



### **Weekly Aviation Headline News**

#### **WORLD NEWS**

#### LATAM to expand fleet with 10 more Boeing 767 aircraft

AVITRADER Medications

LATAM Group announced the expansion of its freighter fleet with plans to add 10 Boeing 767-300 Boeing Converted Freighters over the next three years. This will bring the fleet size to up to 21 freighters by 2023. The first aircraft will be expected to begin operations in December 2021. The Group's freighter fleet growth plan initially included four firm conversion orders with Boeing and another four conversion options.

### dnata Singapore streamlines ground handling with Hermes NG

Ground handler dnata Singapore has begun implementation of Hermes Logistics Technologies (HLT)'s New Generation (NG) Ecosystem (Hermes NG) at Changi Airport. The scalable cloud ecosystem, which includes the Hermes 5 Cargo Management System (CMS), NG Business Intelligence (BI) and Datalakes, Hermes Track&Trace and additional apps, will support dnata's ongoing digitisation drive. Hermes NG will help to streamline workflows, provide greater transparency across the handling process, and improve data sharing for all sections of the supply chain.

### Air Serbia and Aeroflot expand codeshare partnership

Air Serbia and Aeroflot have signed an agreement to expand their existing codeshare partnership. The Serbian and Russian national airlines will add each other's flight codes on additional flights that were introduced on the Belgrade-Moscow route. Air Serbia operates seven, and Aeroflot six flights a week between Serbian and Russian capitals. Aeroflot will also place its code on Air Serbia's flights between Belgrade and Saint Petersburg, which will be operated twice a week, starting 8 June.



is upgrading to a new fuel effficient fleet.

Photo:

#### **Cathay Pacific commits to greener aviation**

With net-zero carbon emissions by 2050

The Cathay Pacific Group has committed to achieving netzero carbon emissions by 2050. The airline Group says it is one of the first carriers in Asia to establish a timeline for making carbon neutrality a reality. The airline's commitment precedes

the release of the Group's Sustainable Development Report 2020, which details the Group's strategy and performance in environmental, social and governance aspects.

Cathay Pacific Chief Executive Officer Augustus Tang said: "The unprecedented pandemic has shaken the world and showed us that 'business as usual' is not an option when dealing with an

imminent global risk. Climate change, potentially a much more disruptive crisis, calls for ramped-up efforts."

While the aviation industry contributed less than 3% of the world's man-made CO2 emissions

"Climate change, potentially a much more disruptive crisis, calls for ramped-up efforts."

Cathay Pacific Chief Executive Officer Augustus Tang

prior to the Covid-19 pandemic, Cathay Pacific, as an airline, embraces its responsibility to lead the charge towards sustainable aviation and ensure future generations can experience the joy of travel.

Tang said: "Our net-zero pledge aligns with the requirements laid out in the UN's Intergovernmental Panel on Climate Change (IPCC) and the Paris Agreement, and provides the focus we need in aligning our strategy – from fleet planning and carbon offsetting to

further investment in Sustainable Aviation Fuel (SAF) and the development of new technologies."

The key focus areas to reach carbon neutrality include

investing in SAF. The Group is increasing its use of SAF, with the aim of making it viable for mainstream adoption. By offsetting carbon emissions, Cathay Pacific's carbon offset

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...continued from page 1

programme, Fly Greener, will give passengers the opportunity to purchase offsets based on the CO2 emissions generated from their flight. Also, reducing emissions through efficiency enhancement. The Group says it is constantly working to reduce aircraft emissions, such as upgrading to a new fuel-efficient fleet and reducing engine use on the ground.

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

### CargoAir becomes first European operator of AEI's B737-800SF

Aeronautical Engineers has successfully redelivered CargoAir's first B737-800SF freighter. This aircraft (MSN 30664) also represents the first AEI B737-800SF freighter conversion to be operated in Europe. AEI received EASA approval for the B737-800SF on May 7, 2021. In November of last year, CargoAir, based in Sofia, Bulgaria, signed up for two AEI B737-800SF freighter conversions after cancelling an agreement for two B737-800BCFs. The second AEI B737-800SF freighter conversion for CargoAir will commence modification in

June and will be performed by the authorized AEI conversion center, Commercial Jet in Miami, Florida. The AEI converted B737-800SF freighter offers a main deck payload of up to 52,700 lbs. (23,904 kg) and incorporates eleven full-height 88" x 125" container positions, plus an additional position for an AEP/AEH. The conversion also incorporates new floor beams aft of the wing box and a large 86" x 137" main cargo door with a single vent door system.

#### ST Engineering signs LOI to lease up to five A321P2F aircraft to Global Crossing Airlines

ST Engineering's Aviation Asset Management unit has signed a Letter of Intent (LoI) to lease up to five Airbus A321 Passenger-to-Freighter (P2F) aircraft to Global Crossing Airlines (GlobalX). As part of end-to-end aviation asset management solutions, ST Engineering will also provide maintenance services to these aircraft for GlobalX over the period of the lease. Subject to the signing of definitive agreements, ST Engineering will acquire the five Airbus A321 passenger aircraft on its own or through its joint venture companies and finance these aircraft through a mix of equity and non-recourse debt. These aircraft will be converted and maintained at ST Engineering's global facilities, with the first A321 aircraft to be converted in April 2022 and placed on lease in 4Q2022. The remaining four P2F aircraft will be converted and leased to GlobalX progressively.

#### Volocopter unveils new urban air mobility aircraft design for connecting suburbs to cities

Volocopter, the pioneer of urban air mobility (UAM), has unveiled its newest aircraft, VoloConnect, at EBACE Connect. This electric vertical take-off and landing aircraft (eVTOL) is designed to connect suburbs to cities and complements the company's existing family of aircraft for the intra-city mission. VoloConnect's distinctive hybrid lift-and-push design is expected to achieve certification within the next five years. With the capacity to travel longer distances, VoloConnect joins Volocopter's aircraft family and extends the company's UAM ecosystem coverage to the suburbs. The new aircraft will be seamlessly integrated into Volocopter's existing portfolio of UAM ecosystem solutions: VoloDrone, VoloCity, VoloPort, and the digital platform, VoloIQ. Volocopter takes a holistic approach to UAM by developing a full ecosystem that connects the necessary components to offer



Volocopter has unveiled VoloConnect

Photo: Volocopte

electric flight in cities. This ecosystem includes partnerships with global leaders such as Aéroports de Paris, Microsoft Azure, Lufthansa Industry Solutions, and many more. Additionally, Volocopter is the only eVTOL developer with a product portfolio of multicopter and fixed-wing designs that can be used for passenger and cargo transportation.



