

Weekly Aviation Headline News

WORLD NEWS

Etihad Cargo migrates to new IT platform

Etihad Cargo, the cargo and logistics arm of Etihad Airways, is fully migrating to "SPRINT", an IBS iCargo fully integrated technology platform offering the digital answer to its evolving cargo management needs. Abdulla Mohamed Shadid, Etihad Airways Managing Director Cargo and Logistics Services, said: "We are extremely pleased that the 12-month implementation process has been concluded successfully, and even more excited at the prospects that this milestone brings."

Gatwick plans to use second standby runway

London Gatwick is planning the routine use of its existing standby runway. Under its current planning agreement, Gatwick's existing standby runway is only used when the main runway is closed for maintenance or emergencies. A draft master plan sets out for the first time how Gatwick could potentially bring its existing standby runway into routine use for departing flights, alongside its main runway, by the mid-2020s.

Silk Way West adds Tianjin to network

Silk Way West Airlines is poised to start a twice weekly service to Tianjin connecting its global hub in Baku with one of the leading industrial centres in Northern China. "With this service we will close the strategic gap in offering full freighter services to booming Northern China," Wolfgang Meier, President of Silk Way West said. The service will run every Friday and Sunday and will offer transit options through Silk Way West's own controlled global Hub in Baku.



An A320 departure from LHR two weeks before suspension.

Photo: Keith Mwanalushi

Cobalt Air shuts down

Financing difficulties halt operations

Cobalt Air, the vibrant two-year-old Cypriot airline has ceased operations becoming the latest victim in Europe's turbulent aviation market.

The carrier said: "As a result, future flights or services provided by Cobalt will be cancelled and will no longer operate". Cyprus' Ministry of Transport, Communications and Works stated meetings are being held with representatives of the Department of Civil Aviation, Treasury, Hermes Airports and other stakeholders, with the aim of achieving the best possible operation for the repatriation of the stranded passengers.

Transport Minister Vasiliki Anastasiadou pledged state support for all those stranded either in Cyprus or overseas by the collapse of Cobalt Air, as the airline expressed great regret for the suspension of

Sources in Larnaca say the airline was in talks with a possible new European investor but failed to reach a deal and that financial support from its Chinese investor had dried up.

"The priority for the ministry is to help the people who have been stranded."

Vasiliki Anastasiadou, Cyprus Transport Minister

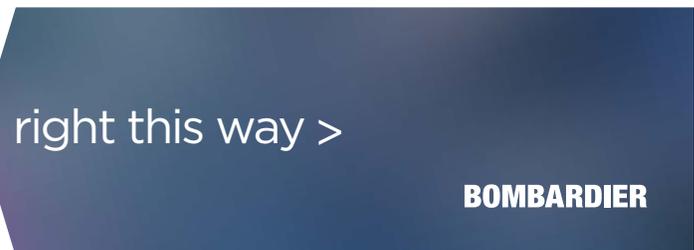
its operations, saying it was a "sad day" for employees and passengers alike.

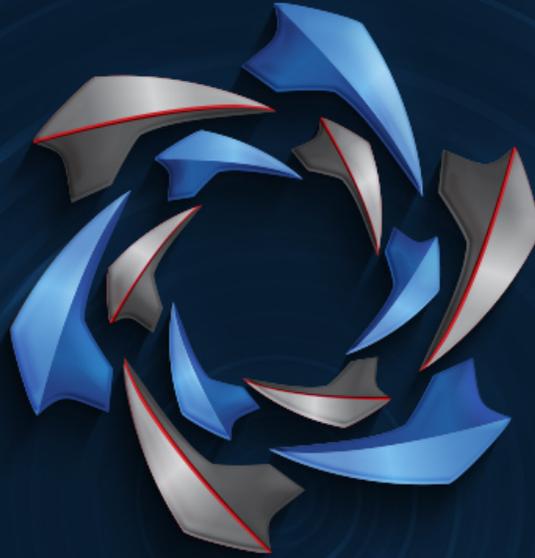
"The priority for the ministry is to help the people who have been stranded," said Anastasiadou.

Signs of trouble were brewing just days before the suspension. Cobalt Air was reportedly facing financial problems as its

Chinese investors were refusing to meet their financial obligations as they cut back on third country investments amid a trade war with the United States, allegedly.

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Reports indicate the airline had suffered a US\$5.7 million loss as a result, according to a report, leaving it not choice but it initiate a search for new investors to help bring the carrier back to a “healthy” state but unfortunately time had run out.

In a statement quoted by the Cyprus Mail newspaper, Cobalt said it had called in administrators after failing to secure long-term funding. The collapse leaves thousands of customers either stranded abroad or with their future travel plans in tatters.

Cobalt Air operated to 23 destinations flying A320/319 equipment.

AIRCRAFT & ENGINE NEWS

S7 Airlines takes delivery of first 737 MAX

S7 Airlines (S7) has taken delivery of the airline’s first 737 MAX, via lease from Air Lease Corporation (ALC). S7, operated by Globus Airlines, becomes the first Russian airline to fly the new and improved 737 airplane. S7 plans to take ten more 737 MAX jets over the next few years as part of its strategic plan to strengthen its fleet of aircraft.

Safran unveils an electric motor from its ENGINEUS range, designed for future hybrid and electric aircraft

Safran is presenting the first electric motor from its ENGINEUS range designed for future hybrid and electric aircraft, at NBAA’s Business Aviation Convention & Exhibition (NBAA-BACE) in Orlando, Florida. The ENGINEUS 45 motor has a continuous power of 45kW. It has built-in, dedicated control electronics with an energy efficiency of over 94%. It also has an excellent power-to-weight ratio of 2.5kW / kg at 2,500rpm. The ENGINEUS product line will eventually include a range of electric motors with a power output of up to 500kW. The motor on display has been tested and validated on Safran’s electrical integration benches to verify its performance. Safran has also tested four of these electric motors on the ground on a full distributed propulsion hybrid-electric system, which reflects the demands of hybrid and electric aircraft. This motor technology optimizes the electrical archi-

Orders and deliveries – Boeing and Airbus

Airbus v Boeing: Orders and Deliveries					
September 2018 YTD					
	Airbus		Boeing		
Type	Orders	Deliveries	Type	Orders	Deliveries
A320 Family	0	8	737	448	407
A330	198	395	747	14	5
A340	8	31	767	38	13
A350	36	61	777	27	37
A380	14	8	787	104	106
Total	256	503	Total	631	568

Source: Airbus

Source: Boeing

Airbus increased the order book for its A320 Family with orders in September for 37 of the single-aisle aircraft, while delivering 69 jetliners during the month from across its A220, A320, A330, A350 XWB and A380 product lines. September’s new business was led by 25 A321neo (New Engine Option) aircraft for Viva Aerobus – the ultra-low-cost carrier based in Mexico, along with seven A320neo and three A321neo jetliners for Swiss International Air Lines. Completing the month’s bookings were one A320neo for Oman’s budget airline, SalamAir; and an ACJ320ceo (Current Engine Option) aircraft in the Airbus Corporate Jet configuration for an unidentified customer.

Boeing generated 65 orders in September including 10 737 MAXs for Nigerian start-up Air Peace. Deliveries totalled 87 aircraft for mostly the 737s and 787s.

ture by consolidating several key conversion, control and battery interface functions. Its mechanical and structural characteristics are also perfectly suited to aircraft structures. “We are proud to present this cutting-edge equipment that boasts top-level aeronautical performance from an electromagnetic, thermal and mechani-

cal perspective. With this range of engines, we are making a major strategic shift towards the development of VTOL1 and STOL2 aircraft, thus opening up promising new markets for Safran,” said Hervé Blanc, Vice President & General Manager of the electrical systems and motors division at Safran Electrical & Power.

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AIRCRAFT & ENGINE NEWS

SAF expands fleet with order for six light single and light twin helicopters

French Alps-based civil operator SAF Group has ordered six new Airbus' helicopters for emergency medical service (EMS) operations, mountain rescue, aerial work and passenger transport. The order includes three light single and three light twin helicopters to be operated in Metropolitan France and on Reunion Island, where SAF has recently acquired Hélicoptère. Delivery of the six aircraft is planned for 2019.

Bombardier Business Aircraft delivers 31 business jets in third quarter

Bombardier Business Aircraft has reported strong order and delivery performance for the three months ending September 30, 2018. For the quarter ending September 30, 2018, Bombardier delivered 31 business jets. Third-quarter deliveries include four Learjet, 20 Challenger and seven Global aircraft, bringing the year-to-date total to 96. This strong performance represents more than 70% of Bombardier's planned business aircraft deliveries for the year. The company further announced that its Business Aircraft segment's backlog rose to approximately US\$14.3 billion as at September 30, 2018. The company also confirmed the continued growth of its services offering and international footprint.

