

Rockwell Collins completes acquisition of B/E Aerospace



Rockwell Collins, on 13th April, 2017 announced that it has successfully completed the acquisition of B/E Aerospace, a leading manufacturer of aircraft cabin interior products and services, for \$8.6 billion in total consideration, including debt assumed. Rockwell Collins now has nearly 30,000 employees and pro forma annual revenue in excess of \$8 billion based on calendar year 2016 results.

Effective immediately, B/E Aerospace

is rebranded Rockwell Collins. Werner Lieberherr, former B/E Aerospace president and chief executive officer, now becomes executive vice president and chief operating officer of Rockwell Collins' newly created Interior Systems business. He reports to Kelly Ortberg, chairman, president and chief executive officer of Rockwell Collins.

With the acquisition, Rockwell Collins expands its portfolio with a wide range of cabin interior products for commercial aircraft and business jets including

seating, food and beverage preparation and storage equipment, lighting and oxygen systems, and modular galley and lavatory systems. This advances the company's global growth strategy by expanding its previous focus on cockpit, cabin management, communication and connectivity solutions, and diversifies its product portfolio and customer mix.

"Today marks a major step in advancing our vision of being the most trusted source of aviation and high-integrity solutions in the world," said Ortberg. "The industry-leading products and solutions being brought together by this acquisition give us a much broader offering, increasing value for our customers and ultimately driving long-term, profitable growth and shareowner value."

"The many common values we share—from innovation and uncompromising quality and performance to outstanding customer relationships—position us well for a successful integration and make us stronger as we move forward together," added Lieberherr. "Joining the Rockwell Collins family and its forward-thinking approach to the market sets us on an exciting path that will greatly benefit our customers, employees and shareowners." ■

Jet Aviation's third hangar construction at Singapore facility on schedule

Zürich-based Jet Aviation is on schedule to finish its third new hangar construction at Seletar Aerospace Park in Singapore by November 2017. The 3,850-square-meter tenant hangar will house up to two BBJs or five Gulfstream G550 aircraft, and further add 380 square meters to the Interior Shop as well as providing space for equipment and storage.

Aircraft Support Industries (ASI) is constructing the hangar under a design-build agreement that is being supervised by MERx Construction, the same two companies Jet Aviation worked with on its second hangar project in 2014. So far, the foundation has been laid and the two-story annex shell structure and all short-term structures have been erected.

The Singapore facility will now have a total hangar space of 11,650 square meters, with hangar three equipped to house an

added two Boeing Business Jet (BBJ) aircraft or five Gulfstream G550 aircraft[o]. The project also offers 315 square meters of storage space, while adding 380 square meters to the Interior Shop, almost doubling its existing footprint for a total of 860 square meters. It will further include a new workflow and state-of-the-art air conditioning and humidity control system to sustain humidity levels well below 50 percent.

"We are building this third hangar to meet the growing demand in the region for business aviation services, particularly for large, long-range business jets," says John Riggir, vice president and general manager of Jet Aviation's MRO and FBO facility in Singapore. "The new hangar will significantly boost the capacity of our maintenance, FBO and parking operations." ■

Lufthansa Technik wins CAAC approval to execute heavy maintenance on Airbus ACJ319



Lufthansa Technik has won the Civil Aviation Administration of China (CAAC) approval for its Airbus A319 aircraft maintenance station. Lufthansa Technik can now perform line and heavy maintenance services as well as cabin renovation on Chinese B-registered Airbus A319 aircraft.

The approval has been obtained in line with the first A319ACJ base maintenance project already secured by Lufthansa Technik. A B-registered ACJ319 is at present undergoing a 6 year check at Lufthansa Technik's VIP maintenance

facility in Hamburg, Germany. The aircraft was formerly outfitted with a VIP cabin by the Lufthansa Technik Group for a Chinese customer. After six years of smooth operations, the aircraft now returns to Lufthansa Technik for its initial key heavy maintenance check. In addition maintenance, the aircraft will receive a comprehensive cabin revamp.

"This approval is a milestone for us as the A319 is a popular aircraft type in Greater China. It helps us to further extend our MRO services for VIP customers from that region. I am sure that we will create

significant additional business thanks to the approval, as removing and installing the VIP cabin is a very sensitive work which shall only be performed by VIP Interior specialists", said Thomas Decher, vice president VIP Maintenance & Modifications.

