

# Weekly Aviation Headline News

“ Decision by European Commission expected in January 2024. ”



ITA aircraft

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## Lufthansa applies for EU antitrust clearance to acquire stake in ITA Airways

Lufthansa has taken a step towards acquiring a controlling minority stake in Italy's ITA Airways, with both companies jointly seeking approval from the European Union's antitrust authorities. Sources close to the matter have indicated that Lufthansa is willing to address potential competition concerns by ceding slots at Milan airport.

This strategic move by Lufthansa involves the acquisition of a 41% stake in ITA Airways for a sum of €325 million, which will be part of a capital increase, as confirmed by a spokesperson for Lufthansa. The initiative comes in the wake of an agreement reached in June between the Italian Ministry of Economy and Finance (MEF) and Lufthansa regarding the purchase of this minority stake. Furthermore, the agreement contains provisions that grant Lufthansa the option to acquire the remaining shares of ITA Airways at a later stage.

Upon obtaining the necessary approval from the European Union, ITA Airways and Lufthansa Group plan to immediately commence collaboration at both commercial and operational levels. Notably, the Italian Treasury has played a crucial role in this endeavor, as they have made a joint request with Lufthansa for the approval of the deal from EU antitrust authorities.

The European Commission is expected to reach a decision on this matter by January 15. Their options include clearing the deal either with or without any necessary remedies after the preliminary review. Alter-

natively, if serious concerns are raised, they may choose to initiate a more comprehensive four-month long investigation.

In a potential bid to address competition concerns, it has been reported that Lufthansa and ITA Airways could be willing to relinquish take-off and landing rights at Milan-Linate Airport, according to sources cited by Reuters.



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## AIRCRAFT & ENGINE NEWS

### Lilium receives EASA Design Organization Approval

Lilium, developer of the first all-electric vertical take-off and landing (eVTOL) jet, has received Design Organization Approval from its primary regulatory authority, the European Union Aviation Safety Agency (EASA). The award marks a major milestone for Lilium, positioning it at the forefront of the industry as a company authorised to hold a type-certificate for an eVTOL aircraft in Europe. Design Organization Approval reflects a seal of quality assurance for companies in aviation design, formally acknowledging a company's ability to design and develop safe and compliant aircraft. This major achievement in the development of the revolutionary Lilium Jet reflects the culmination of an extensive qualification process dating back to 2017. Receiving Design Organization Approval is a core requirement for any commercial aircraft manufacturer. Klaus Roewe, Lilium CEO, commented: "In many respects, today's announcement marks a cornerstone for Lilium and evidences our market leadership in advancing the aviation industry. Achieving Design Organization Approval reflects EASA's confidence in Lilium and differentiates us against others currently pursuing eVTOL development and regulatory approval. While we join a small, select group of companies qualified to develop commercial aircraft, today's announcement is especially significant for the global aviation industry as we are doing so by advancing sustainable regional air mobility. I appreciate the many Lilians and countless stakeholders who have played a pivotal role in us achieving today's milestone, and we look forward to further advancements toward the commercialisation of the Lilium Jet. I would like to thank our counterparts at EASA for their professional cooperation, which I believe will continue to be very beneficial for the industry moving forward." Alastair McIntosh, Lilium Chief Technology Officer and Head of Design Organisation, said: "In simple terms, the Design Organization Approval is our licence to operate and confirms that Lilium has the organisation, procedures, competencies, resources and demonstrated rigour required to design and certify aircraft according to the very highest safety standards. This pays great tribute to our team at Lilium. Receiving Design Organization Approval from EASA further motivates us on our path to commercialise the revolutionary Lilium Jet."

### FAA implements stricter aircraft certification policy following Boeing 737 MAX crashes

The Federal Aviation Administration (FAA) has announced the adoption of a new aircraft certification policy, designating key flight control changes as "major." This policy shift comes in response to the flight control system implicated in the fatal Boeing 737 MAX crashes in 2018 and 2019, leading to 346 casualties. In late 2020, Congress enacted

### Hi Fly expands fleet with additional Airbus A330-200s

Hi Fly, a leading wet-lease specialist and charter airline operating worldwide, has expanded its fleet with the addition of two Airbus A330-200 aircraft. Registered as 9H-HFJ and 9H-HFK, these modern and reliable acquisitions will further strengthen the company's capabilities as a go-to organisation for airlines when they need additional capacity. The two A330-200 aircraft share identical features, offering a



Business-class seats on Hi Fly's new Airbus A330-200 aircraft

© Hi Fly

comfortable seating capacity of 269 passengers. The cabin configuration is designed to cater to a diverse range of travellers, featuring 18 spacious business-class- and 251 economy-class seats. The business-class seat is a double seat with a generous 78-inch legroom and flat-bed recline, ensuring a comfortable travel experience. This class features motorised adjustability for headrests, backrests, leg rests and seat pans. It has lumbar control, lap safety belt, electrical and mechanical adjustability and electrical massage divided into five zones, each with two motors. Economy-class passengers also enjoy a comfortable pitch of 32-inch, within the available space. With a maximum range of 15,500 kilometres, the A330-200 family is well known for its reliability and an operational efficiency of 99.4%. This makes it an ideal choice for airlines looking to reduce their operational costs and improve their environmental performance. Hi Fly resumed expansion after the pandemic period and is currently adding a new aircraft every quarter and this rate is expected to be kept until the end of 2024.

### Ecojet partners with ZeroAvia for a sustainable future



Ecojet has signed an agreement for up to 70 hydrogen-electric, zero-emission engines © ZeroAvia

Ecojet, the newly launched airline with a vision to be the green flag carrier of Britain, has entered into a strategic agreement with ZeroAvia. The collaboration aims to see the deployment of up to 70 hydrogen-electric engines, marking a significant step towards achieving the world's first electric airline status. While initially operating conventional aircraft on routes to and from Edinburgh starting

in 2024, Ecojet plans to transition its entire fleet to electric power by retrofitting ZeroAvia's ZA600 engines, pending certification. The groundbreaking initiative will be facilitated in partnership with MONTE, ZeroAvia's preferred ZA600 lessor, with a targeted type certification for the ZA600 engine in 2025. In addition to the ZA600 engines, Ecojet has placed a substantial order for the more powerful ZA2000 engine. Specifically designed for up to 80-seat regional turboprops, this engine is set to enter service in 2027. The expanded fleet capabilities will enable Ecojet to operate aircraft such as the ATR72 and Dash 8 400, popular choices for regional routes globally. ZeroAvia, Ecojet, and MONTE are committed to collaborating with airports and industry partners to pave the way for hydrogen-electric commercial operations. ZeroAvia's analysis indicates that, when powered by UK wind-generated green hydrogen, domestic flights utilizing this technology would result in lower lifecycle carbon emissions per passenger compared to other common modes of transport, including fully occupied cars, domestic rail, and coach travel. The ambitious partnership signifies a major stride towards sustainable aviation and a cleaner, greener future for air travel.