German HEMS operator DRF Luftrettung to expand H145 fleet

At Helitech, Airbus Helicopters and DRF Luftrettung have signed a contract for the delivery of three H145s in 2019. This will bring the H145 fleet of the German Helicopter Emergency Medical Services (HEMS) operator to 17, making them one of the biggest H145 operators worldwide. DRF Luftrettung is one of the biggest HEMS operators in Germany. The organization operates more than 50 Airbus helicopters at 31 bases throughout Germany and Austria for emergency rescue and intensive care transports including rescue winch operations. By starting night-time missions more than 20 years ago and operating nine 24/7 sites (2019: ten), the DRF Luftrettung has the broadest experience in HEMS night operations throughout Europe. In addition, the ambulance jet aircraft of DRF Luftrettung repatriate people who have experienced an accident or have fallen seriously ill while abroad, quickly and safely back to a hospital in their respective home countries. DRF Luftrettung was launch customer of the H145 in 2014, having 14 H145s in operation to date.

Boeing Business Jets delivers first BBJ MAX airplane



Boeing Business Jets delivers first BBJ Max

Photo: Boeing

Boeing Business Jets (BBJ) has delivered the first BBJ MAX airplane, the company announced on October 15 on the eve of the National Business Aviation Conference and Exhibition (NBAA-BACE). The aircraft is scheduled to fly to an interior finishing center. Customers from around the world have placed orders for 20 BBJ MAX airplanes. Seacons Trading Ltd. announced at the 2018 Farnborough International Airshow in July it is purchasing a BBJ MAX 7. To commemorate the first delivery, Boeing Business Jets unveiled a new interior concept by award-winning aviation design firm SkyStyle. The concept, named Genesis by SkyStyle co-founders Max Pardo and Lucas Colombo, represents the company's debut in BBJ MAX design.

Kuwait Airways becomes newest customer of the A330neo



Kuwait Airways signs purchase agreement with Airbus for eight A330-800 aircraft

Photo: Airbus

Kuwait Airways, the national carrier of the state of Kuwait, has signed a Purchase Agreement (PA) for eight Airbus A330-800 aircraft. The agreement was signed by Yousef Al-Jassim, Kuwait Airways Chairman and Christian Scherer, Airbus Chief Commercial Officer, at Airbus' headquarters in Toulouse. Yousef Al-Jassim, Chairman Kuwait Airways said: "The A330-800 will seamlessly fit into our fleet expansion and growth plans. Its unbeatable operating economics and performance in addition to best-in-class passenger comfort make it a sound investment. We are confident that the A330-800 will support us to compete effectively on our expanding route network. Our relationship with Airbus extends beyond aircraft acquisitions and we look forward to further collaboration on technical fields." The announcement marks an important step in Kuwait Airways' fleet renewal and expansion strategy. The national carrier of Kuwait also has A350 XWB and A320neo Family aircraft on order. The delivery of the new Airbus fleet will start in 2019.

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AIRCRAFT & ENGINE NEWS

Honda Aircraft predicts increased deliveries for light business jet in 2019

Speaking at the 2018 National Business Aviation Association Business Aviation Convention & Exhibition (NBAA-BACE) at Orlando Florida, Michimasa Fujino, Honda Aircraft Co Chief Executive said that he anticipates deliveries of the HondaJet to increase in 2019 beyond the estimated 50 aircraft that will be delivered this year, as the light business plane maker is now targeting Asia for growth. In 2017, 43 of the light, six-seat business jets were delivered, while Honda Aircraft has not published any order figures since 2006. According to the General Aviation Manufacturers' Association (GAMA), Honda Aircraft delivered 17 HondaJets during the first half of 2018. Honda Aircraft has recently introduced the HondaJet Elite, a longer-range version of the plane and has announced a new performance package at Orlando this week for owners who want to upgrade the original HondaJet. Fujino also commented that the company was targeting growth in the fledgling Japanese market, which he said did not "know" business jets and consequently the company had a low market penetration. He also has his eyes on sales in China, where larger executive planes dominate and where tight government controls over airspace have hurt growth of the private jet market, according to analysts. The HondaJet is in direct competition with other such business jets as the Embraer Phenom 100 and 300, plus the Cessna Citation M2. While the HondaJet may be faster, it requires a longer runway than these competitor aircraft.

NetJets looks to acquire up to 325 Textron Cessna business jets

NetJets, a Berkshire Hathaway company, has struck a deal with Textron to acquire up to 175 super-midsize Cessna Longitude aircraft and 150 Cessna Citation Hemisphere aircraft and which Textron anticipates will be firmed up over the next few weeks. NetJets has operated Cessna aircraft since 1984 and the current deal would see its fleet of Cessna jets increase to approximately 800 over the next fifteen years. NetJets will also be the launch customer for the clean-sheet large-cabin Citation Hemisphere. Delivery of the first Citation Longitude is anticipated for the second half of 2019. The deal appears to have attracted considerable attention with its announcement taking place in Orlando, Florida on the eve of the 2018 National Business Aviation Association Business Aviation Convention & Exhibition (NBAA-BACE). Textron Aviation and NetJets are designing a version of the Citation Hemisphere. They are also working with Safran, whose Silvercrest engine will

Embraer introduces the Praetor 500 and Praetor 600 Business Jets



The Praetor 600

Photo: Embraer

Embraer has introduced the new Praetor 500 midsize and Praetor 600 super-midsize business jets during a company event at Orlando Executive Airport, where the 2018 National Business Aviation Association's Business Aviation Convention and Exhibition (NBAA-BACE) will be held from October 16-18. The new Praetor 500 and Praetor 600 will be on static display during NBAA-BACE. "The Praetor 500 and Praetor 600 are the disruptive aircraft for the entrepreneur, for the pioneer, for the innovator," said Michael Amalfitano, President & CEO, Embraer Executive Jets. "The Praetors are aircraft certainly in keeping with their name, leading the way in redefining the characteristics of what a midsize and super-midsize aircraft delivers to the market. The introduction of these aircraft supports our vision of fascinating our customers and providing them with superior value and the best experience in the industry." The Praetor jets will introduce unprecedented range into their categories. According to Embraer, the Praetor 600 will be the farthest-flying super-midsize business jet, which enables nonstop flights between London and New York. The Praetor 500 will be the fastest midsize aircraft, capable of reaching Europe from the west coast of the U.S. with a single stop. With four passengers and NBAA IFR Reserves, the Praetor 600 will have an intercontinental range of 3,900 nautical miles (7,223 km) and the Praetor 500 will lead the midsize class with a continental range of 3,250 nautical miles (6,019 km). The Praetor jets are currently under development with two Praetor 600 prototypes in flight tests as well as one production-conforming aircraft and one production-conforming Praetor 500 in its maturity campaign. The Praetor 600 is expected to be certified and enter service in the second quarter of 2019, followed by the Praetor 500 in the third quarter of 2019.

be powering the Hemisphere, to achieve performance characteristics that will enable it to reach far-off destinations with greater speed and reliability. Brad Thress, Textron Aviation senior vice president, Engineering, commented: "We have worked steadfastly with Safran to understand the development stages of the Silvercrest engine. Throughout our review, we have remained confident that Silvercrest is the best engine choice for the Hemisphere and are pleased to see Safran's enduring commitment to delivering it on time and on target." Devel-

opment of the already-delayed engine was delayed last year when Safran reported a problem with a compressor during certain types of high-altitude test-flying. Safran has since begun producing redesigned parts and will start assembling them in early 2019, with ground tests taking place during the second quarter to ensure the solution is working.

MRO & PRODUCTION NEWS

GA Telesis announces large-scale ramp-up in Helsinki, GATES Engine MRO Operation

With record engine slot inputs in 2018 across all engine models, coupled with major commitments from existing and new customers of the CF6-80C2, CFM56-5B and CFM56-7B engines over the next 3 years, GA Telesis Engine Services (GATES), a wholly owned subsidiary of GA Telesis, a leader in integrated aviation services, intends to ramp up its engine MRO operations in 2019. GATES is seizing on the opportunity to increase its production capability. The Company is also investigating the potential of adding capabilities for three other engine models. The growth will come in the form of hiring additional technicians and support staff, along with a significant cap-ex spend for additional tooling machinery, as well as upgrading the company's ERP system. Commencing immediately, the initiatives will continue over the next five years, growing slot capacity by 150%. "Since the acquisition of GATES, we have doubled the size of the workforce and have made significant cap-ex investments in the business," said Jukka Laurila, President of GATES. "It is our intention to continue down this track and grow our existing customer relationships, while also expanding our customer network," he added.