"If commercial aircraft MRO suppliers work on the VIP cabin which are not familiar with handling the special equipment and materials, such as the fine leather seats, embroidered light color carpets or sensitive wooden surfaces, parts of the cabin can easily get damaged and scratched. Furthermore, re-installing the cabin in the aircraft after the check is a very challenging task. The interior and electrical functions must fit and work perfectly in the aircraft without any visible gaps in order to protect the elegant appearance."

Lufthansa Technik has outfitted more than 30 VIP aircraft for customers in Greater China alone so far. Lufthansa Technik holds CAAC-approvals to perform heavy maintenance on various other Airbus and Boeing aircraft types, like B747, A340 and A318. ■

Comlux delivers first EASA-certified cabin for a Sukhoi Business Jet



The Kazakhmys PLC Corporation owned VIP aircraft features 19 certified seats for Taxi-Take-off & Landing in a modern corporate interior designed and engineered by Comlux. It comprises of a VIP area at the front with a club-4 seating across from a side-facing sofa and an executive section with 15 First class seats in a 2-1, 3-side by side configuration.

The aircraft has been delivered to

which will take care of the operations of the aircraft in service. The SBJ is also the first aircraft of the type available on the charter market.

Eduard Ogay, CEO of Kazakhmys PLC subsidiary in Kazakhstan says "The SBJ has been delivered on quality and on time and as per the highest standard of the industry. The addition of the SBJ to our corporate fleet successfully operated by Comlux KZ allows a large number of

Comlux KZ after a 12 month downtime for the completion, including cabin certification as per the stringent safety and quality regulations of EASA. Comlux KZ is the regional VIP operator of Fly Comlux in central Asia,

our company executives and employees to travel all together efficiently and in full comfort. It is the right business tool for our company."

"This SBJ is the first of its type to be outfitted in corporate configuration and certified by EASA" says Scott Meyer, CEO Comlux Completion. "This made it especially challenging given the completion operations in the US, for an aircraft without FAA TC, showcasing once again how Comlux can adapt and find solutions in any environment to best serve our customers." He adds: "The Comlux team has performed an outstanding job on the aircraft interior, including flight testing and certification under full EASA oversight. Thanks to our Cabin Innovation and Research Center, we have demonstrated our ability to complete new aircraft type interiors beyond ACJs and BBJs. We proudly delivered the aircraft to Comlux KZ and we wish them a successful corporate and charter operation." ■

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Bell 407GXP to provide utility operations to Canada-based Newfoundland Helicopters



Bell Helicopter, a Textron Inc. company, is delighted to announce that it will deliver a Bell 407GXP to the Eastern Canada-based charter company Newfoundland Helicopters, Ltd. this year in the month of April.

Newfoundland Helicopters charter aircraft services comprise of corporate travel, forestry, hydro, mining, filming and photography, and tourism. It is the first company in Canada to receive a Bell 407GX to be used for utility operations and will now have the improved performance characteristics of the Bell 407GXP for their utility missions.

"With the delivery of the new Bell 407GXP, they are poised to

continue leading Canada with the latest advancements in safety and aviation technology," said Anthony Moreland, Bell Helicopter's vice president of North America sales. "The addition of the Bell 407GXP to their fleet is an added enhancement for our long-time Bell customer. Newfoundland Helicopters has come to rely on Bell Helicopter's high-performing aircraft and customer support services, just as their customers rely on them to perform their various missions."

Newfoundland's entire fleet includes four Bell 206LRs and the Bell 407GX. President Jim Brown selected this modern aircraft because of its proven track record, low operating costs and cutting edge technology.

"The Bell 407GXP was chosen as the new addition because of added functionality, reduced pilot workload and enhanced safety levels," said Jim Brown. "We are proud to be the first utility operator of the Bell 407GXP in Canada and showcase its modern capabilities. We look forward to receiving the aircraft later this month."

The Bell 407GXP incorporates consistency, speed, performance and maneuverability with a cabin configurable for an array of missions and payloads. Its M250 Rolls-Royce engine enhances performance and fuel efficiency delivering class-leading performance. Its cabin has five club-passenger seats with an added passenger seat in the cockpit in single pilot operations. Besides, the Bell 407GXP also provides a calm and smooth ride in almost all weather conditions. ■

HAECO Private Jet Solutions signs ARJ21 cabin industrial design contract with COMAC

HAECO Group's cabin completion specialist, HAECO Private Jet Solutions ("HAECO PJS") has signed a co-operation agreement with COMAC's Shanghai Aircraft Design and Research Institute ("COMAC") to supply cabin industrial design services on the ARJ21 platform. HAECO PJS will supply cabin industrial design services as well as concept drawings to COMAC to assist the aircraft manufacturer offering the ARJ21 platform to corporate, private, and government customers in addition to the existing commercial customer base.

