



# **Weekly Aviation Headline News**

#### **WORLD NEWS**

Lufthansa raises additional cash with secured aircraft deals Lufthansa has raised a total of around 500 million euros by using its aircraft as security in eight financing transactions since July 2020. This enabled the Group to secure additional funds on top of the 1.6 billion euros raised via a convertible bond and a corporate bond. The five Airbus A350s and three aircraft from the A320 family were used as securities for various financing instruments. Lufthansa was also able to agree upon attractive terms compared with the most

AVITRADER publications

# Alaska Airlines announces two new routes to California

recently issued bonds.

Alaska Airlines announced two new routes from its key hubs in Southern California that will begin flying this spring. The airline will launch daily, nonstop service between Los Angeles (LAX) and Austin on March 18, with an increase to three daily departures on May 20. Daily, nonstop service between San Diego and New York JFK starts on April 4. "Southern California is an integral part of Alaska's network and continues to offer valuable opportunities for selective expansion," said Brett Catlin, Alaska Airlines vice president of network and alliances.

# Loganair secures new Orkney Inter-Isles Air Services contract

Scottish carrier Loganair will continue as operator of the Orkney Inter-Isles Air Services for a further four years following the award of a new Public Service Obligation (PSO) contract by Orkney Islands Council. The airline, which pioneered the services in conjunction with the then Orkney Islands Shipping Company in 1967, has continually maintained the lifeline air links connecting the islands of North Ronaldsay, Papa Westray, Westray, Sanday, Stronsay and Eday with Kirkwall ever since.



Additional compensation for those affected by the Lion Air and Ethiopian crashes.

Photo: Boeing

#### Boeing agrees \$2.5bn for MAX fiasco

Settling criminal charges and compensation

Boeing announced that it has entered into an agreement with the U.S. Department of Justice (DOJ), which resolves the Department's investigation into

the evaluation of the Boeing 737 MAX aircraft by the Federal Aviation Administration (FAA). As part of Boeing's resolution with

DOJ, the Department has agreed to defer prosecution of the company, provided that Boeing abides by the obligations set forth in a three-year deferred prosecution agreement, after which time the charge will be dismissed.

Under the agreement, Boeing will pay a penalty of \$243.6 million and provide \$500 million in additional compensation to the families of those lost in the

"This resolution is a serious reminder to all of us of how critical our obligation of transparency to regulators is."

David L. Calhoun, Boeing President

Lion Air and Ethiopian Airlines accidents. The agreement also includes a commitment to provide \$1.77 billion to Boeing's airline customers as part of the company's ongoing efforts to compensate those customers for financial losses resulting from the

grounding of the 737 MAX.

The agreement is based on the conduct of two former Boeing employees and their intentional

failure to inform the FAA Aircraft E v a l u a t i o n Group (AEG), the group within the FAA responsible for making pilot training determinations,

about changes to the Manoeuvring Characteristics Augmentation System (MCAS). As a result of this conduct, the agreement states that the FAA AEG was not fully informed about MCAS's expanded operating range when

Continued on page 3





# TARMAC SOLUTIONS When you need a Ground Support Equipment



- (GSE) solution, it's important to be supported by a partner who has the experience and capital to drive your operation. Choose GA Telesis for all of your GSE lease, purchase, repair and inventory management needs.
  - Finance and Lease Solutions
  - Procurement Solutions
  - Repairs and Calibration Solutions
  - Sales and Distribution Solutions

EMAIL: gsetooling@gatelesis.com

...continued from page 1

it made its training determinations for the MAX. While focusing on the conduct of these two former employees, the agreement recognises that other Boeing employees did inform other officials and organisations within the FAA about MCAS's expanded operating range in connection with the certification of the 737 MAX.

David L. Calhoun, Boeing President and Chief Executive Officer,

said in a note to employees: "I firmly believe that entering into this resolution is the right thing for us to do—a step that appropriately acknowledges how we fell short of our values and expectations. This resolution is a serious reminder to all of us of how critical our obligation of transparency to regulators is, and the consequences that our company can face if any one of us falls short of those expectations."

#### AIRCRAFT & ENGINE NEWS

#### Skyworld Aviation celebrates 600 transactions with sale of two Avro RJ100s

Skyworld Aviation has ended 2020 with the sale of two Avro RJ 100 aircraft, serial numbers E3245 (SE-DSS) and 3248 (SE-DSU). This transaction marks its 600th aircraft placement, SE-DSS and SE-DSU were sold to CFS Aero, a maintenance and repair facility with EASA Part 145 and FAA Part 145 approval, specializing in Honeywell ALF502 and LF507 engines. CFS has recently purchased the OEM rights for these engines from Honeywell and has a large, dedicated team of Honeywelltrained technicians and engineers, supporting a global network of 146 and Avro operators with all powerplant requirements, including a Honeywell engine program.

#### BOC Aviation reports full-year and fourth-quarter 2020 transactions

BOC Aviation has posted its operational transactions for the full year 2020, ended December 31, 2020. At the end of 2020, BOC Aviation owned, managed, and had on

#### Qatar Airways takes delivery of trio of 777 Freighters



Three new Qatar Airways Cargo 777 Freighters are shown at Boeing's delivery center in Everett, Washington Photo: Boeing

Qatar Airways Cargo has taken delivery of three Boeing 777 Freighters as the airline continues to build its cargo division with the twin-engine freighter. The milestone also marks the 200th 777 Freighter to be delivered. The triple delivery comes as air freight plays a pivotal role amid the COVID-19 pandemic - including transporting newly approved vaccines - and is projected to increase more than 4% over the next two decades. With the arrival of the trio of 777 Freighters, Qatar Airways Cargo now operates 24 of this airplane models along with two 747-8 Freighters. As one of the leading air cargo carriers, Qatar's dedicated freighter fleet serves more than 60 freighter destinations worldwide via its Doha hub and also delivers freight on the belly-hold deck of passenger aircraft to an extensive network.



# BUY FEWER ENGINES. SAVE MILLIONS IN REPAIRS.

# Discover ConstantAccess™.

For LEAP-1A/B engines

Why own and capitalize a spare engine when you can have preferred access, on demand, to our worldwide portfolio of engines?

Availability guaranteed.



Willis Lease Finance Corporation

Power to Spare – Worldwide®

leasing@willislease.com | +1 561.349.8950 | www.willislease.com

#### **AIRCRAFT & ENGINE NEWS**

order a total fleet of 553 aircraft. The average aircraft age was 3.5 years, and the average remaining lease term was 8.6 years for the 358 owned aircraft fleet, weighted by net book value. The company had an order book of 155 aircraft at the end of the year 2020. BOC Aviation took delivery of 25 aircraft in the fourth quarter of 2020, and 54 in 2020 (including one acquired by an airline customer on delivery). The company signed 12 lease commitments and extensions in the fourth quarter of 2020, bringing the total for 2020 to 102. BOC Aviation sold two owned aircraft in the fourth guarter of 2020, which brought the total number of owned aircraft sold during the year to 12.

