5 million contract award from the U.S. Navy to produce Enhanced Laser Guided Training Rounds (ELGTR).

The contract includes a base year order with options for four additional years. Under the contract, which extends ELGTR production into late 2019, Lockheed Martin will deliver ELGTRs and renew reusable shipping containers. Implementation of the remaining options will extend LGTR production into 2023.

"ELGTR provides the training capabilities the U.S. Navy requires to be prepared for challenging tactical mission environments," said Jason Golden, ELGTR program manager at Lockheed Martin Missiles and Fire Control. "The entire tactical team, from weapon handlers to ground support personnel to aircrew, benefits from executing end-to-end training procedures."

Lockheed Martin has produced more than 160,000 ELGTR/LGTRs for the U.S. Navy, Marine Corps and international customers. The ELGTR is compatible with F-16, F/A-18, AV-8B and various international aircraft platforms.

Besides ELGTR, Lockheed Martin's 350,000-square-foot production facility in Archbald, Pennsylvania, designs and manufactures combat-proven Paveway II Plus Laser Guided Bomb (LGB) kits and the Paragon™ direct attack munition. More than 75,000 LGB kits and 7,000 Dual Mode LGB kits have been delivered to the U.S. Navy, Marine Corps, Air Force and 23 international customers. ■

Executive Focus

Boeing selects Caroline Kennedy as new director



Caroline B. Kennedy
Boeing board of directors
Boeing

The Boeing board of directors has elected Caroline B. Kennedy as a new member. Kennedy served as U.S. Ambassador to Japan from 2013 to 2017 and is an author and attorney. She will serve on the Boeing board's Audit and Finance committees.

"Ambassador Kennedy brings to the Boeing board professional, diplomatic and global perspectives that are highly valued in our rapidly evolving and increasingly competitive global business environment," said Boeing Chairman, president and CEO Dennis Muilenburg. "Her diversity of experience and accompanying insights will broaden and strengthen our board in its deliberative and oversight roles for the company."

Kennedy has co-authored two books on U.S. constitutional law and edited various historical and literary titles. She has been a vocal advocate and leader on a range of education issues important to businesses, including increased science, technology, engineering and math (STEM) education for women. She also has held high-level positions on famous nonprofit boards.

Kennedy earned her Juris Doctorate law degree from Columbia Law School and holds a Bachelors of Arts from Radcliffe College, Harvard University.

AMES appoints Ben Ward General Manager of PEMCO



Ben Ward, General Manager, PEMCO

Airborne Maintenance & Engineering Services (AMES) has named Ben Ward as general manager of its PEMCO World Air Services division.

Ward brings over 30 years of experience to his new role. Most recently he served as PEMCO's chief financial officer. Before joining the company, Ben held numerous accounting and financial positions at KPMG, as well as CFO at Berkline/BenchCraft and Imperial Group, L.P.

"I am confident Ben is the right leader to continue the long-running success of the maintenance and conversion operations in Tampa," said AMES President Brady Templeton.

New appointments in Thales Executive Committee

Thales Group has appointed Pierre Eric Pommellet as senior executive, vice-president, chief operating officer and chief performance officer, effective 1 September. Philippe Duhamel has been selected as executive vice-president, Defence Mission Systems, replacing Pierre Eric Pommellet.

Pierre Eric Pommellet replaces Michel Mathieu, who is retiring. Pierre Eric Pommellet joined Thales in 1997. He was Technical Director of the Navigation business, part of the Aerospace Division. In 2001, he was appointed Director of the Thales facility in Bordeaux and then in 2004 he became Director of the Military Equipment business line. In 2008, he was appointed Head of the Services sector within the Aerospace Division and in June 2009 became SVP Senior Vice President in charge of the Aerospace Division. Pierre Eric Pommellet has served as Executive Vice-President, Defence Mission Systems, since 2010.

Philippe Duhamel joined Thales in 1987 as part of the Group's Air Operations business. From 2001 to 2003, he was Director of Bids and Proposals for Thales's Air Traffic Control business. In 2003, he was appointed Director of Programmes for Thales's naval radars and ground-based air defence systems business in the Netherlands. In 2007, he became Vice President, Ground-Based Radars, for the Surface Radar business line. In 2010, he became Chief Executive Officer of ThalesRaytheonSystems France, the French entity specialising in air defence systems for armed forces worldwide. In 2013, he was named chief executive officer of ThalesRaytheonSystems. From 1 June 2016, Philippe Duhamel has served as Senior Vice President, for Operations and functional departments for the Thales Group Operations and Performance Department.

International Events

EVENT	DATE	VENUE
ORAT Summit 2017	12th - 15th Sept 2017	Singapore
13th Maintenance Cost Conference (MCC)	13-15 Sept 2017	Hotel Riu Plaza Panama, Panama City, Panama
Aviation Expo China 2017	19-22, Sept 2017	Shanghai, China
NBAA Business Aviation Convention & Exhibition (NBAA-BACE)	10-12, October 2017	Las Vegas Convention Center Henderson Executive Airport Las Vegas, NV
MRO Asia-Pacific	31 October 2, November 2017	Singapore Expo Convention and Exhibition Centre, Singapore
Dubai Air Show	12 -16, November 2017	DWC, Dubai Airshow Site
Aerospace & Defence MRO South Asia Summit	18 -19 January 2018	New Delhi, India
MRO Middle East	23-24, January 2018	Dubai World Trade Centre Dubai, UAE
Singapore Air Show	6-11, February 2018	Dubai World Trade Centre Dubai, UAE
AP&M Europe	31 May- 1 June, 2017	Olympia, London, UK



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