COMAC's ARJ21 began operating in 2016. The current order exceeds 350 aircraft.

HAECO PJS, headquartered in Xiamen, China has been providing cabin solutions since 2012, with a broad range of capabilities including industrial design, design engineering, certification, cabin completion and after-sales support for an international and domestic base of private and business jet owners.

Summit Chan, CEO of HAECO Xiamen, said, "HAECO PJS is honoured to have been selected by COMAC to provide cabin industrial design services on the ARJ21 platform, and we look forward to further co-operation on cabin completion and other services for its current and future aircraft platforms." ■

Kongsberg Defence Systems and Australian Department of Defence sign a contract to integrate new capability for JSM

Kongsberg Defence Systems, Norway's leading supplier of defence and aerospace-related systems has entered into an agreement with the Australian Department of Defence worth 150 MNOK for incorporation of a new capability in the Joint Strike Missile (JSM)."

This contract is a result of the agreement reached between the Norwegian and Australian Governments initialised during the visit by Norwegian state secretary of defence, Øystein Bø to Australia in 2015.

JSM is the 5th generation long-range precision strike missile that will be included for internal carriage on the F-35. Using a combination of advanced materials, the ability to fly low, while following the terrain and using advanced passive seekers, the



missile is exceptionally tricky to detect and stop even for the most sophisticated countermeasures and defence systems. JSM can locate targets on the basis of their electronic signature strengthening its capabilities for the most challenging scenarios in a modern battlefield.

"We are very pleased that Australia joins the development of JSM by funding the integration of the RF seeker and that we together can increase the JSM capabilities", says Eirik Lie, president of Kongsberg Defence Systems. ■

Boeing expands flydubai software support for 737 MAX Fleet

Boeing, the world's largest aerospace company and leading manufacturer of commercial jetliners and defence, space and security systems announced a contract with flydubai, a low-cost airline in Dubai to add Software Distribution Tools to the list of Boeing services the airline utilises to improve maintenance and engineering operations, safety and efficiency across the airline's growing 737 fleet.

"Boeing's Airplane Health Management and other software tools allow flydubai to proactively initiate planning for necessary repairs, strengthening the efficiency of our 737 fleet operations," said Mick Hills, senior vice president, engineering and maintenance at flydubai.



"By reducing the maintenance and ground time for our fleet, these solutions ultimately help to benefit on-time arrivals and departures for our customers."

Boeing Software Distribution Tools includes the Loadable Software Airplane Parts Librarian and software management solutions that provide cost savings by improving the efficiency of flydubai maintenance operations.

"We are pleased to add flydubai to our roster of customers supported by our data analytics-driven products through which we are able to provide real-time data, enhancing and accelerating the airline's success as it continues to expand its 737 fleet," said David Longridge, vice president of sales and marketing, Boeing Commercial Aviation Services.

Boeing's Airplane Health Management is presently used by more than 90 airline fleets globally to accumulate and assess airplane operations data while the airplane is in flight. The system captures real-time data and alerts ground crews of any maintenance issues before the airplane lands reducing schedule disruptions and maintenance delays, resulting in noteworthy efficiencies and cost savings for airlines. ■

Lufthansa Technik presents final version of its Mercedes-Benz Style VIP Aircraft Cabin at the ABACE 2017

Lufthansa Technik and Mercedes-Benz Style are showcasing the final version of their highly sophisticated VIP aircraft cabin design for the first time at the ABACE 2017 in Shanghai. Visitors of the ABACE 2017 will see the full cabin in a virtual 3D-presentation at Lufthansa Technik's stand (Booth H316). The companies are now formally offering the product globally for private jets with the size of an Airbus or Boeing aircraft.

Led by Lufthansa Technik's VIP & Special Mission Aircraft Services engineering team, the original design concept has been further developed to fully match the necessities of airworthiness and certification.

"Our aim was to apply the design language of Sensual Purity and the high standards of modern luxury and aesthetics that characterize Mercedes-Benz to other spheres of life," said Gorden Wagener, chief design officer, Daimler AG. "Lufthansa Technik is the ideal partner in the area of VIP aircraft. The aim of our collaboration is to unite innovate design and technical competence. We wish to offer exclusive customers around the world an interior design concept that leaves nothing to be desired."

