



# **Weekly Aviation Headline News**



#### **RTX names new Chief Executive Officer**

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Christopher T. Calio to become CEO effective May 2024

In a planned leadership transition, RTX has officially announced its succession plan. Christopher T. Calio, currently serving as the President and Chief Operating Officer (COO), is slated to take the reins as the Chief Executive Officer during the upcoming RTX annual shareowners meeting, scheduled for May 2, 2024. Meanwhile, Gregory J. Hayes, the incumbent CEO, will transition to the role of Executive Chairman within the company's hierarchy. Additionally, Calio has been appointed as a member of the company's Board of Directors, a position effective as of December 14, 2023.

In his capacity as the President and COO of RTX, Christopher T. Calio assumes a pivotal role overseeing the company's three core business units, as well as various vital functions encompassing technology, engineering, enterprise services, digital operations, quality assurance, supply chain management, and environmental health and safety. Notably, in 2023, Calio masterminded the restructuring of RTX from four distinct business segments into a more streamlined structure comprising Collins Aerospace, Pratt & Whitney, and Raytheon. His journey at RTX

has been marked by significant achievements, including his prior role as President of Pratt & Whitney, where he led the division responsible for designing, manufacturing, and servicing aircraft engines and auxiliary power units. His association with the company dates back to 2005, during which he held various leadership positions and played a leading role in driving transformative changes throughout his tenure.

Gregory J. Hayes, who has held the position of CEO and currently assumes responsibility for leading 180,000 employees and managing annual sales exceeding US\$67 billion, has been a key figure in shaping RTX into a global power-



house with a steadfast commitment to innovation and enhancing the safety and connectivity of our world. Hayes's remarkable journey within RTX began with a nearly 21-year career at United Technologies Corporation, where he held various senior leadership roles encompassing finance, corporate strategy, and business development. His illustrious career culminated with his appointment as Chief Executive Officer in 2014, followed by his elevation to Chairman in 2016. During his tenure as CEO, Hayes spearheaded the transformation of UTC from an industrial conglomerate into a focused aerospace company.

Hayes's strategic initiatives included the divestiture of Sikorsky Aircraft in 2015 and the acquisition of Rockwell Collins in 2018, marking pivotal milestones in UTC's evolution. He continued to streamline the business by overseeing the spin-offs of Otis Elevator Company and Carrier Corporation in 2020. Subsequently, Hayes orchestrated the merger of UTC's remaining aerospace entities, Pratt & Whitney and Collins Aerospace Systems, with Raytheon Company, leading to the formation of RTX in April 2020.



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

# GE Aerospace and partners complete testing on tenth engine model using 100% SAF since 2016

GE Aerospace reached a new milestone for a more sustainable future of flight with the completion of testing on its tenth engine model using 100% SAF since 2016, confirming the company and its joint ventures have one of the most expansive programmes for testing the alternative fuel in the industry. For example, in 2018, GE90 engines powered the first commercial airliner flight with 100% SAF in both engines on the Boeing ecoDemonstrator, a 777 freighter in partnership with FedEx Express. Then in 2021, LEAP-1B engines (CFM56 and LEAP engines are a product of CFM International, a 50-50 joint company between GE Aerospace and Safran Aircraft Engines) powered the first passenger experimental flight with 100% SAF in one of the two engines on a United Airlines Boeing 737-8. This year, LEAP-1B engines powered test flights on 100% SAF in both engines of the Boeing ecoDemonstrator Explorer, a 737-10 destined for United Airlines, as part of emissions testing with NASA. Most recently, in November, Emirates became the first airline to operate an Airbus A380 using 100% SAF in one of the four GP7200 engines (GP7200 engines are a product of Engine Alliance, a 50-50 joint company between GE Aerospace and Pratt & Whitney). Additional engines tested at the component, engine, or aircraft level using 100% SAF include F414, GE9X, LEAP-1A, Passport, GEnx, HF120 (HF120 engines are a product of GE Honda Aero Engines LLC, a 50/50 joint company between GE Aerospace and Honda Aero, Inc) and CFM56 engines. The wide range of tests represents a mix of propulsion systems used for domestic and international commercial air travel, military aviation, and business and general aviation. These tests also evaluated a wide scope of factors, such as engine performance and the impact of 100% SAF on contrails and emissions.

