

# Weekly Aviation Headline News

## WORLD NEWS

### Hyperion Aero Capital launches new aircraft financing platform

Hyperion Aero Capital has announced it has launched a new aircraft funding platform focused on providing financing for long-term cargo leasing and leased business jets. The launch of Hyperion Aero Capital aims to fill the gap in cargo and business jet financing, offering a variety of financing options and drawing from Hyperion Aviation's decades of experience in aviation fleet management. Financing for aircraft has become increasingly fragmented as the traditional lenders have retreated to more vanilla financing and yet the private aviation sector continues to grow.

### WestJet to launch B737-800 freighter operations in 2023

WestJet Cargo confirmed the launch of 4 dedicated Boeing 737-800 freighters on March 26, 2023 to massively increase its operations, thereby meeting the growing demand of the Canadian market. WestJet Cargo is about to enter a very promising and period in its development. The arrival of the new fleet will enable the airline to meet the rising demand of the Canadian market, more than ever before, said Kirsten De Bruijn, WestJet Executive Vice President of Cargo. 2023 will undoubtedly be a significant year for WestJet Cargo.

### WFS celebrates new contract wins

Worldwide Flight Services (WFS) is celebrating two significant new contract wins in Asia for baggage handling services at Hong Kong International Airport (HKIA) and the renewal of its CIP Terminal Services contract in Singapore. In Hong Kong, WFS will commence its new baggage handling responsibilities on behalf of the airport authorities in January 2023 at the start of a three-year contract. This will cover the handling of out-of-gauge (OOG) baggage, HKIA VIP Lounge baggage delivery and baggage tub recycling as well as air-to-sea and sea-to-air bags transported to HKIA's baggage handling system.



Outlook for Aviation, presented by IATA's Willie Walsh and Marie Owens Thomsen.

© IATA

## Upbeat IATA expects a return to profitability in 2023

And puts sustainability as a key focus in the coming year

The International Air Transport Association (IATA) gathered international journalists in Geneva, Switzerland last week to give an update on the status of the air transport industry globally. IATA revealed that in 2022, airline net losses are expected to be \$6.9 billion which is significantly better than the performance of 2020 and 2021. IATA expects a return to profitability for the global airline industry from next year.

Of course, the effects of Covid were discussed in detail with all major regions now rising from the ashes of the pandemic with the expectation of China. As several in the industry have suggested, it is probably still too early to talk about a post-pandemic world especially when you consider the ongoing situation in China.

"For the rest of the world, we are seeing a strong recovery but still below where we were in 2019.

The domestic markets are pretty much back to where they were in 2019 and international is seeing steady recovery. So, given what we have come through in 2020, 2021, we have to be positive about 2022 but the headwinds we face are significant," stated IATA Director General Willie Walsh.

Sustainability was a major talking point in Geneva and Walsh gave an outline of where the industry stands today and the goals for 2023 in the race to achieve net zero in aviation by 2050. "I think we are making good progress," Walsh said. "Clearly, this is a very important target for the industry and we are on pace to see that." He further stressed the importance for all the stakeholders including governments and regulators to turn that

aspirational goal into something more concrete. Of significant concern, however, are the increased costs associated with the transition to net zero. "It is something that the industry recognises but we are going into this transition with our eyes open. It is going to be hard work and we know it is going to be expensive," Walsh stated.

**"Given what we have come through in 2020, 2021, we have to be positive about 2022 but the headwinds we face are significant."**

*IATA Director General Willie Walsh*

Looking at the lesson learnt from Covid, Walsh said the pandemic was clearly endemic now, with the exception of China, which is still pursuing zero Covid. "I think looking back on many of these restrictions, it is very clear to us now with the data that's available and the restrictions had very little, if any, positive impact on constraining or reducing the transmission of the virus," Walsh stated.

## AIRCRAFT & ENGINE NEWS

### FAA certifies PW812D engine

Pratt & Whitney Canada, a business unit of Pratt & Whitney, has released that the U.S. Federal Aviation Administration (FAA) has certified the PW812D engine, designed to power the Dassault Falcon 6X business jet. The PW812D engine has shown exceptional performance during testing with more than 6,100 hours of engine testing, including 1,150+ hours of flight testing and 20,000 hours on the engine core. With the total PW800 family, more than 240,000 hours of testing and field experience have been conducted, including 42,000+ hours of flight testing. The PW800 engine shares a common core with the Pratt & Whitney GTF engine which has flown 15M+ million hours since its launch in 2016.

### Swiss Air-Rescue Service Rega orders 12 additional five-bladed H145 helicopters

The Swiss Air-Rescue Service Rega has ordered a second batch of 12 five-bladed H145 helicopters to be operated from its mountain bases. They will replace the current fleet of AW109SP helicopters. This new order follows an initial contract for nine H145s, announced in March of this year. By 2026, Rega will operate an all-Airbus fleet consisting of 21 five-bladed H145s.

"To effectively operate life-saving air rescue services in Switzerland, we understand that the ability to perform optimally at altitude is paramount," says Bruno Even, CEO of Airbus Helicopters. "The five-bladed H145 landed on the Aconcagua in Chile, a mountain that is nearly 7,000 metres high – no other twin-engine helicopter has ever achieved this feat. That is why we are especially proud that Rega has put its faith in the five-bladed H145 and decided to make it the only helicopter type in its fleet to perform such critical missions."



Rega Airbus H145 helicopter

© Rega

### Embraer confirms Binter as customer for five E195-E2 aircraft

Embraer has confirmed that Spanish airline Binter is the customer for the new firm order for five E195-E2 aircraft announced last week and to be delivered in 2023 and 2024. These aircraft will be added to the fleet of five jets already incorporated as of 2019 when Binter became the first European customer for the E195-E2. The list price value of the contract is US\$389.4 million (£319 million), which will be added to Embraer's Q4 backlog. Binter's current fleet consists of 24 ATR 72-series aircraft and five Embraer E-195 E2 jets, to which it will add the newly ordered five E195-E2 jets in 2023 and 2024. It is based at Gran Canaria Airport (or Gando Airport) in the municipality of Telde on the island of Gran Canaria and on the island of Tenerife, at Tenerife Norte Airport in La Laguna, Spain.



Embraer E195-E2 aircraft in Binter livery

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## AIRCRAFT & ENGINE NEWS

### NAC and Executive Jet Support complete sale agreement for two Embraer E190s

Nordic Aviation Capital (NAC) and Executive Jet Support (EJS) have completed a sale agreement for two Embraer E190 jets. This will be Executive Jet Support's first E190 aircraft for disassembly and will greatly enhance its position in the marketplace as a significant player in the supply of spares to the regional and commercial marketplace. Executive Jet Support is based

in Chippenham, England and is a provider of commercial aircraft, engines and airframe components.