"It is a great pleasure to present the



new Mercedes-Benz Style Cabin to our customers, who want to see state of the art designs for their private jets," says Wieland Timm, senior director sales VIP & Special Mission Aircraft at Lufthansa Technik. "The two companies combine top design excellence with top technical expertise and therefore have been able to realize a unique aircraft cabin. The cooperation with Daimler AG allows us to present design concepts which will give our clients the peace of mind to invest into an iconic design without equal in the market."

The cabin features a modern design combined with most recent communication and aircraft interior technology throughout the aircraft:

The unique helix structure, a dynamic spiral layout, is the central design theme widening throughout the aircraft from the entrance all the way to

the bedroom

creating new, independent spatial zones. The VIP aircraft, which could seat 150 passengers in airline configuration, is designed for 16 VIP passengers.

The entrance area in the front features a welcoming, open entrée, a kitchen for live cooking, a séparée as well as a VIP bathroom (lavatory). A separate entertainment zone has been combined with the en-suite private area in the aft part of the cabin. The open design of the bath- and bed room is a different feature conceived around a free standing shower with transparent side walls. The luxurious king size bed is highlighted by the concave shaped and upholstered head wall. ■

Cronos Airlines International; the latest OASES user in South Africa



Commsoft, a world leader in aviation engineering and maintenance software, is pleased to announce that Cronos Airlines International's AMO (CAI Aerospace) has become the newest member of the worldwide OASES community and is the company's first active customer in South Africa.

The Cronos family was founded in 2007 and it has transported more than two million passengers throughout its network linking West and Central Africa. In 2012, sister company Cronos Airlines International became a South

African licensed AOC and AMO based at O.R. Tambo International Airport in Johannesburg, South Africa. Besides maintenance, its AMO operation performs C-checks for its fleet of Embraer ERJ-135/145's as well as a BAe 146-200. Its abilities also include VIP aircraft and a Boeing 737 Classic/NG. Another sister company, located in Athens, Greece is an existing Commsoft client already supported by OASES under a CAMO deal.

OASES offers an industry-leading technical superiority whilst being user-friendly. OASES is structured in a

modular format and CAI Aerospace has launched the Production, Line Maintenance, Materials and Commercial modules in addition to the existing modules at present being used by AviaSeven. The new MRO activities will primarily be hosted on AviaSeven's OASES site but CAI Aero will have its own Commsoft Service desk facility.

Nick Godwin, Commsoft managing director, commented, "CAI Aerospace's new MRO operation is an exciting new venture which we're delighted to be supporting with OASES. Not only is this our first active South African customer, it represented the ninth new addition to the worldwide OASES community in 2016. We are pleased to be working closely with them to ensure a successful operation, following their 'go live' in late December 2016."

Andreas Kaiafas, exec. president of Cronos Airlines International and CAI Aerospace, commented, "Our OASES system was rapidly implemented in December 2016. OASES gives us full visibility of production tasks in our hangar and provides excellent management oversight and reporting within the company." ■

Airbus A350-1000 completes noise test campaign in Spain

Airbus' A350-1000, MSN065 test aircraft, fitted with cabin, has completed a series of noise tests in Moron, south of Spain, between March 27 and April 5th, as part of its type certification flight test campaign, paving the way for entry into service on schedule before year end.

The aircraft, together with acoustic ground facilities around the Morón Air Force base, were equipped with instruments and sensors to measure external noise levels during take-off and landing phases of flight, as well as engine run ups. The latest generation Rolls-Royce engines combined with state-of-the-art aerodynamics technologies contribute to the A350-1000's reduced noise footprint. Early results confirm the -1000 is very quiet, easily complying with external noise certification requirements with significant margins versus current applicable requirements (EASA CS-36 and FAA Part 36). Like its sister aircraft



the -900 which is in service with 11 carriers worldwide, the A350-1000 will be a good neighbour to communities around airports.

Three A350-1000 flight test aircraft (MSN059, MSN071 and MSN065) are flying in the intensive Type Certification campaign which is progressing as planned. The A350-1000 is the latest member of the Airbus leading widebody

family, together with the A330-300, offering unprecedented levels of operating efficiency, low noise and true long-range capability. As well as having a longer fuselage to accommodate 40 more passengers than the A350-900, the A350-1000 also features a modified wing trailing-edge, new six-wheel

main landing gears and

more powerful Rolls-Royce Trent XWB-97 engines. The A350-1000 embodies all of the fuel efficiency and 'Airspace' cabin comfort of the original A350-900 – but with extra size perfectly tailored for our customers on some of their busiest long-haul routes. To date 12 customers from five continents have placed orders for a total of 211 A350-1000s. ■

Airbus showcases ACJ319 at ABACE show in Shanghai



Airbus Corporate Jets, the provider of the most modern and comprehensive corporate jet family in the world is showcasing an ACJ319 at the Asian Business Aviation Conference and Exhibition, 11th to 13th in Shanghai, China, highlighting the company's dedication to the Chinese market. MJet ACJ319, is displayed first time at the show. It is certified to seat 19 passengers, and features a cabin with three

conference/lounge areas.

