

# Weekly Aviation Headline News

## WORLD NEWS

### Iberia goes live with Accelya revenue management

Accelya announced that Iberia, has chosen Accelya's Revenue Management and Data Visualisation (airRM) to drive optimised pricing decisions and enhanced market responsiveness. airRM is providing Iberia with an alternative approach to traditional forecasting methods. It easily ingests new data sources and provides increased analyst flexibility supporting airlines to better react to volatile market conditions. Using airRM's new automation functionality and aggregated dashboard views, Iberia saw an increase in productivity within the first month of operation.

### South African resumes services to Lagos, Nigeria

From mid-December, SAA will add another important continental route to its network with a three-times a week flight to Lagos in Nigeria. SAA has been flying to Nigeria for the past 23 years and the resumption of the service is a welcome addition to its growing continental offering. The Johannesburg-Lagos flight begins on 12 December 2021. The airline says the service is part of SAA's gradual growth strategy, having resumed full operations in September.

### Lynx Air becomes Canada's newest airline

Lynx Air announced its arrival as Canada's newest ultra-affordable airline. Lynx will adopt the ultra-low-cost carrier model and has selected Calgary as its headquarters and plans to announce routes and schedules soon. Lynx will operate a fleet of Boeing's newest 737 aircraft, featuring leading-edge fuel-efficient technology.



Qatar Airways welcomed the first 777-9 to Doha.

Photo: Qatar Airways

## Triple-sevens steal the show

With next gen and freighter capabilities

Boeing's prized 777 aircraft was the clear showstopper at last week's Dubai Airshow. The latest 777-9 made its debut international appearance after a nearly 15-hour nonstop flight from Seattle's Boeing Field to Dubai, the first international flight and longest flight to date for the 777X as it continues to undergo a rigorous test programme.

The 777X family has a total of 351 orders and commitments from eight operators and the first delivery of the aircraft is expected in late 2023.

During the show, Emirates also took the opportunity to announce an order for two 777 Freighters. They will join a fleet of 10 777Fs already operating with Emirates

SkyCargo. The value of the order is listed at around \$704 million. Boeing says today's 777 Freighter is the world's largest and most capable twin-engine freighter, with the lowest trip cost and highest reliability of any large

be converted at the new site established in Etihad Engineering's MRO centre in Abu Dhabi, and the first conversion of the Emirates plane is expected to begin in early 2023. The agreement has potential to provide passenger-to-freighter conversion services to more aircraft.

Whilst in the region, Qatar Airways used the opportunity to showcase its role as a global launch customer for the latest generation 777-9. A host of VIP

guests joined Qatar Airways Group Chief Executive, His Excellency Mr. Akbar Al Baker, to share in the arrival of the aircraft. Akbar Al Baker said: "We are tremendously proud to be a global launch

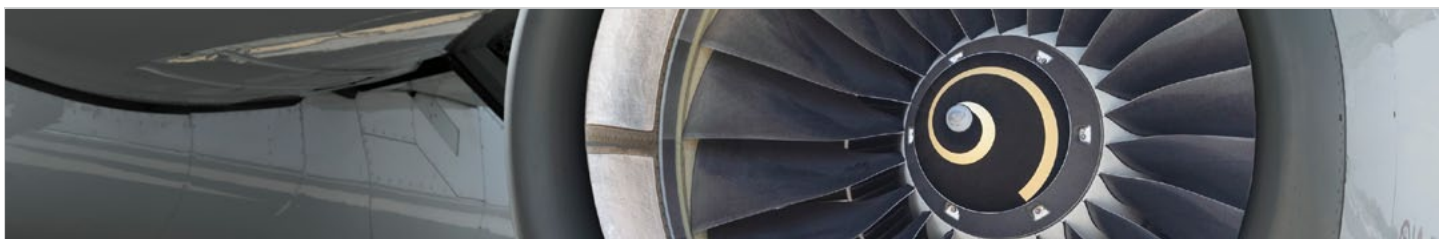
**"We are tremendously proud to be a global launch customer for this industry-leading product."**

*Akbar Al Baker, Qatar Airways Group Chief Executive*

freighter. It is the company's best-selling production freighter having sold 105 since 2018.

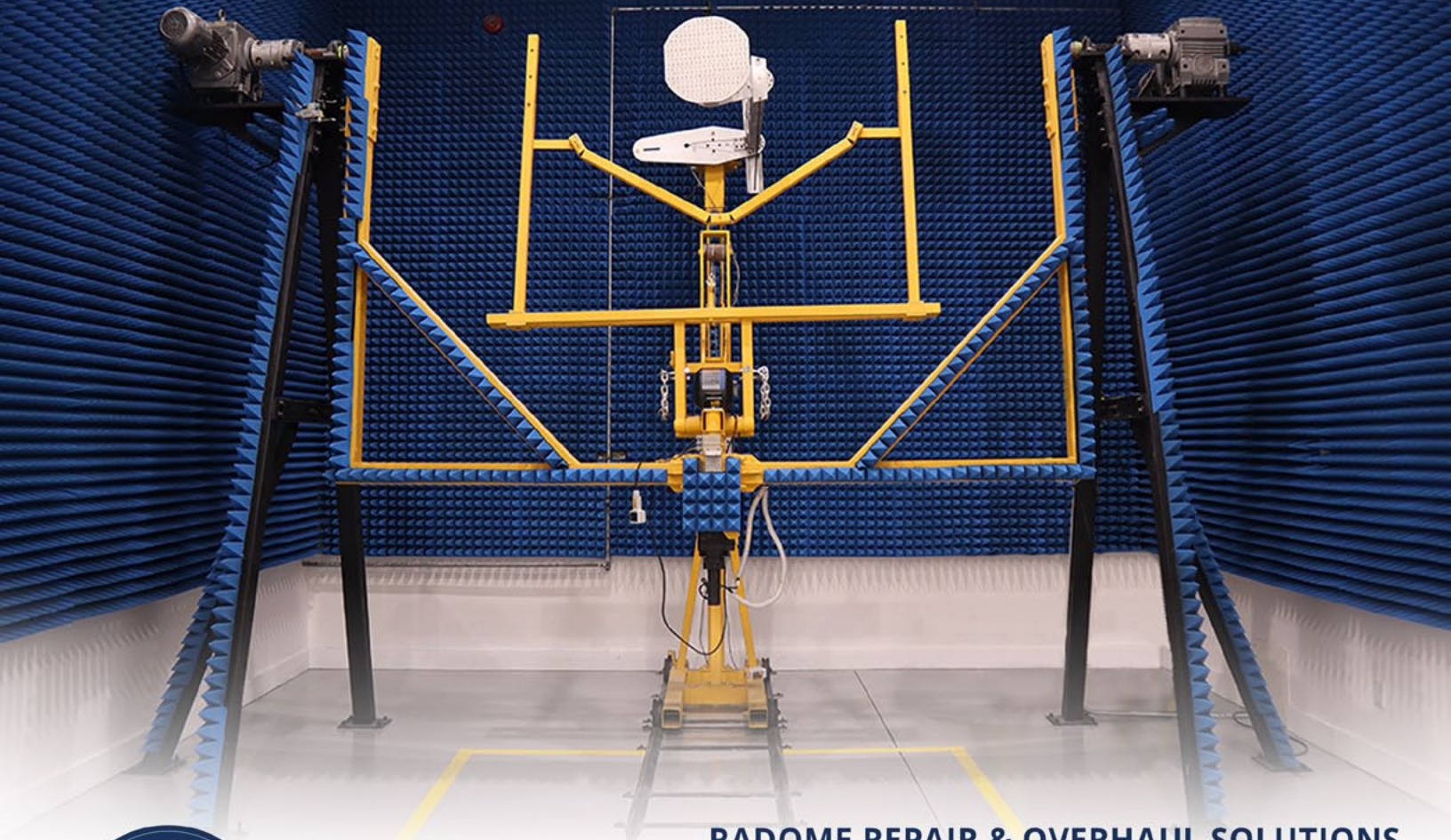
In addition, IAI will convert four B777-300ER passenger aircraft to cargo configuration for Emirates. According to IAI, the aircraft will

*Continued on page 3*





# CAPABILITY



## **RADOME REPAIR & OVERHAUL SOLUTIONS**

GA Telesis Composite Repair Group has full in-house radome capabilities.

- State-Of-The-Art Transmissivity Testing
- Engineering Driven Solutions
- Two Autoclaves
- Dedicated Inventory Pools
- Attention to Detail
- Logistic Solutions

Platforms Supported: A300, A320, A330, A340, 737NG, 737 Classic, 747, 757, 767, 777, CRJ200, CRJ700/900, E170, E190, ERJ135/145, ERJ190, MD11

EMAIL: [MROsales@gatelesis.com](mailto:MROsales@gatelesis.com)





...continued from page 1

customer for this industry-leading product, and to be able to showcase our commitment towards continuing to support our thriving global network with a fleet that includes the youngest, most technologically-advanced and efficient twin-engine aircraft in the world.

"It was back in 2013 that Qatar Airways Group initially announced its planned investment in Boeing's latest generation aircraft.

"After visiting the Boeing factory in Everett, Washington in September 2018, we had the opportunity to view the 777-9 up close in

person, but today marks the first chance for the airline and our esteemed VIP guests to witness our significant commitment to this incredible aircraft here in Qatar as it arrives for the first time."

## AIRCRAFT & ENGINE NEWS

### ATR finalises multiple aircraft deals at 2021 Dubai Airshow

At the Dubai Airshow ATR, the regional aircraft manufacturer, has signed a Letter of Intent (LoI) with Toki Air, a new regional commercial airline from Japan that will operate out of Niigata Airport. The cooperation with ATR will help Toki Air to achieve its higher purpose of revitalising the city of Niigata, by increasing mobility within and between surrounding regions. Through this LoI, ATR and Toki Air are engaging in consultations to add the ATR 42 aircraft to the airline's fleet and to introduce the ATR 42-600S variant – for STOL (short take-off and landing). This new version of the ATR 42-600, currently under development, will offer take-off and landing capabilities on runways as short as 800 metres with 40 passengers on board under standard flight conditions. First deliveries are expected for the beginning of 2025.