ST Engineering's Aerospace Sector secures new contracts worth about S\$590 million in 3rd quarter 2018

Singapore Technologies Engineering (ST Engineering) has announced that its Aerospace sector secured new contracts worth about S\$590 million (US\$473 million) in the third quarter (3Q) of 2018 for services ranging from airframe, engine and component maintenance to engine wash. A number of the contracts secured in the third quarter 2018 are multi-year agreements, including a four-year ATR 72 landing gear overhaul agreement from an Asian airline, a five-year contract extension to maintain the PW4000 thrust reversers and inlets of a European operator's A300-600 fleet, and heavy maintenance agreements from Ameri-

Boeing forecasts Air Cargo traffic will double in 20 years



777F with cargo load

Photo: Boeing

Boeing projects air cargo operators will need more than 2,600 freighters over the next two decades to keep up with increasing global freight traffic, which is expected to double with 4.2% growth annually. The 980 new medium and large freighters and 1,670 converted freighters will go toward replacing older airplanes and growing the global fleet to meet demand, according to the new World Air Cargo Forecast, released by Boeing on October 17, at The International Air Cargo Association's Air Cargo Forum and Exhibition. "The air cargo market continues to be a major element of commercial aviation's growth story," said Darren Hulst, managing director of Market Analysis & Sales Support at Boeing Commercial Airplanes. "Our new forecast indicates strong long-term air cargo trends, which coincide with the market recovery that we have seen over the last few years across Europe, North America, and Asia." Some of the factors driving the growth in air cargo include a growing express market in China and the global rise of e-commerce, which is forecast to increase 20% annually to nearly US\$5 trillion in 2021 according to Boeing's analysis. To meet growing market needs, Boeing also forecasts that the world freighter fleet will expand by more than 70%, from the current total of 1,870 to 3,260 airplanes. Boeing projects new production freighter deliveries valued at US\$280 billion. Demand for regional express services in fast-developing economies will boost the standard-body share of the freighter fleet from 37% today to 39%. 1,170 standard-body and 500 medium wide-body passenger airplanes will be converted into freighters over the next two decades. Dedicated freighters, which provide unique capability that passenger belly-cargo cannot match, will continue to carry more than 50% of the world's air cargo demand. The majority will be in the large wide-body freighter category, such as the 747-8 and 777 Freighters.



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MRO & PRODUCTION NEWS

can freight operators. The Aerospace sector redelivered a total of 208 aircraft for airframe heavy maintenance and modification work in the third quarter, 2018. Additionally, a total of 11,992 components, 35 landing gears and 45 engines were processed, while 2,644 engine washes were conducted. The sector continued to expand its aftermarket services in nacelle systems by successfully setting up MRO capabilities for A320 V2500 and CFM56-5B nacelles. It is currently developing aftermarket capabilities in new-generation flight control and nacelle systems used in aircraft such as the Boeing 737MAX and Boeing 777. In China, the sector expanded its airframe maintenance portfolio when its Guangzhou facility obtained approval from the Civil Aviation Administration of China (CAAC) to carry out base maintenance for the Boeing 767.

Spatial commissioned by Pegasus Airlines to build A321NX Over Wing Exit Trainer

Spatial, a provider of cabin crew training simulators, has been commissioned by Pegasus Airlines to build an A321NX Over Wing Exit Trainer. Manufactured to replicate all the functionality of a real A321NX semi-automatic door, the high-fidelity simulator will enable Pegasus Airlines' cabin crew to become fully proficient in all normal, abnormal and emergency situations that may be encountered with this Airbus aircraft door type. Custom-built to the highest standards in just six weeks at Spatial's 50,000 ft² in Dubai, the trainer was shipped and installed at Pegasus Airlines' crew training center in Istanbul in October.

Skyways Technics A/S launches ATR leading edge and composite repair capabilities in Kuala Lumpur

Danish MRO Skyways Technics has opened brand new facilities located next to Subang Airport. The compound consists of EASA-approved shops, along with increased warehousing and office space. With extensive experience in regional aircraft composite repairs from its main base in Europe, Skyways Technics A/S aims to consolidate its reputation on structure and component MRO in the Asia-Pacific market. Since 2014, Skyways Technics Asia has already responded to Asian carriers' demands through its pool of ATR42 and ATR72 leading edge and engine air intakes. Bi-turboprop operators can now send their components to Malaysia and save on TAT and freight costs, as well as benefit from a time- and cost-efficient service and support.

Boeing delivers SpiceJet's first 737 MAX 8 airplane



SpiceJet's first 737 MAX 8 takes off from Boeing Field in Seattle

Photo: Craig Larson

Boeing and SpiceJet celebrated the delivery of the carrier's first 737 MAX 8. The airline plans to use the 737 MAX 8 to expand and standardize its fleet, while leveraging the super-efficient jet to reduce fuel costs per airplane by US\$1.5 million a year. This is the first of up to a potential 205 737 MAX airplanes SpiceJet has ordered from Boeing. The new and improved single-aisle airplane will help SpiceJet lower its emissions output, which is a key initiative for the carrier as it looks to increase regional and international routes. SpiceJet's new 737 MAX airplanes will arrive at a time when India's commercial aviation market continues to grow at significant rates. According to industry data, domestic air traffic in India has grown about 20 percent in each of the past four years, with an upward growth trajectory going forward.

Portugal's Air Force orders five AW119Kx multirole helicopters



Portuguese Air Force orders five AW119Kx helicopters

Photo: Leonardo

Leonardo has released that the Portuguese Ministry of Defence (MoD) has selected the AW119Kx as its new multirole single-engine helicopter to meet its future operational requirements. The Portuguese Air Force is set to take delivery of five aircraft with an option for a further two units. Deliveries are to start in late 2018 from Leonardo's plant in Philadelphia (Pennsylvania, USA), with completion of deliveries by early 2020. The contract awarded by the Portuguese MoD is valued in excess of €20 million (US\$23 million). The AW119Kx helicopters will be used to perform a wide range of roles including training, MEDEVAC, troop transport and short-range maritime search and rescue (SAR), and may be used for firefighting. The AW119Kx will provide greater versatility and performance compared to the current Portuguese Air Force fleet of ageing single-engine rotary wing aircraft, as well as an outstanding training capability for military crews before moving to the AW101, Super Lynx and other frontline aircraft types.

MRO & PRODUCTION NEWS

StandardAero to support Air Methods' fleet of Airbus Helicopters AS350 and EC130 dynamic components

StandardAero has signed a three-year agreement with Air Methods to support its fleet of Airbus Helicopters AS350 and EC130 dynamic components. Over the course of this agreement, StandardAero will provide expert-level repair, light and major overhaul, testing and modification of dynamic components for Air Methods' fleet of more than 120 AS350 and EC130 helicopters. All services will be completed at StandardAero's Airframe Center of Excellence located in Vancouver, BC. As an approved Airbus Helicopters Repair Center, StandardAero possesses extensive dynamic component repair and overhaul capabilities for the popular H125/AS350, AS355 and H130/EC130 helicopter models, while also providing rental and exchange assets to its customers. In November 2017, StandardAero's amended license extended these capabilities further to include global operators outside of North America, with services being offered to customers worldwide and conducted at StandardAero's Vancouver, BC and Almondbank, Perth locations.

Embraer and Western Air sign Flight Hour Pool Program for ERJ-145s

Embraer have signed a Flight Hour Pool Program agreement with Western Air, from the Bahamas, to provide repairable component support for the carrier's fleet of ERJ-145 aircraft. Western Air recently purchased three ERJ-145s from Embraer, becoming the first operator of the aircraft in the country. The operator also plans to purchase additional aircraft by the end of the fourth quarter of 2018. The multi-year Flight Hour Pool Program for the carrier's fleet of Embraer jets includes material services engineering and advanced component exchanges from Embraer's spare parts warehouse in Fort Lauderdale, Florida.