"Business aviation is to companies and governments what airlines are to the global economy, excelling at bringing people together to drive growth and benefit communities," comments Airbus chief operating officer, customers John Leahy, "and Airbus corporate jets, with their more modern designs and greater passenger-capacity, excel at driving business aviation."

The ACJ320 Family has the widest and tallest cabin of any business jet while being similar in size externally, and inspired the new ACJ320neo Family. The new ACJ320neo Family provides a leap forward in range, better traveler experience and a 16 per cent fuel-saving.

The resulting ACJ319neo will fly eight passengers 6,750 nm/12,500 km, equivalent to 15 hours flying, while the ACJ320neo will transport 25 passengers 6,000 nm/11,100 km, or 13 hours.



Orders for the ACJ320neo Family already stand at eight aircraft, including two ACJ319neo and six ACJ320neo aircraft. Deliveries of the ACJ320neo will begin in the last quarter of 2018, and those of the ACJ319 will begin in the second quarter of 2019. ■

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Hosted Conference Sessions

Tuesday, April 25	Industry Collaboration to Tackle Big Data	
Wednesday, April 26	Defining the Value of Data	

Product Briefings

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	Ensuring the Reliability of your IFEC investment	
	Innovation, Technology & Digital Disruption - The Intersection of Configuration Data Exchange, Data Integration and Collaboration	
Wednesday, April 26	Modernizing Maintenance and Inspection with Voice Technology	
	MRO Optimization: How TAP Reduced Fleet Downtime by >20%	
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Ethiopian inaugurates three wide body paint and maintenance hangars during ICAO Symposium

Ethiopian Airlines, the fastest growing Airline in Africa is pleased to announce the inauguration of three more wide body hangars during the ICAO Symposium which Ethiopian Airlines is hosting from April 11-13, 2017.

Equipped with state of the art tele-platforms and tail docks: a full Paint and General Maintenance hangar along with 15,000 Sq.m backside offices, different shops and 105,000sq.m hangar apron area, each facility is capable of accommodating 1-B747-800 (the biggest Boeing airplane) at a time or more other type of aircraft in different arrangements. The third hangar has the capacity to house 1-B777-200 or 3-B737 Aircraft at a time.

Ethiopian Group CEO, Tewolde Gebre-Mariam, commented, "Foundational Infrastructure development is one of the four pillars of our fast, profitable and sustainable growth strategic roadmap, Vision 2025. Hence, to further complement our steady growth and attain our goal in remaining to be the leading MRO service provider in Africa, we have been making massive infrastructure development projects to modernize and expand existing MRO facilities at a total cost of USD 115 million. Beyond ensuring self-sufficiency, completion of these main-



tenance hangars will surely enhance our capability to cope up with the 21st century new aviation developments and offer third party services.

Currently, we are providing complete total care maintenance service for ASKY, Malawian, RwandAir, Congo Airways, Ceiba Intercontinental, CamAir-Co. and Jambojet Airlines. We have also extended our services to a number of operators based in Africa, Middle East, Far East and Central Asia. Moreover, this milestone is also a symbol of our successful partnership with AVIC International and EXIM Bank of China and I hope this accomplishment will be replicated in Ethiopian 5-Star Hotel project which is now 40%

complete."

Ethiopian MRO is certified by FAA, EASA, and ECAA and is presently offering Base Maintenance, Line Maintenance, Engine Maintenance, Component Maintenance, Calibration Services, Engineering Services, Structure & Composite Maintenance, Aircraft Stripping and Painting, and Wire Harness Manufacturing. In addition, Ethiopian MRO is Boeing and Bombardier permitted facility and has won Bombardier's Airline Reliability Performance Award for 5 years consecutively. The facility is also an approved maintenance facility by General Electric for overhaul maintenance of CFM56-3 and -7B engines. ■

SIA Engineering Company, Stratasys sign MOU for Additive Manufacturing Strategic Partnership

SIA Engineering Company Limited ("SIAEC"), a major provider of aircraft maintenance, repair and overhaul (MRO) services and Stratasys Ltd., the 3D printing and additive manufacturing solutions company, jointly announced the signing of a Memorandum of Understanding ("MOU"), to launch a strategic partnership specialised in additive manufacturing to speed up the adoption of 3D printed production parts for commercial aviation.