## AIRCRAFT & ENGINE NEWS

comprehensive legislation aimed at reforming the FAA's airplane certification process. The reforms include mandatory manufacturer disclosure of safety-critical information related to systems manipulating flight controls without direct pilot input. The FAA, in conjunction with these changes, is issuing additional guidance to airplane manufacturers to enhance safety in the certification process. The FAA's move follows revelations that Boeing did not disclose vital details about the manoeuvring characteristics augmentation system (MCAS), a safety system connected to the two tragic crashes. MCAS was designed to address the MAX's tendency to pitch up. Boeing stated its commitment to transparent collaboration with the FAA to meet certification requirements, while Airbus refrained from immediate comment. A U.S. House of Representatives report criticised Boeing for not classifying MCAS as a safety-critical system, potentially leading to insufficient FAA oversight. The report also highlighted the FAA's failure in overseeing Boeing's certification of the aircraft. The aftermath of the crashes has incurred substantial costs for Boeing, exceeding US\$20 billion (£15.9 billion) in compensation, production expenses, and fines, resulting in a 20-month grounding of its best-selling plane. The FAA is currently evaluating the certification of two additional MAX variants, the smaller MAX 7 and the larger MAX 10. In July, the FAA announced its intention to establish milestones during certification to evaluate whether design changes to airplane systems should be considered novel or unusual, necessitating additional scrutiny. Last year, the FAA granted Boeing a regulatory compliance programme extension, albeit shorter than requested, to ensure the implementation of required improvements. Boeing remains under scrutiny as the aviation industry seeks to enhance safety protocols.

## MRO & PRODUCTION NEWS

### MTU signs five-year LEAP-1A MRO contract with SriLankan Airlines

MTU Maintenance has signed a five-year LEAP-1A maintenance, repair and overhaul (MRO) contract with SriLankan Airlines, building on the two companies' existing relationship that has also covered V2500 engines and leasing support. The national carrier of Sri Lanka currently operates a fleet of 22 Airbus A330s and A320/A321 aircraft and carries out flights across South Asia, Europe, the Far East and the Middle East. The work will be carried out at MTU Maintenance Zhuhai, the 50/50 joint venture with China Southern Airlines, which, among other models, specialises in MRO services for LEAP engines and has completed almost 100 shop visits on this engine type since 2018. "We are delighted to be expanding our long-standing and successful partnership," says Richard Nuttall, CEO of SriLankan Airlines. "We trust in MTU Maintenance's technical expertise

### ÖAMTC Air Rescue orders two H135 helicopters

ÖAMTC Air Rescue and Airbus Helicopters have inked a new contract for two H135 helicopters during the third edition of European Rotors. The announcement follows an initial contract for five H135s signed at the end of 2020. ÖAMTC Air Rescue operates 31 H135 helicopters from 17 permanent bases and four additional winter bases in Austria. Last year, the operator



H135 helicopter

© Airbus Helicopters

flew more than 20,000 missions, with an average of 52 missions per day. The operator began providing air rescue services in Austria in 1983 and is celebrating its 40th anniversary this year. The H135 is the helicopter of reference for helicopter emergency medical service operators worldwide. It combines a wide, unobstructed cabin with excellent performance, range and payload capacity, as well as low sound levels. The oversized sliding side doors and rear clam-shell doors enable fast loading/unloading of patients, with additional safety during ground operations provided by Airbus' signature shrouded Fenestron tail rotor. The H135 is the global market leader for helicopter emergency medical services with more than 700 helicopters all around the world being used for life-saving missions.

### Porter Airlines Expands Fleet with 25 New Embraer E195-E2 Jets



Embraer E195-E2 jets in Porter Airlines livery

© Embraer

Porter Airlines has exercised its purchase rights to secure a firm order for 25 Embraer E195-E2 passenger jets, supplementing its existing 50 firm orders. The North American carrier plans to utilise these new aircraft to expand its renowned service to various destinations across North America. Valued at US\$2.1 billion (£1.66 billion) at list

price, this deal will be incorporated into the Q4 backlog, bringing Porter's total orders with Embraer to 75 firm, with 25 purchase rights still available. As the North American launch customer for Embraer's E195-E2, Porter has already received 24 of these jets and recently unveiled plans for new destinations, including Las Vegas, Miami, San Francisco, and Los Angeles, with additional destinations in Mexico and the Caribbean on the horizon. The E195-E2s are currently deployed from Eastern Canada, with a primary focus on Toronto Pearson International Airport and Ottawa. New services with the E195-E2 have also been introduced in Halifax and Montreal. Porter has chosen to configure the 146-seat-capable aircraft in a comfortable 132-seat all-economy layout, offering various seat pitches of 36, 34 and 30 inches.



## MRO & PRODUCTION NEWS

and look forward to their fast, reliable and cost-efficient support for our growing fleet." MTU Maintenance carries out over 1,200 shop visits each year for a portfolio of over 30 engine types. Alongside engine MRO, the company provides a wide range of services, including on-site support, engine leasing and asset management as well as engine trend monitoring and fleet management through its proprietary CORTEX software.

### Divestiture of LHT off the table, Lufthansa Group keeps sole ownership

In a resolute declaration of its commitment to the future of aviation excellence, the Lufthansa Group has officially announced its decision to maintain sole ownership of Lufthansa Technik (LHT). This decision comes as the aviation industry anticipates a dynamic period of growth and innovation and Lufthansa Technik positions itself as a pivotal player in this transformation. The aviation landscape has seen its fair share of challenges in recent times, with ongoing manufacturer issues and the evolving demands of a rapidly changing industry. Amid these complexities, Lufthansa Technik has stood as a steadfast pillar of support, providing essential maintenance, repair and overhaul services to a global network of airlines. As the technical backbone of the Lufthansa Group, its strategic value has only grown more pronounced in recent months. Dr. Detlef Kayser, Chairman of the Supervisory Board of Lufthansa Technik, articulated the significance of this decision, stating, "Our role as one of the world's largest airline groups, operating over 700 aircraft across 13 flight operations, underscores the integral nature of Lufthansa Technik within our organisation. In light of the ongoing industry challenges, especially concerning engines, we view Lufthansa Technik as an indispensable asset that will continue to play a vital role in our sustained success." The decision to retain sole ownership of Lufthansa Technik is an embodiment of Lufthansa Group's confidence in its own capabilities and the expertise of its subsidiary. It underscores the belief that Lufthansa Technik possesses the vision, resources and determination to navigate the evolving aviation landscape successfully. The move reaffirms Lufthansa Group's unwavering commitment to fostering growth and innovation within its own ecosystem. Under the banner of "Ambition 2030," LHT is poised for a remarkable journey of expansion and innovation. The ambitious growth programme includes substantial investments in core business expansion, the establishment of new global locations, potential acquisitions

### Airbus UpNext develops HMI and autonomous features in project Vertex



Airbus Helicopters' FlightLab flew fully automated from lift-off, taxi, take-off, cruise, approach and landing © Airbus

Airbus has successfully tested a new simplified human machine interface (HMI) along with advanced autonomous features through a project code-named Vertex. These technologies, developed by Airbus UpNext, are controlled by a touchscreen tablet and aim to simplify mission preparation and management, reduce helicopter pilot workload, and further increase safety.