### TrueNoord expands portfolio with an 11-aircraft trade alongside NAC

TrueNoord, a prominent player in regional aircraft leasing, has announced its latest portfolio trade involving 11 aircraft with Nordic Aviation Capital (NAC). The diverse aircraft portfolio includes four Dash 8-400s, three E175s, and four E190s, contributing to TrueNoord's growing fleet of new and young in-production turboprop and regional jets, now totalling

#### ANA, Joby Aviation and NRE partner for Japan's air taxi infrastructure



Joby's all-electric aircraft in flight above Marina, California © Joby Aviation

ANA Holdings (ANA HD) and Joby Aviation, pioneers in the development of all-electric aircraft for commercial passenger service, have joined forces with Nomura Real Estate Development Co. (NRE), one of Japan's leading real estate developers. This strategic alliance aims to facilitate the establishment of take-off and landing infrastructure critical for the widespread adoption of electric air taxi services throughout Japan. Under the agreement, the three entities will collaboratively delve into the planning, siting, operation and

funding aspects of vertiport locations—integral to the future landscape of commercial air taxi services in Japan. Community engagement will also play a pivotal role to ensure that air taxi services align with local preferences and are seamlessly integrated into the communities they serve. The primary focus of the partnership will be on metropolitan areas such as Tokyo, with plans to expand to various urban centres across greater Japan over time. Joby, having recently assumed the role of technical advisor to the Tokyo Bay eSG Project led by NRE and sponsored by the Tokyo Metropolitan Government, is actively contributing to the exploration of diverse multi-modal mobility solutions, including a floating landing port in Tokyo Bay. ANA HD and Joby initially joined forces in 2022 to introduce electric air taxi services to Japan. NRE, renowned as one of Japan's largest real estate developers, now aligns with Joby and ANA HD in their collective efforts to advance air taxi services in the country. Both Joby and ANA HD are active members of Japan's Public-Private Conference for the future air mobility revolution, an initiative established by the Ministry of Economy, Trade and Industry to accelerate the adoption of aerial ridesharing in Japan. In 2022, Joby took a significant step by applying for validation of its impending Federal Aviation Administration (FAA) type certification with the Japan Civil Aviation Bureau (JCAB), the company to work closely with regulatory officials from JCAB, including through ongoing familiarization activities, to prepare for commercial operations in the country. Joby's electric vertical take-off and landing (eVTOL) aircraft can carry a pilot and four passengers at speeds of up to 200 mph, offering high-speed mobility with a fraction of the noise produced by helicopters and with no in-flight emissions.

#### REX achieves milestone with addition of tenth Boeing 737 to domestic fleet

Australia's regional airline, REX, has achieved a significant milestone as its domestic jet fleet expands to double digits with the recent delivery of its tenth Boeing 737-800NG. The newly acquired aircraft, registered as VH-8ZL, touched down in Brisbane after a ferry flight from Goodyear, Arizona, where it underwent scheduled heavy maintenance and painting prior to its journey. The timely arrival positions the aircraft for immediate service, enhancing REX's



Rex welcomes a new Boeing 737-800NG to its fleet

© REX

operational capacity just in time for the busy holiday season. This marks the third Boeing 737-800NG that REX has added to its fleet since July of this year, with plans to secure at least one more aircraft before the conclusion of the fiscal year 2024, pending availability. The consistent growth in REX's fleet is enabling the airline to strengthen its schedule, adding more frequencies to popular routes. Additionally, REX Deputy Chairman, the Hon John Sharp AM, expressed the airline's strategic approach, stating, "This steady growth allows us to build more depth into our schedule by adding additional frequencies on our most popular routes while at the same time allowing us to explore the possibility of expanding to more capital cities in our network." Currently, REX operates ten domestic routes connecting capital cities and popular holiday destinations across five states. This milestone underscores REX's commitment to enhancing its presence and connectivity within the Australian aviation landscape.

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

87 aircraft. The transaction marks the inclusion of Australian airline Aviair and European lessee airlines LOT and Widerøe into TrueNoord's network. Additionally, it strengthens relationships with existing American airline customers. Air Canada and Breeze Airways. The integration of all 11 aircraft is anticipated to be completed in the first quarter of 2024. This significant sales agreement is the second substantial transaction between TrueNoord and NAC, following TrueNoord's acquisition of ten Embraer jets earlier in 2023. Richard Jacobs, Chief Commercial Officer at TrueNoord, notes that the positive experience from the previous deal has built trust and streamlined processes between the two lessors. Jacobs expects the execution of this second transaction to be faster and simpler, thanks to the established working relationship. The deal underscores the distinct strategic growth paths of both companies and reiterates TrueNoord's unwavering commitment to the regional aircraft leasing sector. Despite industry challenges stemming from economic pressures and the lingering effects of the COVID-19 pandemic, TrueNoord remains well-positioned with secure funding and a robust internal team, supporting its balanced and structured growth aspirations.

### Falko delivers three Embraer E190 aircraft to Airlink

Falko Regional Aircraft Limited (Falko) has delivered three Embraer E190 aircraft bearing MSN 19000651, 19000666 and 19000679, to South African carrier, Airlink. The aircraft were delivered on behalf of Falko's managed fund, Falko Regional Aircraft Opportunities Fund II (Fund II) as part of a three-aircraft deal with the airline. Rodger Foster, Airlink's Chief Executive Officer and Managing Director, expressed delight, stating, "Airlink is pleased to have finalised the lease for these three Embraer E190 aircraft with Falko. The E190 has proven to be the ideal aircraft size for most routes within our extensive network of destinations, both domestically and throughout Southern Africa. It enables us to provide high-frequency service with the right capacity to meet market demands. Falko has been an excellent lessor and partner, with the Falko team collaborating effectively with Airlink executives to conclude this mutually beneficial deal. The addition of these aircraft to our growing fleet will support Airlink in expanding our presence in Southern Africa, both organically and strategically."