The parties will explore a joint venture to be majority owned by SIAEC. This partnership joins Stratasys' knowledge and expertise in additive manufacturing, with SIAEC's broad maintenance, repair and overhaul ("MRO") service offerings to provide airline customers all over the world with scheduled maintenance

and on-demand parts solutions. The parties plan to set up a Singapore-based Additive Manufacturing Service Centre, offering design, engineering, certification support and part production to SIAEC's well-established network of partners and customers. Stratasys will provide the domain expertise related to additive manufacturing and drive the development of aerospace applications together with SIAEC.

Png Kim Chiang, chief executive officer of SIAEC, said, "We are delighted to partner with Stratasys, a leader in its field, in our pursuit of innovation and the adoption of the latest additive manufacturing technologies. Our collaboration will strengthen SIAEC's comprehensive suite of MRO solutions and enhance our support to customers, especially in the region."

"This strategic partnership marks an important milestone for additive manufacturing in the aviation industry," commented Ilan Levin, CEO of Stratasys. "As we have shown with our existing relationships with leading aerospace manufacturers, including Airbus and Boeing, we are committed to advancing the use of additive manufacturing for high requirement aerospace applications. By working closely with SIAEC, we are extending that focus to solve the unique challenges of the MRO segment and further drive adoption."

The transaction is not expected to have a material impact on the financial performance of SIAEC or Stratasys in FY2017/18. None of the Directors of SIAEC or Stratasys has any interest, direct or indirect, in the transaction. ■

N3 Engine Overhaul Services completes 10 years of engine servicing

N3 Engine Overhaul Services (N3), the combined venture between Lufthansa Technik AG and Rolls-Royce plc. for the maintenance and repair of aircraft engines, celebrated its 10-year anniversary with a ceremony. Since April 2007, the Rolls-Royce Trent engines have been overhauled at the facility at Arnstadt, Germany. Since October 2016, the Rolls-Royce Trent XWB, the world's most proficient civil large engine flying and the powerplant for the A350 XWB, has also been in the portfolio.

The company initially began operating in 2007 with 270 employees. Currently, 600 specialists work at N3, 350 of which were able to pass the aeronautical qualification programme designed specifically for the company. There are at present more than 40 international airlines among the customers serviced by N3 on behalf of Rolls-Royce. Since 2007, N3 has overhauled more than 800 engines from the Trent 500 (A340), Trent 700 (A330) and Trent 900 (A380) model ranges. With the new Trent XWB (A350 XWB) engine, the output will boost from the existing 100 engines per year to 150 – 200 engines per year in the coming years. This year it will already be 130 engines.

The company is looking forward to a reasonable increase in employment in the future. N3 is able to secure its need for specialists largely by itself by constantly training aircraft mechanics in the field of engine technology. Since 2008, N3 has trained around 12 aircraft mechanics in the field of engine technology every year. So far, 54 young men and women have finished their training and found permanent positions at N3. There are currently another 40 young men and women undertaking training at N3.

The engine test station in Arnstadt is one of the most complex and powerful facilities in the world. Over the years of repairing engine assemblies / components, N3 qualified for a range of special repairs that are authorised and controlled directly by Rolls-Royce. An in-house engineering division allows for uninterrupted development and sustainable further progress of the processes and the launch of new and



ground-breaking repair technologies.

Alexander Stern, director and general manager, N3 Engine Overhaul Services, "N3 has developed from the newcomer in the industry to one of the leading companies in the servicing of Rolls-Royce Trent engines. In international competition, we stand by our delivery reliability, excellent quality and outstandingly trained workforce." Stern further praised the excellent location conditions in Thuringia: "The central location in Germany and Europe, the excellent infrastructure and the specialists were and still are important factors for the successful development of the company."

Wolfgang Scheremet, head of the Department of Industrial Policy at the Federal Ministry of Economics and Energy and Wolfgang Tiefensee, Thuringia's Minister of Economy, Science and Digital Society, honoured the commitment of the parent companies in the Free State and the productivity of the model company. Scheremet commented, "N3 is a real success story and represents an investment in the future of the German Site for Industry and Advanced Technology. Thuringia – like the whole of Germany – is a great place for investments and innovation. I hope that the success of N3 will set a precedent and inspire others to emulate it, as they continue to add value and bring job opportunities to new locations across Germany."