The Airbus Helicopters' FlightLab flew fully automated from lift-off, taxi, take-off, cruise, approach and then landing during a one-hour test flight by following a predefined route. During this flight, the pilot monitored the system which is able to detect unforeseen obstacles and automatically recalculate a safe flight path. Whenever necessary the pilot can easily override the controls through the tablet and resume the mission afterwards. The flight test period ran from October 27, through to November 22, at the Airbus Helicopters' facility in Marignane, France.

"This successful demonstration of a fully autonomous flight from take-off to landing is a great step towards the reduced pilot workload and simplified HMI that the Airbus Urban Air Mobility team intends to implement on CityAirbus NextGen. It could also have immediate applications for helicopters in low-level flights close to obstacles thanks to the information provided by the lidars on board," said Michael Augello, CEO of Airbus UpNext. Airbus Helicopters will continue to mature the different technologies that comprise Vertex: vision-based sensors and algorithms for situational awareness and obstacle detection, fly-by-wire for enhanced autopilot and an advanced human-machine interface - in the form of a touchscreen and head-worn display for inflight monitoring and control.

### SWISS chooses Turkish Technic for aircraft maintenance services



© Turkish Technic

Turkish Technic, a leading maintenance, repair and overhaul (MRO) provider for commercial aircraft, their components and private jets, has recently signed an agreement with Swiss International Air Lines (SWISS), one of Europe's leading airline operators, for the maintenance services of seven Airbus A330 aircraft. The first aircraft's maintenance, within the scope of the agreement, will commence in November 2023. The remaining six aircraft will be serviced at Turkish Technic's facilities in Istanbul in the upcoming months. Operating as a one-stop MRO company with high-quality service, competitive turnaround times, and comprehensive in-house capabilities, Turkish Technic provides maintenance, repair, overhaul, engineering, modification, tailor-made PBH and reconfiguration services to many domestic and international customers at five locations. Swiss International Air Lines (SWISS) is Switzerland's largest air carrier. With one of Europe's most advanced aircraft fleets, SWISS is a premium airline that provides direct flights from Zurich and Geneva to keep Switzerland connected with Europe and the world. SWISS is part of the Lufthansa Group and is also a member of Star Alliance.

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## MRO & PRODUCTION NEWS

and a deeper foray into digital business models. This strategic vision reflects LHT's dedication to meeting the growing demands of the aviation industry. In 2022, LHT achieved a revenue of €5.6 billion with a workforce of approximately 22,000 employees worldwide. Building on this solid foundation, the company is targeting a revenue of over €6 billion for the current year, marking a significant milestone. Furthermore, 2023 is poised to be yet another record-breaking year for the company, further affirming its role as a leader in aviation technical support. The future growth of Lufthansa Technik will be driven by its technical support services for engines and aircraft components, capitalising on new propulsion technologies and innovative mobile service offerings. Additionally, the company intends to expand its presence in the United States and enhance its global footprint. (£1.00 = €1.16 at time of publication).

## FINANCIAL NEWS

### ASYAD acquires 49% stake in Swissport Saudi Arabia

Asyad Holding (ASYAD) and Swissport International AG have signed binding transaction agreements to unlock the enormous growth potential of Saudi Arabia's aviation ground services sector over the coming years. The transaction involves the sale by Swissport International of a 49% stake of Swissport Saudi Arabia to ASYAD, a diversified, family-owned Saudi holding group with significant business activities in and outside Saudi Arabia across multiple sectors including aviation and infrastructure. The new strategic partnership underlines Swissport's commitment to Saudi Arabia and is aimed at further accelerating the company's growth in the largest economy in the Middle East. Swissport plans to further expand its Saudi presence in air cargo handling, airport ground services and in the lounge hospitality business, in particular also with Saudi carriers. The closing of such a transaction is subject to satisfactory completion of the regulatory process in Saudi Arabia. "The partnership with ASYAD is a milestone in the development of Swissport in Saudi Arabia. We expect that the collaboration with a strong national partner will accelerate our growth in this fast-growing market. It will enable both partners to better participate in the vast potential we see in Saudi Arabia," says Warwick Brady, President and CEO of Swissport International AG. "The partnership will support our strong track record in Saudi Arabia since we successfully entered the market in 2016. Even amidst existential challenges during the COVID-19 pandemic, Swissport stood firm and continued to build a robust and successful business in the region. Today, we are proud to be among the leading handlers in the Saudi aviation services sector."



Swissport and Asyad Holding (ASYAD) join forces © Swissport



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## FINANCIAL NEWS

### Finnair repays €400 million capital loan to the State of Finland

In March 2021, Finnair and the State of Finland inked an agreement for a hybrid loan, totalling a maximum of €400 million, to provide vital support amidst the challenges posed by the COVID-19 pandemic. Fast forward to April 2022, the hybrid loan underwent a transformation into a capital loan, classified as an equity instrument and duly approved by the EU Commission's competition authority, aligning with the European Union's state aid regulations. Throughout 2022, Finnair drew down the entire €400 million. Come November 2023, Finnair executed a rights offering, raising €570 million. Notably, the State of Finland subscribed to its pro rata share of the new shares, utilizing subscription rights allocated to it. The State offset the subscription price, amounting to €318.6 million, against the corresponding principal of the capital loan. Consequently, Finnair has now repaid the outstanding balance of the capital loan, totalling €81.4 million, to the State of Finland. Additionally, the airline settled related interest and other fees amounting to €48.9 million. This repayment is significant, as it ensures Finnair is now free from loans classified as equity capital. Had the capital loan not been repaid, it would have incurred approximately €52 million in interest and other fees in 2024. The successful repayment, coupled with the earlier settlement of the hybrid bond, underscores Finnair's strengthened financial position. (£1.00 = €1.15 at time of publication).