#### Lack of potential demand sees Rolls-Royce put new UltraFan engine on hold

Rolls-Royce has announced that it will suspend its UltraFan geared-turbofan jet engine once the current testing phase is completed, which will be in 2022. Over US\$800 million has been invested in the program which began approaching seven years ago. The British engine maker has indicated that it is not scrapping the engine but will instead fire up the engine's development once there is clear evidence that a new series of narrow-body commercial jets will be introduced. "We absolutely intend to . . . complete the phase we are in at the moment, which is to create and fully test our demonstrator," CEO Warren East explained to the Financial Times. "But at that point, we will put the thing on ice. I can't force airframe manufacturers to invent new airplanes and if there is no demand for them then there is no demand for the engines." The UltraFan and Advance engines were announced in 2014 as the successors to the Trent series of engines. The UltraFan was penciled in to be available from 2025, offering 25% greater fuel efficiency and approximately 25% lower fuel emissions than the Trent. Both Airbus and Boeing are Rolls-Royce's most important customers, and both are suffering from the knock-on effects the COVID-19 pandemic has had on air travel that has seen the cancelation of orders for hundreds of aircraft and a massive reduction in the volume of aircraft and engine maintenance for existing jets.

#### New Caledonia's Aircalin takes delivery of first A320neo



First Aircalin A320neo on its ferry flight

Photo: Airbus

Aircalin has taken delivery of its first A320neo. The aircraft joins two A330neos already delivered under the carrier's fleet modernization plan. Aircalin's A320neo is powered by Pratt & Whitney PW1000 engines and is configured in a single-class layout with 168 seats. With the A320neo, Aircalin will be able to increase capacity on its flights and open new routes across the Pacific region.

#### Rex showcases official livery on first Boeing 737



Photo: The first Boeing 737 in Rex livery

Rex Airlines has marked another major milestone, with the first of its Boeing 737-800NGs in full Rex livery (airline colors) landing in Sydney on Christmas Eve. Rex has leased six Boeing 737-800NG aircraft in readiness for its inaugural service from Melbourne to Sydney commencing March 1, 2021. Brisbane will be added to Rex's capital city network after Easter. Rex's Deputy Chairman John Sharp said: "Our second 737 is currently being painted by Douglas Aerospace in Wagga Wagga. The remaining four 737s are undergoing scheduled checks and will be brought into the country over the next three months."

#### JetBlue takes delivery of first new Airbus A220-300 aircraft

JetBlue has formally taken delivery of its first Airbus A220-300 aircraft, marking the start of a new era for the airline's fleet. The aircraft - tail N3008J - arrived at JetBlue's home at New York's John F. Kennedy International Airport (JFK) on December 31, 2020, from Airbus' U.S. production facility in Mobile, Ala. It is the first delivery of 70 A220 aircraft JetBlue has on order, which will be phased in to ultimately replace the existing fleet of 60 Embraer 190 aircraft.



JetBlue took delivery of the first of 70 A220 aircraft

Photo: Airbus

#### Colorful Guizhou Airlines receives new Airbus A320neo from GECAS



Colorful Guizhou Airlines

Photo: GECAS

Colorful Guizhou Airlines has taken delivery of a new A320neo (MSN10037), marking the first neo from GECAS' orderbook to enter service having been assembled at the Airbus Tianjin facility. Completing the commitment announced at the 2019 Paris Air Show, this aircraft is the fourth CFM LEAP-powered narrowbody jet on lease from GECAS to enter the Colorful Guizhou Airlines fleet. While this delivery is the first from the lessor's own orderbook and first to enter service with a Chinese operator, GECAS has an impressive history working with the Airbus Tianjin Facility. It also took delivery of the first-ever A320neo assembled at the Chinese Facility through a purchaseand-leaseback arrangement for aircraft operated by AirAsia.



#### ATR 42/72 entry into service with new Liebherr air management system on board

new integrated management system developed and manufactured by Liebherr-Aerospace entered into service with ASL Airlines Ireland - on behalf of FedEx - on December 15, 2020 during the first commercial flight of ATR's 42/72. The newly enhanced system improves on-board comfort for passengers and crew while at the same time substantially reducing operational costs. Liebherr-Aerospace will also be responsible for product support of ATR's fleet under the ATR Global Maintenance Agreement (GMA). The two companies signed a ten-year commitment and Liebherr-Aerospace will be the exclusive product support provider for the new air management system worldwide. The agreement will be carried out by Liebherr-Aerospace's



The new freighter aircraft ATR 72-600F

Photo: ATR

service stations in Toulouse (France), center of excellence for air management systems, Singapore and Saline, Michigan (USA). Developments are well under way to provide ATR with cutting edge technology that includes predictive maintenance services. The goal is to reduce aircraft downtime, optimize spare parts' inventory and increase reliability – all while reducing costs.

#### Amazon purchases 11 aircraft from Delta and WestJet



Amazon buys 11 Boeing 767-300 aircraft

Photo: Amazon

Amazon made its first-ever purchase of Boeing 767-300 aircraft, expanding its fleet to continue to serve customers. The purchase includes 11 aircraft, which will join the network by 2022. Amazon Air's fleet expansion comes at a time when customers are relying on fast, free shipping more than ever. "Our goal is to continue delivering for customers across the U.S. in the way that they expect from Amazon, and purchasing our own aircraft is a natural next step toward that goal," said Sarah Rhoads, Vice President, Amazon Global Air. "Having a mix of both leased and owned aircraft in our growing fleet allows us to better manage our operations, which, in turn, helps us to keep pace with meeting our customer promises." Since Amazon Air's launch in 2016,

Amazon has invested hundreds of millions of dollars and created thousands of new jobs at Amazon Air locations across the U.S. In 2020, Amazon Air announced its purchase of six million gallons of sustainable aviation fuel and has already invested in cutting-edge electric ground service equipment and solar rooftop panels planned at some facilities.

#### **MRO & PRODUCTION NEWS**

# Turkish Technic offers connectivity upgrade with new server and WAP products

Turkish Technic has completed the design, production and certification process of its new server and wireless access point (WAP) products, the backbone of in-flight entertainment (IFE) systems. This marks a new milestone of in-house production for Turkish Technic, following the production of its aviation seats and galleys. Turkish Technic's new server and WAP features easy integration with various software applications and is providing flexibility in determining equipment configuration according to current system requirements.