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

#### CDB Aviation begins deliveries of four A320neo-family aircraft to Russia's Aeroflot



Photo: CDB Aviation's A320neo on lease to Aeroflot

CDB Aviation, a wholly owned Irish subsidiary of China Development Bank Financial Leasing, (CDB Leasing), has delivered the first of four Airbus A320neo-family aircraft on long-term lease to Russia's flagship airline, Aeroflot. Aeroflot took delivery of the first aircraft, a new A320neo, on May 14 at Airbus' delivery center in Toulouse, France. The remaining three deliveries include two additional A320neos and one A321neo, which will be received by the carrier later in May. The neos will support Aeroflot's strategic efforts to retrench its leading position in key markets on the domestic network, while enhancing its fleet with the latest-technology narrow-body aircraft offering higher capacity and improved fuel efficiency.

#### DALaviation Switzerland becomes first Cessna Citation CJ4 Gen2 customer in Europe

Textron Aviation has announced Geneva-based private jet charter company DALaviation Switzerland as the first Cessna Citation CJ4 Gen2 customer in Europe. The largest Citation jet in the light-jet segment, the Cessna Citation CJ4 Gen2 will support DALaviation Switzerland as the company continues to increase its customer base throughout Europe. The Citation CJ4 Gen2 will be the third addition to DALaviation Switzerland's business jet fleet, which includes a Cessna Citation CJ2+ and a Citation CJ1. The new aircraft will be fueled with sustainable aviation fuel (SAF) at delivery in the coming weeks, aligning with Textron Aviation's commitment to meet industry goals for reducing carbon emissions. The Cessna Citation CJ4, a 525C-type aircraft, achieved European Aviation Safety Agency (EASA) type certification in 2011, and EASA interior certification for the CJ4 Gen2 is expected in June.



Cessna Citation CJ4 Gen2

Photo: Textron Aviation

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

## Honeywell and SR Technics Malaysia sign five-year authorized repair and overhaul license agreement

On April 1, 2021, SR Technics Malaysia signed a five-year authorized repair and overhaul license agreement, with Honeywell International as an authorized licensee for both mechanical and avionics components. SR Technics Malaysia will support worldwide air transport and commercial airline customers and engine shops. Since opening in April 2014, SR Technics Malaysia has significantly grown its capabilities and expertise. From initially focusing on the Airbus A320 family, the A330 and A340, and the Boeing 737NG, the company also now focuses on engine components for the CFM56 and PW4000 to support its engine shop in Zurich as well as other engine shops. The company operates an 8000 m2 facility in Shah Alam, Selangor, employing over 50 highly skilled technicians and engineers. With an average 12day turnaround, the company offers services on more than 750 different part numbers.

#### ATRAN Airlines to lease two further 737-800 BCFs from GECAS



 $A TRAN\,has taken\,delivery\,of the\,first\,737-800\,BCF\,from\,GECAS\quad \textit{Photo:}\,A TRAN\,A \textit{irlines}$ 

ATRAN Airlines (ATRAN) has taken delivery of the first of two Boeing 737-800 converted freighters (BCFs) from GE Capital Aviation Services (GECAS), the second to be delivered later in May. ATRAN is a scheduled express cargo carrier and since 2011 it has been part of

the Russia-based Volga-Dnepr Group of Companies. These two jets will combine with its two other 737-800 BCFs which entered into service in March and October of 2019, thus extending the cargo transporter's short- and mid-range routes across Russia, China, Europe, and the CIS. From its base at Moscow's Vnukovo International Airport, the carrier provides dedicated cargo services for mail and express shipments. Equipped with CFM56-7B engines, the narrow-body 737-800 freighter can carry up to 23.5 tons of cargo, GECAS is the largest customer for the type, having taken delivery of 34 of the converted jets, with a further 60 on order. "At ATRAN, we appreciate the support from GECAS' Cargo team as we continue to expand our fleet and network. Boeing 737-800BCF constitutes the backbone of our fleet and additional planes will enable us to provide more solutions and guarantee high-quality services to our customers," stated Vitaliy Andreev, General Director of ATRAN Airlines.

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

#### Lufthansa Technik Shenzhen resumes investments and capability build-up conversion of bonded warehouse in **MRO** space

With the recovery of the Chinese aviation market, Lufthansa Technik Shenzhen (LTS) has resumed its investments into new capabilities. The company is currently converting its bonded warehouse to a 2,100 m² maintenance workshop as well as climate-controlled material storage. The corresponding conversion measures are scheduled to be completed in June 2021 and will enable LTS to further build up its capabilities. These will include providing component repair services for more than 70 Honeywell-shipped components onboard the Airbus A350, for which the company will be the only licensed facility in Asia-Pacific. The increase of capabilities will also include a cooperation of LTS with its partner TAT Technologies. LTS will soon provide the Asia-Pacific market with the largest capability of heat transfer component repairs, overhaul, and core replacement services, supporting most major platforms and components on the environmental control, bleed air, and fuel inerting systems. Additionally, LTS also plans to build up service capabilities for components of Meggitt fire & safety systems, valves, sensors, and fuel systems, with LTS serving as a Meggitt OEM center of excellence in China. Photo: Lufthansa Technik Shenzhen (LTS)

#### AerFin officially launches its Engine **MRO Lite Service**

AerFin has launched Engine MRO Lite, a scope of leading engine MRO services from its 100,000 ft<sup>2</sup>, CAA/EASA- and FAA-approved facility in Caerphilly, Wales, U.K. Focused on optimizing engine residual value to provide efficient and sustainable solutions, this new service offers a range of in-house and offwing engine maintenance solutions, including quick-turn services, hospital shop repairs, and engine transitions across CF34-8, CFM56-5 & 7, and RB211-524 platforms. The MRO facility, which recently achieved its Approved Repair Station accreditation by the Federal Aviation Administration (FAR 145) is complete with OEM engine line tooling, a ten-ton gantry overhead crane, and has the capacity to store up to 55 fan engines. Bob James, CEO of AirFin, said: "The launch of our Engine MRO Lite services is a fantastic opportunity to further strengthen our relationships with airlines, lessors, and MROs, and will help us to build substantially on our ability to deliver costeffective sustainable solutions to the aviation industry."