Thuringia's Minister of Economy, Science and Digital Society Minister Wolfgang Tiefensee took part in the opening of the site in 2007, when he was the

Federal Minister for Transport. Tiefensee said, "All the best on the company's 10th birthday. The setup of N3 is extremely sound, allowing it to transcend the borders of Thuringia. In its 10 years of existence in Thuringia, N3 has expanded to a stable size and

developed into a reliable and important part of Thuringia's economy. Through quality, high levels of efficiency and the most modern equipment, the site has been able to broaden its client base and thereby more than double the number of its employees. The site is renowned not least for its strength in the training of aircraft mechanics, which allows it to cover the demand for specialist workers. I am confident that N3 will continue its outstanding

development in the future."

Johannes Bussmann, chairman of Lufthansa Technik, emphasized, "With N3, Rolls-Royce and Lufthansa Technik have set a new benchmark for international cooperation in engine MRO. We are proud of having been able to offer the best quality in the overhaul of Trent engines for the past ten years. With the expanded capacity for the new Trent XWB engine type the company is well equipped for the future."

Eric Schulz, Rolls-Royce, president – Civil Aerospace, stated, "We are proud to have worked with Lufthansa Technik to establish N3 as a leading overhaul facility for Rolls-Royce engines in Europe. Their consistently high standards and dependable turn around times play a critical role in making it easier for our customers to plan their own operations. N3 doesn't just overhaul engines though, it also plays a role in the broader Rolls-Royce CareNetwork, competing with other shops to repair Trent components that will be fitted to engines being overhauled elsewhere in the network." ■

Bombardier Business Aircraft and TAEA launched State-of-the-Art Business Jet Service Centre in Tianjin, China



Bombardier Business Aircraft in partnership with the Tianjin Airport Economic Area (TAEA) announced the opening of a state-of-the-art Service Centre in Tianjin, China on April 7, 2017. The facility uses the same methods and actions that oversee Bombardier's worldwide network of Service Centres.

The Tianjin Service Centre includes hangar space, offices, and back shop areas totalling over 8,500 square meters (95,766 square feet). It offers maintenance, repair, overhaul and associated activities and services, and balances the Bombardier Business Aircraft Support Network in Asia.

"Bombardier Business Aircraft has had the largest fleet in Asia for the last 12 years. We are thrilled to bring the expertise of our worldwide service network to support our customers in the region. This major investment, made in collaboration with TAEA, demonstrates Bombardier's commitment to strengthen its presence in China, as well as its confidence in the future of the aviation industry in the region," said Jean-Christophe Gallagher, vice president and general manager, Customer Experience, Bombardier Business Aircraft.

"We are delighted to see the inauguration of our joint venture with Bombardier and are committed to its success," said Zhao Xuesen, vice president, Tianjin Airport Economic Area. "It shows the vitality of the Tianjin aviation industry and consolidates Tianjin's position as an emerging aviation hub in China. The movement of business aircraft reached 1,528 at the Tianjin Airport in 2016, a 17.36% increase from the previous year.

With China's growth strategy in place, a rapid expansion of the business aviation industry can be anticipated in Tianjin, in line with China's 13th Five-Year Plan."

The new maintenance facility will additionally reinforce Bombardier's customer support network in China, which includes a team of field service representatives and customer support account managers and four authorised service facilities.

The Tianjin Service Centre joins Bombardier Business Aircraft's award-winning network of nine Service Centres, five line maintenance stations and a total of 17 Customer Response Team mobile units globally, all equipped to sustain Bombardier Learjet, Challenger and Global business aircraft. It has received Civil Aviation Administration of China (CAAC) certification for Global, Challenger 604, Challenger 605 and Challenger 850 aircraft, allowing to perform 96-month inspections for Challenger 600 series jets, and 120-month inspections for Global aircraft. Added certifications and international potential will be declared in the upcoming months.

"The opening of the Tianjin Service Centre demonstrates Bombardier's priority to bring top maintenance services to our Chinese customers, and ensure faster access to support, closer to their base of operations," said Lanny Schindelmeiser, general manager, Bombardier Tianjin Aviation Services Co., Ltd. "Our technicians have been trained through a comprehensive program to deliver the value-added experience Bombardier provides throughout its worldwide network." ■

PEMCO wins B737-400 Passenger-to-Freighter Conversion from Air Incheon deal



PEMCO World Air Services (PEMCO), the world leader in Boeing 737 passenger-to-freighter aircraft conversions, has announced an agreement with South Korea-based Air Incheon for the P-to-F conversion of one B737-400 aircraft (MSN 25857). Air Incheon, which is presently operating one PEMCO-converted B737-400 (MSN 25190), will take redelivery of its new-est aircraft in Q3 2017.