#### Avolon diversifies portfolio with Boeing and Airbus orders



Image of Airbus A320neo in Avolon livery

© Airbus

Avolon, the international leasing powerhouse, is making significant strides in expanding its aircraft portfolio with recent firm orders for Boeing and Airbus aircraft. The Ireland-based lessor has inked a deal with Boeing to acquire an additional 40 737-8 airplanes, further augmenting its 737 MAX portfolio. This expansion, which includes both 737-8 and 737-

10 variants, will bring Avolon's 737 MAX fleet to over 110 jets. Notably, Avolon had previously placed an order for 40 737-8s in June, emphasising its confidence in Boeing's aircraft line-up. In tandem with its Boeing commitment, Avolon has strengthened its partnership with Airbus by signing a firm order for 100 A321neo aircraft. This strategic move takes the lessor's total order for the A321neo to 190 aircraft, securing its delivery pipeline for the single-aisle family. Andy Cronin, CEO of Avolon, commented on these developments, stating, "This comprehensive approach to aircraft acquisitions reflects our confidence in the long-term growth outlook for aviation. Avolon now has 292 A320neo-family aircraft on order, positioning us to support customers' replacement and fleet expansion plans into the next decade." The orders from both Boeing and Airbus showcase the lessor's financial strength and its ability to swiftly execute transactions. The Boeing order for 40 737-8 airplanes is subject to shareholder approval by Bohai Leasing Co, Ltd, Avolon's main shareholder. Once finalised, the details of this order will be posted to Boeing's Orders and Deliveries website. Christian Scherer, Chief Commercial Officer and Head of International at Airbus, praised Avolon's investment in the A321neo, highlighting its strategic vision to secure aircraft for its airline customer portfolio in anticipation of future growth and replacements on a global scale.

#### JAL takes delivery of first Airbus A350-1000

Japan Airlines (JAL) has taken delivery of its first A350-1000 from Airbus' delivery centre in Toulouse, France. The A350-1000 is set to become the airline's new international aircraft, initially flying on the prestigious Tokyo Haneda - New York JFK route. JAL will be replacing its fleet of Boeing 777-300ERs with new A350-1000 aircraft. JAL's A350 is configured in four classes. First Class features six suites, each



JAL's first A350-1000 at Airbus' delivery centre in Toulouse, France

© Airbus

with a choice of three modes: sofa, seat and single bed or double bed. Business Class also offers suites, with 54 seats and privacy doors. Meanwhile, Premium-Economy Class (24 seats) and Economy Class (155 seats) both feature more personal space and comfort in their respective categories. JAL has ordered 31 A350 aircraft, comprising 18 A350-900s and 13 A350-1000s. The carrier has been operating the A350-900 on high-density Japanese domestic routes since 2019. The Tokyo (Haneda) - New York (JFK) route will start from January 24, 2024. Additionally, JAL is scheduled to receive its second aircraft by the end of fiscal year 2023 (March 31, 2024), which will allow daily A350-1000 operations on the same flights. After the delivery of the third A350-1000, JAL has decided to expand the aircraft's reach to include JAL's Tokyo (Haneda) – Dallas Ft. Worth route.



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

#### Deutsche Aircraft signs LOI for up to four D328eco aircraft

Deutsche Aircraft has inked a Letter of Intent (LOI) with an undisclosed customer, marking a pivotal move towards acquiring up to four cutting-edge D328eco aircraft. This strategic agreement signifies a major achievement for Deutsche Aircraft, solidifying its foothold in the sub-50-seater category and underscoring the global demand for state-of-the-art regional aircraft. Renowned for its technological advancements, the D328eco boasts exceptional performance capabilities, positioning it as the preferred choice for regional operators seeking to replace aging fleets of regional jets and turboprops. Its adaptability to operate in challenging weather and infrastructure conditions, including extreme heat and sub-zero temperatures, distinguishes it within its class. Additionally, the D328eco's short take-off and landing capacity (STOL), remarkable economics and substantial CO2 reduction further enhance its attractiveness. Anastasija Visnakova, Vice President of Sales and Marketing at Deutsche Aircraft



An undisclosed customer has signed an LoI for up to four D328eco aircraft

© Deutsche Aircraf

expressed enthusiasm for the growing interest in the D328eco. "The aircraft's capability to navigate challenging environments, such as short, unpaved runways and remote destinations, positions it as a reliable, capable, and efficient solution for regional operators," Visnakova notes. "Moreover, the D328eco delivers unparalleled economic and environmental advantages in its class. Recognising the vital role regional connectivity plays for communities worldwide, Deutsche Aircraft is honoured to support this mission and contribute to regional operations." Deutsche Aircraft remains steadfast in its commitment to delivering regional connectivity in the most efficient, cost-effective, and sustainable manner. The company's dedication to innovation and customer satisfaction has solidified its standing as a trusted partner in the aviation industry.