#### AIRCRAFT & ENGINE NEWS

#### Gulf Air delays delivery of Boeing and Airbus jets for 6-8 months

As a result of operating at between only 50% and 60% of pre-pandemic levels according to Bahrain's state carrier, Gulf Air has agreed with both Boeing and Airbus postpone the delivery of currently ordered jets for between six and nine months. While no specific models were



Gulf Air 787-9 Dreamliner

Photo: AirTeamImages

mentioned, Gulf Air had previously indicated it was in negotiations with the two planemakers over delaying delivery of Boeing 787-9 Dreamliners and Airbus A320neo jets. Back in April, acting CEO Waleed Abdulhameed Al Alawi commented that: "We had to go renegotiate the delivery dates. We haven't cancelled anything." Zayed bin Rashid al-Zayani, a government minister, also confirmed that no orders had been cancelled, while also telling reporters at the Arabian Travel Market exhibition in Dubai: "It is very difficult because you are bound by your destinations. We have the fleet. We have the crew. We would like to fly to as many as places as we can, but we have to factor in demand." Zayani also confirmed that Gulf Air would still take delivery of six jets this year, twice the number that were delivered last year. Asked if Gulf Air was receiving "government support," he replied: "Who isn't?" According to a government bond prospectus seen by Reuters news agency, the carrier received 36 million dinars (US\$95.6 million) from the Bahrain government last year.

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

#### SmartLynx Airlines selects STS Aviation Services to provide MRO support



Photo: STS Aviation Services will provide MRO support for SmartLynx's A330 aircraft

STS Aviation Services (STS) has signed a long-term base maintenance agreement with SmartLynx Airlines (SLX). "We are extremely delighted that SLX has awarded STS a longterm base maintenance contract to support the company's Airbus A330 Aircraft," stated Ian Bartholomew, Vice President of Commercial for STS Aviation Services. "As a result of this contract we will be accomplishing a number of modification inputs at our state-of-the-art, wide-body aircraft modification and maintenance facility located in Birmingham, United Kingdom, and we look forward to supporting SLX with additional projects in the future." This agreement will grant SLX the ability to access high-quality, flexible MRO services for its growing fleet of A330 aircraft.

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

#### Airbus looks to close one of two Spanish plants with demise of Superjumbo

Having announced back in February 2019 that the Superjumbo - the double-decker A380 and largest commercial airliner would cease production in 2021, Airbus is now faced with having to merge operations of two production plants in Spain as there will now be insufficient work for them both. On March 17, 2021 the final Airbus A380 (manufacturing serial number 272) made its maiden flight from Toulouse to Hamburg for cabin outfitting. The intention is to avoid forced layoffs and the plant in question has yet to be agreed upon, though workers in Spain have already held protests over the potential closure of the Puerto Real plant which assembled the horizontal stabilizers for the A380. There are a potential 460 jobs currently at stake and Airbus intends to reintroduce a voluntary severance plan which it had previously utilized after announcing 15,000 job cuts last year. Airbus has also been holding discussions with unions over last month's announcement to overhaul parts production. A plan to hive off a German unit specialized in detail parts has been opposed by unions, and Airbus said in a statement that while it continues to favor a separate entity with an external partner, it will also consider ideas from unions on how to keep the unit within Airbus.

#### FINANCIAL NEWS

### IBC Advanced Alloys swings to profitability in the quarter ended March 31, 2021

IBC Advanced Alloys has reported income of US\$139.000 in the January-March quarter. reversing a loss posted in the preceding quarter, and as compared to income of US\$171,000 in the prior-year period. The Copper Alloys division posted income of US\$205,000 in the guarter, a 109% jump over the prior-year period, and the Engineered Materials (EM) division's income in the quarter of US\$490,000 was 84.9% higher than the prior-year period. IBC's Engineered Materials (EM) division sales of precision beryllium-aluminum products rose 14.8% year over year, fueled largely by sharply higher demand from semiconductor chips used in the ongoing build-out of 5G networks and in vehicles, data centers, appliances, and other components of the Internet of Things (IOT). In the nine months ended March 31, 2021, the division posted sharply higher income of US\$579,000, a 916% increase over income of US\$57,000 in the

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

#### StandardAero continues to support Austrian Airlines' APS 2300 APUs



Austrian Airlines Embraer E195 jet

Photo: AirTeamImages

StandardAero has been selected by Austrian Airlines, the national flag carrier airline of Austria, to continue providing maintenance, repair, and overhaul (MRO) services for the airline's Pratt & Whitney Canada APS 2300 auxiliary power units (APUs). This exclusive multi-year contract extends a long-running relationship between the two companies since StandardAero signed its initial APS 2300 support agreement with Austrian Airlines in 2007. Under the agreement, StandardAero will continue to provide MRO services for the APS 2300 APUs equipping the fleet of Embraer E195 regional aircraft operated by the carrier. StandardAero's Maryville, Tennessee location, which is an OEM-approved Authorized Repair Facility (ARF) for the APS 2300, provides Austrian Airlines with customized MRO programs offering maximum support and flexibility to meet its specific operational needs.

### Embraer appoints JETS (Bournemouth) as Authorized Service Center for Phenom-family



JETS (Bournemouth) to become EASC for Phenom jets

Photo: Embraer

Embraer has appointed JETS (Bournemouth), located in the United Kingdom, as the new Embraer Authorized Service Center (EASC) for the Phenom 100 and Phenom 300 family of executive jets. Strategically located in southern England at Bournemouth International Airport, JETS (Bournemouth) will support customers from the EMEA region. "We are pleased to announce this new partnership with JETS, which will help to bolster the network of the everincreasing fleet in the Western European region, offering an additional option for maintenance of the Phenom 100 and Phenom 300 aircraft," said Frank Stevens, Embraer MRO Global Vice President Services and Support. The new EASC will perform scheduled and non-scheduled maintenance, component, and part exchange, and inspections at different levels of complexity for those aircraft platforms.

#### FINANCIAL NEWS

prior-year period. In the quarter, IBC swung to profitability as compared to the quarter ended Dec. 31, 2020, with consolidated revenue increasing 110% and Adjusted EBITDA rising by 151%, both as compared to the preceding quarter. Consolidated gross margin improved to 30.5% in the guarter, as compared to 17.0% in the preceding quarter and 19.9% in the prior-year period, with fixed costs being spread over higher sales volumes. Gross margin in the Copper Alloys division rose to 20.5%, as compared to 10.6% and 14.1% in the preceding and prior-year periods, respectively. EM gross margin expanded to 45.6% in the quarter, as compared to 26% and 32.1% in the preceding and prior-year periods, respectively.