### Airbus likely to miss 2022 delivery target but reaffirms financial guidance

Airbus has admitted that owing to a complex operating environment at the moment, it is likely to miss its targeted delivery of "around 700" commercial aircraft this year, albeit marginally. This month its deliveries totalled 68 units, bringing the total deliveries for the year to 565 aircraft.

For 2023 and 2024 the European planemaker anticipates delivering 65 units per month and is targeting a ramp-up to 75 unit by 2025. In the meantime, Airbus has not changed its guidance presented with the nine-month 2022 results, which basically means guidance for EBIT Adjusted and Free Cash Flow before M&A and Customer Financing remains unchanged. The full year 2022 Airbus commercial aircraft orders and deliveries will be disclosed – after audit – on January 10, 2023. Full Year results will be disclosed on February 16, 2023. In November 2022 Airbus also registered 29 new orders and 14 cancellations bringing the backlog to 7,344 aircraft.

### Coulson Aviation secures four-year firefighting contract in Western Australia

Coulson Aviation has been awarded a four-year firefighting contract with the Western Australia government for a C-130H Hercules airtanker. The aircraft is already on its way to Australia from the U.S. Built by Lockheed Martin, the C-130 Hercules is a four-engine turboprop military transport aircraft. Coulson purchased the C-130 from the Norwegian military and overhauled and converted it into one of the industry's premiere large airtankers. It has a capacity of 4,000 gallons (15,000 litres) and is considered one of the world's most powerful aerial firefighting aircraft due to its range, versatility and suppression ability per drop. Western Australia Emergency Services Minister Stephen Dawson warned last month of an unpredictable and potentially devastating bushfire season with bushland primed with undergrowth as a result of heavy rains and climate change. Coulson's C-130H will be based in Busselton, Western Australia, to support fire suppression efforts throughout the season.



© Coulson Aviation has received a four-year firefighting contract with the Western Australia government for a C-130H Hercules airtanker

### AELS acquires Boeing 737-800 from TUI Belgium



The Boeing 737-800 airframe (MSN 34692, OO-JLO)

© AELS

AELS has released that it has completed the acquisition of a Boeing 737-800 airframe (MSN 34692, OO-JLO), previously owned and operated by TUI Belgium. This acquisition has been realised with the support of Skytech-AIC, that acted as Marketing Agent for TUI. This is the third airframe that AELS purchased from TUI, testifying that AELS is a competent partner to dismantle its aircraft in a responsible and sustainable manner. The aircraft was purchased without the engines and is located at Prestwick Airport in Scotland. Since the aircraft is unable to fly to the AELS' facility and the airport has limitations, a creative solution was developed. Approximately 1,000 parts, including the landing gear, will be added to the AELS inventory, ready to continue their way to their customers. Since 2006 AELS has been buying end-of-life Boeing and Airbus aircraft that the company disassembles at its own facility. AELS is the only company in Europe that handles the entire supply chain for aircraft that reach their end of life, from disassembly and dismantling, component management to material recycling.



## AIRCRAFT & ENGINE NEWS

### Air Greenland becomes latest A330neo operator



Air Greenland will deploy the A330neo between the arctic island and Denmark

© Airbus

Air Greenland has taken delivery of an A330-800 wide-body aircraft, becoming the latest operator of the type. The A330neo will replace previous-generation aircraft in the company's fleet, reducing operating cost, improving environmental efficiency while offering an unrivalled passenger experience. Air Greenland's A330neo will comfortably accommodate 305 passengers, featuring 42 premium-class seats and 263 economy-class seats. Air Greenland has also firmed up an agreement with Airbus on Flight Hour Services (FHS) covering component supply and maintenance services. Based on a circular economy model and carbon footprint reduction, the Airbus FHS offers more sustainability throughout the aircraft's life cycle. More than 1,200 aircraft worldwide are currently being contracted under Airbus FHS. To underline Air Greenland's sustainability strategy the delivery flight will be powered by a 30% blend of sustainable aviation fuel (SAF). Air Greenland will first deploy the A330neo between the arctic island and Denmark, adding North American and European routes at a later date.



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## MRO & PRODUCTION NEWS

### Nippon Cargo Airlines signs GEnx service agreement extension



Nippon Cargo Airlines B747 Freighter

© AirTeamImages

Nippon Cargo Airlines (NCA) has signed a six-year extension of its rate-per-flight-hour engine services agreement that covers the airline's GEnx-2B engines on its Boeing 747-8 freighter fleet. "The rate-per-flight-hour engine services agreement between NCA and GE strengthens our partnership and will ensure our GEnx engines are covered into the new decade," said Toshiaki Kobori, Managing Director of Engineering & Maintenance at NCA. NCA and GE have a long-standing relationship that began with the CF6 engine. Today, NCA operates an extensive fleet of aircraft powered by GE's CF6 and GEnx. The rate-per-flight-hour engine services offerings incorporate an array of GE capabilities and customisation across an engine's lifecycle. Each rate-per-flight-hour engine services offering is underpinned by GE's data and analytic capabilities and experience to help reduce maintenance burden and service disruptions for customers.

### Oriens Aviation expands at London Biggin Hill Airport

Oriens Aviation, the exclusive Pilatus and Tecnam aircraft distributor for the British Isles, will be expanding its MRO and customer support activities at London Biggin Hill Airport with a move to newly refurbished Hangar 170, providing an area of nearly 20,000 ft<sup>2</sup>. The new facility, featuring hangarage and workshop areas as well as a modern office wing is the new home of Oriens' growing maintenance business. In addition to its Pilatus PC-12/PC-24 maintenance services, Oriens holds Authorised Service Centre status to provide full maintenance on Cirrus SR20X aircraft. In the near future it plans to further expand its MRO capability to the Tecnam P2012 Traveller aircraft, with more Tecnam models to follow. Edwin Breninkmeyer, CEO at Oriens Aviation commented: "Demand for our aircraft sales and maintenance services is continuously increasing. This larger base at London Biggin Hill offers Oriens an excellent platform for growth."