# APOC Aviation opens new warehouse facility in Singapore

As part of the on-going strategic plan to expand its global footprint, APOC Aviation, the innovative leasing, trading, aircraft component and part-out specialist, has announced the opening of its first facility outside Europe. The new APOC base in Singapore will hold stock of modern A320 Family and B737 components, providing the local market with faster access to their stock of spares inventory. Karim Grinate, Vice President - Component Sales at APOC Aviation comments: "An Asia Pacific base means our stock is in place ready to serve the region as Asian operators get their fleets flying again. We believe that through regional deployment, operating in local languages and within the same time zone, we can deliver the fastest and most efficient service to our customers."

#### AerSale inducts first of 24 -owned Boeing 757-200 aircraft for passengerto-freighter (P2F) conversion at Goodyear MRO center

AerSale has inducted the first of its 24-owned Boeing 757-200 aircraft for passenger-to-freighter (P2F) conversion at its heavy-MRO center in Goodyear, AZ. All 24 of these aircraft are powered by Rolls-Royce RB211-535 engines, making this fleet the narrow-body freighter of choice due to its attractive payload, range and cost of ownership characteristics. AerSale's fleet of 24 B757-200 aircraft are presently stored at its Roswell, New Mexico MRO facility. AerSale will ferry these aircraft to its Goodyear, AZ facility for the performance of P2F conversions.

#### Honeywell, Sichuan Airlines ink deal on Auxiliary Power Units



Sichuan Airlines has selected the 131-9A APU for its 93 new A320 aircraft

Photo: Honeywell

Sichuan Airlines has selected Honeywell's 131-9A auxiliary power units (APUs) for its 93 new A320 aircraft that will enter service by 2025. The airline will also replace the APUs on its 141 existing A320 aircraft with the same Honeywell APU. This is the largest APU retrofit deal in Honeywell's history. The 131-9A APU will help Sichuan Airlines reduce flight delays and cancelations, creating a more pleasant flying experience for passengers. An APU is a critical piece of aircraft equipment that provides electrical power and air conditioning while the plane is on the ground. It helps ensure passenger comfort and supplies the air source before a pilot is ready to start the main engines. The 131-9A is known for its reliability and lower maintenance costs over the course of its entire life cycle, resulting in significant fuel savings each year.

#### **BBAM takes redelivery of first A321P2F**



The first A321P2F for BBAM at ST Engineering's Singapore aerospace facility in Seletar

Photo: ST Engineering

ST Engineering, Airbus, and their joint venture Elbe Flugzeugwerke (EFW) have redelivered an A321 passenger-to-freighter (P2F) aircraft to BBAM Limited Partnership (BBAM), a leading aircraft lease management company. This is the first A321P2F redelivery made to BBAM, with several more units to come as contracted with EFW. This first BBAM A321 converted freighter will be leased to British charter airline, Titan Airways. The A321P2F is the first in its size category to offer containerized loading in both the main (up to 14 full container positions) and lower deck (up to 10 container positions). EFW's A321P2F solution has a generous and proven gross payload of over 28 metric tons, with further upside potential in future conversions. The solution, which comes with optimized weight distribution to enable empty flights and random loading, accords high flexibility for operators, in particular express carriers. The fact that EFW's program is the only OEM solution for A321P2F in the market also ensures lifecycle value, given its superiority in quality, reliability, and ease of maintenance.

#### FINANCIAL NEWS

#### British Airways receives commitments for £2.0 billion U.K. Export Finance guaranteed five-year loan facility

International Airlines Group (IAG) announces that British Airways has received commitments for a five-year term-loan Export Development Guarantee Facility of £2.0 billion underwritten by a syndicate of banks, partially guaranteed by UK Export Finance (UKEF). British Airways expects to drawdown the facility in January 2021 subject to agreement of final terms with the lenders and UKEF. UKEF is the U.K.'s export credit agency and provides the Export Development Guarantee to support the working capital and capital expenditure needs of U.K. exporters that meet certain criteria. British Airways is entitled to repay the loan at any time on notice. The arrangement contains some non-financial covenants, including restrictions on dividend payments by the airline to IAG. The proceeds from the UKEF facility will be used to enhance liquidity and provide British Airways with the operational and strategic flexibility to take advantage of a partial recovery in demand for air travel in 2021 as COVID-19 vaccines are distributed worldwide. IAG continues to have strong liquidity with cash and undrawn facilities of €8.0 billion as of November 30, 2020, excluding the UKEF facility. In addition to the UKEF facility, the Group is exploring other debt initiatives to improve further its liquidity and will update the market in due course. (£1.00 = US\$1.36 at time of publication.)

# AerCap signed financing transactions for approximately US\$8.3 billion in 2020

AerCap Holdings N.V. (AerCap) has announced its major business transactions during the full year and fourth quarter of 2020: during the full year 2020, AerCap signed financing transactions for approximately US\$8.3 billion. The company signed lease agreements for 97 aircraft, purchased 36 new aircraft, and executed sale transactions for 46 aircraft. During the fourth quarter of 2020 AirCap has signed financing transactions for approximately US\$2.8 billion. The company signed lease agreements for 31 aircraft, including nine wide-body aircraft and 22 narrow-body aircraft. AirCap purchased 18 aircraft, including 12 Airbus A320neo Family aircraft, one Boeing 787-9, and five Embraer E2s, and executed sale transactions for 12 aircraft, including two Airbus A320 Family aircraft, two Boeing 737NGs, two Boeing 737 Classics, two Boeing 757s, three Boeing 767-300ERs, and one Boeing 777-300 from AerCap's owned portfolio.

#### **Engine Lease Finance and Bamboo Airways close spare LEAP SLB**



Bamboo Airways

Photo: AirTeamImages

Engine Lease Finance Corporation and Bamboo Airways have completed their first LEAP-1A spare engine sale-and-leaseback transaction. Following this new delivery from CFM, Olaf Knuth (ELF VP Sales & Marketing) commented "We are delighted to close this transaction with Bamboo Airways and proud to welcome another new customer".