ATR has finalised the sale of three ATR 72-600 aircraft to Central African airline Afrijet which will use the aircraft to replace part of its ATR 72-500 fleet. From the second aircraft onwards, these ATR 72-600s will be equipped with the latest-generation P&WC engine, the PW127XT-M, which delivers increased efficiency and burns less fuel. The deal is further proof of the ATR 72-600's effectiveness at growing regional routes and networks, thanks to its cost-effective operation. Afrijet initially started with pre-owned ATR aircraft and then moved to a leased ATR 72-600 in 2020. This direct acquisition of brand-new aircraft will increase the ATR 72-600 fleet size to four, allowing the opening of new routes and increasing frequency.

Air Corsica and ATR have signed a firm order for five new ATR 72-600 aircraft to be powered by the new Pratt & Whitney Canada engine, the PW127XT. Deliveries will start by November 2022. The order means a full upgrade of Air Corsica's ATR 72 fleet. Thanks to its state-of-the-art turboprop engines, the Corsican airline will be able to optimise its operations, with increased capacity and reduced operating costs and contribute to the development of more responsible aviation.

### Romanian carrier TAROM continues to choose ATR for fleet modernisation



TAROM to order three ATR 72-600 aircraft

Photo: ATR

TAROM has signed a firm order to acquire three ATR 72-600 aircraft as part of a continuation of its fleet modernisation which began in 2019. The deal will also see the airline upscale its ATR 42-500 fleet to the larger 72-seat ATR 72-600 aircraft, offering more capacity and welcoming passengers into the comfort of the latest generation ATR Armonia cabin. TAROM Chief Executive Officer Catalin Prunariu said: "Having been an ATR pilot, I have witnessed first-hand, the importance of the connectivity that they provide. They are an essential link to communities all over Romania. As a CEO, I also see the value of their efficiency and flexibility. When we began to modernise our fleet, it made perfect sense to choose the ATR and as this mission continues while the world looks to recover from the challenging backdrop of the global pandemic, airlines need to have the most efficient aircraft possible. We are sure that ATR is the right choice; now and for the future.

### Rolls-Royce provides Silk Way West Airlines with replacement RB211 engines



Contract signing between Rolls-Royce and Silk Way West Airlines  
Photo: Roll-Royce

Rolls-Royce has signed an agreement with Silk Way West Airlines to provide replacement engines for five of its RB211-524-powered Boeing 747-400F aircraft that will support its operations until 2026. The agreement will provide the cargo airline with a minimum of 20,000 flight cycles of engine life for the next five years and provides them with a cost-effective solution for maintaining the fleet at its current level of operability.

Rolls-Royce has been delivering services to Silk Way West Airlines since 2017 and will continue to work closely with the carrier to support the maintenance of its B747-400F fleet.

# WE STAND WITH YOU

Count on Willis Lease, pioneering aviation solutions for over 40 years, to meet your engine stand requirements, too.

## CFM56-5B Engine Stands Available for Lease

**RENT A STAND FOR TWO MONTHS, GET THE NEXT MONTH FREE!\***

*\* Mention code EngineStandOffer when placing your order. Offer valid for 3-month consecutive term now through December 31 (one-time use only). Current stands on lease are not eligible for this offer.*

Contact Willis Lease today for full offer details.



**Willis Lease Finance Corporation**  
Power to Spare – Worldwide®

[leasing@willislease.com](mailto:leasing@willislease.com) | +1 860.501.3851 | [www.willislease.com](http://www.willislease.com)



## AIRCRAFT & ENGINE NEWS

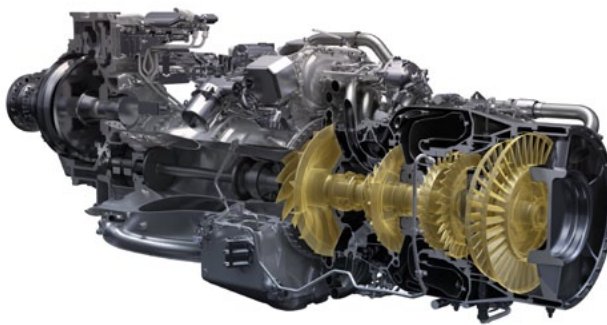
### ELF announces purchase and lease back of 25 Pratt & Whitney GTF™ engines

Engine Lease Finance Corporation (ELF) has reported the purchase and lease back of 25 Pratt & Whitney GTF™ engines. The agreement, completed in October 2021, includes engines for both the Airbus A220 and Airbus A320neo aircraft families. Included in the transaction is also an EngineWise® long-term maintenance agreement, in which the engines will join Pratt & Whitney's global MRO network. The acquisition represents a substantial investment by ELF in the latest technology aircraft engines, valued at more than US\$400 million (£298.5 million) for the engines and associated maintenance and further advances ELF's transition to the most modern fuel-efficient aircraft engines in the industry.

### Jazeera Airways commits to 28 new A320neo-family aircraft

Kuwait-based carrier Jazeera Airways and Airbus have signed an MoU for 20 A320neo and eight

### Pratt & Whitney Canada launches new PW127XT engine series



PW127XT engine

Photo: P&WC

Pratt & Whitney Canada, a business unit of Pratt & Whitney, has launched its new regional turboprop PW127XT engine series, designed with the latest materials and technologies to deliver the next level of efficiency, time-on-wing and service. The company celebrated the launch with ATR, with the PW127XT-M engine that is purpose-built to offer world-class reliability and increased value for ATR 42/72 aircraft. "Since its inception, ATR has exclusively turned to Pratt & Whitney to power its fleet of regional aircraft," said Maria Della Posta, President of Pratt & Whitney Canada. "We are pleased to launch this exciting new PW127XT-M engine with ATR. Optimised for the ATR 42/72 aircraft family, it will deliver a significant improvement in operating costs, extending the already impressive operating economics and sustainability of this regional turboprop. The PW127XT engine series builds upon the success of the PW127M engine. We have injected into this new PW127XT-M engine the knowledge gained from Pratt & Whitney's history of transformation and continuous innovation and more than 2.5 billion hours of operational expertise to provide a step change in performance and customer service that helps regional airline customers achieve their business goals," said Della Posta.

# THE MERCHANT FREIGHTER

Meeting Modern Air Cargo Needs

**321 PRECISION CONVERSIONS**  
A Precision Aircraft Solutions / ATSG Joint Venture

### DEDICATION MATTERS

- Global 24/7 customer AOG support network
- Over 137 Precision converted freighters in-work or in-service worldwide

### DESIGN MATTERS

- Up to 6 flight deck occupants (2 crew + 4 pax) with bag stowage
- Standalone main cargo door hydraulic system
- Clean, robust Telair cargo handling system
- No permanent ballast

### PERFORMANCE MATTERS

- 14 88x125" main deck positions
- Lowest operating empty weight (OEI)
- More standard revenue payload and less dead weight
- 61,071 available ton miles\*

\*assumes weight variant 000/no ACTs.

**FAA STC  
ST02716SE  
APPROVED**

**Telair**  
EQUIPPED

Contact us today for details and delivery schedules:

USA (336) 540-0400 Eastern Time Zone | [www.precisionaircraft.com](http://www.precisionaircraft.com) | [zachary.young@precisionaircraft.com](mailto:zachary.young@precisionaircraft.com)

## AIRCRAFT & ENGINE NEWS

A321neo aircraft. Jazeera Airways commenced operations in 2005 and has since emerged as a leading carrier in the Kuwaiti region. It operates regionally and internationally serving the Middle East, Europe and Asia's top destinations from its home base Kuwait. The Kuwaiti airline supports the country's 2035 vision for further economic expansion and transformation into a commercial hub. Marwan Boodai, Chairman Jazeera Airways said, "Jazeera Airways is pleased to extend its long-term relationship with Airbus further with this significant new order. We will effectively double our current fleet size to 35 aircraft by 2026. The airline has pulled out of the pandemic strongly in Q3 with a return to profitability. We have exciting expansion plans ahead, which will further boost our contribution to the Kuwait economy and in particular the travel sector."

### Cargojet Airways becomes launch customer for Mammoth Freighters 777-200LR

Mammoth Freighters (Mammoth) founded to develop, convert and support both models of the most productive and economical Boeing 777 long-range freighter, has announced that Canada's Cargojet will become the launch customer for its new 777-200LR freighter. Cargojet has signed a sales agreement for two 777-200LRMFs (long-range Mammoth Freighters), with additional options for two -300ERMFs (extended range) and two further-200LRMFs. The prototype (conformity) article for certification, MSN 29747, will undergo the conversion process in mid-2022 with delivery anticipated in the latter half of 2023. The 777-200LRMF is a fuel-efficient, heavy lifting, high-volume, long-range aircraft which will operate with clean, efficient and reliable GE90-110/115B engines, the arrival of which will complete the Cargojet fleet profile. Cargojet is one of Canada's leading provider of time-sensitive, premium air cargo services covering all major cities in North America, providing dedicated ACMI and International Charter services, carrying in excess of 25,000,000 pounds of cargo on a weekly basis using its own fleet of thirty-one aircraft.

### Nigerian Ibom Air purchases ten Airbus A220 aircraft

The Akwa Ibom state government-owned airline in Nigeria, Ibom Air has signed a firm order for ten Airbus A220s at the Dubai Airshow. Nigeria, with the largest population in Africa and the largest GDP, offers substantial growth potential in both domestic and regional travel. The A220 is therefore the ideal choice for a full range of services from very-short-haul segments to intra-continental air routes. Ibom Air currently operates two A220s. The airline

### ALC orders 111 Airbus aircraft – launches sustainability fund



ALC has ordered 111 Airbus aircraft at the Dubai Airshow

Photo: Airbus

Air Lease Corporation (ALC) has signed a Letter of Intent (LoI) covering all Airbus jet families, highlighting the power of the company's full product range. The agreement is for 25 A220-300s, 55 A321neos, 20 A321XLRs, four A330neos and includes seven A350Fs. The order which will be finalised in the coming months, making Los Angeles-based ALC one of Airbus' largest customers and a lessor with the biggest A220 order book. Founded in 2010, ALC has ordered a total of 496 Airbus aircraft to date. With this order ALC and Airbus are launching a multi-million-dollar ESG fund initiative that will contribute towards investment into sustainable aviation development projects that will, in the future, be opened to multiple stakeholders from the aircraft leasing and financing community and beyond. "With this major order, we underscore our confidence not only in the strong future and growth of global commercial air transport, but in ALC's business model, in our specific aircraft purchase decisions including, for the first time, the new A350 Freighter and finally, in our long-term view, that ordering new aircraft is an optimum investment of our shareholder capital," said John Plueger, Air Lease Corporation CEO and President. "Moreover, we and Airbus hereby announce the first-ever joint ESG initiative in aircraft procurement by creating a multi-million-dollar fund for sustainable aviation development projects critical to the future".