Oriens' newly refurbished hangar at London Biggin Hill airport

© Oriens Aviation



## MRO & PRODUCTION NEWS

### Lufthansa Technik awarded contract for VIP cabin completion of an ACJ320neo

Lufthansa Technik has received an order from an unnamed private customer for the VIP interior of a brand-new Airbus ACJ320neo. The aircraft is expected to arrive at the company's cabin completion centre in Hamburg in late summer 2023, where it will receive its new interior by spring 2024. With customized fittings for private travel as well as for charter operations, the aircraft is designed to meet the highest demands. This will also be valid for the VIP jet's inflight entertainment and communications outfitting that will be based on a latest generation satellite communication system. The design of the cabin, whose conceptual renderings originate from Lufthansa Technik's in-house design centre in Hamburg, was developed in close cooperation with the customer. The layout of



Interior of ACJ320neo

© LHT

the cabin is linear and strictly oriented to the need for privacy: from the deliberately open grand entrance behind the cockpit through various lounge and office areas to the spacious and very private master bedroom in the rear. A special feature of the cabin is its flexible design for various purposes, from regular private trips of the owner with their family to chartering the aircraft to demanding individual travel groups. This flexibility is reflected not only in the choice of luxurious, yet extremely durable interior materials, but also in the certification of the aircraft, for which Lufthansa Technik will obtain Supplemental Type Certification for private and commercial flight operations. In addition to the completion of the VIP cabin, Lufthansa Technik will also provide an Aircraft Production Inspection Programme (APIP), the Continuing Airworthiness Management Organisation (CAMO) and, after delivery, aircraft maintenance and component support for the customer for an initial period of five years as part of the contract. Despite the extensive functionalities and a capacity of up to 19 passengers, Lufthansa Technik's specialists have also succeeded in keeping the weight of the cabin interior within particularly narrow limits. As a result, this ACJ320neo with its four auxiliary fuel tanks and efficient PW1100 geared turbofan engines from Pratt & Whitney will achieve the full range specified by Airbus Corporate Jets for this type.

### Sabena technics delivers Bombardier G7500 modified with Leonardo MIYSIS DIRCM



© Sabena technics

European maintenance and modification centre Sabena technics has successfully delivered a Bombardier G7500 jet to an undisclosed VVIP-customer after a complete system modification campaign, to add Self-Defence System (SDS) capabilities. Thanks to its expertise in aircraft modification, Sabena technics has carried out the entire work in-house, under full EASA certification standards and delivered the aircraft right on schedule. A recognized expertise for SDS integration using its strong capabilities and partnerships with leading aircraft system manufacturers, Sabena technics has been taking part in integrating self-protection systems on various aircraft.



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## MRO & PRODUCTION NEWS

### TA Aerospace selects Wencor for global distribution partnership

TA Aerospace has selected Wencor as an authorised distributor supporting the global commercial aftermarket and OEM market segments, as well as selecting Wencor as the preferred channel for defence. The multi-year agreement allows Wencor to support these channels through its global stocking facilities and on-site service locations at key customers. The global agreement includes TA's full suite of metallic and elastomer clamping systems, moulded grommets, and thermal fire barrier insulation solutions for the worldwide aerospace and defence markets.

### GE Aerospace to develop Service Technology Acceleration Centre

GE Aerospace is developing a new site dedicated to advancing inspection repair and overhaul technology that will be used at aviation service shops around the world. GE plans to invest US\$14 million (£11.5 million) and bring 50 salary jobs over the next two years to the Services Technology Acceleration Centre (STAC), located in the Cincinnati suburb of Springdale, Ohio. The STAC facility will be dedicated to developing engine services technologies and work processes, allowing for collaboration between engineering and manufacturing. The teams work together

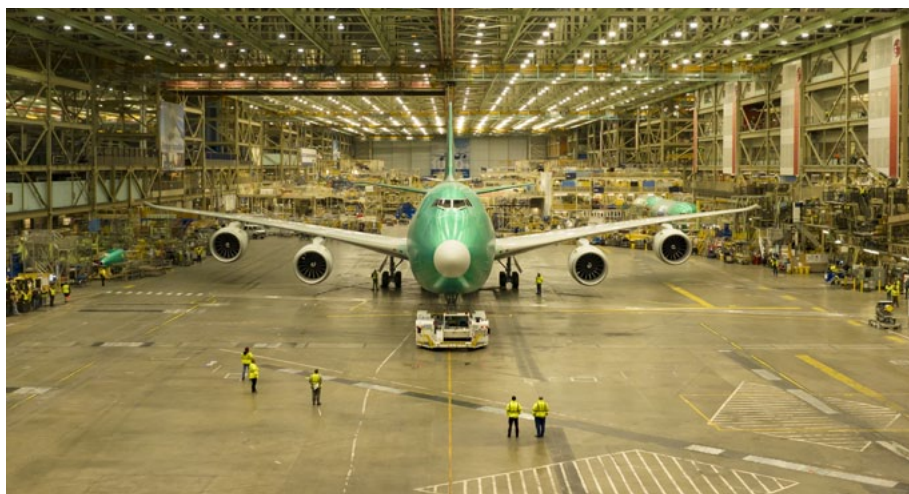
### Collins Aerospace opens new engineering and global operations centres in India



© Collins Aerospace India Global Engineering and Technology Centre

As part of a significant investment to expand its engineering, digital technology and manufacturing operations in India, Collins Aerospace, a unit of Raytheon Technologies Corp., has officially inaugurated its new Global Engineering and Technology Centre (GETC) and Collins India Operations Centre in Bengaluru. The new sites are part of a long-term growth strategy for Raytheon Technologies in India and globally to maximise collaboration and innovation providing cutting-edge solutions for customers and to provide additional STEM-based opportunities in the country. Approximately 3,000 engineers from three other Collins Aerospace locations in Bengaluru, as well as about 600 personnel from other Raytheon Technologies' group of companies will be moving into the 413,000 ft<sup>2</sup> GETC at Northgate Tech Park to facilitate collaboration across the company's businesses, with plans to expand its footprint on the three-acre site next year with new capabilities. Pratt & Whitney's United Technologies Corporation India Pvt Ltd. (UTC IPL) contract engineering services is also planned to open in early 2023 at the same location. "The opening of these new facilities in Bengaluru shows our continued commitment in India, expanding our capabilities and accelerating transformative technologies for a safer, more connected and sustainable world," said Dr Mauro Atalla, Senior-Vice President, Engineering & Technology for Collins Aerospace. "The GETC India organisation supports Collins' six strategic business units and is crucial to the continued success of our global businesses."

### End of an era as last-ever Boeing 747 "Jumbo Jet" leaves Everett factory



The last Boeing 747 leaves the company's wide-body factory

© Boeing/Paul Weatherman

It was a day for nostalgia at Boeing Co. on December 6 as the last-ever 747 Jumbo Jet, a 747-8 freighter left the company's plant in Everett, Washington for completion before being delivered to Atlas Air early next year. It was 54 years ago that the first-ever 747 rolled off the production line at the purpose-built plant in Everett on September 30, 1968, entering into service for its launch customer Pan Am on January 22, 1970. The 747, nicknamed the "Jumbo Jet" because of its extraordinary size at the time, was the world's first twin-aisle commercial aircraft. Since then and as a family with multiple variants, 1,574 of the aircraft have rolled off the production line at Everett. "For more than half a century, tens of thousands of dedicated Boeing employees have designed and built this magnificent airplane that has truly changed the world. We are proud that this plane will continue to fly across

the globe for years to come," said Kim Smith, Boeing Vice President and general manager, 747 and 767 programmes. This final variant is a 747-8 freighter which has a revenue payload of 133.1 tonnes, sufficient to transport 10,699 solid-gold bars or approximately 19 million ping-pong balls!