### SIA Group posts SG\$4.3 billion net loss after toughest year in history

The Covid-19 pandemic, which began to spread globally in February 2020, resulted in unprecedented restrictions on international air travel at the start of the financial year. Successive waves of Covid-19 infections and more virulent strains have subsequently emerged over the course of the 12 months. As a result, the Singapore Airlines (SIA) Group's passenger traffic shrank 97.9% in the financial year ended March 31, 2021 from a year before. Group revenue fell by SG\$12,160 million (-76.1%) year-on-year to SG\$3,816 million due to the plunge in passenger-flown revenue across Singapore Airlines, SilkAir, and Scoot – the three passenger airlines within the Group. This was partially offset by higher cargo-flown revenue, which rose by SG\$758 million (+38.8%) year-on-year to SG\$2,709 million. Improvements in freighter utilization, deployment of passenger aircraft for cargoonly flights, and removing seats from passenger cabins to create additional volume for cargo partially mitigated the loss of passenger aircraft belly-hold capacity during the pandemic. Strong air cargo demand, especially in key segments such as e-commerce, pharmaceuticals, and electronics, provided strong support for both cargo load factors and yields amid tight industry cargo capacity. The Group swung into an operating loss of SG\$2,513 million in FY2020/21, a reversal of SG\$2,572 million from the SG\$59 million operating profit recorded last year. For the financial year ended March 31, 2021, the Group reported a net loss of SG\$4,271 million, a deterioration of SG\$4,059 million against last year. This was driven by both the weaker operating performance and non-cash impairment charges, partially offset by a SG\$623 million increase in tax credit due to the higher net loss recorded by the Group. (US\$1.00 = SG\$1.33 at time of publication.)

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

#### Faradair adds Dunlop Aircraft Tyres to growing list of partners



BEHA (Bio Electric Hybrid Aircraft)

Photo: Faradair

Established more than 100 years ago, Dunlop Aircraft Tyres quickly became a significant player in the newly born, rapidly expanding aircraft industry. It has remained a key supplier in this evolving sector ever since. Today, the Birmingham, U.K.-headquartered business is partnering Duxford, U.K.-based Faradair, a new U.K. aerospace manufacturer, as it helps usher in a new era of sustainable aviation. The companies have agreed to work together on the BEHA (Bio Electric Hybrid Aircraft) development program, creating a new, more sustainable aircraft tire, as part of the U.K.'s drive to net zero. The BEHA is a British clean-sheet-designed, netzero-capable commercial aircraft that will not only create new manufacturing jobs, but also significantly support the U.K. aerospace supply chain, which has been hit hard by the global pandemic. This partnership between two British aerospace companies marries Dunlop's rich heritage with a fantastic opportunity for the future of sustainable aerospace manufacturing. Under its "Build Back Better" plan for economic growth, the U.K. Government has declared its intention to support programs such as this, especially with the UN climate change conference of the parties, known as COP26, coming to Glasgow, U.K. in November.

#### Finnair's ATR fleet to be fitted with HEPA filters for improved air quality

Finnair is installing highefficiency particulate absorbing (HEPA) filters on the recirculation system of its entire ATR turboprop fleet. The HEPA air filtration system is the most effective technology for cleansing purifying compartments' air. particulate filtration removes dust, allergens, bacteria, viruses, and other irritating particles from the cabin's air with an efficiency of 99.97%. Finnair's Airbus and Embraer



Finnair will install HEPA filters on its ATR turboprop fleet Photo: AirTeamImages

aircraft are already fitted with HEPA filters, and now HEPA filters are also being installed on its ATR aircraft. Finnair's ATR fleet currently consists of twelve aircraft, operated by Finnair's partner company Norra on short-haul routes in domestic and regional traffic. The installations of the HEPA filters in the ATR fleet will begin in June and be completed by early 2022.

#### FINANCIAL NEWS

#### Ryanair optimistic despite record €815 million annual loss - will tap bond markets

Low-cost Irish carrier Ryanair has posted a record loss of €815 for the fiscal year 2020-2021 but remains buoyant over the carrier's future as signs of a recovery in demand are already being seen. Last year it was forced to cancel over 80% of its flights owing to the COVID-19 pandemic, flying only 27.5 million passengers to March compared to €149 million the previous fiscal year. Chief Financial officer Neil Sorahan confirmed that the group intended to tap the eurobond (a bond issued that is denominated in a currency not native to the country where it is issued) market in the near future but gave no indication of the amount it intended to borrow. Last year Ryanair raised €850 million in eurobonds as part of an overall €1.95 billion cash raise. Chief executive Michael O'Leary commented that Ryanair intends to take advantage of the "favorable" interest rates and financing terms available from current capital markets. Sorahan revealed that the airline had cash of €3.1 billion, while 85% of its fleet, worth €7.5 billion was "unencumbered", i.e., not being used to secure any debt. The carrier reiterated its previous forecast that passenger numbers for the current fiscal year would be towards the lower end of between 80 million and 120 million passengers, while anticipating that only five million to six million passengers will be flown in the April-June quarter. Meanwhile, problems persist in relation to the delivery of long-awaited 737 MAX jets from Boeing. Ryanair believes there is a risk that 14 planes due for delivery at the beginning of May will not arrive before the summer. The carrier has 210 of the jets on order and deliveries have been postponed several times. O'Leary has blamed management at the Boeing factory in Seattle, dubbing its response to regulators and customers as "abysmal". However, he told analysts that he believed the problem was short term, saying: "I do believe it will be resolved and we will have 60 delivered on time for summer 2022." (€1.00 = US\$1.20 at time of publication.)

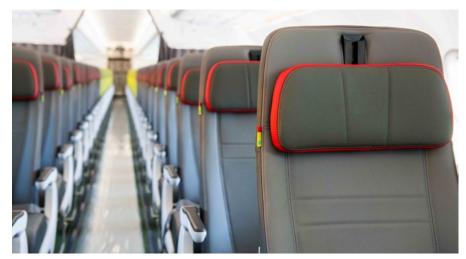
#### MILITARY AND DEFENCE

#### Babcock Canada and Leonardo Canada join forces for Canada's Future Aircrew **Training Program**

Babcock Canada and Leonardo Canada have signed a Letter of Intent (LOI) to jointly pursue Canada's Future Aircrew Training Program (FAcT) and to create a Canadian joint venture. This partnership between two companies with strong

#### MRO & PRODUCTION NEWS

#### Recaro Aircraft Seating integrates SL3710 and BL3710 seats into hybrid layout on TAP's new Airbus fleet



BL3710 seats for TAP Air Portugal's new Airbus fleet

Photo: Recaro Aircraft Seating

Recaro Aircraft Seating (Recaro) has integrated its SL3710 and BL3710 seats into a hybrid layout on TAP Air Portugal's (TAP) new Airbus fleet. TAP was the first announced customer for the SL3710 seat, and its A320 is the first Airbus aircraft to be equipped with the economy class seats. TAP took delivery of its new A320 in April and entered into service on May 18. To maximize efficiency, Recaro collaborated with TAP on the hybrid seat configuration of the SL3710 and BL3710 seats. As the first customer to select the SL3710, TAP was heavily involved in the research and development phase of the new economy class seat. Weighing in at eight kilograms, the seat is the lightest in its class. The ergonomic backrest concept, developed by Recaro, allows for maximum comfort for passengers of all sizes. To ensure seamless integration, TAP chose to outfit the SL3710 in the same colors as the Recaro BL3530 and SL3510 aircraft seats that are currently flying on TAP aircraft.