### DHL places its largest-ever order for nine Boeing 767-300BCFs



Photo: Boeing and DHL Express signed an agreement for nine firm orders for the 767-300 BCF

DHL Express (DHL) has announced from the Dubai Air Show that it has placed an order for nine 767-300 Boeing Converted Freighters (BCFs), it's largest order to date for the aircraft type. The acquisition will help expand DHL's long-haul intercontinental fleet respond to increased global demand for cargo capacity. DHL has already taken delivery of seven of a batch of eight 767-300BCFs that have been leased to DHL partner airlines in the Middle East and Latin America in support of its expanding regional networks. The 767-300BCF is the most efficient medium wide-body converted freighter and can carry up to 51.6 tonnes (113,900 pounds) up to 6,190 kilometres (3,845 nautical miles).



## AIRCRAFT & ENGINE NEWS

flies to Uyo, Abuja, Calabar, Enugu, Lagos, and Port Harcourt. The purchase of the new A220s will enable the airline to continue on its growth path, offering new routes across not just Nigeria, but to the west African region and throughout Africa at large.

### Akasa Air orders 72 Boeing 737 MAX airplanes

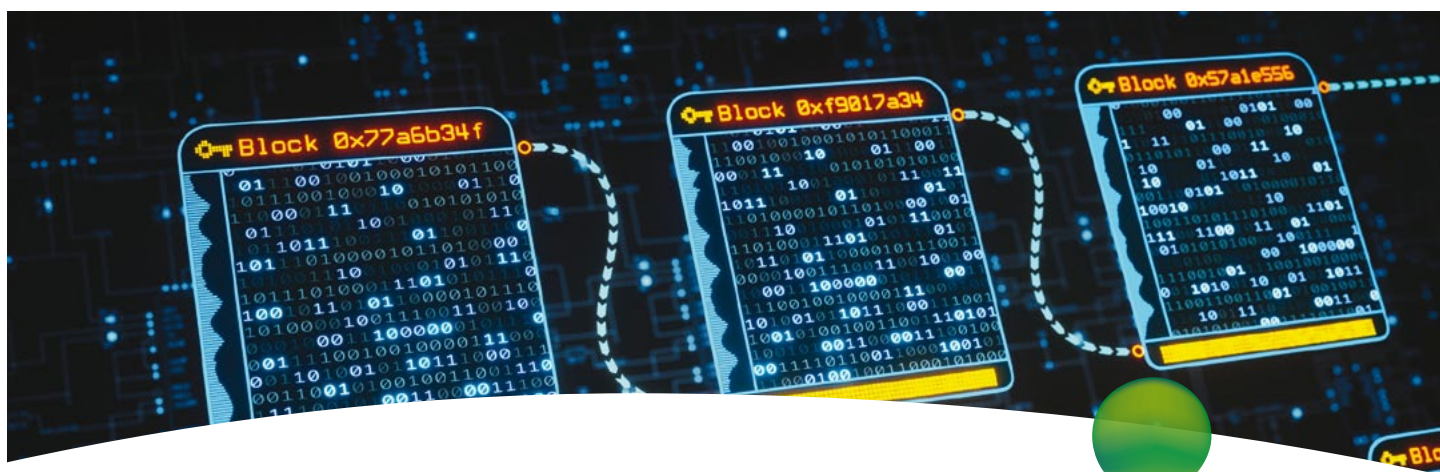
New Indian carrier Akasa Air, a brand of SNV Aviation, has ordered 72 Boeing 737 MAX airplanes to build its fleet. Valued at nearly US\$9 billion at list prices, the order is a key endorsement of the 737 family's capability to serve the rapidly growing Indian market. Akasa Air's order includes two variants of the 737 MAX family, the 737-8 and the high-capacity 737-8-200. Providing the lowest seat-mile costs for a single-aisle airplane as well as high dispatch reliability and an enhanced passenger experience, the 737 MAX will ensure Akasa Air has a competitive edge in its dynamic home market.

### Overland Airways and Embraer sign order for up to six E175 aircraft



Embraer and Overland Airways have signed a firm order for three new E175 aircraft, plus three purchase rights  
Photo: Embraer

Embraer and Overland Airways from Nigeria have signed a firm order for three new E175 aircraft, plus three purchase rights for the same aircraft model, at the Dubai Airshow. The 88-seat aircraft, with premium-class cabin configuration, will be delivered from 2023. The deal is worth US\$ 299.4 million at list price with all purchase rights being exercised. These aircraft will increase domestic flight numbers and allow expansion of further regional routes. Overland Airways' President and CEO Capt. Edward Boyo said, "We are confident that this is the right moment to invest, as regional aviation is on an optimistic post-pandemic recovery. Our customers will really enjoy all comfort in the E175 aircraft, and we appreciate our partnership with Embraer."



## LEARN HOW TO REDUCE SUPPLY CHAIN INCONSISTENCIES THROUGH BLOCKCHAIN

There is no single method to track and secure hundreds of millions of MRO Supply Chain records and transactions, increasing both risk and cost. And if there is any inconsistency between stakeholder systems, the risk of data overlap increases – as does cost.

Airlines face some of the most complex issues related to aircraft asset movement, from a lack of digital records to supply chain difficulties, system inconsistencies, and burdensome costs. Here at SITA, we believe that blockchain will be vital to solving these challenges.

Read our whitepaper here:

[www.sita.aero/mroblockchain](http://www.sita.aero/mroblockchain)

**SITA**

## AIRCRAFT & ENGINE NEWS

### Boeing signs purchase agreements with Emirates, Air Tanzania and Sky One FZE



The United Republic of Tanzania has ordered one 787-8 Dreamliner, one 767-300 Freighter and two 737 MAX jets Photo: Boeing

Boeing has signed multiple new purchase agreements with various airlines, including Emirates which has signed an order for two 777 freighters at the 2021 Dubai Airshow, expanding the future capability of one of the world's largest cargo airlines at a time of significant global demand for air freight. The freighters will be operated by Emirates SkyCargo, which currently operates an all-Boeing fleet of ten 777 freighters and also carries cargo on Emirates' 134 777 passenger airplanes.

The United Republic of Tanzania has ordered one 787-8 Dreamliner, one 767-300 Freighter and two 737 MAX jets at the Dubai Airshow. The airplanes will be operated by Air Tanzania, the national flag-carrier of Tanzania, to expand service from the country to new markets across Africa, Asia and Europe.

Boeing's wholly owned subsidiary Boeing Capital Corporation and Sky One FZE have signed a sales agreement for three 777-300 airplanes.

Terms of the agreement were not disclosed. Sky One FZE is a privately held aircraft leasing company based in the United Arab Emirates. Sky One FZE has a diverse business portfolio, namely dry and wet leasing, maintenance, repair and overhaul services, pilot training, operations, Air Operator's Certificate management as well as spares and logistics. The firm has a strong focus on growing airlines in Africa, the Commonwealth of Independent States and India.

### Diehl and Thales join Airbus to develop flight control computers for CityAirbus NextGen

Airbus has signed a trilateral agreement with Thales and Diehl Aerospace for the joint development of the flight control computers of CityAirbus NextGen. The central flight control system of CityAirbus NextGen, the electric vertical take-off and landing vehicle (eVTOL) being developed by Airbus, will combine extraordinary computing power with lightweight design and highest safety standards. Diehl and Thales are joining Airbus in investing into the emerging eVTOL market. Both partners are developing their own system that will be integrated into a dissimilar architecture to comply with the new EASA regulation for eVTOL. This architecture is essential to ensuring the redundancy of the computers and the vehicle's safety. The developments will be supported with public funding from the German and French governments, respectively. Thales is responsible for the primary computing system, while Diehl is developing the secondary flight control computer. The system ensures that the second, independent flight control computer monitors the data of the primary computer system permanently, and it can also take over the flight control itself.



CityAirbus NextGen

Photo: Airbus



## AIRCRAFT & ENGINE NEWS

### Fraundorfer Aeronautics debuts newly developed “Tensor 600X” at European Rotors

Fraundorfer Aeronautics has unveiled its new Tensor 600X gyrocopter at European Rotors in Cologne. With a maximum cruising speed of 200 kph, the aircraft also has a range of 600 kilometres and is destined as a solution for personal mobility. Compared to a traditional helicopter, the TENSOR 600X is roughly twice as efficient owing to its “Fraundorfer R01 High Performance” rotor system – a new generation of autorotation rotors. In addition, the new design has helped to achieve outstanding performance, stability and safety values, while enabling the aircraft operate in locations and conditions unsuited to other aircraft types. Capable of taking off almost vertically it is very economical to operate. Where improved safety is concerned, the Tensor 600X does not experience stalls or spins. Even in critical weather conditions, the Tensor can fly safely. Where a single-engine aircraft would normally require 5,000 metres of visibility and a minimum safe altitude of 600 metres; the Tensor requires only 800 metres of visibility and 150 metres of minimum safe altitude. This results in its ability to fly in 85% of all weather conditions.



Photo: Fraundorfer Aeronautics debuts newly developed “Tensor 600X” at European Rotors

In addition, Fraundorfer Aeronautics offers compact pilot training. Using modern training methods, simulator training and courses in blocks, the pilot’s license can be obtained after a total of four weeks of training. Furthermore, the company’s “Pilot-to-Pilot Guidance” offers its customers comprehensive support in all flying-related matters. “When we founded Fraundorfer Aeronautics, we wanted not only to bring the beauty and efficiency of flight into everyone’s daily lives, but also, and more importantly, to enable environmental and disaster relief missions that were previously infeasible,” says Christoph Fraundorfer, founder and CEO of Fraundorfer Aeronautics. “We have been performing unsolved, highly complex aerodynamic calculations for decades. After seven years of risks and challenges, we’ve made a breakthrough.”