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

#### American awarded US\$22 million from State of Oklahoma for Tech Ops - Tulsa

American Airlines (American) has been awarded US\$22 million from the State of Oklahoma's Business Expansion Incentive Programme. The funds, to be received over the course of three years, will be used to further grow and improve the airline's maintenance base and engine repair and overhaul facility in Tulsa, Oklahoma (Tech Ops - Tulsa). With this investment, the airline has announced more than US\$400 million in enhancements at the maintenance base over the last three years. The funds are in addition to American's recent US\$31.6 million capital investment in the engine shop to modernise machinery and an ongoing multi-million-dollar improvement project at Tech Ops - Tulsa. Tech Ops – Tulsa has served as the principal location for airframe and engine mainte-



Engine mechanic at Tech Ops -Tulsa

© American Airlines

nance and overhauls for American's aircraft since 1946 and is one of the largest commercial aviation maintenance bases in the world. Located on 246 acres of land at the Tulsa International Airport, Tech Ops – Tulsa includes approximately 3.3 million ft<sup>2</sup> of building space, six hangars with 24 aircraft bays, and 22 support facility buildings. Nearly 5,000 team members are currently employed at the base and more than 800 of the airline's aircraft visit the facility annually. As a direct result of these new investments, the airline is hiring more than 300 new team members at Tech Ops – Tulsa to boost existing engine repair and overhaul work. Positions include licensed airframe and powerplant mechanics, engineers, machinists, welders, maintenance planners and more. (£1.00 = US\$1.28 at time of publication).

#### **N3** Engine Overhaul Services starts extensive expansion



N3 expansion in Germany

© N3 Engine Overhaul Services

N3 Engine Overhaul Services (N3), the collaborative venture between Lufthansa Technik and Rolls-Royce, specialising in the overhaul and repair of Rolls-Royce Trent aircraft engines, is undergoing a significant expansion of its facility at the Erfurter Kreuz in Germany. Over the next two years, the complex will witness the construction of new factory areas, extensions to existing buildings, procurement of machinery and equipment and the implementation of new, flexible working methods in office spaces. Furthermore, the workforce will grow from the current 900 to 1,200 skilled workers. Lufthansa Technik and Rolls-Royce, the parent companies, are jointly investing approximately €150 million into the site (£129 million). The State Development Corporation of Thuringia, the Ministry of Economics and local authorities from the city of Arnstadt and the Ilm district are supporting the expansion. This endeavour aims to solidify N3's position as a crucial European hub in Rolls-Royce's

global maintenance network for aircraft engines and generate hundreds of new job opportunities. The company's capacity will be scaled up to overhaul 250 engines annually, compared to the current capability of servicing around 160 engines, with 900 employees. N3 is expected to overhaul around 140 engines in 2023, with projections rising to almost 200 by 2024. To navigate the expansion challenge seamlessly, Behrens mentions the establishment of a dedicated project organization with around 50 internal and external experts. Markus Siptroth the previous Production Manager at N3 now overseeing the entire project, emphasised the importance of close coordination with local authorities and institutions for swift project realisation. The groundwork for the expansion project commenced in November, including the expansion of the car park for the existing workforce. Actual construction is slated to begin in early 2024, starting with the expansion of the cleaning line for engine components and the extension of the factory hall. The ground-breaking ceremony for the new logistics campus, featuring a high-bay warehouse and delivery centre, is scheduled for the third quarter of 2024. Simultaneously, the canteen will undergo expansion and office areas will undergo remodelling.



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

#### Air Serbia selects LHT for component support

Air Serbia, the national airline of the Republic of Serbia, and Lufthansa Technik have signed a minimum five-year contract to provide Total Component Support (TCS®) for its current and future Airbus A320ceo-family fleet. The contract includes comprehensive MRO (maintenance, repair and overhaul) services as well as spare parts pooling and home-base services for the required components in Belgrade, Serbia, starting in January 2024. Jiri Marek, CEO of Air Serbia, commented: "We have ambitious goals for our airline, and if we look toward the end of the next decade, our airline could have more than 50 aircraft. This requires a reliable partner that supports us with the best possible services - also at our home base in Belgrade. The partnership with Lufthansa Technik will therefore contribute to the operational excellence for Air Serbia." Lufthansa Technik has been supporting Air Serbia with Landing Gear and other Services for its Airbus A320 fleet since 2020.