#### **HAECO** completes first Airbus A330F C-check for Air Hong Kong



Photo: HAECO has completed the first A330F C-check for Air Hong Kong

HAECO Hong Kong, a member of the HAECO Group, has completed its first Airbus A330F C-Check for Air Hong Kong. The aircraft is one of five A330 freighters that Air Hong Kong has introduced to its fleet to meet growing cargo demand. Based in Hong Kong, the freighter airline currently operates nine Airbus A300-600Fs and five Airbus A330-200/300Fs. This redelivery marks another significant milestone in the relationship between the two companies and reaffirms HAECO Hong Kong as a leading maintenance service provider for customers based in Hong Kong. The close partnership between HAECO and Air Hong Kong dates back to 2004 when HAECO began providing light maintenance services for the Air Hong Kong fleet. In addition, HAECO provides an array of services including comprehensive technical assistance, certificate of release to service (CRS), and AOG support for Air Hong Kong.

#### MILITARY AND DEFENCE

footprints in military pilot training, ensures that the FAcT program will benefit from the expertise and innovation of two global players, each of which has over 70 years of aircrew training experience delivered around the world. A modern air force needs an advanced training solution based on cutting-edge technology, focused on early streaming, and better output standards at lower costs. Babcock and Leonardo can offer a modern and comprehensive solution drawing on their long experience as leading providers of civil and military fixed-wing, rotary-wing, and mission training services. The companies stand ready to offer an innovative and comprehensive turnkey solution to meet all of the Royal Canadian Air Force's training requirements.

#### France, Germany, and Spain reach accord over €100 billion next-gen fighter jet

In what is Europe's largest defense project expenditure France, Germany, and Spain have reached an agreement over the next generation of fighter jets including unmanned drones the Future Combat Air System (FCAS) – with an expected expenditure of around €100 billion (US\$122 billion.). The new aircraft will begin to phase out the existing German and Spanish Eurofighter, and the French Rafale, from 2040. France in particular was keen to point out that this project was crucial for Europe to strengthen its defense autonomy and face competition from China, Russia and the United States. French Armed Forces Minister Florence Parly tweeted: "France, Germany and Spain are building one of the most important tools for their sovereignty and that of Europe in the 21st century." The next development phase for the FCAS has been budgeted at €3.5 billion (US\$4.25 billion), which will be shared equally by the three countries. According to a French military source, the phase will include finalization of the designs for the combat jet and drone by 2024, plus the construction of demonstrators. Having agreed on the division of financial responsibility, the three countries have, in addition, finally reached agreement over intellectual property rights, a facet of the deal which had recently been holding up negotiations. Under the terms of the agreement, the fighter jet will not have a black box to help preserve sensitive commercial know-how, according to a French source. However, one problem remains. Germany must obtain approval from its parliamentary budget committee over its share of expenditure, and time is limited as there is a federal election in Germany in September. According to Reuters news agency, the German Defense Ministry has to refer the budget proposed to the Finance Ministry by May 19.

#### French Navy orders two more H160 helicopters

The French Armament General Directorate (DGA) has confirmed an option to Airbus Helicopters, Babcock, and Safran Helicopter Engines for two more H160s for the French Navy. These aircraft will join the fleet of four H160s already contracted in 2020, the first of which is currently being



Two more H160s for the French Navy

Photo: Airbus

assembled by Airbus Helicopters in Marignane, in the south of France. The six H160s will be delivered in a search and rescue (SAR) configuration and will gradually start operating from May 2022 from Lanveoc-Poulmic naval air station (Britany), Cherbourg airport (Normandy), and Hyères naval air station (Provence). Awaiting the H160M "Guépard" deliveries in the frame of the French Joint Light Helicopter (Hélicoptère Interarmées Léger: HIL) program, these H160s will take over the SAR missions currently conducted by the NH90s and Panthers, allowing these combat helicopters to fulfill main tasks at sea onboard combat vessels. The French Navy's operational feedback with these H160s will benefit the design of the military version of the aircraft and its associated support system.

#### INFORMATION TECHNOLOGY



Shandong Airlines Photo: Sabi

Sabre Corporation has announced that Shandong Airlines has successfully implemented its fares management solution to support the China-based airline's efforts to drive revenue optimization and accelerate recovery as it looks to launch new services and increase frequencies during summer 2021. Shandong Airlines, which is owned by Shandong Airline Group, is now using Sabre AirVision Fares Manager and its Contract Manager capability to manage millions of the airline's fares, and proactively sense and respond to changing market conditions, while optimizing and publishing fares and rules with minimal latency. With an extensive domestic network and serving destinations across Asia, Shandong Airlines has plans to launch 26 new services and to increase frequencies on 13 existing services during the 2021 summer season. The successful launch of Sabre AirVision Fares Manager for Ji'nan-headquartered Shandong Airlines means the carrier will now be able to use the solution to help the airline boost revenue opportunities, minimize revenue leakage, and support improvement of analyst responsiveness and productivity through advanced decision support and automation, proactive and dynamic competitive fare response, and strategic fare optimization.



#### OTHER NEWS

Astronics Corporation has received the supplemental type certificate (STC) for its latest cabin network platform, branded as "The Edge™". The Edge offers airlines, IFE suppliers, MROs and system integrators an extremely cost-effective platform for full-featured in-flight entertainment (IFE) with reduced time to market. The Edge takes advantage of a distributed network architecture that utilizes Smart WAPs. The solution combines an industry-first Wi-Fi6 wireless access point and server functionality as compute nodes that minimize installation wiring and provide a redundant and fault tolerant system. LiFE in the Air has partnered with Astronics to use The Edge to host LiFE in the Air's digital inflight solution. The Edge system is designed to be installed overnight with installation certifications owned by Astronics and reusable for future airline customers. Through this collaboration, LiFE in the Air is offering trial and demos to airlines.