## MRO & PRODUCTION NEWS

to demonstrate a technology's manufacturing readiness before scaling it for use at service shops, accelerating the entry of new repairs into the market. The 85,000 ft<sup>2</sup> facility will also be used as a training centre for many of these state-of-the-art service technologies, as well as a GE Aerospace customer education centre. GE Aerospace Commercial Engine & Service franchise is globally responsible for on-wing support, repair, used materials and overhaul of global airlines' fleets. In the past five years, GE has developed and matured a number of technologies at its service shops, including GE 360 Foam Wash, AI White Light Inspection and Blade Inspection Tool (BIT).

### 3TOP Aviation Services acquires another Boeing 737-900 for disassembly

3TOP Aviation Services (3TOP), a renowned aviation asset management and trading company specialising in aftermarket inventory support solutions, has announced the acquisition of another Boeing 737-900 aircraft, its third in the last six months. Chris Emechete, CEO at 3TOP, commented: "We're focused on acquiring a select range of asset types which fit neatly within our growth plan, of which the 737NG platform features prominently. We continue to seek out the right opportunities to expand our inventory holding as we strive to maintain our position as a strong and reliable industry source for airframes, engines and their constituent material."

The airframe will be disassembled at the Tarmac facility in France and material used to support 3TOP's worldwide network of customers. The associated CFM56-7B26 engines will augment 3TOP's expanding engine trading, leasing and material supply portfolio.

### Jet Aviation extends Boeing 777 maintenance capabilities in Basel



© Jet Aviation Basel

Jet Aviation Basel is now approved for heavy maintenance on the Boeing 777 up to and including 15-year checks. The work scope extension required the company to invest in additional specialized tools and training for the Boeing 777 and was approved in late 2022. "The Boeing 777 is an important platform, and we are delighted to be able to offer heavy maintenance on this aircraft to our customers across the region and beyond. I look forward to welcoming more 777s to Basel in the

future," commented Cyril Martiniere, VP MRO Europe and GM Basel. Jet Aviation Basel holds maintenance approval for over 50 aircraft types and is an authorised service centre for Airbus Corporate Jets, Boeing Business Jets, Gulfstream and Embraer. The facility comprises six hangars totalling over 36,700 m<sup>2</sup>, with an additional 13,500 m<sup>2</sup> of workshops, and can accommodate aircraft up to the Airbus 380 and Boeing 747 in size.

### Magnetic MRO working together with Falko during long-term storage of five ATR aircraft

Magnetic MRO, a brand of Magnetic Group, has entered into a partnership with commercial aircraft leasing company Falko to provide long-term storage for five ATR 72 aircraft parked in Tallinn. Falko is the servicer of five ATR 72 aircraft in Tallinn, all of which are in long-term storage, i.e., the aircraft are parked for over half a year. According to the client's schedule and maintenance manuals, Magnetic MRO works with these aircraft on a weekly basis, carrying out periodic checks according to the manufacturer's instructions. "With the aircraft in long-term storage, Falko is actively working alongside Magnetic MRO to ensure the aircraft are maintained in accordance with the storage programme," said Kevin Hill, Technical Director at Falko.



ATR 72 aircraft in storage in Tallinn

© Magnetic MRO

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## MRO & PRODUCTION NEWS

### N3 Engine Overhaul Services expands product portfolio with fifth engine type

N3 Engine Overhaul Services (N3), the joint venture between Lufthansa Technik and Rolls-Royce for the overhaul and repair of aircraft engines, is now authorised to maintain Boeing 787 Dreamliner engines. The Luftfahrt-Bundesamt (LBA) granted N3 the approval to work as a maintenance organisation (Part 145) for large engines such as the Rolls-Royce Trent 1000 TEN. This operating license allows N3 to expand its product portfolio with a fifth engine type. This will help satisfy the growing demand for maintenance services for Rolls-Royce Trent engines and also provides the basis for further expansion projects at the site, located on the outskirts of the Thuringian municipality of Arnstadt, Germany. Going forward, service capacity is to be increased from the current 160 engines per year to at least 250 engines per year in the coming years. N3 Managing Director Carsten Behrens (CEO of N3 since April, representing Rolls-Royce) commented: "With the operating license for the Rolls-Royce Trent 1000 TEN engine, we are securing our future by expanding and increasing our capacities. As a result, we will be able to react with greater flexibility to future maintenance and repair demand concerning Rolls-Royce Trent engines and, thanks to our efficiency and reliability, we will continue to establish ourselves in the overhaul network of our parent companies. "The new engine type in the N3 portfolio also marks the entry into the Boeing world for the company. Until now, N3 has only looked after Trent models used on Airbus aircraft.

## MILITARY AND DEFENCE

### UK, Japan and Italy shun US support with new sixth-generation fighter jet

The UK, Japan and Italy have announced that the three countries are to co-operate in the production of a new, sixth-generation fighter jet that will replace the current Typhoon aircraft in Europe and Japan's F-2. "We are announcing the Global Combat Air Programme (GCAP) – an ambitious endeavour to develop a next-generation fighter aircraft by 2035," British, Japanese and Italian leaders said in a joint statement. The announcement purposely

## MILITARY AND DEFENCE

### Boeing delivers first of four P-8A aircraft to New Zealand



The first of four P-8A Poseidon maritime patrol aircraft has officially been handed over to New Zealand © Boeing

On December 7, New Zealand received the first of four Boeing P-8A Poseidon maritime patrol aircraft. The milestone comes four years after the New Zealand Government entered into an agreement with the U.S. Navy for the P-8A aircraft. Boeing Defence Australia will provide sustainment services for New Zealand's fleet with the support of the P-8 International Programme. New Zealand's three remaining P-8 aircraft are all in advanced stages of production and will be delivered in 2023. The aircraft will replace New Zealand's current fleet of six P-3K2 Orions and will be based at Royal New Zealand Air Force Base Ohakea.