Air Serbia Airbus A320ceo

O Air Serbia

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

#### **Drake Air receives Nadcap accreditation** for welding

Drake Air's recent achievement of Nadcap accreditation in welding marks a significant milestone in its ongoing commitment to enhancing processes and elevating quality standards. Bill Crider, the Director of Quality at AMETEK MRO Midwest, emphasised the organisation's dedication to continuous improvement, aiming to provide increased value to its customers. Crider stated, "This Nadcap® accreditation, the first of several targets, recognises the commitment the organisation has made to continually improve its processes and quality standards, thereby adding more value to the customers we serve." Jay Solomond, Executive Vice President and Chief Operating Officer at the Performance Review Institute, applauded Drake Air's accomplishment, highlighting the global recognition of Nadcap accreditation as a hallmark of quality. Solomond expressed delight in the company's success, acknowledging the aerospace industry's reliance on Nadcap for demonstrating compliance with

#### MAAS Aviation proud of new Embraer E195-E2 'Tech Eagle' livery

MAAS Aviation, a global leader in aircraft painting and coatings, has revealed the recently painted Embraer E195-E2 'Tech Eagle' - the latest Profit Hunter in Embraer's line-up. Completed at MAAS' flagship facility in Maastricht, The Netherlands, this repainting project involved a dedicated team of 38 painters working around the clock for



E195-E2 'Tech Eagle'

© MAAS Aviation

15 days. The unique livery was unveiled at the Dubai Airshow 2023. The project's success reflects the seamless collaboration between Embraer, MAAS and AkzoNobel Aerospace Coatings. Richard Marston, MAAS Aviation CCO, expressed gratitude to all involved, stating, "The end result speaks for itself; you should all be very proud. I also extend my gratitude to our partners at Embraer for entrusting us to deliver this spectacular and iconic design." Embraer's Tech Eagle joins the ranks of predator-themed liveries, following designs inspired by sharks, lions and snow leopards. Darragh Hall, Jnr, Graphics Manager at MAAS, highlighted the exciting yet challenging nature of the project, emphasising the shared problem-solving approach between Embraer and MAAS. MAAS Production Coordinators Andrzej Calus and Adam Buczek underscored the complexity of the detailed paint job, with Calus noting the meticulous planning required, and Buczek highlighting the challenges of applying flat design drawings to the curved surface of the aircraft. Despite the difficulties, the team is thrilled with the final result.

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

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#### FINANCIAL NEWS

# CDB Aviation enters into inaugural sustainability linked loan for US\$625 million

CDB Aviation, a wholly owned Irish subsidiary of China Development Bank Financial Leasing (CDB Leasing), has released that the lessor entered into its inaugural sustainability linked loan (SLL) on December 1, 2023, anchored with a US\$625 million (£496 million) syndicated term loan facility.

"This innovative facility marks a landmark transaction for the aviation finance space," underscored Jie Chen, CDB Aviation's Chief Executive Officer. "We're thrilled to have leveraged our comprehensive sustainability strategy, with a particular focus on the activities across the environmental and social aspects of our operations, to secure this first major sustainability-linked loan syndicated facility among aircraft lessors." The SLL parameters of the facility are contingent on the satisfaction of sustainability performance targets (SPTs), based on the lessor's three key performance indicators (KPIs), including two strong environmental KPIs and one social KPI related to reducing the carbon intensity of the CDB Aviation's fleet, focusing on the most fuel-efficient aircraft; increasing the share of new-generation aircraft in the lessor's fleet, pursuing its target to reach 60% of newgeneration aircraft (by number of aircraft) by the end of 2025 and increasing the level of diversity, equity and inclusion (DEI)-related training for the workforce. Moody's Investors provided the second-party opinion as to the appropriateness of the KPIs and SPTs, confirming the conformity of the facility with the sustainability linked loan principles (SLLPs), with a best-in-class SQS2 rating. The facility was financed by a group of MLA banks, including: Crédit Agricole Corporate and Investment Bank, BNP Paribas, The Hongkong and Shanghai Banking Corporation Limited, Natixis Corporate & Investment Banking, China Minsheng Banking Corp., Ltd. Hong Kong Branch, China Guangfa Bank Co., Ltd. Shenzhen Branch and China Construction Bank Corporation London Branch.

#### Safran and Moroccan Government strengthen aerospace partnership



Signing ceremony between Safran and the Government of Morocco © Safran

The Moroccan government and Safran have officially inked a comprehensive framework agreement, solidifying their shared commitment to bolster and advance Morocco's aerospace industry ecosystem.

The signing ceremony, in the presence of Abdellatif Miraoui, Moroccan Minister of Higher Education, Scientific Research, and Innovation, Taoufiq Moucharraf, Secretary General of the Ministry of Industry and Trade and Olivier Andriès, CEO of Safran, highlighted the agreement's three fundamental principles:

1. Fostering a robust local supply chain: this involves the identification and support of local Safran suppliers and service providers, with a focus on expanding their production capacities to enhance the quality of the local supply chain.