### European Commission greenlights €833 million state aid to recapitalise SAS

The European Commission has granted approval for a €833 million (SEK 9.5 billion) state aid measure for the recapitalization of Scandinavian Airlines System (SAS), a decision made under the State aid COVID Temporary Framework. Originally notified by Denmark and Sweden in August 2020, the recapitalization was part of a broader package that involved substantial participation from private investors, including the conversion of privately held debt instruments into equity. The initial notification in August 2020 outlined a State recapitalization of up to €1 billion (SEK 11 billion). Following the Commission's decision on August 17, 2020, which deemed the measure compliant with EU State aid rules, the recapitalisation eventually amounted to approximately €833 million. Denmark contributed around €460 million (SEK 5.25 billion), and Sweden provided approximately €373 million (SEK 4.25 billion), reflecting the high interest from private investors. However, on May 10, 2023, the General Court annulled the decision, citing the lack of a step-up mechanism to increase remuneration and incentivize the exit of the states in line with the COVID Temporary Framework. Subsequently, on July 4, 2023, the Commission initiated an in-depth investigation into this matter. In the recent decision, the Commission determined that the proposed mechanism by SAS aligns with the COVID Temporary Framework, leading to the approval of the measure. The condition is that the mechanism is implemented within two months from the notification of the decision to the respective Member States. The recapitalisation plan involves approximately €175 million (SEK 2 billion) in equity participation through the subscription of new shares, divided between Denmark and Sweden. Additionally, around €526 million (SEK 6 billion) in newly issued State hybrid notes, with features of an equity instrument non-convertible into shares, will be allocated, with approximately €219 million (SEK 2.5 billion) for Sweden and €307 million (SEK 3.5 billion) for Denmark. Another approximately €131 million (SEK 1.5 billion) in equity participation will come through the subscription and underwriting of new shares in a rights issue, shared between Denmark and Sweden. (£1.00 = €1.16/SEK13.23 at time of publication).



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### Ferrovial sells its 25% stake in Heathrow Airport Holdings



Heathrow Airport, Terminal 5A

© Ferrovial

Ferrovial, a leading global infrastructure operator, has released that an agreement has been reached for the sale of its entire stake (c.25%) in FGP Topco, parent company of Heathrow Airport Holdings, for £2,368 million. The current book value of Ferrovial's stake in Heathrow Airport Holdings Ltd. as per Ferrovial's consolidated accounts is zero. The agreement has been reached with two different buyers, Ardian and The Public Investment Fund, who would acquire Ferrovial's shareholding in c.15% and c.10% stakes respectively, through separate vehicles. The transaction is subject to complying with right of first offer (ROFO) and full tag-along rights, which may be exercised by the other FGP Topco shareholders pursuant to the Shareholders' Agreement and the Articles of Association of the company. Full completion of the acquisition under the agreement is also subject to the satisfaction of applicable regulatory conditions. Ferrovial has been an active part of the aviation industry since 1998, becoming one of the most experienced companies managing and developing the world's top airports. Ferrovial remains fully committed to advancing its airport business and investing in the sector, in which it holds a 50% share in Aberdeen, Glasgow and Southampton airports in the United Kingdom, a 60% stake in Dalaman Airport in Turkey and a 49% stake in JFK Airport New Terminal One in New York. Ferrovial has had a strong presence in the United Kingdom for over 20 years across all the company's business lines. The UK continues to be a key market, where Ferrovial remains committed to delivering value and sustainable growth for each of its business lines, as well as positive social value for its clients and employees based in this market.

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## FINANCIAL NEWS

### L3Harris sells CAS business for US\$800 million

L3Harris Technologies has finalised an agreement for the acquisition of its Commercial Aviation Solutions (CAS) business by an affiliate of TJC L.P. (formerly known as The Jordan Company) for US\$800 million. The deal comprises a US\$700 million cash purchase price and a US\$100 million earnout linked to specific 2023 and 2024 financial targets, reflecting a roughly 15x EBITDA purchase multiple as of the last twelve months ending September 30, 2023. The transaction is anticipated to conclude in the first half of 2024, pending customary closing conditions and regulatory approvals. Christopher E. Kubasik, Chair and CEO of L3Harris, stated, "Today's announcement aligns with our multi-year strategy to optimise our national security, technology-focused portfolio. Consistent with our capital allocation priorities, we intend to utilise the proceeds to expedite debt repayment, accelerating our progress towards our debt leverage objective." The CAS transaction encompasses the sale of L3Harris' surveillance joint venture and is subject to a right of first refusal. If exercised, an affiliate of TJC L.P. will acquire the remaining CAS assets. L3Harris' CAS business, employing around 1,450 individuals, provides services such as pilot training, flight data analytics, avionics, and advanced air mobility solutions. TJC, founded in 1982, is a middle-market private equity firm that has raised funds with original capital commitments in excess of US\$22 billion and has a 41-year track record of investing in and contributing to the growth of many businesses across a wide range of industries including Diversified Industrials; Technology, Telecom & Power; Logistics & Supply Chain and Consumer & Healthcare. TJC has offices in New York, Miami, Chicago and Stamford. (£1.00 = US\$1.27 at time of publication).