"We chose PEMCO to expand our fleet based on our experience with its B737-400 aircraft conversions," said YK Park, president and founder of Air Incheon. "We are pleased with the performance and recognize the quality, reliability, and value it brings to our company."

Mike Andrews, PEMCO's director of conversion programmes, said, "We're honored that Air Incheon again chose us for its fleet expansion program. We look forward to supporting Air Incheon's mission to become a leader in regional air cargo transport."

Air Incheon's B737-400 PEMCO-converted aircraft features a custom cargo loading system, up to 48,000 pounds of payload, and 4,600 cubic feet of total volume under PEMCO's supplemental type certificate. The optimised center of gravity of PEMCO's B737-400 freighter yields the top possible usable payload and maintains highest best-in-class fuel efficiency 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 a track record of 2 million hours of safe, consistent operation. ■

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Satair Group opens new Airbus aftermarket centralised kitting centre at Hamburg

Satair Group, a world leader in the commercial aerospace aftermarket has inaugurated an additional centralised aftermarket kitting centre at Hamburg, Germany to add considerable added capacity to its already impressive kit marshalling capability for Airbus aircraft and to accomplish another milestone in the logistic & supply chain history of Airbus and Satair Group.

Satair Group's Kit Factory Unit 2 sits adjacent to the original Kit Factory Unit 1 combining all kit marshalling activities from all Airbus European sites at one centralised location.

The new Kit Factory Unit 2 adds an extra 5,300 m2 of warehousing to the 10,000 m2 Kit Factory Unit 1 to allow Satair Group to further develop its logistic process on the whole. This means that Satair Group will be able to more than double kit delivery performance to 110,000 kits a year in 2017, while the yearly stock picking performance will double from 1,000,000 this year to 2,000,000 over the next five years.

Satair Group's VP of Supply Chain, Tim Bothe comments, "The Satair Group Kit Factory is the centralised worldwide kitting centre for the Airbus and Satair Group aftersales business. The new construction was kicked off in June



2016 and just nine months later we were ready for the inauguration. This is typical of our highly dynamic business environment where growth has to take place within a very short time frame to support our customers".

The combined Kit factories, Units 1 and 2, are near the Airbus Operations Germany site south of the River Elbe in Hamburg. The main working and kitting areas will stay in Unit 1 and the move of material into unit 2 with the additional capacity will allow Satair Group to size the productivity and capacity in line with the forecasted workload.

Within Unit 2 Satair Group will also get a Hazardous Material (HAZMAT) area surface to store the Cabin Upgrades Monuments* and the future retrofits for the A380 and A350 programmes and, the opportunity to merge the Standard Hardware stock under a single roof.

Tim Bothe ends, "Technologies like Mobile Data Terminals, Vertical Storage Machines and a packaging machine are already planned and we are analysing new methods in order to automate the physical kitting process going forward to create state-of-the art solutions for our customers." ■

MTU Maintenance and Barfield extend their exclusive LRUs contract by five years

MTU Maintenance, one of the global leading providers of services for commercial aero engines have extended their exclusive line replaceable units (LRUs) contract with Barfield Inc., an aircraft maintenance company for the V2500 engine by a further five years. The contract covers complete V2500 LRU Management, on a fixed price basis. The work will be performed at MTU's Maintenance Shop in Richmond, Canada.

Barfield, headquartered in Miami specialises in component services, and became part of the Air France Industries KLM Engineering & Maintenance group in 2014. This contract increases the range of services Barfield can offer its airframe



customers beyond its existing capability for avionics, instrument, hydraulic, pneumatic and electronic components.

MTU Maintenance supports all V2500 models and has accomplished over 4,300 shop visits on this engine family since 1989. MTU Maintenance provides specialised LRU and accessory management and support at its location in Vancouver, Canada. MTU Maintenance Canada's in-house repair and test facilities range from fuel system test benches for components such as pumps, fuel controls and actuators, pneumatic system test benches for all pneumatic components such as valves and starters as well as electrical capabilities for a range of harnesses and switches. ■

EVENT	DATE	VENUE
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
NBAA Maintenance Conference	May 2- 4, 2017	Palm Beach County Convention Center, West Palm Beach, FL
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
2nd Philippine Airport Modernization & Expansion Summit	24th-25th May 2017	Manila, Philippines
AP&M Europe	31 May- 1 June, 2017	Olympia, London, UK

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