### US\$33 billion boost for Airbus as Indigo Partners order further 255 Airbus A321 in Dubai



A321neo family Indigo Partners

Photo: Airbus

Phoenix, Arizona-based Indigo Partners has placed an order for 255 new Airbus A321 jets which, at list price, is valued at US\$33 billion (£24.6 billion). The agreement was signed on Sunday, November 14, at the Dubai Airshow 2021. The private equity firm, which has controlling interests in America’s Frontier Airlines, JetSmart, Volaris and European low-cost carrier Wizz Air, has now placed orders for 1,145 Airbus A320-family aircraft. This latest order includes 102 aircraft for Wizz Air, 91 for Frontier Airlines and 39 aircraft for Volaris. In addition, Volaris and JetSmart will be up-converting previous orders for 38 A320neos to the A321 variant. “This order reaffirms our portfolio airlines’ commitment to consistent growth through the next decade. The Airbus A321neo and A321XLR have industry-leading efficiency, low-unit costs and a substantially reduced carbon footprint relative to prior models. With these aircraft, Wizz, Frontier, Volaris and JetSmart will continue to offer low fares, stimulate the markets they serve and improve their industry-leading sustainability profile,” said Bill Franke, Managing Partner of Indigo Partners.

## AIRCRAFT & ENGINE NEWS

### Akasa Air signs purchase and services agreement for CFM's fuel-efficient, LEAP-1B engines

Akasa Air, India's newest airline, has announced the purchase of CFM LEAP-1B engines to power its recently ordered Boeing 737 MAX airplanes. The agreement, which also includes spare engines and long-term services agreement, is valued at nearly US\$4.5 billion (£3.6 million) at list price. With this purchase and services agreement, Akasa Air will have from day one of its operations an innovative and comprehensive maintenance programme delivered by CFM.

### Aergo Capital announces delivery of two DHC-8-Q400 aircraft

Aergo Capital (Aergo) has successfully delivered two DHC-8-Q400 aircraft bearing manufacturers serial numbers 4185 and 4180, to 748 Air Services. The first delivery was completed during October 2021 and the second on November 12, 2021. The 2007 and 2008 vintage aircraft are two of the 20 DHC-8-Q400 aircraft acquired by the Aergo group earlier in 2021.

## MRO & PRODUCTION NEWS

### SR Technics signs multiple new MRO contracts at first day of Dubai Airshow

MRO service provider SR Technics, has signed multiple new MRO contracts on the first day of this year's Dubai Airshow, including an engine services agreement with Constellation Aviation Services to provide engine MRO services for its CFM56-5B engines powering the luxurious A318-112 Elite aircraft. MNG Airlines has again selected SR Technics as its preferred PW4000 MRO provider. Since March 2020, MNG Airlines, a fast-growing Turkish cargo operator, based at Atatürk International Airport, Istanbul, has been sending its PW4000 engines to the Zurich facility. Furthermore, SR Technics has signed an engine services contract with Somon Air, a private airline based at Dushanbe International Airport, Tajikistan, for its CFM56-7B engines repair. SR Technics will provide two Somon Air B737NG engine shop visits in its facility at the Zurich Airport, Switzerland, in November 2021. SR Technics has also been awarded a four-year extension of an existing contract to maintain, repair and overhaul private aviation company RoyalJet's CFM56-7B engine fleet, installed on the Boeing 737BBJs.

## MRO & PRODUCTION NEWS

### Boeing to open three new freighter conversion lines; takes order for eleven 737-800BCFs



Boeing 737-800 converted freighter

Photo: Boeing

As global demand for freighters continues to soar, Boeing has announced plans to add three conversion lines for the 737-800 Boeing Converted Freighter (BCF) across North America and Europe. The company also signed a firm order with Icelase for eleven of the freighters as the launch customer for one of the new conversion lines. In 2022, the company will open one conversion line at Boeing's London Gatwick MRO facility, its state-of-the-art hangar in the United Kingdom and two conversion lines in 2023 at KF Aerospace MRO in Kelowna, British Columbia, Canada. "Building a diverse and global network of conversion facilities is critical to supporting our customers' growth and meeting regional demand," said Jens Steinhagen, director of Boeing Converted Freighters. "KF Aerospace and our Boeing teammates at London Gatwick have the infrastructure, capabilities and expertise required to deliver market-leading Boeing Converted Freighters to our customers." For Icelase, which recently expanded its cooperation with Corrum Capital through a joint venture called Carolus Cargo Leasing, the order for eleven 737-800BCFs will be its first converted freighter order with Boeing. The lessor will be the launch customer for conversions at Boeing's London Gatwick MRO facility.

### IAI to convert four B777-300ER passenger aircraft to cargo configuration for Emirates



Emirates and IAI sign a conversion agreement at the Dubai Airshow

Photo: IAI

Israel Aerospace Industries (IAI) has signed an agreement to convert four B777-300ER passenger aircraft to cargo configuration for Emirates. The aircraft will be converted at the new site established in Etihad Engineering's MRO centre in Abu Dhabi and the first conversion of the Emirates plane is expected to begin in early 2023. The agreement has potential to provide passenger-to-

freighter conversion services to more aircraft. Dubai-based Emirates is one of the largest operators of B777-300ER aircraft and Emirates SkyCargo is a leading player in the global air cargo industry. This agreement between IAI and the cargo division of Emirates is testament to the strong ties between IAI and the UAE.



## MRO & PRODUCTION NEWS

### flyadeal signs CFM56-5B services agreement with GE

Low-cost carrier flyadeal, a subsidiary of Saudi Arabian Airlines Corporation, has signed a seven-year TrueChoice™ overhaul agreement during the Dubai Airshow to cover CFM56-5B engines that power its 11 A320-200 aircraft fleet. As part of the agreement, GE Aviation provided flyadeal an end-to-end engine management solution, combining engine overhaul services along with logistics for engine removals, changes and leases. Previously, the cost and logistics of engine removal, delivery and collection was the responsibility of the airline or lessor. The company's turnkey approach means these logistics will be handled by GE and its suppliers. GE Aviation is providing flyadeal integrated overhaul and engine change services through Caerdav, an independent aviation MRO provider that is a GE vendor in this agreement.

### Aero Capital Solutions continues freighter growth with 13 additional 737 conversions

Aero Capital Solutions (ACS) has reported the continued growth of its cargo aircraft fleet with a commitment to convert an additional 13 Boeing 737-800SFs to freighters. The conversions will be carried out in conjunction with an STC (supplemental type certificate) provided by Aeronautical Engineers (AEI) and will add to the 21 aircraft that ACS has already committed for conversion. The first of the additional Boeing 737-800SF aircraft will commence modification performed by Commercial Jet based in Miami, Florida, in March 2023. The remaining 12 aircraft modifications will be distributed between Commercial Jet, KF Aerospace and HAECO Xiamen with the final aircraft commencing in December 2023. Upon completion, ACS' total freighter portfolio will comprise 34 Boeing 737-800SF aircraft.

### Eurowings becomes new customer of Elbe Flugzeugwerke

Elbe Flugzeugwerke (EFW) welcomes German leisure airline Eurowings as a new customer to the composite aftermarket business of EFW. In the direct business to airlines and MRO companies, EFW offers composite spare parts with the highest product quality and delivery reliability as well as customised composite solutions according to customers' needs and requirements. The cooperation with Eurowings marks an important milestone for the expansion of the aftermarket business of composite solutions as a further well-known airline relies on high-performance products made by EFW. Eurowings will receive composite spare parts from EFW for Airbus

## MRO & PRODUCTION NEWS

### Kuwait Airways partners with LHT for base maintenance



Kuwait Airways Airbus A330

Photo: LHT

Kuwait Airways has signed a contract with Lufthansa Technik regarding comprehensive base maintenance layovers for Airbus A330ceo aircraft. The agreement covers a total of four six-year checks for Airbus A330-200s, the first two of which have already been successfully completed at Lufthansa Technik Philippines (LTP) in Manila. The first and second of Kuwait Airways' aircraft arrived at LTP in October and could already be handed back to the customer on-time and on-budget. With the third A330 being serviced in Manila right now, the fourth aircraft will follow directly behind and is set to complete the layover sequence at the beginning of December. Six-year checks – the first in the life of Kuwait Airways' comparably young A330 fleet – usually comprise comprehensive structural and mechanical inspections. Over the last few decades, Lufthansa Technik has had various business relationships with Kuwait Airways, with services for both commercial and VIP aircraft. For LTP, however, the recent contract marks the first opportunity to welcome Kuwait Airways aircraft on its premises. In Lufthansa Technik's global network, LTP is the competence centre for wide-body base maintenance in East Asia, offering overhauls for almost any Airbus aircraft up to the A380 and also for selected Boeing types.

### Royal Jordanian entrusts Lufthansa Technik with component maintenance



Photo: Royal Jordanian Airbus A320

Royal Jordanian, the national airline of the Hashemite Kingdom of Jordan and Lufthansa Technik have signed an agreement regarding comprehensive component maintenance for the airline's entire Airbus A320-family fleet. Over a period of five years, Lufthansa Technik will provide its Total Component Support (TCS) including spares support, parts pooling and homebase support services for a total of five A319s, six A320s and two A321s. In line with TCS, Lufthansa Technik's experts will take care of all aspects of supplying Royal Jordanian's fleet with components, from initial provisioning studies and home base allocation at Amman's Queen Alia International Airport to repair and overhaul, troubleshooting, documentation and engineering services. This comprehensive spectrum of services will ensure Royal Jordanian highest aircraft availability while avoiding a big capital investment for their own dedicated spare-parts inventory. As a customized service package, TCS is exactly tailored to the airline's specific requirements.

## MRO & PRODUCTION NEWS

aircraft like floor panels and cargo linings for the PAX and cargo compartments offering increased robustness and durability. First products were delivered in July 2021.