United Airlines has added further options for customers to take long-awaited summer vacations by adding more than 400 daily flights to its July schedule and increasing service to reopened European destinations. This is United's largest monthly schedule since before the pandemic. United plans to fly 80% of its U.S. schedule compared to July of 2019 and bookings for summer travel are up 214% compared to 2020 levels. In the U.S., United will add new routes to Bozeman, MT; Orange County, CA; Raleigh, NC, and Yellowstone/Cody, WY. The airline is also adjusting its flight times at its hubs at Chicago O'Hare International Airport and Washington Dulles International Airport to provide more convenient options for customers. Internationally, United is giving travelers more options to visit Europe from New York/Newark by adding an additional weekly flight to Dubrovnik, Croatia and operating a larger aircraft to Athens, Greece. As customers travel internationally, United's mobile app and website provide a comprehensive list of entry requirements for destinations around the world and the carrier makes it easy for customers to search, book, and upload COVID-19 tests and vaccination records through its own digital platforms. The airline has set up an easy way for international travelers to bring a CDCapproved test with them, self-administer while abroad, and return home through an innovative collaboration with Abbott.

As part of a new strategic plan, London Oxford Airport has commenced construction work on a new development phase which will, when complete this autumn, be its most significant step forward to date. Central to the work is a  $63,000 \text{ ft}^2$  (6,000)m<sup>2</sup>) 140 m-long hangar with two bays including rear offices, stores, and workshops, capable



The 15th hangar at Oxford Airport

Photo: Oxford Airport

of accommodating up to six Bombardier Global, Gulfstream, or Dassault Falcon Jet models, simultaneously. The new hangar, the airport's 15th, is the first facility in a new zone of the airport to the north of the original site. The hangar will be used predominantly by established tenants, many of whom reside in some of the older WWII facilities, along with several larger business aircraft for which there has been limited capacity at Oxford. The airport will progressively replace 80-yearold hangars with new, bespoke facilities, providing turnkey solutions for clients. With demand for space consistently outpacing supply within the London region, the airport is committed to invest in infrastructure to accommodate more business and allow established companies, such as Airbus Helicopters, Volare Aviation, and Jet Maintenance International (JMI) to expand. The airport is home to a number of aviation support businesses (MROs) that cover maintenance, engineering, modification, design, and operational support services. The new environmentally efficient facilities will support existing aircraft and future next-gen aircraft, including eVTOL and hybrid/electric models. Additional infrastructure has included the feeding-in of significantly more power onto the site. The projects have been overseen these past 12 months by Will Curtis, who joined London Oxford Airport as Managing Director in 2020. A large area of new aircraft parking apron has been created and also seven new ICAO/EASA/CAA-compliant helipads supporting Airbus Helicopters and the growing number of commercial AOC helicopter businesses at the airport, like MyHeli. These complement operations with the co-owned Edmiston London Heliport, London's only CAA-licensed heliport, which supports up to 12,000 movements each year and the capital's essential police and air ambulance flights. London Oxford Airport will also commence work on a new fire station to be established in a central position on the airport. This will allow for fulfilling the need for the highest fire categories at all times having also just ordered three new Angloco Scania 26 ton fire tenders. A new fuel farm will enable a quadrupling of the capacity of the original facility, whilst also providing valuable space for additional future static tankage for sustainable aviation fuel (SAF). The industry is progressively introducing SAF with up to 80% reduction in lifecycle CO2 emissions.



Berlin Brandenburg Airport

Swissport and easyJet have signed a new fiveyear contract covering airport ground services for 30 daily flights at easyJet's hub at Berlin Brandenburg International Airport (BER). In addition, the British carrier renewed its contracts with Swissport in Basel and Geneva until 2025. In 2020, the two companies worked together at some 20 airports across Europe. From October 1, 2021, Swissport will provide full ground handling services for easyJet

passengers at check-in and gate and will also be responsible for aircraft handling on the apron, including baggage loading, and pushback services. Since starting operations at the new BER Airport in late October 2020, Swissport Berlin has steadily added international airline customers. With around 200 employees, Swissport currently serves 17 airlines at Berlin Airport.



#### OTHER NEWS



Photo: air bp will sell sustainable aviation fuel to Munich Airport

Air bp, the international aviation fuel products and service supplier, has confirmed an agreement for its first sale of sustainable aviation fuel (SAF) at Munich Airport. A business aviation operator will start to purchase SAF from the beginning of June. This marks the second location in Germany where Air bp has supplied SAF, the first being in December 2019 at Hamburg Finkenwerder Airport. This latest supply agreement follows Air bp's recent SAF supply to three U.K. locations: London Biggin Hill, Airbusowned Hawarden, and Centreline FBO Bristol, and one in France, at Clermont Ferrand. These agreements reinforce the importance of collaboration between fuel supplier, airport, and customer in driving the demand for SAF needed if the industry is to meet its lower carbon goals. The SAF supplied by Air bp is made from waste-based sustainable feedstocks such as used cooking oil which is blended with traditional jet fuel. The SAF blend supplied is around 35% SAF and 65% traditional jet fuel. The SAF component provides a lifecycle carbon reduction of around 80% compared to the traditional jet fuel it replaces.

## AVITRADER

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#### **INDUSTRY PEOPLE**



Stevens Aerospace and Defense Systems (Stevens) has promoted Wiggins **Brent** Senior Manager the company's 24-hour/365-day AOG team. Wiggins is an A&P and brings years of hands-on experience

to Stevens, holding positions ranging from technician to director of maintenance with companies such as L-3, Nicholas Air and Wing Aviation Group. He is also well-versed in Part 91,135, and 145 operations. "Brent is an experienced leader with high ethical standards, technical competency, exceptional enthusiasm, and program management proficiencies that are aligned with Stevens' vision," said Dendall Wood, Stevens' AOG

General Manager. "Our mission is to achieve excellence in everything relating to the customer experience; we believe Brent has the drive, expertise, and leadership skills to move us closer to our goal."

• Ursula Hurley, head of treasury and investor relations, has been named acting Chief Financial Officer (CFO) of JetBlue Airways. She succeeds Steve Priest, who has decided to leave JetBlue effective June 11, 2021 to pursue a new opportunity. Hurley will assume the role of acting CFO effective June 12, 2021, in addition to her current duties. Hurley began her career at JetBlue 17 years ago. She has been responsible for debt and cash management, cash flow, fuel and interest rate hedging, strategic sourcing, and fleet strategy, including aircraft and engine sourcing. Her role was recently expanded to manage JetBlue's relationship with the investor community.



Shawn Farrington

 Chicagoland avi-ation sage-popovich has promoted Shawn **Farrington** Vice President Flight Operations. Farrington has been with the company for over five years, and in that time has quickly

ascended from a ground-level position to management. He joined sage-popovich in 2016 as an aircraft detailer before becoming a ground/line service and maintenance support tech. From there, he transitioned to the company's parts distribution center where he participated in inventory audits and inspections for various airlines, OEM's, part distributors, and resellers. Additionally, he was involved on various liquidations sagepopovich was engaged with for bankruptcy court proceedings.