## MILITARY AND DEFENCE

### Eurofighter EK receives official approval for electronic combat integration



Image of Eurofighter EK

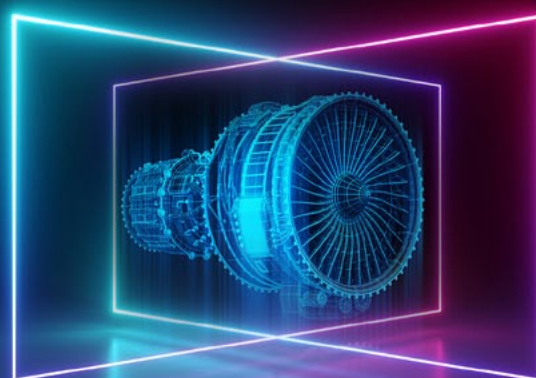
© Airbus

The Eurofighter EK (electronic combat) has received official approval for integration, following recent parliamentary approval by the German budget committee. Airbus, the prime contractor, will equip 15 German Eurofighters with electronic combat capabilities, incorporating a transmitter location and self-protection system from Saab, along with "AARGM" anti-radar missiles from Northrop Grumman. The Eurofighter EK is slated to achieve NATO certification by 2030, marking its role as the successor to the Tornado in the SEAD (suppression of enemy air defence) mission. "Electronic warfare and reconnaissance are pivotal NATO requirements and the current geopolitical landscape underscores their importance," emphasised Airbus Defence and Space CEO Michael Schöllhorn. "The German government's decision to integrate electronic warfare capabilities into the Eurofighter portfolio is a significant step, enhancing the aircraft's operational spectrum and bolstering European sovereignty and autonomy." With parliamentary approval secured, the Eurofighter is now officially designated as the successor to the Tornado ECR (electronic combat/reconnaissance). Airbus anticipates the formal order to integrate selected technical solutions into the Eurofighter, with the contract between Eurofighter GmbH and NETMA (NATO Eurofighter and Tornado Management Agency) expected to be finalised by year-end. The Eurofighter EK, equipped with Saab's transmitter location system and Northrop Grumman's Anti-Radiation Guided Missile (AARGM), will possess the capability to detect, localise, and neutralise anti-aircraft radars. Saab's solution includes jammers enhancing the Eurofighter's self-protection measures. Additionally, the Eurofighter EK incorporates technologies developed by small and medium-sized enterprises, including an AI solution for onboard radar data analysis, facilitating prompt and precise self-protection measures. Airbus is actively collaborating with the BAANBW procurement office, the German Air Force, and the Bundeswehr Aviation Office to outline a detailed schedule for implementing the selected EK solutions in 15 Eurofighters.

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## FINANCIAL NEWS

### easyJet posts pre-tax profit of £455 million for FY2023

easyJet achieved a record performance during summer 2023, despite high fuel costs and the challenges arising from the external operational environment, thanks to initiatives implemented over the past year and a half. Supported by strong consumer demand and easyJet's leading brand position, the company's success is driven by the low-risk expansion at primary airports, significant increases in ancillary revenue, market beating growth for easyJet holidays and a constant focus on cost. This led to a pre-tax headline profit of £455 million for the 2023 financial year, an improvement of £633 million year-on-year. Total revenue increased by 42% to £8,171 million (2022: £5,769 million) predominantly due to pricing strength, increased flown capacity, improved load factors and the continued growth of easyJet holidays. easyJet has ambitious and credible medium-term targets, that provide the building blocks to achieve a Group profit before tax (PBT) per seat of between £7 to £10. The levers to achieving this are: reducing winter losses, growing easyJet holidays to deliver over £250 million of PBT and the cost savings that its current Airbus order book will deliver from fleet efficiency and up-gauging. In addition to the delivery of its strategy, these targets are integral to achieving easyJet's ambition to deliver more than £1 billion PBT. easyJet has an existing order book with Airbus to FY29 for a further 158 A320neo-family aircraft still to be delivered. Alongside this, as announced on October 12, 2023, easyJet has entered into conditional arrangements with Airbus to secure the delivery of a further 157 aircraft (56 A320neos and 101 A321neos) between FY29 - FY34 as well as 100 purchase rights (the proposed purchase). This provides easyJet with the ability to complete its fleet replacement programme of A319 aircraft and replace approximately half of the A320ceo aircraft as well as providing the foundation for disciplined growth. The company is in exclusive negotiations with CFM for the supply of engines for the proposed purchase. easyJet has also agreed to exercise conversion rights within its current order book to convert 35 A320neo deliveries into A321neo aircraft (the conversion). This alongside the proposed purchase will deliver lower fuel burn, CO2 emissions and operating costs per seat.

## MILITARY AND DEFENCE

### SAMI and Embraer ink MoU for defence collaboration

SAMI, the national defence and security leader and a public investment fund (PIF) company, alongside Embraer, has officially signed a memorandum of understanding (MoU) to initiate collaboration in the defence and security sector between Saudi Arabia and Brazil. This landmark agreement signifies the inaugural step in uniting the aerospace industries of both nations. The primary focus of the partnership is to amplify the operational reach of SAMI and Embraer within the Kingdom of Saudi Arabia, with a specific emphasis on showcasing the capabilities of the C-390 Millennium aircraft and extending support to the Kingdom's Ministry of Defence. SAMI and Embraer are poised to establish a robust maintenance capability for Embraer aircraft within the Kingdom. Moreover, the collaboration aims to explore the creation of a regional maintenance, repair and overhaul (MRO) hub, a final assembly line for the Embraer C-390 and mission system integration facilities in Saudi Arabia. The agreement also encompasses joint training activities, designed to open new avenues for both companies within the aerospace sector, not only in the Kingdom but across the broader region. Eng. Walid A. Abukhaled, CEO of SAMI stated, "We are thrilled to formalise this agreement with Embraer, ushering in new support and production facilities to the Kingdom. This expansion of our business scope and capabilities underscores SAMI's commitment to advancing and nurturing the aerospace ecosystem in Saudi Arabia. It represents a pivotal step in SAMI's ongoing efforts to support the goals of Saudi Vision 2030, contributing to the Kingdom's self-sufficiency in the defence sector and aiming to localise 50% of defence spending by 2030."



Representatives from SAMI and Embraer at the official MoU signing  
 © Embraer

### Canada secures Boeing P-8A Poseidon aircraft for multi-mission aircraft project



Canada has selected Boeing's P-8A Poseidon as its multi-mission aircraft  
 © Boeing

The Government of Canada has inked a Foreign Military Sales letter of offer and acceptance for the procurement of up to 16 Boeing P-8A Poseidon aircraft, marking a significant milestone in the Canadian Multi-Mission Aircraft (CMMA) project. Canada joins a group of eight nations selecting the P-8, recognised as the sole proven, in-service, and in-production solution that fulfils all CMMA requirements, encompassing

range, speed, endurance, and payload capacity. This strategic decision promises extensive benefits for numerous Canadian companies and is poised to usher in decades of prosperity for Canada through sustained platform support provided by local industry partners. The acquisition of the P-8 is anticipated to generate substantial advantages, including the creation of approximately 3,000 jobs and an annual economic output of CA\$358 million for Canada. These projections are based on a comprehensive 2023 independent study conducted by Doyletech Corporation, a reputable Ottawa-based firm. At the forefront of Boeing's P-8 Canadian industry partnership is Team Poseidon, comprised of key players such as CAE, GE Aviation Canada, IMP Aerospace & Defence, KF Aerospace, Honeywell Aerospace Canada, Raytheon Canada and StandardAero. This collaborative team builds upon the existing network of 81 Canadian suppliers to the P-8 platform and over 550 Boeing suppliers across all provinces. Together, they contribute to Boeing's annual economic benefit to Canada, amounting to approximately CA\$4 billion and supporting over 14,000 Canadian jobs. With a track record of over 160 aircraft delivered or in service and accumulating a collective flight time of 560,000 hours, the P-8 has demonstrated its capabilities in anti-submarine warfare, anti-surface warfare, intelligence, surveillance, reconnaissance, and humanitarian assistance/disaster relief response. Canada, in selecting the P-8, joins the ranks of FIVE EYES allies and becomes the fifth NATO nation to choose this versatile multi-mission aircraft. The initial delivery of the P-8 to Canada is anticipated in 2026. (£1.00 = CA\$1.71 at time of publication).