GKN Aerospace and UTAS sign lifetime Repair License Agreement

GKN Fokker Services and UTC Aerospace Systems (UTAS) have entered into a lifetime Repair License Agreement to support UTAS' hydraulic flight control components of the Bombardier CRJ200 and CRJ700/900/1000 aircraft in the EMEA and APAC regions. The agreement includes a technology license, providing access to the technical data needed to maintain the Line Replaceable Units (LRUs) according to OEM standards and to OEM ap-

Aerion's GE-powered supersonic business jet will meet U.S. noise regulations



Supersonic AS2

Photo: Aerion

On the eve of the NBAA's Business Aviation Convention & Exhibition (NBAA-BACE) in Orlando Florida, Aerion Supersonic (Aerion) and General Electric (GE) have announced that the US\$120 million supersonic AS2 business jet will operate without the need for regulatory changes to noise levels. The Aerion jet will be powered by GE's Affinity turbofan engine. The Affinity is a new class of medium bypass ratio engines that provide exceptional and balanced performance across supersonic and subsonic flights. GE's Affinity is a twin-shaft, twin-fan turbofan controlled by a next generation Full Authority Digital Engine Control (FADEC) for enhanced dispatch reliability and onboard diagnostics. It is purposefully designed to enable efficient supersonic flight over water and efficient subsonic flight over land, without requiring modifications to existing compliance regulations. The engine is designed to meet stringent Stage 5 subsonic noise requirements and beat current emissions standards. After two years of a preliminary study, GE Aviation and Aerion launched a formal process in May of 2017 to define and evaluate a final engine configuration for the AS2 supersonic business jet. A GE Project team, supported by a dedicated Engineering team, continue to work with Aerion in a formal and gated process. The next design review is targeted 2020, signaling beginning of detailed design and test article production. Aerion is collaborating with GE Aviation, Lockheed Martin and Honeywell to develop the AS2. According to Aerion Chief Executive Tom Vice: "We're on track to fly in 2023, and before that year is out cross the Atlantic at supersonic speed, which will be the first supersonic crossing since the Concorde's retirement 20 years earlier."

Royal Dutch Touring Club ANWB and Airbus sign framework contract for six H135s

Airbus Helicopters and air rescue operator Royal Dutch Touring Club ANWB, have signed a framework contract for up to six H135s with Helionix. Additionally, they have activated a first batch of three aircraft to be delivered in 2019 and 2020. ANWB Medical Air Assistance is 100% owned by Royal Dutch Touring Club ANWB and is the sole Helicopter Emergency Medical Service (HEMS) operator in the Netherlands, performing more than 8,500 missions per year, for which it is operating six helicopters of the H135 family.



H135 ANWB

Photo: Airbus Helicopters, Christian Keller

MRO & PRODUCTION NEWS

proved repairs; technical assistance, which provides training and assistance to deliver the required high quality standards; a spare parts purchase agreement, which is fundamental to offer a competitive solution based on the use of OEM-approved materials. As a UTAS licensee, GKN Fokker Services supports Airlines, MRO companies and Integrators with flexible, reliable and competitive OEM solutions for the flight controls installed on the CRJ fleet. The support includes OEM parts & warranty, dedicated 24/7 customer service, quick turn-around time, performance guarantee and reliability monitoring services to ensure top quality and exchange inventory available to support the next removal.

StandardAero extends long-standing relationship with Dumont Group

StandardAero has extended its long-running relationship with aviation services provider Dumont Group through a follow-on contract for Pratt & Whitney Canada (P&WC) JT15D-5R engine overhauls. These engines will power a Hawker 400XP light jet which will shortly be entering service with the Dumont JETS division, a premier Part 135 aircraft management and charter provider. Dumont Group, headquartered in New Castle, DE, is a long-standing customer of StandardAero, having used the company for a variety of overhaul, repair, preservation and teardown services on the P&WC JT15D and PW100 engine families.

Adient Aerospace starts operations

Boeing and Adient have released that their airplane seat joint venture Adient Aerospace is operational after securing regulatory approvals. The companies also appointed Alan Wittman as Chief Executive Officer and named the team that will lead Adient Aerospace in addressing the aviation industry's need for more capacity and quality in airplane seating. Industry analysts forecast the commercial aircraft seating market to grow from approximately

AviaAM Leasing sells two Airbus A321s to global investor



Photo: ©AviaAM Leasing

AviaAM Leasing, a global aviation holding company engaged in commercial aircraft acquisition, leasing, and sales, has announced the sale of two Airbus A321-211s from its fleet. The aircraft have been sold with leases attached to a global private equity investor. Since May 2018, both aircraft have been in operation, one aircraft under the largest narrow-body ACMI operator and the second one under Lithuanian airline Avion Express, with a six-year operating lease agreement.

Revima unveils new brand identity and broader service offering

Revima, a leading independent MRO (Maintenance, Repair & Overhaul) solutions provider, has unveiled its new brand identity and broader service offering in answer to its customers' expectations. Furthermore, Revima has announced strengthening its international footprint.



Logo: Revima

Over the last 60 years, Revima has built a solid MRO expertise, and is now one of the world leaders in its sector thanks to on-time delivery and dedicated customer support. Today, Revima supports aircraft operators, lessors, and repair stations worldwide, positioning the company as one of the most experienced MROs in the world, with extensive understanding of airline expectations, best in class value and services. The choice of adopting the brand Revima for its entire service-offering, accompanied by a new visual identity went hand in hand with a strategic process on branding. Revima, recognized internationally for its unique capabilities in APUs and Landing Gears, will be the brand of choice. The dynamic colors chosen for the new visual identity comprise a deep blue representing reliability and know-how, as well as a vibrant orange, representing warmth and friendliness, with an objective to underscore the group's vision.

In this respect, the new visual identity is backed by the baseline "Service is our passion", bringing more dynamism and customer proximity. By using the term "passion", Revima's new baseline is designed to highlight its employees. It illustrates the values of the company: commitment, team spirit, keeping it simple and well-being.

With committed and passionate employees across locations in France, Asia, North America and the Middle East, Revima boasts over 60 years of MRO expertise. Designed to strengthen the competitiveness of operators at the highest possible level, Revima's service offering is also backed by unmatched availability and reliability of its services. Revima will also be opening in 2020 a landing gear overhaul shop in Thailand, thus increasing its service capacity and client proximity in this key region of the world.



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MRO & PRODUCTION NEWS

US\$4.5 billion in 2017 to US\$6 billion by 2026. The joint venture between Boeing and Adient is developing a portfolio of seats for new airplane and retrofit configurations. Adient Aerospace has opened a customer service center in the Seattle, Washington area, and product development is underway in Kaiserslautern, Germany, as a continuation of work performed under an agreement the two companies signed in 2017. Adient Aerospace is initially developing lie-flat business class seating offerings for wide-body airplanes. Adient Aerospace CEO Wittman was most recently the director of Business Operations for Boeing's 787 Dreamliner program

SOAR and SABENA AEROSPACE join forces

SOAR and SABENA AEROSPACE have signed a long-term working agreement to offer Aircraft On the Ground (AOG) Heavy Recovery and Field Repair Services to the commercial aviation community. Services from these quality providers include recovery, evaluation, repair and modification in the field. SOAR provides turnkey international AOG repair services, combined with dedicated global partners via the SOAR Network™ that are routed to respond quickly to aircraft incidents. With Partner companies such as SABENA AEROSPACE, SOAR will be able to dispatch a well-qualified team 24 hours a day, 365 days a year to provide repair teams, parts, materials, project planning, engineering, full support logistics, portable hangars and much more as part of its core portfolio offerings.