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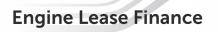


#### THE AIRCRAFT AND ENGINE MARKETPLACE

#### **Commercial Jet Aircraft**

Commerci	iai oct Airciait								
Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
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	2214	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-112	DVB Bank	CFM56-5B63	3586	2008	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A319-131	DVB Bank	V2522-A5	2375	2005	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	Q2/2021	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	DVB Bank	V2527-A5	3734	2009	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-200	GA Telesis	CFM56-5B6/3	5393	2012	Jun 2021	Sale / Lease	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-200	GA Telesis	airframe only	2152	2004	May 2021	Sale	Mauro Francazi	aircraft@gatelesis.com	+1-954-676-3111
A320-214	DVB Bank	CFM56-584/3	3767	2009	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-230	DVB Bank	V2527-A5	4552	2010	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-232	DVB Bank	V2527	4323	2010	Q2/2021	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A320-232	ALTAVAIR	V2527-A5	4621	2011	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
A320-251neo	FPG Amentum	LEAP 1A26	8300	2018	Now	Sale / Lease	Niall Hayden	niall.hayden@fpg-amentum.aero	+353 83 154 6475
A321	DVB Bank	V2533-A5	7015	2015	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A321	DVB Bank	V2533-A5	7180	2015	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A321-231	DVB Bank	V2533-A5	6009	2014	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A321-231	DVB Bank	V2533-A5	6294	2014	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
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	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-200 (12x)	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	Q2/2021	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-200	Doric	CF6-80E1A4/B	883	2007	Q2/2021	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	Now	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	DVB Bank	Trent 772B-60EP	1357	2012	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
A330-300	DVB Bank	Trent 772B-60EP	1378	2013	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-700	BBAM	CFM56-7B22	38125	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-700	BBAM	CFM56-7B22	38126	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
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	Mauro Francazi	aircraft@gatelesis.com	
B737-8	Orix Aviation	CFM LEAP-1B	42825	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42826	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42827	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42828	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42829	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42830	2017	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42831	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42832	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42833	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	42835	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	63971	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B737-8	Orix Aviation	CFM LEAP-1B	64992	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
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	DVB Bank	CFM56-7B26E	40880	2012	Q2/2021	Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B26	30294	2004	Q4/2021	Sale	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	DVB Bank	CFM56-7B	30659	2003	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B26E	38034	2012	Q2/2021	Sale / Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	BBAM	CFM56- 7B27/3B1E	40242	2011	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
		7R27/3R1E	.02.12				<u></u>	<u> </u>	











#### THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial	Jet Aircraft (	cont.)

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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
B777-300ER	BBAM	GE90-115B	41081	2012	Now	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 2075351602
B777-300ER	ALTAVAIR	GE90-115B	39686	2013	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
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	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
B777-300ER	DVB Bank	GE90-115B	37705	2009	Now	Sale / Lease	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B787-8	DVB Bank	Trent 1000G	35304	2013	Now	Sale	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B787-8	DVB Bank	Trent 1000G	35305	2013	Now	Sale	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
B787-9	Orix Aviation	Trent 1000	63316	2018	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
B787-9	Orix Aviation	Trent 1000	63321	2019	Q3 2021	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 87 7760451
Regional J	et / Turboprop Airo	raft					·		_
Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200F	Regional One	CF34-3B1	7452	2000	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200LR	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-700	Regional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
D0328 Jet	Regional One	PW306B	3185	2003	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ170-100LR	Regional One	CF34-8E5	17000123	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	
	-						Kurt Brulisauer		+1 (404) 542-5320
ERJ-145LR	Regional One Regional One	AE3007A1	145304	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR SAAB 2000		AE3007A1	145331	2000	Now	Sale / Lease	Donald Kamenz	kbrulisauer@regionalone.com	+1 (404) 542-5320 +1 (305) 447-1920 x 115
	Jetstream Aviation Capital	AE2100A	031	1996	Q1/2021	Sale / Lease	Bill Jones	dkamenz@jetstreamavcap.com	
	Jetstream Aviation Capital	CT7-9B	224	1990	Q1/2021	Lease		bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102
SAAB 340B Plus	Jetstream Aviation Capital	CT7-9B	450	1998	Q1/2021	Lease	Bill Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102
Commerci	al Engines								
Multiple Types		Sale / Lease		Comp	any		Contact	Email	Phone
Multiple Engines	GE / CFM / RB211	Now - Sale / Lease	Э	GECA	S Engine Leas	sing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
AE3007 Engines		Sale / Lease		Comp	any		Contact	Email	Phone
(3) AE3007A1P		Now - Sale/Lease/	Exch.	Region	nal One		Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
CF34 Engines		Sale / Lease		Company		Contact	Email	Phone	
CF34-8E5		Now - Lease		Luftha	nsa Technik A	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	Э						
(2) CF34-8C5B1		Now - Sale / Lease	Э	Region	nal One		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) CF34-3B1		Now - Sale / Lease	Э	-			-		, ,
CF34-8E(s)		Now - Sale / Lease	э	GECA	S Engine Leas	sing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
(2) CF34-10E6	Full QEC	Now - Sale / Lease	э	DASI			Joe Hutchings	joe.hutchings@dasi.com	+ 1 954-478-7195
(1) CF34-10E5A1		Now - Sale / Lease						, 30	
(4) CF34-10E		Now - Lease		Willis I	Lease		Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) CF34-8C5A1		Now - Sale/Lease/	Exch.	Magell	lan Aviation G	roup	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(2) CF34-8C5B1		Now - Sale/Lease/		ŭ		·	· · · · · · · · · · · · · · · · · · ·		1 000 120 01 10
(3) CF34-8E5A1		Now - Sale/Lease/							
(2) CF34-10E6		Now - Lease		Engine	Lease Finan	re .	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
CF6 Engines		Sale / Lease		Comp		00	Contact	Email	Phone
(1) CF6-80C2B7F	<u> </u>	Now - Sale / Lease	<u> </u>	GA Te			Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF6-80E1A3		Now - Sale / Lease		0/110	10010		Eddo Weijer	cwojor@gatolosis.com	11-934-070-3111
(1) CF6-80E1A4E	1	Now - Sale / Lease							
(2) CF6-80E1A4E		Now - Sale/Lease/		ALTA\	/AID		Clive Review	aliya bawan@altayair.com	144 2075254602
		Now - Sale/Lease/			nalloy Asset M	anagement	Clive Bowen	clive.bowen@altavair.com	+44 2075351602
(3) CF6-80C2B1F			⊏XUII.			anayement	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) CF6-80C2B6F	<del>-</del>	Now Lease			Aviation LLC		Tom McFarland	tmcfarland@ftaiaviation.com	+1 786 785 0787
(2) CF6-80E1		Now - Lease	_	DVB B			Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(1) CF6-80E1A4E	5	Now - Sale / Lease	9	Castle			Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
CFM Engines		Sale / Lease		Comp		oin a	Contact	Email	Phone
(2) CFM56-5A		Now - Sale		GECA	S Engine Leas	sirig	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272