## INFORMATION TECHNOLOGY

**SITA** and **Qatar Airways** have partnered to transform the airline's global network infrastructure with state-of-the-art secure access service edge (SASE) solutions that boost connectivity, operational efficiency, and security. As part of the transformation SITA will deploy its Secure SD-WAN (software-defined wide area network), SITA Connect Go, which offers agile, scalable and secure access to airline systems and applications, by connecting infrastructure outstations and airports to Qatar Airways' hybrid cloud infrastructure and to the airline's partner systems. Qatar Airways is among the first airlines globally to adopt SITA Connect Go, which is a new Secure SD-WAN solution designed specifically for the air transport industry. The solution was developed in partnership with Versa Networks, the recognised SASE leader. It offers a software-based solution that allows multiple airlines, ground handlers and tenants to digitally transform at their own pace. By leveraging SITA's network solution, Qatar Airways will achieve significant strategic benefits, which include cost optimisation resulting from faster connectivity and streamlined operations, higher capacity bandwidth with multiple connection types managed centrally with holistic network performance visibility as well as SD-WAN gateways to provide compatibility, ensuring a smooth transition to the new network architecture and the flexibility to innovate with new digital products and services that improve the passenger experience. A.T. Srinivasan, Qatar Airways Group CIO, said: "Qatar Airways is always looking for innovative technology solutions that will enable the group to optimize day-to-day network operations with increased speed, reliability, security, and flexibility – thereby enabling best-in-class connectivity across key operations. We are committed to continually improving operations and the passenger experience and to procuring systems that will serve as a solid foundation for future innovation."

## OTHER NEWS

Established in 2008 to address the air transportation needs of Anatolia with advantageous options, **AnadoluJet**, a successful brand of **Turkish Airlines**, will operate as "**AJet Air Transportation Inc.**" as a wholly owned subsidiary of Turkish Airlines starting from the end of March 2024. The official announcement of this transformation took place at an event held at the Istanbul Sabiha Gökçen Airport Turkish Technic hangar, attended by Turkish Airlines executives. Turkish Airlines Chairman of the Board and the Executive Committee, Prof. Dr Ahmet Bolat, expressed pride in the establishment of AJET, stating, "In line with our goals for the next ten years, we are proud to have started the establishment process of our AJet." Emphasising the culmination of dedicated efforts, Bolat announced that AJet would take to the skies with its new name as part of the summer schedule at the end of March 2024. He confidently asserted that AJet, under its new identity, would become a significant player in the global

## MILITARY AND DEFENCE

### Airbus Helicopters Launches Maiden Flight of NH90 Sea Tiger for German Navy



The NH90 Sea Tiger for the German Navy on its maiden flight  
© Airbus Helicopters

The first NH90 Sea Tiger embarked on its maiden flight, taking off as scheduled at Airbus Helicopters' facility in Donauwörth, Germany. This achievement marks a significant step in fulfilling the German Bundeswehr's order for 31 NH90 Sea Tiger multi-role frigate helicopters, intended for shipborne operations within the German Navy. Airbus Helicopters is now entering a crucial qualification phase, which will centre on rigorous flight test-

ing of the NH90 Sea Tiger, and the incorporation of new systems designed for the helicopter. The commencement of deliveries is set for the end of 2025. These NH90 Sea Tigers are slated to replace the aging Mk88A Sea Lynx fleet that has been in service since 1981. The Bundeswehr has already received and operates 18 NH90 Sea Lion naval transport helicopters, all of which were delivered on schedule between 2019 and 2023. The NH90 Sea Tiger represents the latest iteration of the well-established NH90 NFH (Naval Version), meticulously tailored to meet the German Navy's requirements for a cutting-edge anti-submarine warfare helicopter. Notable enhancements include a new electro-optical system and improved electronic support measures (ESM). Furthermore, the Sea Tiger is equipped with a dipping sonar, sonobuoys and an arsenal of weapons including torpedoes and missiles. Its mission profile for shipborne operations encompasses reconnaissance, transport, and engagement of targets both above and below the surface. The NH90 helicopter family has already made a significant impact globally, with 135 naval NH90 helicopters delivered to six nations and amassing over 90,000 flight hours in various roles, including search and rescue, humanitarian missions, and military operations. There are currently more than 500 NH90 helicopters in active service worldwide, having accumulated an impressive total of over 370,000 flight hours. NHIndustries, the entity responsible for the NH90 helicopter, stands as the largest rotorcraft joint venture, overseeing design, manufacturing and support. It draws on the collective expertise of Airbus Helicopters (62.5%), Leonardo (32%), and GKN Fokker (5.5%), all leaders in the aerospace and defence industries. This collaboration ensures that the NH90 remains at the forefront of the latest generation of military helicopters, embodying the finest aspects of European rotorcraft and defence technology.

### U.S. Air Force awards Boeing additional KC-46A tanker contract

Boeing will build an additional 15 KC-46A Pegasus tankers under a Lot 10 contract awarded by the U.S. Air Force valued at US\$2.3 billion (£1.8 billion). To date 153 KC-46A multi-mission aerial refuelers are on contract globally, providing advanced capability advantages for the joint force and allies. With a supplier network of about 37,000 American workers employed by more than 650 businesses throughout more than 40 U.S. states, the combat-proven KC-46A is transforming the role of the tanker for the 21st century. From aerial refuelling, cargo and passenger transportation, aeromedical evacuation support, and data connectivity at the tactical edge, the KC-46A Pegasus has already been called a "game changer" for its ability to transmit and exchange data, enabling rapid air mobility, global reach and Agile Combat Employment. Earlier this year, the Air Force awarded Boeing a Block 1 upgrade contract, adding more advanced communications capabilities to enhance the aircraft's data connectivity and situational awareness. To date, Boeing has delivered 76 KC-46As to the U.S. Air Force and two to the Japan Air Self-Defense Force.



Boeing has received an order from the U.S. Air Force for 15 additional KC-46A tankers  
© Boeing

## OTHER NEWS

low-cost aviation industry. AJet, positioned as a low-cost airline adhering to global standards, aims to strengthen its competitive standing in the market. Operations will be based at Istanbul Sabiha Gökçen and Ankara Esenboğa airports. With a commitment to sustainability, the company plans to operate in an eco-friendly manner, entering the low-cost market with an innovative perspective. By simplifying services and adopting an economy-class configuration, AJet aims to translate cost advantages into ticket prices, making air transportation services accessible to a wider audience.