#### Vallair spearheads A321 passenger-to-freighter conversions in China



Vallair spearheads A321 passenger to freighter conversions in China

Photo: ST Engineering

Vallair, the multi-faceted aviation business and launch customer of the Airbus A321 freighter, is pioneering the first passenger-to-freighter conversions to be undertaken in China. "We are excited to be embarking on the next phase of our A321 passenger-to-freighter conversion activity," says Gregoire Lebigot, CEO of Vallair. "MSN 1017 will be the first of nine aircraft scheduled to be converted in China, this is an important milestone." The work is being undertaken for Vallair by EFW at the ST Engineering facility in Guangzhou and the aircraft is planned for delivery in Q3 2021 to cargo-operator, SmartLynx. Vallair has previously partnered with EFW in Asia on the conversion of its inaugural A321F. This was undertaken at its Singapore facility and delivered to launch operator Qantas Freight in October. Recently, the company signed an MoU (Memorandum of Understanding) with U.S. operator GlobalX for ten conversions, and it has leased a further two to SmartLynx Malta. Lebigot goes on to say that the conversion of a younger aircraft variant will ensure that operators are flying with newer technologies and as the aircraft is still in production, few supply chain issues are anticipated. "Vallair is keen to introduce the A321F to the Chinese market as we see strong potential for the freighter in its active e-commerce sector. Our decision to commission the conversion process for a significant number of our lease portfolio 'in-country' demonstrates not only our confidence in the future implementation of this type, but also our commitment to local technical and engineering resources."

#### FINANCIAL NEWS

#### Jet Parts Engineering acquires Aero-Spares

Jet Parts Engineering (JPE), a PMA parts supplier, has announced the acquisition of AeroSpares. AeroSpares was founded in 1993 to provide airlines with alternate means of customer support and focuses on reducing aircraft and engine direct and indirect costs with FAA-approved replacement parts for a variety of large commercial aircraft. The transaction was overseen by Vance Street Capital LLC, a middle-market private-equity firm focused on investing in highly engineered solutions businesses across the aerospace and defense, industrial, and medical markets. JPE is a Vance Street Capital portfolio company.

# Bombardier finalizes acquisition and full ownership of aircraft service center in Berlin

Bombardier, the Canadian plane and train maker has announced it has completed the acquisition of all issued and outstanding shares that it did not currently own from Lufthansa Technik AG and ExecuJet Aviation Group AG, for Berlin Service Centre. The company can now establish a wholly owned service center in Berlin which will enable it to expand its global customer support footprint. "We welcome the highly talented employees of the Berlin Service Centre to the Bombardier service network," said Chris Debergh, Vice President, OEM Parts and Services, Bombardier. "We value their expertise and customer focus as part of the Bombardier team, they will continue to provide best-in-class aircraft maintenance services to our valued operators of Bombardier business aircraft." The center is strategically located at Berlin Brandenburg Airport, the service center has been providing exceptional MRO services to Bombardier business aircraft customers since 1997. With more than 160,000 sq. ft. (15,000 sq. meters) of service capacity and 240 highly skilled employees on site, the service center provides customers with the highest-level maintenance and support for Bombardier's growing fleet of Learjet, Challenger and Global business jets based in Europe, Russia, Africa and the Middle East. Berlin Service Centre was the first in Europe to perform maintenance on Bombardier's flagship Global 7500 aircraft. The state-of-the-art service center has recently been modernized and has also transformed its shop floor to maximize efficiencies and streamline processes.

#### Recaro Aircraft Seating reveals seat for Emirates' first premium economy cabin



Emirates' new premium economy seats

Photo: Recard

Recaro Aircraft Seating (Recaro) has revealed a luxury seat for Emirates' first premium economy cabin. The customized seat design was a result of a collaboration between Recaro and Emirates, which began in April 2019 at a seat show held in parallel to the Aircraft Interiors Expo. The ergonomic shape of the seat (PL3530) finds its roots in the premier automotive seat design that Recaro has been perfecting since 1963 and sets trim and finish-wise a new standard in premium economy representing the best of "Made in Germany." The fusion of ingenious engineering and the luxury expected when flying Emirates has set new standards for the premium economy class experience. For Emirates, the PL3530 design team prioritized state-of-the-art features like the ones found in upscale German cars and combined them with the spirit of Dubai. The seat features a bronze trim, a distinct finish, and a cream-colored leather dress cover, complete with a one-of-a-kind stitching. First deliveries of the seats began in Q4 2020, and at least 250 shipsets will ultimately be installed on Emirates' fleet.

#### Aeropeople wins multi-million-pound deal with Virgin Atlantic



Virgin Atlantic Airbus A350

Photo: Aeropeople

Aeropeople Engineering Services, part of Aeropeople, has won a three-year multi-million-pound contract with Virgin Atlantic Airways that will see it manage cabin interior maintenance, repair and refurbishment across the airline's entire global fleet. The deal will see Aeropeople establish a team of around 80 people based at Heathrow where they will work in partnership with interiors service provider Cabinair, part of the SA Group, to provide an end-to-end service for the airline across its Boeing 787 and Airbus A330/A350 aircraft.

#### MILITARY AND DEFENCE

# Israel Aerospace Industries wins three avionic upgrade tenders in South Korea

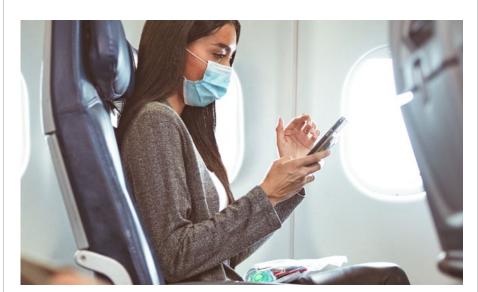
Israel Aerospace Industries' (IAI) Aviation Group has won three avionic upgrade contracts worth approximately US\$50 million in South Korea, in 2020. The win includes three different aircraft types used by the Korean Air Force. The avionic upgrade process includes converting a used aircraft and retrofitting it with all or part of the avionic systems with new and advanced systems. The result is an aircraft with advanced performance, capable of meeting the challenges of modern military or civilian aviation.

# GE awarded new contract for additional T408 turboshaft engines

GE Aviation has been awarded a US\$111.9 million contract with NAVAIR for fourth Lot T408 engines to power the U.S. Marine Corps' most advanced heavy-lift helicopter, the Sikorsky CH-53K King Stallion. This latest contract of Low Rate Initial Production (LRIP) engines follows three previous LRIP contracts for this program, the most recent being in August 2019. GE Aviation's Lynn, Mass., plant will perform final assembly for the Lot 4 engines.