- 2. Promoting high-value-added activities: the agreement emphasises the reinforcement of research and technology activities, along with the introduction of new engineering services to elevate the industry's value-added capabilities.
- 3. Nurturing talent and skills: a key aspect involves strengthening training initiatives and forming partnerships with engineering schools and universities to cultivate and enhance the skills of individuals in the aerospace sector. During the ceremony, Miraoui expressed his appreciation for Safran's commitment to advancing Morocco's aerospace sector. He highlighted the creation of joint units with local universities in R&D, engineering, testing and simulation as a significant outcome of this collaboration. With a presence in Morocco for 24 years, Safran employs over 4,200 people in eight local companies and joint ventures, positioning itself as a leader in Morocco's aerospace sector. The group's commitment extends beyond business to close partnerships with local entities and training centres, reflecting its dedication to the development of a robust aerospace industry ecosystem in Morocco.

#### MILITARY AND DEFENCE

#### Lockheed Martin rolls out first F-35A for Belgium

Lockheed Martin has presented Belgium's first F-35A Lightning II to the Belgian government during a rollout ceremony at Lockheed Martin's F-35 production facility. This event marks a significant milestone in the Belgian Air Force's history and strengthens the alliance between the United States and Belgium, a key NATO ally. "The introduction of the F-35 within the Belgian Air Force will enable us to continue to fulfil all our missions in the coming decades,



F-35A Lightning II for the Belgium Air Force

© Lockheed Martin

in cooperation with our allies and partners in NATO, the EU and beyond," said Chief of Defence for the Belgian Armed Forces, Admiral Michel Hofman. Building on the strong legacy of the F-16, the F-35 will provide the next generation of air power to ensure the Belgian Air Force can fulfil its NATO missions and protect the alliance's key interests. By serving as the most advanced 21st-century security solution, the F-35 will connect assets across domains to increase situational awareness for Belgium and its key European partners. Senior government and military leaders from Belgium and the United States attended the ceremony. Belgium's programme of record calls for 34 F-35As. The first aircraft, designated AY-01, will be delivered to the Belgian Air Force next year and will be based at Luke Air Force Base, Arizona, where international F-35 pilot, and maintainer training takes place. The F-35 also creates high-quality, long-term employment opportunities for Belgium. Through the Essential Security Interest (ESI) programme, Lockheed Martin will bring cutting-edge manufacturing techniques and benefits, expanding Belgian industry's skills and knowledge and providing high-tech jobs for Belgians for decades to come. F-35s are now operating from 31 bases worldwide. To date, Lockheed Martin has delivered more than 980 F-35s, trained more than 2,250 pilots and 15,125 maintainers, and the F-35 fleet has surpassed 768,000 cumulative flight hours. Lockheed Martin continues to work side by side with F-35 operators to ensure allies remain ahead of the evolving threat.



#### MILITARY AND DEFENCE

# AAR enhances Woodward distribution support in DLA Aviation supplier contract

AAR CORP. has added distribution support of select Woodward, Inc. (Woodward) parts under its supplier capability contract with DLA Aviation, a major subordinate command of the Defense Logistics Agency (DLA). Under this multiple-year agreement, AAR will supply DLA with spare parts from Woodward's fuel control product family to which AAR holds an exclusive distribution agreement with Woodward as the single source of supply to the government for items sole source to Woodward in support of various military aircraft platforms. AAR will provide comprehensive and integrated supply chain management support and perform associated supply chain management functions to maximise the availability of parts to the DLA. The relationship reduces supply volatility through improved material availability. In 2022, AAR was the first non-OEM to be awarded the 20-year base supplier capabilities contract with the DLA, establishing a strategic relationship to provide total global supply chain support to the DOD and to U.S. allies.

# Safran Aero Boosters and BMT Aerospace to partner on F135 engine

Safran Aero Boosters, based in Belgium's Walloon region, and the Flemish company BMT Aerospace will partner under the Memorandum of Understanding (MoU) that Safran Aero Boosters signed with Pratt & Whitney on December 10, 2023. The signing took place at Lockheed Martin, manufacturer of the F35 aircraft, in Texas (U.S.A.), during the roll-out ceremony for the first Belgian F35 and was attended by Prime Minister Alexander De Croo and a large Belgian delegation. This MoU covers a research and technology project to produce engine structural parts using innovative processes. Industrial tools and expected commercial returns will be shared between Flanders and Wallonia. Safran Aero Boosters has also signed a second MoU with Pratt & Whitney to develop a new manufacturing technology applicable to a family of components for the F135 engine, which will result in the setting up of a dedicated production line near Liège in Belgium. "This project, for which we are partnering with Safran Aero Boosters, represents a substantial volume of industrial return for Belgium's purchase of the F35 aircraft: we're talking about €700 million (£603 million) in business over the life of this highly promising programme," commented Benoit Reynders, CEO of BMT Aerospace.