**Eve Air Mobility** (Eve) and **Jeju Air Co.**, the South Korean low-cost airline, have reported the release of a new concept of operations white paper for electric vertical take-off and landing (eVTOL) flights on Jeju Island. The two companies collaborated to produce the analysis which is the first step in understanding what will be needed to make future urban air mobility (UAM) operations in South Korea a reality. "This is an important first step to establishing future urban air mobility and eVTOL operations in South Korea," said David Rottblatt, Vice President Sales, Marketing and Government Affairs of Eve Air Mobility. "The collaboration between Eve Air Mobility and Jeju Air has led to detailed analysis of the needs, opportunities and challenges of safely establishing future eVTOL flights on Jeju Island." The jointly written white paper examines in detail, the operational and commercial business case of establishing UAM services on Jeju Island. This includes analysis and findings from the Jeju Air voice of customer survey done earlier in 2023. South Korea is one of the first countries to begin laying the groundwork for urban air mobility. Establishing a concept of operations is one of the first steps toward future UAM. Eve has worked with a variety of cities, countries and regulatory authorities to establish concepts of operations in the U.S., Brazil, the UK and others around the world.



Etihad Airbus A380 flying over New York

© Etihad Airways

**Etihad Airways** has announced the commencement of A380 double-decker flights to **New York JFK**, beginning in April 2024. "The decision to deploy the A380 on the popular New York route aligns with our commitment to meeting customer demand for increased capacity and expanding our network. The upcoming launch of our new route to Boston, Etihad's fourth U.S. gateway on March 31, just three weeks prior to the A380's debut in New York, underscores our ambitious growth plans," said Antonioaldo Neves, Chief Executive Officer, Etihad Airways. The introduction of the A380 represents a substantial capacity enhancement for Etihad in the crucial U.S. market, providing connectivity to the broader GCC and Indian subcontinent. This move is expected to attract a higher number of visitors eager to explore the vibrant attractions of Abu Dhabi. The A380 will be deployed on one of the two daily Etihad flights to New York, while the other daily flight will continue to be operated by a Boeing 787-9, featuring first-, business- and economy-cabins. Following London, the U.S. route becomes the second destination to offer the A380 experience since Etihad reintroduced its superjumbo to the skies.



© Dronamics cargo drone

**Dronamics**, the first cargo drone airline with a license to operate in Europe, and **Qatar Airways Cargo** have announced an interline agreement. The partnership marks the first interline agreement between an international airline and a cargo drone airline. The interline agreement allows the extension of the delivery networks of both partners, significantly increasing their reach as well as providing access to areas previously hard to reach by traditional air freight. Through the agreement, Dronamics can offer cargo services from any of its drone-ports, initially in Greece, to the wider Qatar Airways Cargo network - including destinations such as Singapore, China, including Hong Kong, and the United States (JFK). Qatar Airways Cargo is able to access remote locations that Dronamics serves, such as the Greek islands, on the Dronamics cargo drone network. Through this network expansion, Dronamics customers can make a single booking to transport goods from a Dronamics drone-port to any destination that the interline joint network covers, and vice versa. The potential for the flow of goods, from pharma to food, from e-commerce, mail and parcels to spare parts, is significant, enabling rapid and reliable shipments to and from locations not sufficiently covered by air freight. Dronamics is expected to begin commercial operations in Greece early next year, focusing on establishing a same-day service connecting Athens, the capital city, with the industrial north area of the country, as well as the islands in the south. Earlier this year, Dronamics became the first cargo drone airline to obtain IATA and ICAO designator codes, granting it recognition on par with other international airlines, and the ability to issue air waybills to enable seamless bookings with its airline partners. This interline agreement is a crucial next step in Dronamics' plan to establish a cargo drone airline network with worldwide reach.

tions in Greece early next year, focusing on establishing a same-day service connecting Athens, the capital city, with the industrial north area of the country, as well as the islands in the south. Earlier this year, Dronamics became the first cargo drone airline to obtain IATA and ICAO designator codes, granting it recognition on par with other international airlines, and the ability to issue air waybills to enable seamless bookings with its airline partners. This interline agreement is a crucial next step in Dronamics' plan to establish a cargo drone airline network with worldwide reach.



## OTHER NEWS

**Grupo EULEN**, a leader in providing services and innovative solutions to companies, has announced the signing of three major contracts during this last quarter. These partnerships solidify Grupo EULEN's position in the U.S. aviation scene and reflect its commitment to continuous growth. The company has signed new contracts with **Norse Atlantic Airways**, **WestJet** in Kingston, and **Breeze Airways**. Grupo EULEN's services encompass ramp handling, cleaning cabins, wheelchair assistance and providing security services at major airports such as Miami

International, Kingston, Jamaica, and Ft. Myers Airport. Norse Atlantic Airways, founded in Norway will be serviced from Miami Airport as they offer B787 Dreamliner direct flights to Oslo, Paris, London-Gatwick, and Berlin. WestJet, the Canadian airline offers three-weekly flights from Kingston, Jamaica to Toronto, Canada using B737 aircraft, will utilise the company's full handling services and Breeze Airways, an American low-cost airline, will use the group's services to offer wheelchair assistance starting this November. As part of Grupo EULEN's growth, a collaboration with Flair Airlines, a Canadian ultra-low-cost carrier to be its go-to service provider, will begin in December 2023.

## INDUSTRY PEOPLE



Pieter van Oord

- Effective from June 1, 2024, **Pieter van Oord** is set to assume the role of CEO at Royal Schiphol Group, with the intention of the Supervisory Board (SB) to appoint him until June 1, 2028. Van

Oord has been chosen because of his extensive managerial experience in a complex, operational sector. His experience in the field of assets and vision on making the aviation sector more sustainable weighed heavily in the SB's decision. The shareholders of Royal Schiphol Group and the central works council supported his appointment. Van Oord will succeed **Ruud Sondag**, who has been interim CEO since November 1, 2022, and will stay on until March 1, 2024, at which point he will no longer be available due to other commitments previously made. From March 1 to June 1, CFO **Robert Carsouw** will be interim CEO. Van Oord has managed Royal Van Oord, an international maritime contractor, since 2008. The company is at the forefront of companies contributing to the acceleration of the energy transition. In addition to dredging, offshore oil and gas, offshore wind has become one of the company's most important pillars under his leadership. He is also a member of the Supervisory Board of De Hoge Veluwe National Park and President of the Feijenoord Stadium.