SR Technics Spain SA and Honeywell sign channel partner agreement

SR Technics, a world leading MRO service provider, has released that its Spanish subsidiary has signed a channel partner agreement for wheels and brakes with Honeywell International. The new agreement, which is in effect until 2023, builds on over twenty years of collaboration between the two companies. The channel partnership, which took effect on August 1, 2018, will allow SR Technics to offer competitive lead times and pricing on all Honeywell wheels & brakes products. SR Technics will also obtain full access to the Honeywell component maintenance manuals and other key IP documentation under the deal. By forming agreements with channel partners, Honeywell is enabled to ensure seamless quality services of their brand products. Therefore, becoming a channel partner to one of the top three wheels and brakes Original Equipment Manufacturers gives SR Technics a competitive edge, benefiting the

GKN Aerospace officially opens state-of-the art aero-engine repair facility in Malaysia



Official opening of GKN Aerospace Malaysia

Photo: GKN Aerospace

GKN Aerospace has officially opened its repair and research facility for aero-engine systems in Johor, Malaysia. GKN Aerospace Malaysia reached this significant milestone on Thursday October 4. GKN Aerospace Engine Systems Leadership came together with Federal and State Government officials from Malaysia, as well as investment partners and customers, to recognize GKN Aerospace's establishment in the region and the importance of growing the aerospace market in Southern Malaysia. At the Farnborough Air Show in July of this year, GKN Aerospace announced the establishment of the aero-engine repair site and the creation of 150 jobs, growing to 300 within two years. A team of 15 people has been built to date. GKN Aerospace has invested US\$30 million in the site and in its state-of-the-art equipment and technologies. The expansion to Asia is an important part of GKN Aerospace's long-term growth strategy and global operating model. The site will initially focus on servicing engine low pressure compressor (LPC) components for CFM56-5B, CFM56-7 and V2500 and will be operational in 2019. Research will be centered on the application of additive manufacturing technology into engine parts repair. The facility will complement GKN Aerospace's existing component repair facility in San Diego, CA to meet growing demand in the Asia Pacific region, with investments targeting the growth in the single-aisle market expected in the region. The support of the Malaysian Government and the Malaysian Investment Development Authority (MIDA) was essential in identifying the location for a suitable and competitive site and customers were closely involved and supportive from the start. GKN Aerospace already operates six facilities in Asia, delivering wiring systems, transparencies and services in China, India, Singapore, Thailand and Turkey. With this latest expansion, GKN Aerospace's industry-leading engine systems business will have its first site in the Asia-Pacific region, which is a key growth market for the future.

MRO's existing customer base and increasing its appeal for other carriers in the region.

WestJet signs TTS contract with Lufthansa Technik

Canadian airline WestJet has signed a comprehensive Total Technical Support (TTS®) contract with Lufthansa Technik AG for the technical support of its future Boeing 787 fleet. WestJet also becomes the first customer for Lufthansa Technik's digital platform AVIATAR in the Americas.

The agreement includes integrated component supply, aircraft production inspections and line maintenance. The airline has ordered ten Boeing 787-9 Dreamliners and has options for another ten jets, with the first aircraft to be delivered to WestJet at the beginning of 2019. Lufthansa Technik will ensure the global and fast supply of components to WestJet's 787 fleet as part of a Total Component Support (TCS®). The contract covers the global availability of 787 components. In addition to a spare parts pooling concept, Lufthansa Technik will also stock inventories at the airline's bases in Calgary and Toronto. Further-

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more, Lufthansa Technik will support WestJet's Dreamliners with line maintenance services at up to ten stations worldwide and support the airline with engineering services such as maintenance planning and troubleshooting. Lufthansa Technik's proprietary Cyclean® system will be used for regular engine washes. Lufthansa Technik experts will also be monitoring and assuring the production quality of the airline's new 787s at the manufacturer's assembly site within the framework of an Aircraft Production Inspection Program (APIP).

Swiss International Air Lines chooses Joramco as maintenance provider

Swiss International Air Lines SWISS and Joramco have signed a five-year agreement by which Joramco will perform C-Checks and HMV checks on the SWISS Airbus fleet of A320s, A333s and A340s. The agreement also includes incorporation of ADs, SBs and structure repairs at Joramco's Base Maintenance facility in Amman (Jordan). As of today, Joramco has performed 35 successful layovers for Swiss International Air Lines. SWISS and the Lufthansa Group are working in very close cooperation with Joramco to introduce new ways of working together. Both parties have just completed a week's workshop together to streamline their procedures and processes. The goal of the workshop was to improve TAT, material deliveries, order to invoicing, final documentation, cabin standards, in-house capabilities and have a technically acceptable aircraft on redelivery. The cooperation between Joramco and SWISS started early 2017.

OEMServices signs memo of understanding with Meggitt PLC to serve operators in the Middle East, Africa and Russia

Meggitt PLC and OEMServices have signed a Memorandum of Understanding (MoU) to provide component after-market services for airlines operating in the Middle East, Africa, Asia and Russia/CIS. OEMServices will provide distribution services for Meggitt in the named regions and a one-stop shop for repair operations utilizing dedicated global service centers and a 24/7 AOG hotline, committed to responding to operator needs within the hour. OEMServices' expertise in serving operators in these markets will ensure that Meggitt OE approved solutions are immediately available, optimizing repair turnaround times and minimizing operational interruptions. Adrian Plevin, Meggitt CSS Senior Vice President Sales & Marketing believes "Our partnership with OEMServices is a perfect opportu-

Universal Avionics & Heli-One complete Transition to Hover certification testing



Photo: Universal Avionics

Universal Avionics (UA) has announced completion of certification testing with Authorized Dealer, Heli-One, for the company's Flight Management System (FMS) Transition to Hover feature. Testing occurred in Stavanger, Norway with a law enforcement AS332L/L1 Super Puma helicopter modernization program. Certification is now imminent. The new UA FMS feature allows a hands-free operation for the crew, enabling them to focus on other mission critical tactics. The pilot-friendly interface provides for an automatic approach based on a pilot Mark-on-Target activation. When activated, the FMS computes and provides coupled guidance downwind, performs an automatic course reversal, and communicates with the CDV-155 AFCS to trigger the descent and deceleration to achieve a hover 100 meters downwind of the target. At that point, the helicopter enters an automatic hover at the pilot-selected altitude.

Safran and Lufthansa Technik sign cooperation agreement for maintenance and repair of A320neo nacelles



Lufthansa Technik, Safran Nacelles contract signing

Photo: Safran Nacelles

Safran Nacelles and Lufthansa Technik have signed a cooperative agreement for maintenance, repair and overhaul (MRO) services on Airbus A320neo nacelles powered by CFM International LEAP-1A engines. This agreement, signed at the MRO Europe exhibition, aims to provide operators with flexible and cost-effective services based on the expertise of both companies: Safran Nacelles which develops and produces A320neo nacelles, and provides services; and Lufthansa Technik - a leading provider of technical aircraft services in the world. Safran Nacelles and Lufthansa Technik will combine their expertise to quickly propose to operators the development of repair services approved by airworthiness authorities. The two companies will also rationalize and optimize the use of their respective nacelle end-item stocks worldwide. The results will be increased accessibility and solutions that best match market demand.

MRO & PRODUCTION NEWS

nity for us to extend our global reach, ensuring that Meggitt original equipment solutions are available to operators worldwide, with the guaranteed service levels our customers expect.”

Revima signs new contracts with major US carrier and with Air Serbia

REVIMA has entered into a long-term maintenance agreement for the support of all TSCP700 APUs operated by a US carrier. Through this multi-year agreement, Revima will provide APU and LRU repair and overhaul services for its new customer’s aircraft fleet. The repairs will be carried out at Revima’s main facility located in Normandy, France. Furthermore, Revima has entered into a Fleet Management Agreement to provide APU Health Monitoring Services for the Pratt & Whitney Canada APS3200 and Honeywell 131-9A APUs installed on A320-family aircraft operated by Air Serbia. The services include a state-of-the art Health Monitoring System utilizing advance graphical applications, data analytics and expert knowledge to auto-generate maintenance alerts as a result of simple parameter and trend shifts to more complex multiple-parameter correlation shifts. The system modifies easily to adapt to multiple APU models across various aircraft platforms without needing any aircraft modifications. Air Serbia operates 21 aircraft, including the A319, A320, A330, ATR 73-200, ATR 72-500, and Boeing 737-300.

STG Aerospace wins order from Volotea for 45 full-color liTeMood® LED cabin lighting systems

STG Aerospace, the pioneering aircraft cabin lighting specialist, has announced that its full-color Airbus liTeMood® LED cabin lighting system has been chosen by Volotea, the Spanish low-cost operator. Currently operating a mixed fleet of Airbus A319s and Boeing 717s, the airline plans to move to an all-Airbus fleet over the next five years, resulting in this current order with STG Aerospace for no fewer than 45 full-color liTeMood® systems. Installation on the first batch of aircraft have already begun. Having begun operations in 2012, Volotea currently flies to some 78 European destinations from bases in Spain, France, Italy and Greece. STG Aerospace introduced its dynamic, configurable, full color version of liTeMood® earlier this year for both single- and twin-aisle Airbus aircraft. The system provides a choice of over 16 million colors and can be used to create bespoke scenes (from northern lights to sunrises and sunsets to settings specifically designed to celebrate national holidays) in just minutes using a unique and patented wireless programming tool.