#### German Bundeswehr secures 82 H145M multi-role helicopters from Airbus



The German Bundeswehr has ordered up to 82 multi-role H145M helicopters (62 firm orders plus 20 options)

© Airbus Helicopters/Cara Irina Wagner

The German Bundeswehr and Airbus Helicopters have inked a contract for the acquisition of up to 82 multi-role H145M helicopters, comprising 62 firm orders and an additional 20 options. Marking the largest-ever order for the H145M, this transaction is also a milestone for the HForce weapon management system. The comprehensive deal encompasses seven years of support and services, ensuring a seamless and optimal entry into service. The German Army is set to receive fifty-seven helicopters, while the Luftwaffe's special forces will be equipped

with five. The H145M is a versatile military helicopter with a broad range of mission capabilities. Its adaptability allows quick reconfiguration from a light attack role to a special operations version, complete with fast rappelling equipment, within minutes. The mission packages include hoisting and external cargo capabilities. The new German H145M also offers options for future mission capabilities, such as the integration of Manned-Unmanned Teaming and upgraded data links and communication systems. The ordered H145Ms will be equipped with fixed provisions, including the HForce weapon management system developed by Airbus Helicopters. This innovative approach enables the Bundeswehr to train its pilots on the same type of helicopter used for operations and combat, eliminating costly type transfers and achieving the highest level of professionalisation. The H145M, a military adaptation of the tried-and-tested light twin-engine H145 helicopter, has amassed over seven million flight hours globally. Used by armed and law enforcement forces worldwide for demanding missions, the Bundeswehr already operates 16 H145M LUH SOF and eight H145 LUH SAR helicopters. Powered by two Turbomeca Arriel 2E engines with full authority digital engine control (FADEC), the H145M also features the Helionix digital avionics suite and a four-axis autopilot, significantly reducing pilot workload during missions. Renowned for its low acoustic footprint, the H145M stands as the quietest helicopter in its class.

#### INFORMATION TECHNOLOGY

Vueling Airlines, one of the main low-cost airlines in Europe and a key player in connections with Spain, has selected Ultramain Systems' leading electronic logbook software ULTRAMAIN® ELB™. The software fully replaces the aircraft paper technical log, cabin log, journey log and fuelling logs providing a validated electronic certificate of release to service (e-CRS). Upon implementation, Vueling's flight crews will operate ULTRAMAIN



Vueling has chosen ULTRAMAIN ELB for its fleet of Airbus aircraft © Ultramain Systems

ELB for Windows on mounted EFBs, while mechanics and cabin crew will use the iOS version on iPad. The iOS and Windows applications are inter-operable linking to a common-ground system. Vueling will realise an abundance of benefits upon implementation of ULTRAMAIN ELB, including real-time, comprehensive operational visibility for its fleet of over 120 Airbus aircraft. This will lead to enhanced dispatch reliability, reduced operational disruptions, shorter defect lifecycle time and reductions in component management costs. According to Marc Espuga, Head of Fleet Technical Management, "Vueling was born digital, so our partnership with ULTRAMAIN ELB perfectly matches our vision of becoming a more efficient and sustainable airline. The fact that we can now handle several documents digitally is both timesaving and much more aligned with our sustainability goals. With real-time data management, we can achieve a paperless aircraft, which helps to streamline our operations and reduce the weight of the aircraft and therefore fuel consumption and emissions and also reduce waste".



Leading provider of engine spare parts for the aerospace industry





#### INFORMATION TECHNOLOGY

Swiss-AS has officially announced the signing of a strategic agreement with the emerging Saudi Arabian airline Riyadh Air, for the implementation of its aviation maintenance and engineering software solution AMOS. As a national carrier, Riyadh Air will play a significant role in promoting Saudi Arabia's economic and cultural interests globally, aiding in the development of Riyadh as a major destination in the Middle East. The signing ceremony took place in Dubai, with representatives from both Riyadh Air and Swiss-AS present to celebrate the occasion after their extraordinary debut at Dubai Airshow 2023 and the unveiling of several commercial agreements with leading companies such as IBM, Lucid Motors, Lufthansa Systems and Saudia. The newly signed partnership will involve aligning AMOS's capabilities with Riyadh Air's strategic goals, such as enhancing customer satisfaction, improving operational reliability and driving innovation in maintenance operations. AMOS will be covering all aspects of the maintenance, engineering and logistics processes required



Representatives from Riyadh Air and Swiss-AS at the signing ceremony in Dubai © Swiss-AS

by airlines and the software's modular structure will provide Riyadh Air with a tailored and scalable system to meet the carrier's specific needs and challenges. Renowned for its cutting-edge features, AMOS is set to optimise Riyadh Air's maintenance and engineering activities, enabling it to become a leading player at the forefront of the ever-evolving aviation landscape.