- Atlas Air Worldwide Holdings (Atlas) has released that **Artem Gonopolskiy** has been appointed Executive Vice President, Chief Financial Officer (CFO) of the company, effective December 1, 2023. Gonopolskiy has been with Atlas for more than 18

years and has served as the interim Chief Financial Officer of the company since June 15, 2023. He will lead all aspects of the Atlas' finance functions, including strategic financial planning, accounting, reporting, internal audit, tax, treasury and investor relations and will continue to report to **Michael Steen**, Atlas Chief Executive Officer. "I'm thrilled to have the opportunity to continue leading Atlas' finance organisation," said Gonopolskiy. "Our teams at Atlas are driven by the utmost integrity and commitment to our customers and our company, and I am proud to serve alongside my colleagues as we progress on our transformation journey." Gonopolskiy joined Atlas in 2005 as a senior financial analyst and rose through a series of positions of increasing responsibility within the company's finance organisation. He was Senior Vice President, Financial Planning and Analysis before being named Interim CFO in June 2023. Prior to joining Atlas, he served as an analyst with ICF Consulting for several years and was a consultant with the United Nations Environment Programme Finance Initiative. Gonopolskiy holds a bachelor's degree in Economics from Trinity College and an MBA from Columbia University.



Carina Malmgren Heander

- Executive Vice President and Chief of Staff, **Carina Malmgren Heander** has decided to retire from her position at SAS. She will officially step down from her role on February 1, 2024. However, she will continue to serve as a senior advisor to CEO **Anko van der Werff** until summer 2024, ensuring a smooth transition. In light of Malmgren Heander's retirement, SAS

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has announced an internal reorganisation with the establishment of a new Chief People function. This will replace the Chief of Staff function and comprise among others the HR and Communication roles. SAS has appointed **Pernille Ormholt** as new Chief People Officer. At the same time, the General Counsel position will be part of Group Management and **Anna Almén**, presently Vice President General Counsel, will also join SAS Group Management as Chief Legal Officer. Malmgren Heander has been a member of SAS Group Management since 2015 and she has been instrumental in several transformation initiatives, with the aim of building a competitive SAS for the future. Upcoming Chief People Officer **Ormholt Vang** is a seasoned HR leader with a successful career within the Maersk group. Currently serving as Regional Head of HR for Maersk APAC Region, she brings extensive experience and expertise to her new role. Ormholt Vang will assume her role on January 1, 2024.

# 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
A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Now	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
A330-200 EFW	ALTAVAIR	Trent 772B-60			Now	Sale / Lease	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493
B737-400F	Royal Aero	CFM56-3C1	29204		Feb 2024	Sale/Lease/Ex.	Gary MacLeod	gary@royalaero.com	+44 (0)1357 521144
B737-800 SF	GA Telesis		27988	2000	Now	Sale / Lease		aircraft@gatelesis.com	
B737-900	BBAM	CFM56-7B26/3	34953	2007	Now	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039
B777-300ER	BBAM	GE90-115BL	39237	2013	Feb 2024	Sale / Lease	Steve Zissis	info@bbam.com	+1 787 665 7039

## Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
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

AE3007Engines	Sale / Lease	Company	Contact	Email	Phone
(2) AE3007A1E	Now - Sale	Aircraft and Engine Lease Corp.		fleetmanager@aelc.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
CF34-10E5	Now - Lease				
CF34-8C5	Now - Lease				
(2) CF34-3A	Now - Sale	GNS	Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(2) CF34-10E5	Now - Sale / Lease	DASI	Joe Hutchings	joe.hutchings@dasi.com	+1 954-478-7195





# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commercial Engines

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) CFM56-7B26	Now - Lease				
(1) CFM56-5B4/3	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(4) CFM56-5C4	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-7B24/3	Now - Lease				
(1) CFM56-5B4/P	Now - Sale/Lease/Exch.	AeroDirect	Sean Miller	SMiller@aerodirect.com	+1.404.229.3723
(1) CFM56-5B2/P	Now - Sale/Lease/Exch.				
(4) CFM56-5B5/P	Now - Sale / Lease	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7040
(1) CFM56-5B4/P	Now - Sale / Lease				
(5) CFM56-5B6/P					
(2) CFM56-7B26/3	Now - Sale / Lease				
(1) CFM56-7B26/3	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-5B3/3	Now - Lease				
(1) CFM56-5B4/P	Now - Lease				
(2) CFM56-5B4/3	Now - Lease				
(2) CFM56-5B4/3	Now - Sale / Lease	GA Telesis		engines@gatelesis.com	
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
(2) GE90-94B	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(3) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (561) 349-8950
(1) LEAP-1A26	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) LEAP-1A33	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
(1) PW1521G-3	Now - Lease				
PW 4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW4168A	Q4/2022 - Sale	ALTAVAIR	Clive Bowen	clive.bowen@altavair.com	+44 7899 892493



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# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commercial Engines

PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
PW121	Now - Sale	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW127F	Now - Sale				
PW150A	Now - Sale / Lease				
PW127M	Now - Lease				
(1) PW150A	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 (561) 349-8950
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.				
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.				
(1) V2527-A5	Now - Sale/Lease/Exch.	AeroDirect	Sean Miller	SMiller@aerodirect.com	+1.404.229.3723
(1) V2533-A5	Now - Sale/Lease/Exch.	BBAM	Steve Zissis	info@bbam.com	+1 787 665 7039
(1) V2533-A5	Now - Lease	FTAI Aviation LLC	Mark Napoles	mnapoles@ftaiaviation.com	+1 786-785-0777
(1) V2527-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717

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

Description		Company	Contact	Email	Phone
(2) GTCP331-200ER, (2) GTCP131-9A, (1) GTCP131-9B (1) A321 Enhanced Landing Gear 2020 OH	Now - Sale	Setna IO	David Chaimovitz	david@setnaio.com	+1-312-549-4459
(1) GTCP36-150	Now - Sale	GNS	Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511
(3) A320 LG Shipsets, (1) A320 NLG, (5) A340 LG Shipset (4) 767 LG Shipset, (3) 737 LG-Shipset (1) 777-200 LG Shipset		GA Telesis		landinggearsales@gatelesis.com	
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) 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) APS3200B		GA Telesis		apu@gatelesis.com	+1-954-849-3509
(1) 131-9A, (4) 131-9B Engine stands: CF6-80C2, CFM56-3, CFM56-5A/B/C, PW4000				stands@gatelesis.com	+1-954-676-3111
(2) APU GTC131-9B Engine stands now available	Now - Sale / Lease Now - Lease	Willis Lease	Gavin Connolly	gconnolly@willislease.com	+44 1656 765 256
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368