### GE Aviation Materials selects AvAir for asset management

AvAir, an industry-leading inventory solutions provider for the aviation aftermarket, has been selected by GE Aviation Materials (GEAM) for an asset management programme initially covering more than 50,000 line items totalling nearly 70,000 components. GE Aviation Materials, a wholly owned subsidiary of GE Aviation, is a provider of used serviceable material and TrueChoice Transitions™ solutions: Green time Lease, custom work scopes, Engine/Module exchanges, consignment, lessor integration and portability products for GE Aviation's commercial engine programmes. GE Aviation has a global service network to support these offerings. AvAir's Chandler, Arizona-based facility will manage the inventory consisting of external commercial engine components such as Line Replaceable Units (LRUs), Quick Engine Change (QEC) material and accessories. Applications for the material covered under the agreement include GE wide-body platforms such as CF6-80, GE90 and GENx engines. Through this multi-year agreement, AvAir also becomes a preferred supplier to the GE network of MRO facilities, including each of its engine overhaul and component repair locations.

### Magnetic MRO hits 700<sup>th</sup> C-Check

Magnetic MRO, a brand of Magnetic Group, has achieved a new milestone – the successful completion of its 700<sup>th</sup> C-Check. The 700<sup>th</sup> C-Check was been performed on an Airbus A320neo aircraft, operated by Scandinavian Airlines (SAS). The aircraft was delivered to Magnetic MRO hangars in Tallinn, Estonia, on October 23 and the C-Check was completed within a few days of delivery.

### FlightService and Avensis bring supply chain solution to market

AELF FlightService (FlightService) has announced that it has partnered with Avensis Aviation to purchase ten Medius passenger-to-freighter conversion kits for 2022. FlightService, operated by its sister company, Malta-based Maleth Aero, is focused on reliable, innovative air cargo solutions, with an emerging ground transportation segment. The company will work with Avensis to convert its Airbus A330 and A340 fleet beginning early

## MRO & PRODUCTION NEWS

### Causeway is supporting Rolls-Royce to power the future



UltraFan

Photo: Causeway Aero Group

Causeway Aero Group is a supply chain partner with Rolls-Royce in developing composite components within the LUCIA (Large UltraFan Composites Integrated Aerostructures) project for the UltraFan® advanced engine demonstrator. LUCIA is co-funded by the UK Government through the ATI programme. UltraFan is designed to deliver up to 100,000 lb of

thrust, making it a scalable engine technology capable of powering both narrow-body and wide-body aircraft and makes extensive use of advanced materials. It will set new standards in terms of gas turbine efficiency – 25% more fuel efficient than the first generation of Trent engines – and sustainability, with the capability to run on 100% sustainable aviation fuel (SAF). Pete Hinds, VP Engineering & Business Development at Causeway, explained that as well as the usual accessories mounted externally on the composite fan case, the demonstrator will also be heavily instrumented for ground testing at the new Testbed 80 at Rolls-Royce in Derby, UK, the largest indoor engine test facility. The first run of UltraFan in Derby is scheduled for 2022. The test sensors and electronic control units will be mounted on platforms around the circumference of the fancase and connected by a complex arrangement of power cables. Conventional metal attachments and cable fasteners could not be used to secure the equipment as they would have a different rate of thermal expansion from the fan case when UltraFan is running, so the engine manufacturer has collaborated with Causeway to find a solution using composites. He said the result is an excellent demonstration of the company's agility, as a Tier 1 integrator, to rapidly design, develop and manufacture innovative products as well as using its established local Northern Ireland supply chain to reduce costs and turnaround times.

### Turkish Technic to perform C-check for flydubai's Boeing aircraft



flydubai

Photo: Turkish Technic

Turkish Technic, a leading provider of technical services and solutions and Dubai-based carrier, flydubai, have signed a commemorative certificate following their partnership on the C-check operations of Boeing 737-800 aircraft. Since 2019, flydubai has contracted with Turkish Technic for maintenance, repair, and overhaul services. Over the years, Turkish Technic has also provided landing gear overhaul for the airline. Currently, the company is supporting heavy maintenance operations of the Dubai-based carrier.



## MRO & PRODUCTION NEWS

2022. The soon-to-be released Avensis Medius Class E Supplemental Type Certificate (STC) by the European Union Aviation Safety Agency (EASA), will allow the modified passenger-to-freighter aircraft to fly beyond the current EASA exemption deadline of July 2022. The STC approval will make FlightService one of, if not the only provider of ad-hoc charter/ACMI services approved to fly converted passenger-to-freighter aircraft beyond the regulatory deadline. Avensis' solutions, including the Medius Class E Freighter modification that FlightService will utilise, add agility to fleet management, maximise aircraft freight capacity, and are fully reversible.

### Gulf Air entrusts AFI KLM E&M with CFM56-5B engine support contract

Gulf Air, the national carrier of the Kingdom of Bahrain and Air France Industries KLM Engineering & Maintenance have signed an engine maintenance contract for CFM56-5B engines. This contract includes total engine support for the carriers Airbus A320ceo family fleet. This full engine support contract includes shop visits, fleet engineering, condition monitoring, spare support and other additional services. Gulf Air can rely on the long and extensive CFM56-5B experience of AFI KLM E&M and the 'keep flying' approach which is supported by a strong On Wing/On Site service. Gulf Air will also benefit from the best class services through the predictive maintenance tool, PROGNOSE® for engines.

## FINANCIAL NEWS

### GA Telesis closes new five-year US\$225 million ABL credit facility

GA Telesis has announced the closing of a new five-year US\$225 million ABL credit facility led by HSBC Bank USA and Fifth Third Bank, as joint lead arrangers. The syndication was met with overwhelming interest and allowed the company to improve terms while expanding its existing bank group. The facility comprises nine global, super-regional and regional banks with HSBC Bank USA as administrative agent. The facility refinanced an existing US\$225 million ABL facility led by HSBC, which was set to expire in 2022. The new facility has improved availability, pricing and other terms consistent with or better than the current facility with the support of a larger and more diverse bank group. The proceeds from the facility will be used for general corporate purposes, acquisitions and funding future growth. In addition, the five-year term and competitive borrowing costs will provide financial stability while allowing the company to make longer-term acquisition decisions.

## MRO & PRODUCTION NEWS

### Joramco extends maintenance agreement with Ryanair



Ryanair

Photo: Joramco

Amman-based MRO provider Joramco, the engineering arm of Dubai Aerospace Enterprise (DAE), has announced the continuation of its maintenance agreement with Irish budget airline Ryanair. Under the agreement signed in 2019, Joramco is to perform heavy checks on more aircraft from the airline's Boeing 737-800 fleet. The aircraft arrived on November 1, 2021, to perform nose-to-tail, 11- and 14-years checks. Commenting on the agreement, Andrew Holder, Deputy Director Heavy Maintenance at Ryanair said, "Ryanair are pleased to be continuing their long-term relationship with Joramco, we have a busy season ahead with nose-to-tail heavy checks and knowing Joramco will deliver the high standards of maintenance demanded by us is true testament to the relationship we have built".

### SAMAD Aerospace signs MOU with Aerosud Aviation



VTOL Starling Cargo aircraft

Photo: SAMAD

SAMAD Aerospace has signed an MOU agreement with Aerosud Aviation for the development and manufacturing of its fully electric VTOL Starling Cargo aircraft. Aerosud Aviation is a South African aerospace engineering company specialising in commercial aerostructure part design and manufacturing for international Tier 1 suppliers. The Starling Cargo aircraft will be remotely piloted with auto pilot capability. It will have a cruising speed of 83 knots, a flight ceiling of 10,000 ft and a range of up to 117 nm. The electric vertical take-off and landing aircraft (eVTOL) will enable flexible point-to-point air cargo of up to 60 kg payload.

## FINANCIAL NEWS

### Stratos announces its second ABS: SOLRR 2021-1

Stratos, a leading aircraft investment specialist and asset manager, has announced it is the servicer of the new aircraft-backed ABS, SOLRR 2021-1 which closed on November 15 and raised US\$706.5 million of securitised debt for a portfolio of 22 narrow-body aircraft leased to ten airlines in eight countries. The equity was provided by a fund managed by Sculptor Capital Management and press reports indicate that the debt achieved the tightest three-class pricing in the aircraft securitisation market to date. Deutsche Bank was sole structuring agent and bookrunner and the deal featured widely distributed A, B and C notes. The 21 aircraft were all acquired since the onset of the COVID-crisis, all with leases in place and purchased via a combination of sale/leasebacks from various lessors. With over 40% of the lessees rated investment grade, a weighted average life of 4.2 years and most of the fleet in developed economies, the deal represents one of the highest quality aircraft portfolios introduced to the market. This is the second ABS for Stratos, and this fleet will increase Stratos' portfolio under management to just under 60 aircraft and confirms its position as one of the fastest growing independent aircraft servicers.

### ARRIS raises US\$88.5 million in Series C funding

ARRIS, the advanced manufacturer enabling the use of high-performance composites with new design latitudes for mass-market consumer products, transportation, and industrial applications, has raised US\$88.5 million in Series C funding. Led by XN, the round saw participation from new and returning investors, including Modern Venture Partners, New Enterprise Associates (NEA), Taiwan Capital, Bosch, Valo Ventures, and Alumni Ventures Group. The latest funding will be used to further scale the company's global operations to fulfill an increasing demand for medium- to-high-volume production of products requiring ARRIS' unique design and manufacturing capabilities. ARRIS has now raised US\$147 million to date, which includes support from strategic investors across the global manufacturing space, such as Standard Industries, Chuo Malleable Iron and an undisclosed portable electronics company, in addition to Bosch. Founded in 2017, ARRIS pioneered the development of a patented end-to-end automated manufacturing technology that combines the best of advanced composites, additive and high-volume manufacturing methods to enable design latitudes not previously possible in mass-produced products. (£1.00 = US\$1.35 at time of publication).

## MRO & PRODUCTION NEWS

### FL Technics signs long-term base maintenance contract with Wizz Air



Photo: FL Technics and Wizz Air have signed a new maintenance contract

FL Technics, a global independent MRO service provider and Wizz Air have signed an agreement covering partnership for base maintenance solutions with a planned start of services in July 2022. Based on the agreement, FL Technics will be providing heavy maintenance services for Wizz Air's Airbus A320/A321ceo and -neo fleet, including both planned heavy maintenance checks as well as short heavy maintenance visits. A four-year contract, with extension possibility, was signed at the beginning of November and is yet another major partnership development between the two organisations, in addition to the existing long-term cooperation focused on line maintenance services.