#### INFORMATION TECHNOLOGY

Global Aviation software specialist Ramco Systems will implement its flagship aviation software, Ramco Aviation M&E MRO Suite, for Iberia Maintenance (Iberia MRO), one of Europe's leading MRO service providers. Ramco Aviation Software will replace multiple systems to unify operations across Airframe Maintenance, Engine Shops, Component Shops & Supply Chain. In addition, Iberia Maintenance will also benefit from digital enablers such as Mobility via AnywhereApps, HUBs, Artificial Intelligence (AI), Dashboards and integration to ecosystem offerings powered by Ramco. The technology transformation program will enable Iberia Maintenance to future-proof its business growth while offering simplified user experience driving better user adoption, increase process automation and self-service, among others. Implementing this new ERP (Enterprise Resource Planning) brings four important advantages for Iberia MRO: first, maximum mobility in accessing documentation and assigning maintenance tasks online, among others; second, information, and real-time update of the work carried out on the Aircraft; third, the reliability and agility of having a single source of information for the Iberia MRO production management system and, finally, a much more sustainable and efficient paperless



Delta will bring Viasat technology onboard its aircraft

Photo: Delta

**Delta** has finalized a partnership with high-speed Wi-Fi provider **Viasat** and has taken steps to launch the Delta-developed Wi-Fi access portal – a user interface that enhances how you interact with Wi-Fi. Adding Viasat's next-generation satellite technology (Ka- Band) to its fleet of aircraft gives the airline more options to modernize how customers stay connected and enjoy content during travel. Glenn Latta, Managing Director – In-flight Entertainment & Wi-Fi: "We can't wait to bring Viasat technology onboard, which is currently planned for this summer. It is no secret that bringing a brand-new Wi-Fi system onboard our aircraft will take time – the process from approvals to testing to implementation often takes several months. We are starting with our new delivery A321ceo, 737-900ER and select 757-200 aircraft. That is over 300 mainline narrow-body aircraft, with opportunities for additional aircraft in the future. The portal will be rolled out in tandem with new installations of the Viasat system, with the goal of offering the unified and consistent experience across all Viasat Wi-Fi-enabled aircraft. To meet our long-term goals, we will work closely with multiple Wi-Fi suppliers, including both Gogo and Viasat. Working with multiple partners means we can pair the right technology with the right fleet. We want to ensure customers always have access to Wi-Fi when available."



Photo: Lufthansa Group airlines

Swissport has been awarded a major long-term contract by the Lufthansa Group for Switzerland. The new contract secures significant business volumes. It covers passenger services and airport ramp handling for Lufthansa, Swiss International Air Lines, Austrian Airlines, and Edelweiss Air at the airports in Zurich, Geneva, and Basel. The new seven-year contract with the Lufthansa Group runs from January 1, 2021 until December 31, 2027. The win comes after a recent agreement for Qantas' ground services at the three major Australian airports in Sydney, Melbourne and Canberra. Swissport is in the final stage of completing a financial restructuring and will emerge from the pandemic crisis with a strengthened balance sheet, which will see its ownership transferred to a group of new shareholders.

solution, as Ramco Aviation ERP eliminates printing and scanning for tasks to be performed. This new ERP developed by Ramco will be used by more than 3,000 Iberia maintenance personnel. A 50-strong team will work in its implementation project.

#### **OTHER NEWS**

December, Finnair carried 92,500 passengers, which was 92.0% fewer than in the corresponding period of 2019 but 8.8% more than in November 2020. The COVID-19 impact, including the exceptionally strict travel restrictions imposed by Finland, still affected all passenger traffic figures. It was visible especially in the North Atlantic figures (no scheduled flights in December). Overall capacity (ASK) decreased in December by 90.1% year on year. Finnair operated 75 daily flights (cargo-only included) on average, which was 21.5% compared to December 2019. The differences between capacity figures are explained by the shorter operated flights on average and by smaller operated aircraft compared to December 2019. Finnair's traffic (RPKs) decreased by 96.1%. The Passenger Load Factor (PLF) decreased by 47.1% points to 30.1%. The ASK decline in Asian traffic was 89.5%. The North Atlantic capacity decreased by 100.0%. In European traffic, the ASKs were down by 91.3%. The ASKs in domestic traffic decreased by 73.8%. RPKs decreased in Asian traffic by 98.3%, in North Atlantic traffic by 100.0%, in European traffic by 94.3% and in domestic traffic by 79.4%. The PLF was 12.4% in Asian traffic but it was supported by the strong cargo operations and a high cargo load factor. The PLF was 50.0% in European traffic and 52.2% in domestic traffic, whereas there was no PLF figure in North Atlantic traffic due to zero passenger flights in December. Passenger numbers decreased in Asian traffic by 98.3%, in North Atlantic traffic by 100.0%, in European traffic by 93.3% and in domestic traffic by 82.2%.

#### The International Air Transport Association

(IATA) has announced that the recovery in passenger demand which had been slowing since the Northern hemisphere's summer travel season, came to a halt in November 2020. Total demand (measured in revenue passenger kilometers or RPKs) was down 70.3% compared to November 2019, virtually unchanged from the 70.6% year-to-year decline recorded in October. November capacity was 58.6% below previous-year levels and load factor fell 23.0 percentage points to 58.0%, which was a record low for the month. International passenger demand in November was 88.3% below November 2019, slightly worse than the 87.6% year-to-



Airbus A320 FFS

Photo: BAA Training Vietnam

BAA Training Vietnam and Vietravel Airlines have signed a long-term partnership agreement to actively consolidate reliable and fruitful ties seeking to create value for both organizations. BAA Training has committed to the startup airline Vietravel, controlled by Vietnam's leading tour operator Vietravel, to provide wet and dry Airbus A320 full-flight simulator lease services. The first students started training on the Airbus A320 full-flight simulator (FFS) in November 2020. Additionally, Vietravel has expressed interest in the firefighting training which can also be arranged by BAA Training Vietnam. The brand-new training device V9000 Commander will be used for these purposes upon request. Based at Phu Bai International Airport, Vietravel is getting ready to penetrate a fiercely competitive aviation market. Despite the country's restrictions, the carrier will make its first commercial flight in mid-January 2021, well before the previously set date for 2021. The newcomer plans to order a fleet of three-to-four aircraft in the first year and add another one or two by the end of next year.



Israir

Photo: AirTeamImages

Subsequent to the signing of the Abraham Accords peace agreement, Israer Airlines has signed an agreement with Etihad Aviation Training (EAT), part of which includes a 'dry lease' enabling the Israeli carrier to train its pilots on EAT's Airbus A320 full-flight simulator in Abu Dhabi using its own instructors. EAT offers a wide range of training products and services, including airline training, type rating, cabin crew safety training, instructor training and cadet programs, and aircraft maintenance training, making it one of the largest training facilities in the Middle East. "Continuing our commitment to providing highly skilled pilots by offering state-of-the-art training facilities, EAT is looking forward to working with Israir Airlines and is anticipating further collaboration with the airline to cement this landmark agreement," said Captain La Cava Managing Director Etihad Aviation Training.

# AVITRADER Weekly Aviation Headline News

#### **OTHER NEWS**

year decline recorded in October. Capacity fell 77.4% below previous-year levels, and load factor dropped 38.7 percentage points to 41.5%. Europe was the main driver of the weakness as new lockdowns weighed on travel demand. Recovery in domestic demand, which had been the relative bright spot, also stalled, with November domestic traffic down 41.0% compared to the prior year (it stood at 41.1% below the previous year's level in October). Capacity was 27.1% down on 2019 levels and the load factor dropped 15.7 percentage points to 66.6%.