#### Commercial Engines (cont.)

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@ftaiaviation.com	+1 786 785 0787
(1) CFM56-5B5/P	Now - Lease				
(1) CFM56-5B6/P	Now - Lease				
(1) CFM56-5B1/3	Now - Lease				
(1) CFM56-5B1/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
(2) CFM56-5B4/3	Now - Lease			30	. (,
(2) CFM56-5C4/P	Now - Lease				
(1) CFM56-7B24/E	Now - Lease				
(2) CFM56-5C4	Now - Lease				
(1) CFM56-7B27/B3	Now - Lease				
(2) CFM56-5B4/P	Now - Lease				
(2) CFM56-7B26/3	Now - Lease				
(2) CFM56-7B26	Now - Sale / Lease	BBAM	04 7::-	info@bbom.com	+1 787 665 7039
		DDAW	Steve Zissis	info@bbam.com	+1 /0/ 000 /009
(2) CFM56-5B5/P	Now - Sale / Lease	DVB Bank	lamatham Lavah	airaraftaalaa@dubbaaluaam	. 44 007 050 4440
(2) CFM56-7B22	Now - Lease		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		5 1 11 "		
(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				
(1) CFM56-5C4/P	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - Sale				
(1) CFM56-7B26	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CFM56-5B4/P	Now - Sale / Lease				
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(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				
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(2) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) LEAP-1A33	Now - Lease				
(1) LEAP-1A32	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) LEAP-1A26	Now - Lease				
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW4062-3	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaviation.com	+1 786 785 0787
(1) PW4062-3	Noew - Sale / Exchange	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW121	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(1) PW123	Now - Sale/Lease/Exch.	3			1 000 120 01 10
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(3) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Decaylaiore	laasing@willialaasa sam	+1 (561) 349-8950
* *		Willis Eddsc	David Desaulniers	leasing@willislease.com	+1 (301) 349-0930
(4) PW127M PW119B RGB	Now - Sale/Lease/Exch.	Lufthanas Tashnik AFRO Alzay	Vai Ehaah	k.ebach@lhaero.com	.40.0704.407.000
	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	K.ebach@inaero.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			<u> </u>	



# AVITRADER<sup>TM</sup> publications THE AIRCRAFT AND ENGINE MARKETPLACE

Commerc	ial E	naine	S (cont.)

Due "E :					
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW120A	Now - Sale / Lease	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW120	Now - Sale/Lease/Exch.				
(1) PW123E	Now - Sale/Lease/Exch.				
(4) PW126	Now - Sale/Lease/Exch.				
(1) PW121	Now - Sale/Lease/Exch.				
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 1000-J3	Now - Lease				
(1) Trent XWB-84k	Now - Lease				
(1) Trent772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
	Now - Lease		<del>-</del>		
(1) Trent 892B-17		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) V2533-A5	Now - Sale/Lease/Exch.				
(2) V2533-A5	Now - Sale/Lease/Exch.	Chromalloy Asset Management	Hema Krishan	Hkrishan@chromalloy.com	+1 845-587-7102
(1) V2527-A5	Now - Sale/Lease/Exch.				
(4) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
, ,	Now - Lease		Common Morrian	iodoliig@ minorodoo.oom	1 (001) 010 0000
(1) V2527-A5					
(1) V2527-A5	Now - Sale / Lease	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) V2527-A5	Now - Lease	FTAI Aviation LLC	Tom McFarland	tmcfarland@ftaiaviation.com	+1 786 785 0788
(2) V2522-A5	Now - Lease	DVB Bank	Jonathan Louch	aircraftsales@dvbbank.com	+44 207 256 4449
(2) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Anthony Spaulding	anthony.spaulding@magellangroup.net	+1 980-423-0715
(3) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2527E-A5	Now - Lease	g	g	<b>g</b> @	7000 01 2011 11
		OA T-Ii-	Estate Marities		
(1) V2527-A5	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
Aircraft and Engine Parts, Co	mponents and Misc	. Equipment			
Description	-	Company	Contact	Email	Phone
(1) GTCP331-500B	Now - Sale / Exchange	Centaurus Services/MASB	Paul Bithavas	paul.bithavas@centaurus.services	+61 408 389 241
* *	Now - Gale / Exchange	Gerillaar as Gervices/W/NOB	r dui bitilavas	padi.bitilavas@ociitadi.do.sciviocs	101 400 000 241
Trent 892B-17 Modules					
(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					
Neutral CFM56-7B QEC Kit	Now - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
(1) RE220, (1) APS3200, (1) GTCP131-9A	Now - Sale / Lease	Magellan Aviation Group	Drew Megorden	drew.megorden@magellangroup.net	+1 704-340-0273
(1) GTCP131-9B, (1) GTCP331-500B	Now - Sale / Lease	9	3	3 0 3 3 1	
_ <del></del>		CA Talasia	Daniella Badan	landing a carcalas @ actalasia asm	.4.054.005.0044
A320 Landing gear shipsets	Now - Sale	GA Telesis	Danielle Rodon	landinggearsales@gatelesis.com	+1 954 865 9314
(2) GTCP331-350, (5) GTCP131-9A	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
(1) APS3200, (2) GTCP131-9B					
(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
		TEVIIIV (74 O	Olivici Try	olivior.rry@revilla apa.com	100(0)20000010
GTCP331-200, GTCP331-250	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
(5) GTCP131-9A, (1) GTCP131-9B, (1) GTCP3		GA Telesis	John Wales	apu@gatelesis.com	+1-417-622-7215
(2) GTCP331-350, (2) GTCP331-500, (1) APS32		5.1.5.556	- 5 1.0.00		1-711-022-1213
			Ctanhan T	atanda@aatalaaia.ar	.4.054.070.0:::
Engine stands: CF6-80C2, CFM56-3, CFM56-5A			Stephen Toutt	stands@gatelesis.com	+1-954-676-3111
(1) APU GTC131-9A, (1) APU GTC131-9B	Now - Sale / Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
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