Comlux completes 11th VIP cabin interior on a BBJ



Comlux completes 11th VIP cabin interior on BBJ Photo: Comlux

Comlux Completion, Comlux’s completion and service center based in Indianapolis IN, accomplished their 11th VIP interior outfitting on a BBJ aircraft for a private customer based in the Far East. The luxurious cabin features at the front a spacious executive compartment, with four sets of Club-4. Instead of the traditional Hi/Lo tables, there are large pull out tables with easily attachable extensions newly designed and installed specifically for this aircraft. In the center section, a private dining/conference room features a massive table surrounded by six executive style seats. The overhead area portrays a grand ceiling dome with a handmade mother of pearl pattern. Decorated with a similar ceiling dome, the master suite at the rear includes a tranquil master bedroom and a spa-like private master lavatory. The entire aircraft has an infusion of an Asian inspired atmosphere. There is a cohesive blend of contrasting color palettes achieved by the use of supple white leather, rich warm mahogany veneer, plush taupe carpet, textured fabrics and gold accents throughout- inspiring luxury and relaxation.

Southeast Aerospace achieves STC/VSTC for Cobham A300D Satcom on Boeing 737NG

Southeast Aerospace, a leader in STC certifications, has obtained an STC and China validation (VSTC) for the Cobham A300D Satcom system in a Boeing 737NG. This will provide a multitude of connectivity options for crews flying over open waters where typical terrestrial connection is lost. The STC covers the 600/700/800 and 900 series. Operators in China were required to meet the NextGen CAAC mandate for Satellite Communications Implementation Plan for Airline Operations Control. “The Cobham A300 was the most compact and lightweight SwiftBroadband solution,” said Rob Reed, Director of Aircraft Modification Programs. “The ability to stay connected, constantly, is critical for business and commercial aviation,” he added. The Cobham A300D is also connected to an existing ACARS, which is a digital datalink system for transmission of short messages between aircraft and

ground stations, to provide non-safety services.

Embraer and Air Peace sign multi-year Pool Program Agreement for six ERJ-145 jets

Embraer and Air Peace, Nigeria’s leading private airline, have signed a multi-year Pool Program Agreement for spare parts and support covering more than 250 components for their six Embraer ERJ-145 jets. Based at Murtala Muhammed International Airport in Ikeja, Lagos State, the airline provides passenger and charter services and serves the major cities of Nigeria, the West Coast of Africa and hopes to launch its international operations soon. With their ERJ-145 jets, it aims to expand their local and regional routes and transform air travel in the country. The contract also contemplates access to a huge and reliable stock inventory of more than 150 different parts under the Embraer Parts Exchange Program (EPEP+), which provides part availability in far less time

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than usual, avoiding Aircraft on Ground situations and delays due to lack of specific parts.

GA Telesis MRO Services Component and Composite Repair Groups receive CAAV approval to overhaul components and aerostructures for Vietnamese Airlines

GA Telesis MRO Services – Component Repair Group and Composite Repair Group operations have both received certification from the Civil Aviation Administration of Vietnam (CAAV). CAAV approval provides the organizations with direct access to one of the fastest-growing MRO markets in Asia for component and composite repair and overhaul. It will also allow the companies to further develop and expand their customer base in the region. The Component Repair Group and Composite Repair Group have previously been approved by the European Aviation Safety Agency (EASA), Civil Aviation Administration of China (CAAC), the Federal Aviation Administration (FAA), as well as countless other civil aviation authorities globally

FINANCIAL NEWS

Harris Corporation and L3 Technologies agree to combine in all-stock merger

Harris Corporation and L3 Technologies have agreed to combine in an all-stock merger of equals to create a global defense technology leader, focused on developing differentiated and mission-critical solutions for customers around the world. Under the terms of the merger agreement, which was unanimously approved by the

boards of directors of both companies, L3 shareholders will receive a fixed exchange ratio of 1.30 shares of Harris common stock for each share of L3 common stock, consistent with the 60-trading-day average exchange ratio of the two companies. Upon completion of the merger, Harris shareholders will own approximately 54% and L3 shareholders will own approximately 46% of the combined company on a fully diluted basis. The combined company, L3 Harris Technologies, Inc., will be the sixth-largest defense company in the U.S. and a top-ten defense company globally, with approximately 48,000 employees and customers in over 100 countries. For the calendar year 2018, the combined company is expected to generate net revenue of approximately US\$16 billion, EBIT of US\$2.4 billion and free cash flow of US\$1.9 billion.

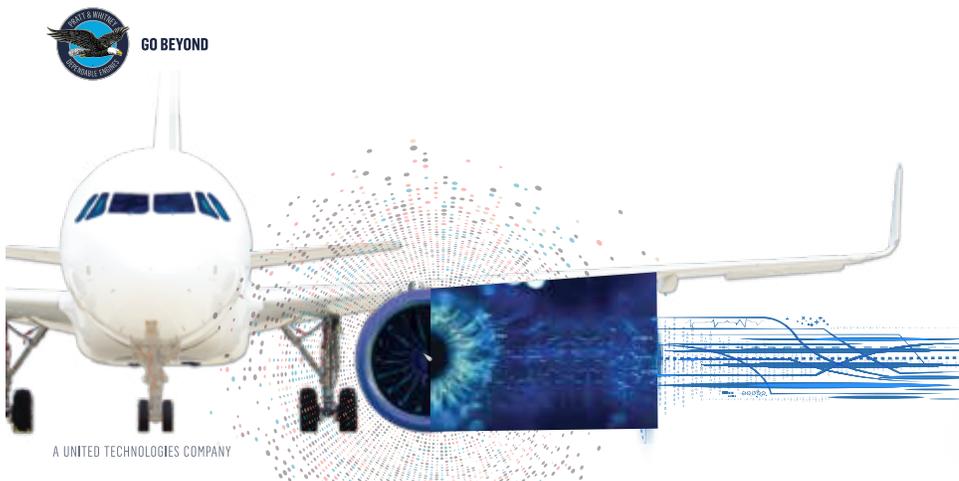
Tokyo Century Corporation and All Nippon Airways Trading Company complete acquisition of GA Telesis shares

GA Telesis has announced completion of the previously announced share purchase by Tokyo Century Corporation and All Nippon Airways Trading Co., Ltd. (ANATC) from Global Principal Finance Company. The transaction provides the Company with shareholders that have a committed long-term growth strategy in the aviation industry. Tokyo Century and ANATC, respectively, hold a 49.2% and 10% interest in the Company. The Company is now working with its shareholders on the execution of its new engine leasing joint venture, Gateway Engine Leasing, for launch prior to the end of the year. Tokyo Century has held an investment in GA Telesis since 2012 and elected to increase its stake to its current level. Tokyo Century has significant existing strategic investments in aviation, including a 20% holding in Aviation Capital Group, the world's pre-

mier aircraft leasing company, as well as a 16.7% interest in Jetstar Japan. Established in 1970, ANATC has evolved from a service provider of aviation serviceable parts to a multinational service and solution provider that centers its business not only on aviation but also fields such as food and beverages, electronics, and daily living essentials. Building on a strong customer base in Asia and other regions, ANATC strives to provide customer-centric and value-added solutions and services to its customers.

Seabury Capital assists in launching Zephyrus Aviation Capital

Seabury Capital Group has announced its role as sole investment banking advisor on the successful acquisition of a leased portfolio of 21 aircraft by Zephyrus Aviation Capital (Zephyrus). Zephyrus is a fleet management solutions provider to lessors and commercial airlines focused on mid-to end-of-life aircraft and related engine leasing and trading. Seabury Capital leveraged its extensive industry relationships to identify the opportunity and then arranged for Zephyrus' best-in-class management team and equity sponsor to acquire the inaugural aircraft portfolio from Dublin-based Avolon. Zephyrus is capitalized by Virgo Investment Group (Virgo) as majority equity sponsor, with Seabury Capital retaining a minority stake. Zephyrus is led by a highly experienced team of former CIT Aerospace executives. Tony Diaz, former President of CIT Aerospace, and Damon D'Agostino, former Chief Commercial Officer of CIT Aerospace, are the company's non-executive Chairman and President & CEO, respectively. In addition, Robert Meade, CIT's former Head of Marketing, is Chief Commercial Officer, and Richard Genge, CIT's former Assistant Vice President – Marketing & Asset Sales, is Vice President.