Ryanair has briefed the markets that it now expects the newly announced COVID lockdowns in Ireland, the U.K., and a small number of other EU countries this week, will materially reduce its flight schedules and traffic forecast through January, February, and March. Ryanair now expects its January traffic to fall to under 1.25 million passengers, and that new COVID restrictions could also reduce February and March traffic to as little as 500,000 passengers each month. In response, Ryanair will significantly cut its flight schedules from January 21, which will result in few, if any, flights being operated to/from Ireland or the U.K. from the end of January until such time as these travel restrictions are removed. These new cutbacks will reduce full year (FY March '21) traffic forecast from currently "below 35 million" to between 26 million to 30 million passengers. Ryanair does not expect these flight cuts and further traffic reductions will materially affect its net loss for the year to March 31, 2021 since many of these flights would have been loss making.

In order to comply with EU regulations for European-operated airlines, both Ryanair and Wizz Air have barred U.K nationals from buying shares in either airline and have both reclassed shares owned by U.K. nationals prior to January 1, 2021 as "restricted shares" where these shareholders "shall not be entitled to attend, speak or vote at any general meeting of the company." However, existing U.K. shareholders have not been asked to sell their shares, though the Ryanair Board has the power to require a sell-down of shares by non-EU shareholders. When they do decide to sell them, U.K. shareholders shares will only be able to be bought by a national of a Member European state. "These resolutions will remain in place until the Board of the Company determines that the ownership and control of the company is no longer such that there is any risk to the airline licenses held by the Company's subsidiaries pursuant

to EU Regulation 1008/2008," Ryanair said. London-listed Hungarian airline Wizz Air made a similar move recently after stating "that if it did not take action, around 80% of its shares would be held by non-EU citizens as the U.K. leaves the EU." The move from the two airlines enables them to operate within European ownership regulations, which state: "To fly between two EU countries, airlines must be directly or indirectly majority-owned and effectively controlled by EU citizens or those of some other EU-affiliated countries, such as Norway and Switzerland."

#### **INDUSTRY PEOPLE**



David Settergren

Jav Aiken

 SR Technics has announced appointments of top business development commercial executives, reporting directly to Senior Vice President Caroline Vandedrinck. David Settergren started with SR Technics as Vice President Asia mid-November 2020. A seasoned aviation professional, Settergren has over 25 years of experience in the Asia Pacific/ Oceania region and demonstrated success in both commercial and

business jet sectors. While honing his expertise in areas like marketing, sales, contract negotiation, business development and customer management, he held a range of posts at GE Aviation, GECAS, AerSale and Global Jet Capital before founding and serving as CEO of DS Aviation Consulting. Jay Aiken, who commenced his duties as Vice President Americas in January 2021, brings 30 years of experience in aircraft and engine aftermarket commercial MRO sales, leasing, and maintenance. Before joining SR Technics, Aiken held numerous roles of increasing responsibilities with Aero Capital Solutions, where he was responsible for sales and leasing in the Americas, and StandardAero, where he led the Americas engine MRO sales team. Prior to that, he held a range of posts at Delta Airlines including TechOps MRO sales, maintenance supervision, project management, flight operations, and supply chain.



Antonio Vázquez

• International Consolidated Airlines Group (IAG) has released that Antonio Vázquez has retired as a director of the company and chairman of the Board. As previously announced, Javier Ferran has

succeeded Antonio as chairman. Javier Ferran, IAG chairman, said: "Antonio was instrumental in the creation and development of IAG and has led the Board with integrity and rigor since the Group's formation in January 2011. He has made a huge contribution to IAG and, previously, in his role as president of Iberia. On behalf of the Board, I'd like to thank Antonio for his commitment and support and wish him well in the future."



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







#### **Commercial Jet Aircraft**

Commerc	ial Jet Aircraft								
Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	DVB Bank	CFM56-5B63	3586	2008	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-100	DVB Bank	V2522-A5	2375	2005	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-100	FPG Amentum	V2527M-A5	3705	2008	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
A319-100	BBAM	CFM56-5B5/P	2129	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 415 486 6100
A319-100	BBAM	CFM56-5B5	2249	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	BBAM	CFM56-5B5/P	1362	2000	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	ALTAVAIR	CFM56-5B6/P	1102	1999	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A320	DVB Bank	V2527	4323	2010	Q2/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.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	3831	2009	Q1/2021	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	DVB Bank	V2527-A5	3734	2009	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-214	DVB Bank	CFM56-584/3	3767	2009	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-230	DVB Bank	V2527-A5	4552	2010	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-251neo	FPG Amentum	LEAP 1A26	8300	2018	Now	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
A330-200	ORIX Aviation	Trent 772B-60	1306	2012	Now	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A330-200	DVB Bank	CF6-80E	814	2007	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-200	GA Telesis	CF6-80E1A4	510	2002	Now	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A330-200 (16x)	ALTAVAIR	Trent 772B-60/16	various	05-14	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A330-200	Doric	Trent 772B-60/16	1407	2013	Q1/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-200	Doric	CF6-80E1A4/B	883	2007	Q1/2021	Sale	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-300 (6x)	ALTAVAIR	Trent 772-60/19	various	09-11	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
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	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	PW4168A	403	2003	Sep 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	DVB Bank	Trent 772B-6	1146	2010	Q2/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-300	FPG Amentum	Trent 772B-60EP	1427	2013	Now	Sale / Lease	Rupert Leggett	rupert.leggett@fpg-amentum.aero	+353 86 041 9902
B737-700	BBAM	CFM56-7B22	38125	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38126	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38127	2011	Mar 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B20	32414	2002	Feb 2021	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	DVB Bank	CFM56-7B	30659	2003	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	FPG Amentum	CFM56-7B27E	40259	2013	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	FPG Amentum	CFM56-7B26/3	35647	2009	Q2/2021	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800	FPG Amentum	CFM56-7B26/3	39162	2009	Q3/2021	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
B737-800	FPG Amentum	CFM56-7B26/3	39163	2009	Q4/2021	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
B737-800	GA Telesis	CFM56-7B26	30230	1999	Feb 2021	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B737-800	DVB Bank	CFM56-7B26E	40880	2012	Q1/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	30294		Q4/2020	Sale	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	33798	2003	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	33799	2004	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	34015	2004	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B26E	38034	2012	Q1/2021	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ALTAVAIR	CFM56-7B26	27985	2000	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B737-800	ALTAVAIR	CFM56-7B26	28382	2000	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
B737-800	BBAM	CFM56-7B26	28595	1999	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800SF	GA Telesis		28826	1999	Q2/2021	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B737-800SF	GA Telesis		32903	2002	Q4/2020	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
B737-900	BBAM	CFM56-7B26/3	34953	2002	Dec 2020	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	Doric	GE90-115BL1	35592	2009	Q2/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	Doric	GE90-115BL2	36158	2009	Q2/2021 Q2/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	DVB Bank	GE90-115B	37705	2009	Q1/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
2111-200EK	D V D Dalik	OL50-110D	31103	2008	₩ 1/2UZ I	Jaie / Lease	oonaman LUUUII	as. artouico@avabalin.com	177 207 200 4449