## MILITARY AND DEFENCE

### United Arab Emirates orders two additional Airbus A330 MRTT



The United Arab Emirates Air Force & Air Defence has ordered two additional Airbus A330 Multirole Tanker Transport aircraft  
Photo: Airbus

The United Arab Emirates Air Force & Air Defence has formally ordered two additional Airbus A330 Multirole Tanker Transport (MRTT) aircraft increasing the country's MRTT fleet up to five aircraft. With deliveries starting in 2024, this agreement will also cover the upgrade of the country's current A330MRTT fleet to the latest enhanced version. "Since its entry into service in 2013 with the UAE Air Force, the A330 MRTT has delivered much more than initially expected, meeting our customer's operational needs. This repeat order, added to the growing MRTT customer base, confirms the suitability of our platform as the world's tanker of reference", said Bernhard Brenner, Executive Vice President Marketing and Sales at Airbus Defence and Space. The A330 MRTT combines the advanced technology of a new-generation tanker with the operational experience established over more than 250,000 in-service flight hours. The A330 MRTT is interoperable with receivers worldwide and delivers true multi-role capabilities, proven most recently during the recent MEDEVAC and strategic transport missions during the COVID-19 crisis.



## INFORMATION TECHNOLOGY

**MTU Maintenance** has launched engine fleet management software CORTEX with **LATAM Airlines** as its launch customer. MTU's new engine fleet management service combines the MRO specialist's technical expertise with data, for example from engine trend monitoring, shop work scoping history and market understanding, with algorithms and artificial intelligence. "There's no way to achieve the optimum long-term planning strategy and in turn, large cost savings, without a complex and highly flexible instrument like CORTEX," states Paulo Rimbano, Director of Engineering at LATAM. The tool CORTEX, the basis of this new service, is a revolutionary and intelligent maintenance costing and planning tool. It accommodates multiple financial, technical, operational, environmental and market considerations and generates accurate engine planning scenarios, including work scopes down to modular level across engine lifetime, at the click of a mouse. These scenarios are then reviewed by MTU's engine experts and discussed with the customer to decide the best course of action for their fleet. "Our new service reduces maintenance and operating cost and increases dispatch reliability for airlines. It is completely customisable, immediate and proactive. Such a tool is not currently available on the market today," adds Martin Friis-Petersen, Senior Vice President MRO Programs. Furthermore, due to the recent pandemic, engine fleet planning is even more fluid than usual, and variables are changing on a daily basis. "Airlines need a tool like CORTEX. Combined with MTU's expert recommendations, they can then assess various scenarios and maximize the use of existing assets, for instance in a restart scenario, but also avoid unnecessary spend."

**SAUDIA** has selected **Boeing** for a suite of services to improve its 787 Dreamliner and 777 fleets' operational efficiency through digital analytics and to modify its 777 cabin interiors. SAUDIA will utilise Boeing's Optimized Maintenance Program (OMP), which uses advanced data analytics to provide detailed insights for improved maintenance operations, and Boeing's Airplane Health Management (AHM) digital solution, which applies predictive maintenance analytics and diagnostic tools to help improve the quality and speed of maintenance decisions, resulting in improved on-time performance. These services will be combined with Boeing's OEM engineering and consulting expertise.

## OTHER NEWS



Aeroter and Savback sign five-year sales agreement at the Dubai Airshow  
Photo: Aeroter

at Dubai World Central Airport. The co-axial rotor format of Aeroter's VRT500 has long been favoured in a number of successful aircraft designs and its two sets of counter-rotating blades on a single mast removes the requirement for a tail rotor. It also provides opportunities to land in a smaller area, owing to the lack of tail and tail boom. Test flying of the VRT500 prototype will begin in 2022 in Italy in conjunction with Vertex Aero. The location of the final production line is to be determined from a shortlist currently under consideration. Powered by the Pratt & Whitney PW207V engine, the aircraft has been designed to reach speeds of up to 250 km (155 mph) with a range of up to 900 km (559 miles) and a payload of up to 800 kg (1,763 lb). The VRT500 will feature new-generation avionics from Thales.

Singapore-based **Aeroter** has announced an exclusive five-year agreement with Swedish company **Savback Helicopters AB** to distribute and sell its innovative VRT500 light, single-engine helicopter. From its headquarters in Sweden, Savback will also cover sales representation of the aircraft in Norway, Denmark and Finland. The co-axial-format VRT500 helicopter is on display at the Dubai Airshow, which is being held during November 14-18,



An Emirates Boeing 777-300ER, powered by GE90 engines, to conduct a test flight using 100% SAF by 2022  
Photo: Emirates

**Emirates** and **GE Aviation** have signed a Memorandum of Understanding (MoU) to develop a programme that will see an Emirates Boeing 777-300ER, powered by GE90 engines, conduct a test flight using 100% Sustainable Aviation Fuel (SAF) by the end of 2022. Currently, SAF approved for use is a blend of petroleum-based Jet A or Jet A-1 fuel and an SAF component with a maximum blend limit of 50%. One of GE's fuel experts chairs an international task force to develop standardized industry specifications supporting adoption of 100% SAF, which does not require blending with conventional jet fuel. A milestone collaboration for both Emirates and GE Aviation, the 100% SAF test flight is expected to demonstrate how wide-body commercial aircraft using jet fuel made from alternative sources can lower lifecycle CO2 emissions compared to petroleum-based fuels, with no operational issues. The demonstration flight also supports both companies' broader efforts to reduce CO2 emissions as the industry looks to scale up its use of SAF. Emirates will work closely with regulators to secure approvals for experimental type certification and will also coordinate with manufacturers of airframes, auxiliary power units (APUs) and original equipment manufacturers (OEMs) on pre- and post-flight requirements, in addition to closely working with SAF suppliers on procurement and delivery logistics.

## OTHER NEWS

**Panasonic Avionics** has been selected by **Iraqi Airways** to provide in-flight entertainment and connectivity (IFEC) solutions for its new fleet of 21 narrow-body and ten wide-body aircraft. These aircraft, which include five A220, 16 B737MAX and 10 B787 aircraft types, will be line-fitted with Panasonic's X Series IFE solutions and are expected to enter service in October 2022. Panasonic Avionics' X Series offers elegant full HD seatback monitors, complete with capacitive touch displays and handsets, and an intuitive, personalised interface. Passengers will have access to USB and laptop charging power points at every seat as well. The X Series portfolio also includes eXW, which delivers a premium passenger experience to passengers' personal devices. Each of these systems are designed to help drive ancillary revenue, foster higher levels of passenger loyalty and increase passenger engagement. The airline's Boeing 737 MAX fleet, which will feature the company's eX1 narrow-body IFE solution, also offers Panasonic Avionics' in-flight Wi-Fi service. Its next-generation connectivity enables a host of connectivity benefits, from fast internet to video streaming, all powered by its new satellite modem featuring bandwidth up to twenty-times greater than previously available. Panasonic Avionics' IFEC solutions are also being fitted to Iraqi Airways' new fleet of five Airbus A220 aircraft, the first of which entered service last month. To meet the airline's requirement of offering state-of-the-art wireless IFE streaming on its A220 fleet, Panasonic Avionics is installing its eXW solution, which delivers a wide range of content to passengers' personal electronic devices, along with its in-flight Wi-Fi service. For Iraqi Airways' Boeing 787 aircraft, Panasonic Avionics is providing its industry-leading eX3 in-flight system and global high-speed connectivity services.

**MENA Cargo** has a new strategic partner in **China's Choice International Forwarding Company**. MENA Cargo will support Choice Group's one-stop logistics services in the Middle East and Africa by offering capacity and guaranteed uplift on B737 300F- and B777 200ER-type aircraft. The agreement was signed in Bahrain on August 6, and the first flight was operated on October 30, 2021, from Hong Kong to Nigeria, via Bahrain in the Kingdom of Bahrain. The Hong Kong to the Middle East and Hong Kong and Nigeria routes will help fill a capacity shortfall to meet surging demand for air cargo. Global demand is being driven mainly by increasing global e-commerce, with many products and components originating from Chinese territories. MENA Cargo is targeting underserved markets in Africa, the Middle East and Asia, so this latest development is an ideal strategic fit.

**Collins Aerospace** has signed an agreement with **Emirates** to upgrade its fleet of 101 Boeing B777 and 107 Airbus A380 aircraft with the company's latest GLU-2100 multi-mode receiver (MMR). In addition, Collins is providing a full suite of avionics and satcom capabilities to Emirates' 777X aircraft. An MMR assists pilots in positioning, navigating and landing an aircraft. This supports the integrity of the aircraft position, accuracy and availability of demanding aircraft operations such as landing in low-visibility conditions. Building on the segment-leading Global Navigation Satellite System (GNSS) capabilities of previous MMRs, the GLU-2100 now provides an industry-proven Satellite-Based Augmentation System (SBAS) and Ground-Based Augmentation System (GBAS) at entry into service. Collins Aerospace's GLU-2100 also assists commercial aircraft in meeting flight zone global mandates, while also proofing the technology by providing a solid foundation for future growth. It includes the flexible hardware baseline necessary to implement future GNSS capabilities, such as multi-frequency and multi-constellation (MFMC), and GBAS Category II/III via software-only update.