### Savback Helicopters signs LoI for 25 Mayman Aerospace Speeders



Speeder will add new capabilities to the Savback Helicopter portfolio © Savback

Having been appointed as the exclusive marketing and sales representative for Speeder in the Nordic countries in June 2022, Sweden-based Savback Helicopters (Savback) has confirmed it has signed a Letter of Intent with Mayman Aerospace for the acquisition of 25 Speeder Air Utility Vehicles (AUVs), making Savback the first civilian purchaser for the aircraft. The announced deal has a book value of US\$45 million (£37 million). Savback chairman,

Michael Savback, anticipates Speeder's core attributes, including its incredible manoeuvrability, high-speed and heavy payload capabilities, will be extremely attractive to military customers in the Scandinavian region. Speeders are compact, fast, powerful, and long-range and can fly in autonomous, remote, or piloted configurations in challenging environments and weather where other aircraft may be grounded. Similar to a quadbike in size, the Speeder has been designed and modelled to lift 1,000 lbs and fly 400 miles at over 500 mph in unpowered cargo mode and Mayman Aerospace is currently working closely with the FAA toward flight certification. Initial test flights will be remotely controlled, with piloted tests anticipated towards the end of Q4 2023. The Speeder is faster and more powerful than electric drones and eVTOLs, smaller and appreciably less expensive than a helicopter and will be powered by regular, Zero-Net-Carbon or Sustainable Aviation Fuel (SAF). "The Speeder is an outstandingly versatile machine. We are proud to announce our intent to add this advanced technology to our existing portfolio. This aircraft is well placed to satisfy the growing needs of our military forces for vehicles that can support contested logistics, casevac and cargo missions in minimal time with maximum reliability. The autonomously piloted Speeder reduces human risk and strengthens existing fleet proficiencies; it's a winning formula all around," Michael Savback commented.

## MILITARY AND DEFENCE

avoided mentioning Russia or China by name but made it clear that the new jet is a necessity because “threats and aggression are increasing” against the “rules-based, free and open international order,” adding that “Defending our democracy, economy and security, and protecting regional stability, are ever more important.” The news comes hot on the heels of the announcement by Northrop Grumman that it is to build a sixth-generation stealth jet for the US Air Force. The announcement has received the full backing of the US government with whom the three countries are involved with the production of the fifth-generation F-35 programme. This latest development will have no effect on the F-35 programme. “The United States supports Japan’s security and defence cooperation with likeminded allies and partners, including with the United Kingdom and Italy – two close partners of both of our countries – on the development of its next fighter aircraft,” the US-Japan statement said. “Future interoperability with the United States, with NATO and with our partners across Europe, the Indo-Pacific and globally – is reflected in the name we have chosen for our program. This concept will be at the centre of its development,” the British government commented in a separate statement. Critics have said that strict US export controls on military technology have sometimes limited what customers of planes like the F-35 could do to adapt them to their specific needs. The leaders said the GCAP programme “will support the sovereign capability of all three countries to design, deliver and upgrade cutting-edge combat air capabilities.”

## FINANCIAL NEWS

### International Aerospace Coatings (IAC Group) acquired by Tiger Infrastructure Partners

Tiger Infrastructure Partners (Tiger), a private equity infrastructure investor, has announced the acquisition of International Aerospace Coatings (IAC) Group, which includes Eirtech Aviation Services. IAC Group is one of the world’s leading aviation services providers headquartered in Shannon, Ireland and Irvine, California. IAC’s portfolio of 18 aircraft hangars is strategically located at seven airports and two customer sites in the United States and Europe, providing essential services to customers in the global aviation industry, including aircraft manufacturers, commercial airlines, aircraft leasing companies, air cargo carriers and governments. IAC Group employs more than 1,000 people worldwide, including more than 250 in Shannon, Ireland. “As a growth-oriented

### The B-21 Raider, the world’s first sixth-generation aircraft, unveiled by Northrop Grumman and the U.S. Air Force

Northrop Grumman Corporation and the U.S. Air Force have unveiled the B-21 Raider, the world’s first sixth-generation aircraft which has been designed to meet the most complex of missions. Its sixth-generation capabilities include stealth, information advantage and open architecture and the aircraft will form the backbone for the future of U.S. air power, delivering a new era of capability and flexibility through advanced integration of data, sensors and weapons. “The Northrop Grumman team develops and delivers technology that advances science, looks into the future and brings it to the here and now,” said Kathy Warden, Chair, Chief Executive Officer and President, Northrop Grumman. “The B-21 Raider defines a new era in technology and strengthens America’s role of delivering peace through deterrence.” The B-21-Raider will form one third of the U.S. nuclear triad, a three-sided military-force structure consisting of land-launched nuclear missiles, nuclear-missile-armed submarines, and strategic aircraft with nuclear bombs and missiles. The B-21 is capable of networking across the battlespace to multiple systems, and into all domains. Supported by a digital ecosystem throughout its lifecycle, the B-21 can quickly evolve through rapid technology upgrades that provide new capabilities to outpace future threats. The B-21 Raider is named in honour of the Doolittle Raids of World War II when 80 men, led by Lt. Col. James “Jimmy” Doolittle, and 16 B-25 Mitchell medium bombers set off on a mission that changed the course of World War II. The designation B-21 recognizes the Raider as the first bomber of the 21st century.



Northrop Grumman and the U.S. Air Force introduced the B-21 Raider  
© Northrop Grumman

## OTHER NEWS



Etihad Cargo will introduce twice-weekly freighter service from Shanghai to Abu Dhabi via Chennai starting December 8<sup>th</sup>  
© Etihad Cargo

**Etihad Cargo**, the cargo and logistics arm of **Etihad Aviation Group**, has reinforced its commitment to the Chinese and Indian markets, reinstating a twice-weekly freighter service from Shanghai to Abu Dhabi via Chennai starting December 8. The additional freighter service will provide additional capacity into two key global markets. This latest addition to Etihad Cargo’s network follows the introduction of twice-weekly direct flights to Guangzhou. With the introduction of this destination to the carrier’s network, Etihad Cargo became the first international airline to operate long-haul cargo and passenger services to the top-three Chinese gateways — Shanghai, Beijing and Guangzhou — since the beginning of the pandemic. In addition to expanding operations in China and India, Etihad Cargo has continuously reviewed its global network, adding destinations and frequencies, and is optimising freighter utilisation to support key trade lanes and customer demand.



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## FINANCIAL NEWS

infrastructure investor, we were attracted to IAC because of its compelling growth prospects, leading market position, substantial asset base and stakeholder relationships along with its strong balance sheet,” said Emil W. Henry, Jr., CEO of Tiger Infrastructure. “With operations in both the United States and Europe, IAC aligns well with Tiger’s trans-Atlantic footprint and capabilities, which are a source of competitive advantage for us in the markets in which we operate.” Tiger invests in sectors such as Digital Infrastructure, Energy Transition and Transportation in North America and Europe.