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FINANCIAL NEWS

American Airlines and Los Angeles World Airports break ground on US\$1.6 billion reimagining of terminals 4 and 5

American Airlines (American) and Los Angeles World Airports (LAWA) officially broke ground on a US\$1.6 billion modernization project to fully reimagine Los Angeles International Airport (LAX) Terminals 4 and 5. The project marks American's largest individual investment at an airport in its 92-year history and reaffirms the airline's commitment to Los Angeles. In June 2017, American signed a letter of intent with LAWA which set the framework for the carrier's record investment. Now, less than 18 months later, construction is officially underway. The project will fully modernize and update the infrastructure of LAX's two busiest domestic terminals. When completed, the new facility will create a world-class customer experience from end to end, with open and efficient check-in and security processing areas; more inviting gate areas with increased seating and access to modern amenities; and greater ability for airline operations to quickly adapt to and incorporate rapidly evolving new technologies. The project will also reimagine the workspace of American's 7,300-plus team members at LAX. Collaborative and open spaces will be designed to meet modern needs, with renovated break rooms; multi-use small and large meeting rooms; and team gathering spaces incorporated throughout the terminals. Construction is now underway to re-configure the Terminal 5 ticket lobby, allowing for the buildout of the Landside Access Modernization Project (LAMP) Core, a new facility being built in between Terminals 4 and 5 that will provide vertical circulation (elevators, escalators and stairs) for passengers arriving from the new Automated People Mover (APM) train system. From there, the project will continue in a carefully planned, phased approach that will move from curbside to gate areas. In total, the project is expected to generate more than 6,000 jobs with more than 30% dedicated to local labor and 20% for minority- and women-owned business participation.

Greybull Capital LLP to become the majority shareholder in Monarch Aircraft Engineering (MAEL)



Photo: Monarch Aircraft Engineering

Monarch Aircraft Engineering (MAEL), a leading aircraft MRO provider, has agreed the terms of the company's new ownership structure, with Greybull Capital LLP becoming the majority shareholder. As the restructuring progresses, MAEL's lenders, PNC, will continue to provide facilities and support, and many of the operator's key customers are also looking to support the business. In the last year MAEL's geographical footprint increased with the opening of a new component maintenance facility in Northampton which created more than 100 new jobs, taking the workforce to over 800 staff. MAEL additionally doubled the size of its industry-renowned apprenticeship scheme. MAEL is a leading independent aircraft maintenance company with a skilled and experienced management team which has strengthened the company's customer base through new contracts with a number of leading airlines. MAEL's Luton and Birmingham, U.K., facilities have current contracted work which extends throughout 2019. MAEL was spun off as an independent company following the collapse of Monarch Airlines in October a year ago. MAEL's clients include among others Thomas Cook, Virgin Atlantic and Wizz Air.

OTHER NEWS

Ryanair has chosen **OmniServ** as its new handler at **London Stansted Airport** following an extensive tendering process. From February 1, 2019, OmniServ (operating as **Blue Handling**) will provide all of Ryanair's check-in, baggage and ground-operations handling at Stansted, Ryanair's largest base, with over 40 based aircraft and more than 200 daily departures. OmniServ will replace **Swissport** at Stansted, who will continue to handle Ryanair's operations at over 40 other airports across the UK and Europe. All current Swissport staff at Stansted will

be offered contracts with OmniServ from February 1, in order to minimize disruptions.

MTU Maintenance, a global leader in customized solutions for aero engines, has launched Technical Asset Management Services (TAMS) for asset owners. This range of services covers comprehensive technical consulting and fleet management, transitions management and housekeeping support for aircraft engines. "We are delighted to be launching TAMS, our new, intelligent and customized service, as a response to market demands and to complement our existing services," says Martin Friis-Petersen,

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OTHER NEWS

Managing Director **MTU Maintenance Lease Services B.V.** “As an MRO provider, asset manager and lessor, we are in a unique position to understand the individual requirements of operators and asset owners, mitigate risk and optimize residual value.” This includes workscooping, shop visit management, engine exchanges and assistance with engine lease returns, as well as engine record reviews. “Asset owners benefit from the comprehensive engine know-how within the MTU Maintenance network paired with the expertise we have gained as an engine lessor,” Friis-Petersen adds. MTU Maintenance Lease Services’ (MLS) has a team of around 50 experts, who support over 160 transitions per year with a growing pool of engines for lease and sale. The MLS team also draws on the first class, in-house resources of MTU Maintenance, an MRO provider with nearly 40 years’ technical expertise, a worldwide network and MRO specialists on hand to perform physical inspections and in-situ repairs. TAMS is highly customized and can be integrated into further services as and when desired. Additionally, TAMS is supported by industry-leading software that enables the complete digitization of documents, traceability of parts and, through a cloud-based platform, ease of access to up-to-date information for all parties involved.

Component Control has announced the successful “go live” status of **Barfield**. Barfield is a wholly owned subsidiary of **Air France Industries KLM Engineering & Maintenance (AFI KLM E&M)** and a leader in repair overhaul and support. Barfield has several locations including Miami, Tempe and Louisville that are now live on the Quantum Control ERP/MRO software. “We chose Quantum because of the overall product capabilities, aviation knowledge, flexibility, reliability and process support for our MRO business,” said Didier Astic, Vice President of Supply Chain & Asset Management at Barfield.

INDUSTRY PEOPLE

- Washington, D.C.-based ACI Aviation Consulting (ACI) and Airliner Price Guide (APG) are expanding their leadership team with the addition of a new Director of Valuations, **Andy Krantz**, and the promotion of Matt Stripp to Director of Analytics. Andy Krantz joins ACI as to provide clients with critical business aviation expertise. Krantz will oversee valuations and support ACI’s leadership across company operations. Krantz is an Accredited

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Senior Appraiser (ASA) with the American Society of Appraisers and earned his Bachelor’s degree from Illinois State University. As ACI’s Director of Analytics, **Matt Stripp** will not only play an integral role in supporting the increasing client base and growing assignment workload, but also in the continued expansion of ACI’s big data analytics and forecast modeling. Prior to joining ACI, Stripp attended Florida State University where he earned a Bachelor of Science degree in Business, specializing in Finance.



Frank Boni

services, sales and operations. Boni will be responsible for sales of the company’s MRO services worldwide for the Group. He will also work closely with AJW’s leadership, commercial, technical and business improvement teams to develop the maintenance and repair capabilities of AJW Technique, its state-of-the-art MRO facility in Montreal.

- AJW Group has appointed **Frank Boni** as Vice President of MRO Sales. Boni, who joins AJW on November 1, 2018, has over 25 years’ experience in the aviation industry with substantial expertise in MRO



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	ORIX Aviation	V2522-A5	1604	2001	Q1/2019	Sale	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A319-100	ORIX Aviation	V2522-A5	1445	2001	Q4/2019	Sale	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	ORIX Aviation	V2527-A5	4603	2011	Q1/2020	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	Castlelake	V2527-A5	2161	2003	Q1/2019	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
A321-200	Castlelake	V2533-A5	3274	2007	Q4/2019	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
A321-231	Aircraft Recycling Intern.	V2533-A5	3241	2007	Q4/2019	Lease	Gabrielle Du	gabrielle.du@ariaero.com	+852 37537347
A321-231	Aircraft Recycling Intern.	V2533-A5	3251	2007	Q4/2019	Lease	Gabrielle Du	gabrielle.du@ariaero.com	+852 37537347
A330-200	Castlelake	CF6-80E1A4	473	2002	Q4/2019	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
A330-200	Castlelake	CF6-80E1A4	489	2003	Q4/2020	Lease	Michael Hackett	Michael.hackett@castlelake.com	+44 20 7190 6120
B737-5H6	Bristol Associates	CFM56-3C1	26445	1992	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B737-800	ORIX Aviation	CFM56-7B24E	40317	2012	Q4/2019	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ORIX Aviation	CFM56-7B26/3	29660	2007	Q1/2020	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	Willis Lease				soon	Sale / Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
B737-800					soon	Sale / Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
B747-400	Bristol Associates		28812	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B747-400	Bristol Associates		30023	2000	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-223 (7x)	Jetran	RB211-535E4B	various	91/92	Now	Lease	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471

Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
ATR72-500F	Castlelake	PW100-127F	0585	1999	Now	Sale	Michael Hackett	Michael.hackett@castlelake.com	+442071906120
CRJ-200LR	Regional One	CF34-3B1	7369	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
CRJ-700	Regional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
CRJ-900LR	Regional One	CF34-8C5	15111	2007	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
DASH8-311	Regional One	PW123B	325	1992	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
Do328-100	Jetran	PW119B	3049	1996	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
Do328-110	Jetran	PW119B	3024	1994	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
Do328-110	Jetran	PW119B	3034	1995	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
ERJ-170LR	AerFin	CF34-8E	1700123		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-145LR	Regional One	AE3007A1	145304	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
ERJ-145LR	Regional One	AE3007A1	145331	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
SF340B	C&L Aviation Group	CT7-9B	194	1990	Now	Sale / Lease	Fred Dibble	fred.d@cla.aero	+1 207-217-6128
SF340B+	C&L Aviation Group	CT7-9B	425	1997	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-217-6259
Saab 340B+	C&L Aviation Group	CT7-9B	368	1994	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-217-6259
SF340A Cargo	C&L Aviation Group	CT7-5A	046	1986	Now	Sale	Fred Dibble	fred.d@cla.aero	+1 207-217-6128