Adel Ahmad Al Redha (l) COO for Emirates and Craig Bries (r) VP Avionics Sales, Marketing and Business Development for Collins Aerospace sign the new contract  
Photo: Collins Aerospace



Photo: SAUDIA Inmarsat contract signing

**SAUDIA**, the national flag carrier of Saudi Arabia, has revealed that its upcoming fleet of 35 Airbus A321neo and Airbus A321XLR aircraft will offer the GX Aviation high-speed inflight broadband solution by **Inmarsat**. The aircraft will connect to GX Aviation using an ultra-high-performance terminal by GDC Advanced Technology modifications and electronic systems. As the first major inflight connectivity agreement in the Middle East since the COVID-19 pandemic began, SAUDIA will be GX Aviation's launch customer in Saudi Arabia. In addition, it has become the first airline in the Middle East to select Inmarsat's new OneFi customer experience platform and the first in the world to select GX Aviation's next-generation terminal, developed with GDC Advanced Technology. The terminal provides enhanced customer flexibility and is future proofed to meet the demands of planned and new constellations. The selection enables SAUDIA to provide a world-class digital experience for passengers onboard 20 Airbus A321neo and 15 Airbus A321XLR. The airline's first installation of GX Aviation is expected in late 2022 and once the service is live, passengers will be able to seamlessly browse the internet, stream videos, check social media, shop online and more during flights using their own personal devices. Inmarsat's OneFi platform will serve as a catalyst for SAUDIA to monetise its inflight connectivity by bringing a host of onboard services together within a single portal interface. The solution, which launched two months ago in September 2021, allows passengers to order food, beverages and duty-free items, enjoy e-books, newspapers and magazines, receive the latest information for their flight and destination, and sign into SAUDIA's AlFursan frequent flyer programme, all in real-time from the comfort of their seat.



## OTHER NEWS

**Atlas Air Worldwide Holdings** has reported that the transition to bring operations of **Southern Air** under a Single Operating Certificate (SOC) with **Atlas Air**, is now complete. With the addition of Southern Air, Atlas Air was able to add Boeing 777 and Boeing 737 aircraft operating platforms, resulting in a more diversified company offering customers access to a wider range of aircraft, a broader array of services, greater scale and an expanded global footprint.

A unique collaboration between **TrustFlight**, **Boeing**, **RaceRocks** and **The University of British Columbia** (UBC) has plans to transform the aviation industry, creating a new digital aircraft records platform aimed at significantly improving efficiency and potentially saving the sector up to US\$3.5 billion a year (£2.6 billion). The Digital Aviation Record System (DARS) will be developed in Canada, having received investment and support from the Canadian Digital Technology Supercluster – an initiative that helps to establish a framework for collaboration and co-investment on projects across all sectors. The long-term aim of the project is to create the world's first truly global, web-based component and airworthiness records platform connecting data across the supply chain. Working closely with existing industry maintenance and MRO system providers, DARS will enhance its functionality by enabling seamless transfer of accurate aircraft information, removing the need for manual data entry and delivering significant efficiency improvements. The first DARS service to be offered will be a digital engine log, available in early 2022. Karl Steeves, CEO at TrustFlight, says: "Most systems that manage and record aircraft maintenance are either paper based or operator-specific software solutions that are often unable to communicate with one another, meaning data has to be input and transferred manually. We knew there was a better way to work, concluding that a consolidated digital platform like DARS could improve airline maintenance productivity and efficiency by up to 25%, potentially saving the industry US\$3.5 billion a year."

**Brussels Airlines** unveiled a new brand identity on November 18, confirming its position in the market as Belgium's home carrier and the Africa expert of the **Lufthansa Group**. Updated colours, a new logo and aircraft livery are the visual token of the airline's new chapter, stating its readiness for future challenges and re-emphasising on the importance of the Belgian brand. This will be a chapter with a strong focus on customer experience, reliability and sustainability while keeping a competitive cost-structure. As a consequence of the COVID-19 crisis, in 2020 Brussels Airlines accelerated and intensified its transformation plan Reboot Plus,

in order to pave the way for a future-proof company that is able to face the competition with a sound and healthy cost structure. After the restructuring, the company started the second phase of its Reboot Plus plan: the build-up and improvement phase. Brussels Airlines is now turning its attention to the future with strategic investments in an improved customer experience, new technologies, digitisation, new ways of working and the development of its employees. The Belgian company is transforming to become a healthy, profitable airline that offers perspectives to its customers, partners and employees of an airline with a constant focus on the environment and the reduction of its ecological footprint: A new Brussels Airlines. During the COVID-crisis, the African network of Brussels Airlines remained the most important market for the company, with the most stable flight offer. Also in the future, Brussels Airlines will continue to serve as the African competence centre for the Lufthansa Group and will continue to invest in the continent.

## INDUSTRY PEOPLE



Luigi Celmi

- DAIR's Advisory Board has nominated **Luigi Celmi** to be the new Chief Executive Officer starting January 1, 2022. In addition, **Christiane Grude**, Senior Director Original Equipment Innovation at Lufthansa Technik

AG, joined the IDAIR Advisory Board as of July 1, 2021. After six years of successful restructuring of IDAIR's business and leading it into a new era to become the market-leader in the IFEC segment for VVIP aircraft, **Dr Wassef Ayadi** has been appointed as Senior Director Customer Relations and Sales Support Services for the business segment Original Equipment & Special Aircraft Services at Lufthansa Technik AG and will remain in an advisory role for IDAIR. IDAIR, headquartered in Hamburg, Germany, develops, manufactures and supplies CMS and IFEC systems for VIP aircraft as well as custom software services for aircraft applications.

- Jan Toschka** has been appointed President of Shell Aviation, taking over from **Anna Mascolo**, who is moving into a senior leadership position in Shell's Downstream business. Toschka brings to Aviation broad leadership experience in energy transition, global marine, mobility as well as wholesale energy businesses. Since joining Shell in 1998, he

has amassed over 20 years' experience in customer-facing roles across Downstream, Gas and Power and Marine. He takes over from Anna Mascolo who moves to Shell Downstream as SVP Acquisitions, Divestments and New Business Development.



Founder and current CEO Bob James

- The AerFin Board of Directors has appointed **Simon Goodson** as Chief Executive Officer, replacing founder and current CEO **Bob James**. James will remain invested in the business and transition to Non-Executive Director as part of the company's agreed succession planning. Goodson will join the business on December 1st, 2021. Danish private equity firm CataCap, in partnership with the management team, acquired AerFin Holdings in October 2019.

**AviTRADER™**  
publications

AviTrader Publications Corp.  
Suite 305, South Tower  
5811 Cooney Road  
Richmond, BC  
Canada V6X 3M1

Publisher  
Peter Jorssen  
Tel: +1 604 318 5207

Editor  
Heike Tamm  
editor@avitrader.com  
Tel: +34 (0) 971 612 130

Advertising Inquiries  
Tamar Jorssen  
VP Sales & Business Development  
tamar.jorssen@avitrader.com  
Phone: +1 (778) 213 8543

For inquiries and comments,  
please email:  
editor@avitrader.com





# Avitrader MRO

The leading industry publication linking aircraft maintenance,  
the aftermarket, and aircraft operators

Avitrader MRO is a monthly digital magazine providing news and senior level analysis on the global commercial aviation MRO industry. Over the past decade the publication has grown to be a leading source of insight and analysis on the key issues facing the aircraft maintenance and aftermarket sectors.

14,600+

Direct Distribution

50,000+

Inter-Company Distribution

12

Annual Editions

Subscribe for free online and get the magazine straight to your inbox  
[www.avitrader.com](http://www.avitrader.com)



For advertising and commercial opportunities, please contact:

**Tamar Jorssen**

Vice President Sales & Business Development

Email: [tamar.jorssen@avitrader.com](mailto:tamar.jorssen@avitrader.com)

Phone: +1 (788) 213 8543

[www.avitrader.com](http://www.avitrader.com)



# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	FPG Amentum	V2527M-A5	3705	2008	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
A319-100	BBAM	CFM56-5B5/P	2214	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	ORIX Aviation	CFM56-5B5/3	5018	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A319-112	Deucalion Aviation Limited	CFM56-5B6/3	3586	2008	Q1/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A319-131	Deucalion Aviation Limited	V2522-A5	2375	2005	Q1/2022	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-200	BBAM	V2527-A5	2587	2005	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A320-200	ORIX Aviation	CFM56-5B4/3	5950	2014	Q1/2022	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	Deucalion Aviation Limited	V2527-A5	3734	2009	Q2/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-200	GA Telesis	CFM56-5B6/3	5393	2012	Now	Sale / Lease	David Byrne	dbyrne@gatelesis.com	+353 86 780 8974
A320-200	GA Telesis	CFM56-5B6/3	5931	2014	Now	Sale / Lease	David Byrne	dbyrne@gatelesis.com	+353 86 780 8974
A320-200	GA Telesis	V2527-A5	2152	2004	Now	Sale	David Byrne	dbyrne@gatelesis.com	+353 86 780 8974
A320-214	Deucalion Aviation Limited	CFM56-584/3	3767	2009	Q4/2021	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-230	Deucalion Aviation Limited	V2527-A5	4552	2010	Q4/2021	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-232	Deucalion Aviation Limited	V2527	4323	2010	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-232	ALTAVAIR	V2527-A5	4621	2011	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
A320-232	Willis Lease	V2527-A5	6865	2016	Nov 2021	Sale / Lease	Chris Giles	cgiles@willislease.com	
A320-232	Willis Lease	V2527-A5	7163	2016	Now	Sale / Lease	Chris Giles	cgiles@willislease.com	
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Now	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
A321	Deucalion Aviation Limited	V2533-A5	7180	2015	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A321-231	Deucalion Aviation Limited	V2533-A5	6009	2014	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A321-231	Deucalion Aviation Limited	V2533-A5	6294	2014	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-200	ORIX Aviation	Trent 772B-60	1306	2012	Now	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A330-200	Deucalion Aviation Limited	CF6-80E	814	2007	Q4/2021	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-200 (9x)	ALTAVAIR	Trent 772B-60/16	various	05 - 07	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
A330-200	Doric	Trent 772B-60/16	1407	2013	Now	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-243	Willis Lease	Trent 772B-60	1293	2012	Now	Lease	Chris Giles	cgiles@willislease.com	
A330-243	Willis Lease	Trent 772B-60	1157	2010	Now	Lease	Chris Giles	cgiles@willislease.com	
A330-300	BBAM	Trent 772B-60	1562	2014	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	Trent 772B-60	1609	2015	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	CF6-80E1A3	1300	2012	Apr 2022	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	Deucalion Aviation Limited	Trent 772B-6	1146	2010	Q2/2022	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-300	Deucalion Aviation Limited	Trent 772B-60	1357	2012	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-300	Deucalion Aviation Limited	Trent 772B-60EP	1378	2013	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A330-343	Willis Lease	Trent 772B-60	1157	2010	Now	Lease	Chris Giles	cgiles@willislease.com	
B737-700	BBAM	CFM56-7B20	32414	2002	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	GA Telesis		34300	2006	Now	Sale / Lease	David Byrne	dbyrne@gatelesis.com	+353 86 780 8974
B737-8	Orix Aviation	CFM LEAP-1B	42825	2017	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42826	2017	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42827	2017	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42828	2017	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42829	2017	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42830	2017	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42831	2018	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42832	2018	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42833	2018	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42835	2018	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	63971	2018	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	64992	2018	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-800	FPG Amentum	CFM56-7B27E	40259	2013	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	Deucalion Aviation Limited	CFM56-7B26E	40880	2012	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	Deucalion Aviation Limited	CFM56-7B27/3	37254	2011	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	Deucalion Aviation Limited	CFM56-7B26	30294	2004	Q4/2021	Sale	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	Deucalion Aviation Limited	CFM56-7B	30659	2003	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B26	34692	2007	Q4/2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451