#### Regional Jet / Turboprop Aircraft

Regional Jet	17 Turboprop Airc	iait							
Aircraft Type Co	ompany	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
ATR72-600 AE	ELIS Group	PW127N	1172	2014	Now	Sale	Mirka Tomasovicova	contact@aelisgroup.com	+42 1911973118
ATR72-600 AE	ELIS Group	PW127N	1196	2014	Now	Sale	Mirka Tomasovicova	contact@aelisgroup.com	+42 1911973118
ATR72-600 AE	ELIS Group	PW127N	1199	2014	Now	Sale	Mirka Tomasovicova	contact@aelisgroup.com	+42 1911973118
ATR72-600 AE	ELIS Group	PW127N	1231	2015	Now	Sale	Mirka Tomasovicova	contact@aelisgroup.com	+42 1911973118
CRJ-200LR Re	egional One	CF34-3B1	8062	2006	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext.164
CRJ-700 Re	egional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext.164
20) DHC-8-400 FF	PG Amentum	PW150A	multiple 20	03-2011	Now	Sale / Lease	Rupert Leggett	rupert.leggett@fpg-amentum.aero	+353 86 041 9902
00328 Jet Re	egional One	PW306B	3185	2001	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext.164
ERJ170-100LR Re	egional One	CF34-8E5	17000123	2006	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext.164
ERJ-145LR Re	egional One	AE3007A1	145304	2001	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext.164
ERJ-145LR Re	egional One	AE3007A1	145331	2000	Now	Sale / Lease	Andre Boudreaux	Aboudreaux@regionalone.com	-1(305) 759-0670 Ext.164
Commercial	Engines								
AE3007 Engines		Sale / Lease		Compa	any		Contact	Email	Phone
(3) AE3007A1P		Now - Sale/Lease/	Exch.	Region	al One		Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
CF34 Engines		Sale / Lease		Compa	any		Contact	Email	Phone
CF34-8E5		Now - Lease		Lufthar	nsa Technik A	ERO 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							
2) CF34-8C5B1		Now - Sale / Lease		Region	al One		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
1) CF34-3B1		Now - Sale / Lease	•	ŭ			Ü		, ,
1) CF34-3B1 (dual re	elease tag)	Now - Sale		FL Tec	hnics		Modestas Valiuševičius	m.valiusevicius@fltechnics.com	+370 6 54 96179
3) CF34-10E		Now - Lease		Willis L	ease		Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
1) CF34-8E5A1		Now - Lease		Magell	an Aviation G	roup	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204x202
1) CF34-8C5A1		Now - Lease							
2) CF34-10E6		Now - Lease		Engine	Lease Finan	ce	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
F6 Engines		Sale / Lease		Compa	any		Contact	Email	Phone
1) CF6-80C2B7F		Now - Sale / Lease	)	GA Te	lesis		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.	ALTAV	'AIR		Clive Bowen	clive.bowen@altavair.com	+44 2075351602
(2) CF6-80E1		Now - Lease		DVB B	ank		Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(1) CF6-80E1A4B		Now - Sale / Lease	•	Castlel	ake		Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
CFM Engines		Sale / Lease		Compa	any		Contact	Email	Phone
(2) CFM56-5B (al	Il thrust levels)	Now - Sale / Lease	)	Contra	il Aviation		Kevin Milligan	kevin@contrail.com	+1 949-933-0797
(2) CFM56-7B (al	Il thrust levels)								
(1) CFM56-5B4/P (fu	III QEC)	Now - Lease		FTAI A	viation LLC		Tom McFarland	tmcfarland@ftaiaviation.com	+1 786 785 0787
(1) CFM56-5B5/P		Now - Lease							
(1) CFM56-5B8/P		Now - Lease							
2) CFM56-7B26 (full	I QEC)	Now - Lease							
1) CFM56-7B24		Now - Lease							
1) CFM56-7B22 (wit	th QEC)	Now - Lease							
2) CFM56-7B24/3		Now - Lease		Willis L	ease		Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
2) CFM56-5B4/3		Now - Lease							
1) CFM56-5C4/P		Now - Lease							
1) CFM56-7B224/E		Now - Lease							
(1) CFM56-5C		Now - Lease							



Now - Lease

(1) CFM56-7B27/B3









#### Commercial Engines (cont.)

Commercial Engines (cont.)					
(1) CFM56-5B3/3 PIP	Now - Lease	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(2) CFM56-7B26	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 703
(3) CFM56-5B5/P	Now - Sale / Lease				
(2) CFM56-7B22	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.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) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(2) CFM56-5B4/P	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B22	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-311
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-5B4/P	Now - Sale / Lease				
(2) CFM56-7B26/27	Now - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(2) CFM56-5B6/P	Now - Lease		•		. ,
(1) CFM56-5B4/P	Now - Lease				
JT8D and JT9D Engines	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-219	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GE90 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) GE90-115B	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) GE90-94B	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) GE90-115BL (Propulsor)	Now - Lease	Engine Lease Finance	Decian Madigan	deolari.madigan@ello.com	1333 01 2917 11
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(1) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam		+1 (561) 349-8950
. ,	Now - Lease	VVIIII S ECUSE	Jennilei Wemam	leasing@willislease.com	+1 (301) 349-0930
(2) LEAP-1A33	Now - Lease	Engine Lease Finance	Deelen Medigen	dealan madigan@alfa.com	.050.04.004745
(1) LEAP-1A32		Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) LEAP-1A26	Now - Lease	Company	Contact	Email	Dhone
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(3) PW121	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW123B/E	Now - Sale / Lease				
(3) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Now - Sale / Lease				
(1) PW123	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(3) PW150A	Now - Sale/Lease/Exch.				
(3) PW127M	Now - Sale/Lease/Exch.				
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				
(1) PW120A	Now - Sale / Lease	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
		-	-		• •
(1) PW120	Now - Sale/Lease/Exch.				
(1) PW120 (1) PW123E					
(1) PW120 (1) PW123E (4) PW126	Now - Sale/Lease/Exch.  Now - Sale/Lease/Exch.  Now - Sale/Lease/Exch.				



PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(2) PW123	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) PW120A	Now - Sale				
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610
RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-535E4	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
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
(1) Trent 892B-17	Now - Sale	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
(1) Trent 892B-17	Now - Sale / Exchange				
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) V2433-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2530-A5	Now - Lease				
(2) V2527-A5	Now - Lease				
(1) V2527E-A5 (full QEC)	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaviation.com	+1 786 785 0787
(1) V2527-A5	Now - Lease			<u>e</u>	
(2) V2522-A5	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(2) V2527-A5	Now - Lease			9	
(2) V2527-A5	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204
(3) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2527-A5	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
Aircraft and Engine Parts, Co			,	, es	
	inponents and wis	Company	Contact	Email	Phone
Description (1) GTCP331-500B	Now Sale / Evolunge	Centaurus Services/MASB	Paul Bithavas		+61 408 389 241
• •	Now - Sale / Exchange	Centaurus Services/MASB	Paul Billiavas	paul.bithavas@centaurus.services	+01 400 309 241
Trent 892B-17 Modules	Now - Sale	Catao IO	David Chaimavita	david@aatraia.com	+1-312-549-4459
(2) GTCP331-200ER, (2) GTCP131-9A,	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) GTCP131-9B					
(1) A321 Enhanced Landing Gear 2020 OH		OFMAN	***		
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
Landing gear shipsets	Now - Sale	GA Telesis	Danielle Rodon	landinggearsales@gatelesis.com	+1 954 865 9314
737-800, A320					
767-300ER 413K, 737-300 LANDING GEAR	Now - Sale/Lease/Exch.	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GTCP85-98DHF APU	Now - Sale/Lease/Exch.				
CFM56-3 LPT MODULE, REPAIRED	Now - Sale/Lease/Exch.				
CFM56-3 ENGINE STAND	Now - Lease				
(1) GTCP36-150RJ, (2) GTCP36-100M,	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					
GTCP131-9A (2), GTCP131-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP131-9A (2), GTCP131-9B(2) GTCP331-200, GTCP331-250	Now - Lease Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
		REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250 APS500C14(3), APS1000C12(2), APS2000	Now - Lease Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250 APS500C14(3), APS1000C12(2), APS2000 APS2300, APS3200(2), APS5000(2)	Now - Lease Now - Lease Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
GTCP331-200, GTCP331-250 APS500C14(3), APS1000C12(2), APS2000 APS2300, APS3200(2), APS5000(2) PW901A(4), PW901C(2)	Now - Lease Now - Lease Now - Lease Now - Sale / Lease	REVIMA APU  Royal Aero	Olivier Hy Gary MacLeod	olivier.hy@revima-apu.com gary@royalaero.com	
GTCP331-200, GTCP331-250  APS500C14(3), APS1000C12(2), APS2000  APS2300, APS3200(2), APS5000(2)  PW901A(4), PW901C(2)  TSCP700-4E	Now - Lease Now - Lease Now - Lease Now - Sale / Lease Now - Sale		,		+44 (0)141 389 3014
GTCP331-200, GTCP331-250  APS500C14(3), APS1000C12(2), APS2000  APS2300, APS3200(2), APS5000(2)  PW901A(4), PW901C(2)  TSCP700-4E  (1) PW901A APU	Now - Lease Now - Lease Now - Lease Now - Sale / Lease Now - Sale Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)141 389 3014 +1 561-771-4253
GTCP331-200, GTCP331-250  APS500C14(3), APS1000C12(2), APS2000  APS2300, APS3200(2), APS5000(2)  PW901A(4), PW901C(2)  TSCP700-4E  (1) PW901A APU  Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Lease Now - Lease Now - Lease Now - Sale / Lease Now - Sale	Royal Aero ASI Aero	Gary MacLeod Dean Morgan	gary@royalaero.com deanm@asiaero.net	+44 (0)141 389 3014 +1 561-771-4253 +44 207 190 6138
GTCP331-200, GTCP331-250  APS500C14(3), APS1000C12(2), APS2000  APS2300, APS3200(2), APS5000(2)  PW901A(4), PW901C(2)  TSCP700-4E  (1) PW901A APU  Neutral V2500-A5 QEC Kits (2) 745K9001-64  (1) APU T-62T-40C	Now - Lease Now - Lease Now - Lease Now - Sale / Lease Now - Sale Now - Sale Now - Sale Now - Sale	Royal Aero ASI Aero Castlelake	Gary MacLeod Dean Morgan Stuart MacGregor	gary@royalaero.com deanm@asiaero.net Stuart.macgregor@castlelake.com	+44 (0)141 389 3014 +1 561-771-4253 +44 207 190 6138 +1-417-622-7215
GTCP331-200, GTCP331-250  APS500C14(3), APS1000C12(2), APS2000  APS2300, APS3200(2), APS5000(2)  PW901A(4), PW901C(2)  TSCP700-4E  (1) PW901A APU  Neutral V2500-A5 QEC Kits (2) 745K9001-64  (1) APU T-62T-40C  (2) GTCP131-9A, (3) GTCP331-350, (1) APS320	Now - Lease Now - Lease Now - Lease Now - Sale / Lease Now - Sale Now - Sale Now - Sale Now - Sale	Royal Aero ASI Aero Castlelake	Gary MacLeod Dean Morgan Stuart MacGregor John Wales	gary@royalaero.com deanm@asiaero.net Stuart.macgregor@castlelake.com apu@gatelesis.com	+44 (0)141 389 3014 +1 561-771-4253 +44 207 190 6138 +1-417-622-7215 +1-954-676-3111
GTCP331-200, GTCP331-250  APS500C14(3), APS1000C12(2), APS2000  APS2300, APS3200(2), APS5000(2)  PW901A(4), PW901C(2)  TSCP700-4E  (1) PW901A APU  Neutral V2500-A5 QEC Kits (2) 745K9001-64  (1) APU T-62T-40C  (2) GTCP131-9A, (3) GTCP331-350, (1) APS320  Engine stands: CF6-80C2, CFM56-3, CFM56-5, 6	Now - Lease Now - Lease Now - Lease Now - Sale / Lease Now - Sale Ooc - Sale Now - Sale Now - Sale	Royal Aero ASI Aero Castlelake GA Telesis	Gary MacLeod Dean Morgan Stuart MacGregor John Wales Stephen Toutt	gary@royalaero.com deanm@asiaero.net Stuart.macgregor@castlelake.com apu@gatelesis.com stands@gatelesis.com	+44 (0)141 389 3014 +1 561-771-4263 +44 207 190 6138 +1-417-622-7215 +1-954-676-3111 +1 (561) 349-8950