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THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines

Multiple Types	Sale / Lease	Company	Contact	Email	Phone
Multiple Engines GE / CFM / RB211	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
AE3007 Engines					
(3) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
(1) AE3007A1	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
CF34 Engines					
CF34-8E5	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
CF34-10E	Now - Lease				
CF34-8C	Now - Lease				
CF34-3B1	Now - Lease				
CF34-3A	Now - Sale / Lease				
(2) CF34-8C5B1	Now - Sale / Lease	Regional One	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
(1) CF34-3B1	Now - Sale / Lease				
(2) CF34-10E7	Now - Sale/Lease/Exch.	Werner Aero	Cliff Topham	ctopham@werner aero.com	+1-703-402-7430
(1) CF34-8E5	Now - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 7930463293
(1) CF34-10E7	Now - Sale / Exchange	Willis Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
(1) CF34-8E5A1	Oct 18 - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204x202
(1) CF34-10E5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CF34-10E6	Now - Lease				
(1) CF34-10E7	Now - Lease				
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
CF6 Engines					
(1) CF6-80C2A2	Oct 18 - Sale / Lease	Castelake	Stuart MacGregor	stuart.macgregor@castelake.com	+442071906138
(1) CF6-80C2A2	Dec 18 - Sale / Lease				
(1) CF6-80C2B7F	Now - Sale	Willis Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
CFM Engines					
(1) CFM56-7B26/E	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-7B27	Now - Lease				
(1) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(1) CFM56-7B26	Soon - Lease		Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(1) CFM56-3C1	Soon - Lease		Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(1) CFM56-3B1	Soon - Sale/Lease/Exch.		David Desaulniers	leasing@willislease.com	+1 415 516 4837
(1) CFM56-5A	Now - Sale		Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
(1) CFM56-5B6/2P	Now - Sale		Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
(1) CFM56-7B24/3	Soon - Sale/Lease/Exch.		Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
(1) CFM56-7B27	Now - Sale / Exchange		Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775



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THE AIRCRAFT AND ENGINE MARKETPLACE
Commerical Engines (cont.)

(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-5B	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werner aero.com	+1-703-402-7430
(1) CFM56-7B	Now - Sale/Lease/Exch.				
(1) CFM56-5B3/P	Dec 18 - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) CFM56-7B26	Jan 19 - Sale / Lease				
CT7 Engines	Sale / Lease	Company	Contact	Email	Phone
CT7-9B	Sale	C&L Aviation Group	Martin Cooper	martin.c@cla.aero	+1 207-217-6106
JT8D and JT9D Engines	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-217C	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GEEx Engines	Sale / Lease	Company	Contact	Email	Phone
(1) GEEx	Soon - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(1) LEAP-1A33	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(2) LEAP-1B28	Soon - Lease				
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW121	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW123B/D/E	Now - Sale / Lease				
(1) PW124B	Now - Sale / Lease				
(1) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Now - Sale / Lease				
(1) PW121	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 415 516 4837
(1) PW124B	Now - Sale/Lease/Exch.				
(2) PW123	Now - Sale/Lease/Exch.				
(1) PW127	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW120A	Now - Sale / Lease	Regional One	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
(1) PW120	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW123E	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(4) PW126	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW121	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
PW119B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW119B	Now - Lease				
PW120A	Now - Lease				
PW121 (ATR)	Now - Lease				
PW124B	Now - Lease				
PW123B	Now - Lease				
PW125B	Now - Lease				
PW127F	Now - Lease				
PW150A	Now - Lease				
PW127M	Now - Lease				
PW150A RGB	Now - Lease				
PW127	Sale	C&L Aviation Group	Martin Cooper	martin.c@cla.aero	+1 207-217-6106
(1) PW124B	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jcMorin@logix.aero	+33.6.4782.4262
(2) PW127E/F			Remi Kryz	rkryz@logix.aero	+33.6.2079.1039
(4) PW127M					
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610

THE AIRCRAFT AND ENGINE MARKETPLACE

Commerical Engines (cont.)

(1) PW4056-3	Now - Sale/Lease	Jet Midwest	Kevin Lee	engines@jetmidwest.com	+1-310-652-0296
(1) PW4168	Soon - Sale	Willis Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-535	Now - Sale / Lease	Jet Midwest	Dave Williams	dave.williams@jetmidwest.com	+1-817-791-4930
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(2) Trent 892	Now - Sale / Lease	TrueAero, LLC.	Matt Parker	mparker@trueaero.com	+1 469-607-6110
(4) Trent 556	Now - Sale / Lease				
(1) Trent 772B	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) V2533-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
(1) V2533-A5	Now - Sale / Exchange	Willis Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
(1) V2533-A5	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werneraero.com	+1-703-402-7430

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(1) A320-200 Landing Gear	Now - Sale/Lease/Exch.	TrueAero, LLC	Matt Parker	mparker@trueaero.com	+1 469-607-6110
A340-300/A330 Landing Gear	Now - Sale/Lease/Exch.				
A340-600 Landing Gear	Now - Sale/Lease/Exch.				
B777-200 Landing Gear	Now - Sale/Lease/Exch.				
Trent5562 Inlet Cowls & Fan Cowls	Now - Sale/Lease/Exch.				
Trent892 Inlet Cowls and Fan Cowls	Now - Sale/Lease/Exch.				
V2500-A5 Inlet Cowls & Fan Cowls	Now - Sale/Lease/Exch.				
CF6-80E Trust Reversers, Inlets & Fan Cowls	Now - Sale/Lease/Exch.				
(1) GTC331-500B	Now - Sale/Lease/Exch.				
767-300ER 413K, 737-300 LANDING GEAR	Now - Sale/Lease/Exch.	AZURE RESOURCES INC.	Jeff Young	jeff@azures.com	1-954-249-7935
GTC331-300A, GTC331-98DHF APU	Now - Sale/Lease/Exch.				
A320 Nose Landing Gear	Now - Sale/Lease/Exch.				
CFM56-3 LPT MODULE, REPAIRED	Now - Sale/Lease/Exch.				
CFM56-3 ENGINE STAND	Now - Lease				
(1) GTC331-150RJ, (2) GTC331-100M,	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) RE220RJ, (1) PW126 RGB, (1) PW901A					
(1) APS1000-C12, (1) APS1000-C3					
GTC331-9A (2), GTC331-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTC331-200, GTC331-250	Now - Lease				
APS500C14(3), APS1000C12(2), APS2000	Now - Lease				
APS2300, APS3200(2), APS5000(2)	Now - Lease				
PW901A(4), PW901C(2)	Now - Sale / Lease				
TSCP700-4E	Now - Sale				
(1) PW901A APU	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)141 389 3014
(multiple) APS2300, (1) GTC331-350C	Now - Sale / Lease	AirFin	Nick Filce	Nick.Filce@aerfin.com	+44 7770 618 791
(1) GTC331-300A, (1) GTC331-9A					
GTC331-9A, GTC331-9B, GTC331-350C	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jcMorin@logix.aero	+33.6.4782.4262
GTC331-500B, GTC331-200/250,			Rich Lewsley	rlsley@logix.aero	+44.79.0021.8657
APS3200, APS2300, GTC331-129H					
APU GTC331-500	Soon - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
Engine stands now available	Now - Lease				
ENGINE STANDS: Trent 800, PW4000 112"/V2500		National Aero Stands		support@stands.aero	+ 1 305-558-8973
/ CFM56/ PW2000 & Bootstrap kits					
GTC331-9A, GTC331-9B	Now - Sale / Lease	Werner Aero Services	Julien Levy	jlevy@Werneraero.com	+1 201-674-9999
737-800 Winglets	Now - Sale / Lease				
737-700 & 737-800 Landing Gear	Now - Sale / Lease				
(3) APS 2300	Now - Sale/Lease/Exch.		Mike Cazaz	mike@werneraero.com	+1 201-661-6804
767-300 Winglets, LH-RH P/N 767-0010-5, -6, -7 & -8, SV- Now Sale		Reliance Aircraft	Terry Hix	thix@relianceaircraft.com	+1 512-439-6988
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368