**SAAB 2000**  
**REDISCOVERED**  
 50 seats • 370kts • 1600nm range • FL310  
 Operational hourly fixed-cost programs available  
 JETSTREAMAVCAP.COM/SAAB2000  
**Jetstream**  
 AVIATION CAPITAL



**Willis Lease Finance Corporation**  
 Power to Spare – Worldwide®

**SXI** | SOUTHERN  
 CROSS  
 INTERNATIONAL

Worldwide Aircraft Delivery and Flight Test Services

**GLOBAL LEADER**  
  
 24/7/365 AOG Support - Americas: (954) 348-3535 | aog@gatelesis.com | gatelesis.com/apps  
 www.gatelesis.com

# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commercial Jet Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-200ER	GA Telesis	Trent 895-17	34376	205	Q4/2021	Sale	Kevin Ford	kford@gatelesis.com	+64 21 747109
B777-200ER	GA Telesis	Trent 895-17	34377	2006	Q4/2021	Sale	Kevin Ford	kford@gatelesis.com	+64 21 747109
B777-200ER	GA Telesis	Trent 895-17	34378	2006	Q4/2021	Sale	Kevin Ford	kford@gatelesis.com	+64 21 747109
B777-200ER	GA Telesis	Trent 895-17	34379	2007	Q4/2021	Sale	Kevin Ford	kford@gatelesis.com	+64 21 747109
B777-300ER	BBAM	GE90-115B	37898	2012	Apr 2022	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	ALTAVAIR	GE90-115B	34597	2006	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
B777-300ER	ALTAVAIR	GE90-115B	39686	2013	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493

## Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
ATR-72-500	Willis Lease	PW120M	919	2010	Now	Lease	Neil Ruane	nruane@willislease.com	1-(647)-242-4952
ATR-72-500	Willis Lease	PW120M	920	2010	Now	Lease	Neil Ruane	nruane@willislease.com	1-(647)-242-4952
ATR-72-500	Willis Lease	PW120M	928	2010	Now	Lease	Neil Ruane	nruane@willislease.com	1-(647)-242-4952
ATR-72-500	Willis Lease	PW120M	932	2010	Now	Lease	Neil Ruane	nruane@willislease.com	1-(647)-242-4952
CRJ-200ER	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200ER	Regional One	CF34-3B1	8059	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200ERF	Regional One	CF34-3B1	7452	2000	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200LR	Regional One	CF34-3B1	7625	2002	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15057	2005	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15087	2006	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
DHC8-Q400	Regional One	PW150A	4326	2010	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007A1	145411	2002	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007A2	145468	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ170-100LR	Regional One	CF34-8E5	17000093	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
SAAB 2000	Jetstream Aviation Capital	AE2100A	031	1996	Now	Sale / Lease	Donald Kamenz	dkamenz@jetstreamavcap.com	+1 (305) 447-1920 x 115
SAAB 340B CRG	Jetstream Aviation Capital	CT7-9B	224	1990	Nbow	Lease	Bill Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102
SAAB 340B Plus	Jetstream Aviation Capital	CT7-9B	450	1998	Now	Lease	Bill Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102

## Commercial Engines

CF34 Engines	Sale / Lease	Company	Contact	Email	Phone
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 - Sale				
CF34-3A	Now - Sale / Lease				
(1) CF34-8C	Now - Sale / Lease	Regional One	Elizabeth Giraldo	Egiraldo@Regionalone.com	+1 305-469-7253
(1) CF34-8E5	Now - Sale / Lease				
(2) CF34-10E6	Full QEC	DASI	Joe Hutchings	joe.hutchings@dasi.com	+1 954-478-7195
(1) CF34-10E5A1	Full QEC				

Engine Lease Finance

RegionalOne

MAGELLAN  
AVIATION GROUP





# THE AIRCRAFT AND ENGINE MARKETPLACE

CF34 Engines (cont.)	Sale / Lease	Company	Contact	Email	Phone
(4) CF34-10E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CF34-8C5A1	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 980 256 7102
(2) CF34-8C5B1	Now - Sale/Lease/Exch.				
(3) CF34-8E5A1	Now - Sale/Lease/Exch.				
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80C2B7F	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF6-80E1A3	Now - Sale / Lease				
(1) CF6-80E1A4B	Now - Sale / Lease				
(2) CF6-80E1A4B	Now - Sale/Lease/Exch.	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
(1) CF6-80C2B1F	Now - Sale/Exchange	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) CF6-80C2B1F	Q3/2021 - Sale/Exchange				
(2) CF6-80E1	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449

## Commercial Engines (cont.)

CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B4/P (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiairline.com	+1 786 785 0787
(1) CFM56-5B5/P	Now - Lease				
(1) CFM56-5B6/P	Now - Lease				
(1) CFM56-5B2/P	Now - Lease				
(2) CFM56-7B26 (full QEC)	Now - Lease				
(1) CFM56-7B27	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-7B22 (with QEC)	Now - Lease				
(4) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(5) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P	Now - Lease				
(2) CFM56-7B24/E	Now - Lease				
(4) CFM56-7B24	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(1) CFM56-5C4	Now - Lease				
(4) CFM56-5B4/P	Now - Lease				
(4) CFM56-7B26/3	Now - Lease				
(2) CFM56-7B26	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) CFM56-5B5/P	Now - Sale / Lease				
(1) CFM56-3 (SVC, fresh PR)	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)1357 521144
(2) CFM56-7B22	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(multiple) CFM56-5B	Now - Sale / Lease	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1 469-628-3756
(multiple) CFM56-7B	Now - Sale / Lease				
(2) CFM56-7B26/E	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-7B24/E	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P (u/s)	Now - Sale	Castlake	Stuart MacGregor	Stuart.macgregor@castlake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - Lease				
(1) CFM56-5B4/P	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 980 256 7102
(2) CFM56-5B6/P	Now - Sale/Lease/Exch.				
(1) CFM56-7B27	Now - Sale/Lease/Exch.				
GE90 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) GE90-94B	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) GE90-115BL (Propulsor)	Now - Lease				
(2) GE90-90B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(2) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) LEAP-1A33	Now - Lease				
(1) LEAP-1A26	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
PW 2000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW2037	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiairline.com	+1 786 785 0787
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW4062-3	Now - Sale / Exchange	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) PW4060-3	Q3/2021 - Sale/Exchange				
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
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				

# THE AIRCRAFT AND ENGINE MARKETPLACE

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(8) PW127M	Now - Sale/Lease/Exch.				
(1) PW121	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 980 256 7102
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW123B	Now - Sale/Lease/Exch.	Regional One	Duane Butler	dbutler@regionalone.com	+1 561-809-0001
(1) PW127F					
(1) PW150A					
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(2) Trent 772B-60	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) Trent 772C-60	Now - Sale/Lease/Exch.				
(1) Trent-556-61	Now - Sale/Lease/Exch.				
(1) Trent 556A2-61	Now - Sale/Lease/Exch.				
(1) Trent XWB-84k	Now - Lease				
(1) Trent772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(3) Trent 895-17	Now - Sale	GA Telesis	Kevin Ford	kford@gatelesis.com	+64 21 747109
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) V2522-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) V2524-A5	Now - Sale/Lease/Exch.				
(1) V2527-A5	Now - Sale/Lease/Exch.				
(1) V2527E-A5	Now - Sale/Lease/Exch.				
(1) V2527M-A5	Now - Sale/Lease/Exch.				
(1) V2530-A5	Now - Sale/Lease/Exch.				
(1) V2533-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Sale/Lease/Exch.	Chromalloy Material Solutions	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) V2527-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2527-A5	Now - Lease				
(1) V2527-A5	Now - Sale / Lease	Castlake	Stuart MacGregor	Stuart.macgregor@castlake.com	+44 207 190 6138
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiairline.com	+1 786 785 0788
(2) V2522-A5	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(2) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 980 256 7102
(3) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2527E-A5	Now - Lease				
(1) V2527-A5	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) V2527-A5 unserviceable	Now - Sale				

## Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(1) GTC331-500B Trent 892B-17 Modules	Now - Sale / Exchange	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
(2) GTC331-200ER, (2) GTC331-9A, (1) GTC331-9B (1) A321 Enhanced Landing Gear 2020 OH	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
GE90-115B – Fan Stator Module – P/N 2115M15G04		Altavair	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
A320 Nose Landing Gear		GA Telesis		landinggearsales@gatelesis.com	
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
(1) RE220, (1) APS3200, (1) GTC331-9A	Now - Sale / Lease	Magellan Aviation Group	Drew Megorden	drew.megorden@magellangroup.net	+1 704-340-0273
(1) GTC331-9B, (1) GTC331-500B	Now - Sale / Lease				
(1) GTC331-9B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(3) GTC331-350, (5) GTC331-9A	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(1) APS3200, (2) GTC331-9B					
(1) APS2300, (1) GTC331-200ER, (1) APS1000-C12, (1) GTC331-150RJ	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 954-683-1893
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				
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(6) GTC331-9A, (1) GTC331-200, (1) GTC331-9B, (1) GTC331-200 (2) GTC331-350, (2) GTC331-500, (1) APS3200B, (2) APS3200C		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com	+1-954-676-3111
(1) APU GTC131-9A, (1) APU GTC331-9B	Now - Sale / Lease	Willis Lease	Gavin Connolly	gconnolly@willislease.com	+44 1656 765 256
Engine stands now available	Now - Lease				
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368