### C&L Aviation Group purchases UK-based ACLAS Technics

C&L Aviation Group has purchased ACLAS Technics, a UK-based company that offers structural component repair and overhaul for multiple aircraft types, including the ATR 42, ATR 72, P-8 Poseidon, B737, B747, B757, B777, A320, A330 and more. This acquisition made by C&L is a continuation of growth plans which includes expanding its product and service offerings globally. Charles Henery, ACLAS Technics founder, will remain the Managing Director at the company. “Since conception, ACLAS Technics has established itself as a market leader in supporting its broad customer base which includes the industry’s largest airlines, aftermarket, MRO, and OEMs,” Henery said. “Having recently expanded structural

## OTHER NEWS



Rendering of new Bodø Airport

© LPO – Archus, Avinor

**Avinor AS** (Avinor), the state-owned limited company that operates most of the civil airports in Norway, has agreed to build a new airport 900 miles to the south of Bodø, Norway. The deal is based on a partnership between the municipality of Bodø, the **Norwegian Armed Forces** and Avinor, with completion of the new airport scheduled for completion in 2029. The overall cost of the project has been set at NOK 7.2 billion with Avinor’s contribution to the project amounting to NOK 2.6 billion. “We have always been committed to securing the right allocation of costs in the project, and on ensuring that the correct framework with all necessary clarifications is in place between the parties. Now that enough issues have been clarified, we are satisfied to be able to make this historic decision,” said Abraham Foss, CEO of Avinor. He also made no secret of the fact that the process to reach this decision has been a challenge Avinor. In January, the Board resolved to postpone its decision on the airport for several reasons, including the company’s financial following the pandemic. Avinor’s loss of income because of COVID-19 in the period 2020-2022 has amounted to NOK 16 billion. The first contract to be announced will be published in the first week of January and will be for the construction of the runway, taxiways, aircraft stands and other external infrastructure, also referred to as ‘contract E02 airside’. “We are looking forward to getting to work on the project itself and we feel that this decision finally sees us underway.” The current airport at Bodø will remain fully operational up to the day before the new airport is officially opened (£1.00 = NOK 12.19 at time of publication).

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## FINANCIAL NEWS

component capability support on the ATR, Airbus, Boeing, and Bombardier platforms, we are excited to work with an exceptional group such as C&L Aviation, which brings a global network and exemplary reputation. Together, we can expand our business and offer unrivalled service provision to our current and future customers.” Over the past several years C&L has continued to build support for the ATR 42 / ATR 72 and has made a concerted effort to be one of the leading providers of ATR parts, services and component repair capabilities globally. This, combined with being a distributor for many OEM products and creating a PMA part manufacturing programme, C&L continues to increase its ability to be a full-support partner for ATR operators. The combined capabilities and infrastructure will benefit ATR operators globally and additionally, will expand offerings on other aircraft types to operators around the world.

## VINCI becomes largest shareholder in Mexican airport operator OMA

VINCI Airports has finalised the acquisition of Fintech's 29.99% stake in OMA (Grupo Aeroportuario del Centro Norte) for a total amount of US\$1.17 billion (£959 million), thereby becoming the largest shareholder in the Mexican airport operator. The transaction follows the signing of an agreement with OMA's former shareholder in July 2022. With this stake in a company holding a concession that will mature in 25 years, VINCI Airports is moving into Mexico and, as OMA's largest shareholder, will contribute to operating 13 airports in a country with high growth potential: Monterrey International Airport (the airport handles about half of OMA's passenger traffic, while the city is Mexico's industrial capital and second-largest metropolis); the airports at Chihuahua, Ciudad Juarez, Culiacan and Mazatlan and regional and tourist airports on the Pacific coast and in the centre of the country (Acapulco, San Luis Potosí, Torreon, Zihuatanejo, Durango, Zacatecas, Tampico and Reynosa).

Passenger traffic at OMA airports has hovered above pre-health-crisis levels since last July. Overall, in the first 11 months of the year – during which the airports handled 21 million passengers and flights to and from 170 destinations –, traffic is at 99% of its 2019 level. VINCI Airports will maintain this momentum to address growing demand for domestic travel in the Americas' third-most-populated country and for international travel, especially to and from the United States, by starting up direct flights between Monterrey and Los Angeles, Houston, Detroit and Austin. VINCI Airports will also roll out its environmental action plan aimed at net zero emissions throughout its network by 2050.

## OTHER NEWS

### Air France-KLM and TotalEnergies

have signed a Memorandum of Understanding (MoU) that will see TotalEnergies deliver more than one million cubic metres or 800,000 tonnes of Sustainable Aviation Fuel (SAF) to Air France-KLM Group airlines over a ten-year period, starting in 2023. This SAF will be produced by TotalEnergies at its biorefineries and will be made available to the Air France-KLM Group's airlines, mainly for flights departing from France (in accordance with French legislation) and the Netherlands. Air France-KLM has implemented a strict sourcing policy and is committed to procuring only SAF fuels that do not compete with human food or animal feed, that are RSB or ISCC certified for sustainability and that are not derived from palm oil. With the signing of this MoU, Air France-KLM and TotalEnergies confirm their collaboration and their goal of furthering the development of a more responsible aviation sector.



AirFrance-KLM and TotalEnergies signing of MOU © AirFrance-KLM



London Heathrow Airport

© AirTeamImages

Staff at the UK's Border Force which provides personnel at airports and ferry ports to check the passports of incoming and outgoing passengers are to go on strike over the festive season. It has been announced by the **Public and Commercial Services Union** (PCS) which represents Border Force members that there will be two phases to the eight days of strikes, December 23 – 26 inclusive, and December 28-31, inclusive. This will result in the absence of over 1,000 officials at passport controls at airports including Heathrow, Gatwick, Manchester, Glasgow, Birmingham and Cardiff. The PCS is looking for a pay increase for its members of 10% while the UK government is currently only offering 2%. The members of the UK Border force are not employed directly by airports. In response to the threatened strikes, the UK government has turned to the army for help and will be training enlisted soldiers to man the border control checkpoints at airports. They will go on an accelerated training course that would usually take between five and six weeks to complete. Both Heathrow and Gatwick Airports have been relatively bullish with regard to the impending delays at a critical time of the year, advising that delays to passengers flights, or even cancellations, are unlikely. However, as a pre-emptive strike, several carriers are looking to cancel flights in advance of the dates. Manchester airport said: “Unfortunately, we expect it will be necessary for airlines to cancel some services on the days impacted by strike action to ensure the number of arriving passengers aligns with lower UK Border Force resources. We will be working with our airlines to provide passengers with as much advance notice of cancelled services as possible, so that people have the chance to rebook their travel around the strike days.”

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## OTHER NEWS

**Baltic Ground Services** (BGS), a full-range provider of aviation services and a family member of **Avia Solutions Group**, has extended its partnership with low-cost airline **Ryanair**. Under the renewed partnership agreement, BGS will provide Ryanair with into-plane fuelling at Riga International



BGS will provide Ryanair with into-plane fuelling at Riga International Airport  
© Avia Solutions Group

Airport, Latvia. The companies will be working together for at least one more year. This new agreement is a continuation of a successful long-term partnership between the companies. BGS has been working with Ryanair since 2016.

2024), subject to O'Leary remaining in employment with the group until July 2028 and delivering stretched performance targets (incl. raised PAT targets of up to €2.2 billion and/or a share price of €21) which will considerably reward all shareholders if these ambitious targets are delivered. If these targets are not achieved, then these share options will lapse, and O'Leary will receive nothing other than his basic salary. An amended Remuneration Policy, reflecting these changes, will be tabled at Ryanair's 2023 AGM. Nolan is a former Chair of the IAA (from 2010 to 2018) and previously served as Chief Executive of the Irish Pharmaceutical Healthcare Association. She has also served on various boards incl. the Food Safety Authority of Ireland, the Irish Medicines Board, the Executive Committee of the European Federation of Pharmaceutical Industries and the Board of the Smurfit Graduate School of Business. (£1.00 = €1.16 at time of publication).

## INDUSTRY PEOPLE



Jürgen Sehne

- Complete Aircraft Services GmbH (CAS) will start operations as part of the AeroVisto Group on January 1, 2023. At the same time, **Jürgen Sehne** will assume the role of Managing Director. After studying aerospace and

industrial engineering in the '90s, Sehne worked for several well-known aviation companies, including Dornier, Airbus, Lufthansa, Condor and SWISS. During this time, he gained a great deal of experience in various areas of the aviation industry – from aircraft development, engineering and controlling to operational planning and production management. In various management positions over the past 25 years, he has already built, led and developed several teams and has a comprehensive knowledge of both commercial aviation, and private and business aviation. Sehne will take over the management of a successful and well-organised company and will work with an experienced and high-performing team. Thus, from the very beginning, he can focus on leveraging the existing growth potential of CAS, ensuring its further positive development as part of the AeroVisto Group.

- Boeing has appointed **Dr Brendan Nelson** as new President of Boeing International (BI), and who will lead the company's international strategy and corporate operations. The former Australian diplomat and

government minister will succeed **Sir Michael Arthur** when he retires from Boeing in early 2023 after five decades of service in the public and private sectors, including the past four years at the helm of Boeing International. Nelson, the second non-U.S. citizen to lead the organisation, will report to Boeing President and CEO **Dave Calhoun** and join the company's executive council. The Australian citizen has been President of Boeing Australia, New Zealand and South Pacific since February 2020. He will move to London to take up his new role, effective January 12, 2023. **Maria Fernandez** PSM will become President of Boeing Australia, New Zealand and South Pacific effective December 20, 2022. She will be the senior company leader in the Oceania region and board chair of Boeing Australia Holdings. In this role, Fernandez will coordinate Boeing Australia activities, lead government relations and direct the implementation of the company's strategy to expand its local presence and grow the business.

- Ryanair Holdings has confirmed that the group has reached an agreement with Group CEO, **Michael O'Leary** to extend his contract from July 2024 to July 2028. Furthermore, the group has appointed **Anne Nolan** (former Chair of the Irish Aviation Authority – IAA) to its Board as a Non-Executive Director (NED) with immediate effect. The Board confirmed that it has agreed a contract extension which will see O'Leary remain as Group CEO until the end of July 2028 (previously July 2024). Under this extended contract the final vesting date for share options granted in 2019 will be extended to 2028 (from

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# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	FPG Amentum	V2527M-A5	3705	2008	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
A319-100	BBAM	CFM56-5B5/P	2119	2004	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-100	BBAM	CFM56-5B5/P	2283	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A319-112	Deucalion Aviation Limited	CFM56-5B63	3586	2008	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A319-133	Deucalion Aviation Limited	V2533M-A5	2965	2007	Q4/2022	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A319-131	Deucalion Aviation Limited	V2522-A5	2375	2005	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-200	BBAM	CFM56-5B4/3	6467	2015	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A320-200	ORIX Aviation	CFM56-5B4/3	4714	2011	Q3/2023	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	ORIX Aviation	CFM56-5B4/P	2620	2005	Q2/2023	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	Deucalion Aviation Limited	V2527-A5	4552	2010	Now	Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Now	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
A330-200	Doric	Trent 772B-60/16	1407	2013	Q4/2022	Sale / Lease	Maurick Groeneveld	maurick.groeneveld@doric.com	+49 (0)69 247559931
A330-200	GA Telesis	PW4168A	322	2000	Jul 2022	Sale / Lease	David Byrne	aircraft@gatelesis.com	+353 86 780 8974
A330-300	BBAM	Trent 772B-60	1633	2015	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	Trent 772B-60	1609	2015	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A330-300	BBAM	Trent 772B-60	1482	2014	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
A350-900	ORIX Aviation	TRENTXWB-84	391	2020	Now	Sale / Lease	Cian Coakley	cian.coakley@orix.ie	+353 86 335 0004
B737-300	Deucalion Aviation Limited	CFM56-3C1	4552	1998	Q2/2023	Sale	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B737-800	BBAM	CFM56-7B26/3	29637	2009	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B737-800	ORIX Aviation	CFM56-7B26/3	35216	2007	Now	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B757-200 Cargo	Airwork Ireland Limited	RB211-535E4	27051	1995	Now	Lease	Robbie Brazel	robbie.brazel@airworkgroup.com	+353 87 372 8262
B757-200 Cargo	Airwork Ireland Limited	RB211-535E4	25297	1992	Q4/2022	Lease	Robbie Brazel	robbie.brazel@airworkgroup.com	+353 87 372 8262
B737-900ER	Deucalion Aviation Limited	CFM56-7B26	35717	2007	Now	Sale / Lease	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
B777-300ER	BBAM	GE90-115BL	38407	2011	Mar 2023	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	ALTAVAIR	GE90-115B	34600	2006	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
B777-300ER	ALTAVAIR	GE90-115B	39700	2009	Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493



# THE AIRCRAFT AND ENGINE MARKETPLACE

## Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200	Regional One	CF34-3B1	7925	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7926	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7937	2004	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200	Regional One	CF34-3B1	7941	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200ER	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200ER	Regional One	CF34-3B1	8059	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ-200LR	Regional One	CF34-3B1	7625	2002	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15215	2009	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900	Regional One	CF34-8C5	15207	2008	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900ER	Regional One	CF34-8C5	15111	2007	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
CRJ900ER	Regional One	CF34-8C5	15115	2007	Now	Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
DHC8-Q400	Regional One	PW150A	4042	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
DHC8-Q400	Regional One	PW150A	4100	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007	145508	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ-145LR	Regional One	AE3007	145515	2001	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
ERJ170-100LR	Regional One	CF34-8E5	17000093	2005	Now	Sale / Lease	Kurt Brulisauer	kbrulisauer@regionalone.com	+1 (404) 542-5320
SAAB 2000	Jetstream Aviation Capital	AE2100A	031	1996	Now	Sale / Lease	Donald Kamenz	dkamenz@jetstreamavcap.com	+1 (305) 447-1920 x 115
SAAB 340B CRG	Jetstream Aviation Capital	CT7-9B	224	1990	Now	Lease	Bill Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102
SAAB 340B Plus	Jetstream Aviation Capital	CT7-9B	450	1998	Now	Lease	Bill Jones	bjones@jetstreamavcap.com	+1 (305) 447-1920 x 102

## Commercial Engines

AE3007 Engines		Sale / Lease	Company	Contact	Email	Phone
(2) AE3007A1E		Now - Lease	Aircraft and Engine Lease Corp.		fleetmanager@aalc.aero	
CF34 Engines		Sale / Lease	Company	Contact	Email	Phone
CF34-8E5		Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
CF34-10E		Now - Lease				
CF34-8C		Now - Lease				
CF34-3A		Now - Sale / Lease				
(2) CF34-10E6	Full QEC	Now - Sale / Lease	DASI	Joe Hutchings	joe.hutchings@dasi.com	+ 1 954-478-7195
(1) CF34-10E5A1	Full QEC	Now - Sale / Lease				
(3) CF34-10E6		Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CF34-10E7		Now - Lease				
(1) CF34-8C5A1		Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(2) CF34-8C5B1		Now - Sale/Lease/Exch.				
(3) CF34-8E5A1		Now - Sale/Lease/Exch.				
(1) CF34-10E6		Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717





# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commercial Engines (cont.)

CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) CF6-80E1	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-5B3/3	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiaaviation.com	+1 786-785-0777
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-5B3/P	Now - Lease				
(1) CFM56-5B1/P	Now - Lease				
(1) CFM56-7B24	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(2) CFM56-7B24/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(2) CFM56-7B24/E	Now - Lease				
(1) CFM56-7B26	Now - Lease				
(2) CFM56-5C4/P	Now - Lease				
(2) CFM56-5C4	Now - Lease				
(1) CFM56-7B26E	Now - Lease				
(2) CFM56-5B5/P	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7040
(1) CFM56-5B4/P	Now - Sale / Lease				
(2) CFM56-5B6	Now - Sale / Lease				
(1) CFM56-5A3	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)1357 521144
(1) CFM56-5B2/P	Now - Sale/Lease/Exch.	Contrail Aviation Support	Mark Shaw	mark@contrail.com	+33 6 5834 1965
(2) CFM56-7B22	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(1) CFM56-7B24/E	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(2) CFM56-7B27E/B1F	Now - Lease				
(2) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(1) CFM56-5C4/P (u/s)	Now - Sale	Castlelake	Stuart MacGregor	Stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B22/3	Now - Lease				
(1) CFM56-5B3/P	Now - Sale	FL Technics	Modestas Valiusevicius	m.valiusevicius@fltechnics.com	+370 5 252 5015
(1) CFM56-5B6/3	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(1) CFM56-5B3/P	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(2) CFM56-5B6/P	Now - Sale/Lease/Exch.				
(1) CFM56-7B27	Now - Sale/Lease/Exch.				
GE90 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) GE90-94B	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) GE90-115BL (Propulsor)	Now - Lease				
(2) GE90-90B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(1) LEAP-1A35	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(3) LEAP-1B28	Now - Lease				
PW1100G Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW1100G-JM	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW4168	Now - Sale / Lease	Castlelake	Graeme Dodd	Graeme.dodd@castlelake.com	+44 207 190 6138
(1) PW4168A	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(2) PW4168A	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(1) PW4168A	Q4/2022 - Sale	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
PW119B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW119B	Now - Lease				
PW120A	Now - Lease				
PW121 (ATR)	Now - Lease				
PW124B	Now - Lease				
PW123B	Now - Lease				
PW125B	Now - Lease				
PW127F	Now - Lease				
PW150A	Now - Lease				
PW127M	Now - Lease				
PW150A RGB	Now - Lease				

# THE AIRCRAFT AND ENGINE MARKETPLACE

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW121	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.	Regional One	Duane Butler	dbutler@regionalone.com	+1 561-809-0001
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 XWB-84	Now - Sale/Lease/Exch.				
(1) Trent 556-61	Now - Sale/Lease/Exch.				
(1) Trent 772B-60	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) V2527-A5	Q3/2022 - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	RRPF Marketing	RRPFMarketing@rolls-royce.com	+44 7528975877
(1) V2533-A5	Now - Sale/Lease/Exch.				
(3) V2533-A5	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) V2524-A5	Now - Lease				
(2) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Sale / Lease	Castlelake	Graeme Dodd	Graeme.dodd@castlelake.com	+44 207 190 6138
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiairline.com	+1 786-785-0777
(2) V2522-A5	Now - Lease	Deucalion Aviation Limited	Jonathan Louch	aircraft@deucalion.com	+44 207 256 4449
(2) V2527-A5	Now - Lease				
(2) V2527-A5	Now - Sale/Lease/Exch.	Magellan Aviation Group	Bradley Hogan	bradley.hogan@magellangroup.net	+1 980.256.7120
(1) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2527E-A5	Now - Lease				
(4) V2527-A5	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
(2) V2533-A5	Now - Sale / Lease				
Aircraft and Engine Parts, Components 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
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					
(2) A320, (2) A330, (1) A340 Landing Gear Shipsets		GA Telesis		landinggearsales@gatelesis.com	
(1) A320 ENH NLG					
GTCP131-9A (2), GTCP131-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
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				
(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				
(1) GTCP331-500B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(2) APS2300, (1) APS3200	Now - Sale / Lease	DASI	Chris Glascock	chris.glascock@dasi.com	+1 954-801-3592
((1) GTCP331-200ER, (2) RE220RJ	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 954-683-1893
(2) GTCP36-150RJ					
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Now - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(4) GTCP131-9B, (2) GTCP131-9A		GA Telesis	Jay Meshay	apu@gatelesis.com	+1-954-849-3509
(1) GTCP331-350, (1) GTCP331-500, (2) APS3200B, (3) APS3200C					
Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000			Ricky Torres	stands@gatelesis.com	+1-954-676-3111
(3) APU GTC131-9B, (1) GTCP331-500B	Now - Sale / Lease	Willis Lease	Gavin Connolly	gconnolly@willislease.com	+44 1656 765 256
Engine stands now available	Now - Lease				
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368





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