#### **OTHER NEWS**



Airbus Flight Academy cadets with their flight instructor in front of an Elixir aircraft © Airbus Flight Academy/ Tom Graveline

Airbus Flight Academy Europe, a wholly owned subsidiary of Airbus specialising in civil and military pilot training, has welcomed its initial set of four advanced Elixir training aircraft as a pivotal step in its commitment to sustainable development. The delivery marks the beginning of an eight-aircraft fleet, with each of the first four equipped with a bespoke cockpit tailored for the Airbus Flight Academy. This includes two electronic flight instrument systems (EFISs), designed to familiarise cadet pilots with the cutting-edge technologies found in today's most sophisticated commercial aircraft. Established in 2006, Airbus Flight Academy Europe has been a cornerstone in providing comprehensive training facilities and services for civil and military pilot training. The academy, situated in Angoulême, southwest France, boasts state-of-the-art training assets to ensure optimal conditions for cadet pilots. Since 2019, Airbus Flight Academy Europe has been successfully delivering the Airbus Pilot Cadet Training Programme, which is open to high school graduates worldwide aged 18 and above. The programme involves rigorous online and on-site screening tests, followed by extensive training comprising over 800 hours of ground school and 200 hours of practical (flight and simulator) training. Approxi-

mately 80 cadets undergo training annually at the academy. The training fleet at Airbus Flight Academy Europe now includes Diamond DA42s, Cirrus SR20s, Grob 120 A-Fs and the newly introduced Elixir aircraft, all dedicated to cadet training. Additionally, the academy operates two FNPT II qualified simulators on-site and at customer locations, ensuring the provision of optimal training solutions for student pilots. The acquisition of more fuel-efficient and quieter Elixir aircraft aligns with Airbus Flight Academy Europe's commitment to sustainable practices in aviation training.

Crisalion Mobility, a Spanish leader in the design and development of advanced electric mobility solutions, has signed a memorandum of understanding (MOU) with Bluenest by Globalvia, the innovation business line of leading global transport infrastructure manager Globalvia for Advanced Air Mobility (AAM) and vertiport management. Under the agreement, the two companies will collaborate on Advanced Air Mobility projects in Europe and Latin America, as well as on demo tests and the integration of eVTOLs and vertiports. This strategic alliance will see the two Spanish AAM leaders work closely together to drive progress in integrating eVTOLS and vertiports, guaranteeing safe, efficient operability on land and in the air. The initial goal of the agreement is the successful integration of eVTOLs and vertiports and a clear definition of operations, with a view to effectively planning and optimising the processes which allow for interaction and compatibility between eVTOLs and vertiports. This will include enabling smart mobility in and around vertiports, as well as ensuring safety and operational efficiency during take-off and landing in the corresponding air-space. Under this agreement, the two companies will also exchange technical information, define



Signing of the MoU between Crisalion and Bluenest by Globalvia © Crisalion Mobility

and develop locations and routes for the implementation of regular vertiports, strengthen cooperation to maximise aircraft performance and vertiport development, develop and study business models for possible use cases and services, and work together on enabling AAM routes for Crisalion aircraft operated by third- parties. This cooperation will form part of regional commercial efforts in Europe and Latin America and a global strategy to test and validate new technologies and processes to enhance passenger experience and the operation of associated infrastructure.



#### OTHER NEWS

Alaska Airlines has announced the addition of a new global airline partner, Porter Airlines, an expanding Canadian carrier. In January, Porter Airlines will launch its inaugural nonstop services connecting Toronto with both Los Angeles and San Francisco. Porter's new routes will establish crucial links between Los Angeles and San Francisco to Canada's largest city and beyond, facilitating connections to various destinations across Eastern Canada, including Montreal, Ottawa and Halifax. Utilising the advanced Embraer E195-E2 aircraft, known for its quieter flights and enhanced fuel efficiency compared to previous-generation technology, Porter Airlines will operate flights between California and Toronto. This marks a significant step as Porter becomes Alaska's 30th global partner airline. The daily nonstop service between Los Angeles and Toronto is scheduled to commence on January 16, with Porter's operations conveniently situated alongside Alaska's gates at Terminal 6 at LAX.



@ airBaltic

Latvia's flag carrier, **airBaltic**, is set to enhance its global presence with the addition of more Airbus A220-300 aircraft, marking a significant expansion. Joining forces with **Dohop's** extensive airline network, airBaltic aims to provide passengers with appealing onward destinations by leveraging the interlining opportunities facilitated by Dohop. Strategically positioned in the Baltics, airBaltic, through its main hub in Riga and other bases in Tallinn, Vilnius, and Tampere,

will connect travellers to various destinations across Europe, the Middle East, North Africa and the Caucasus region. Dohop specialises in fostering airline collaborations, providing alternative interlining opportunities that simplify network expansion without the complexities of traditional agreements. Using API-based technology, Dohop automates the generation of optimised flight options and fares, streamlining the booking process for partner airlines. Sarah Hanan, Chief Commercial Officer at Dohop, expresses enthusiasm about airBaltic joining the network: "We are delighted to welcome airBaltic to the Dohop ecosystem, as we support its ambitious growth plans with global connectivity across our portfolio of airline partners. The addition of airBaltic is strategically significant, as it not only expands our breadth of content in Eastern Europe but also continues to develop our full-service carrier product offering." Dohop's facilitated connections will not only enhance airBaltic's global reach but also provide protection for passengers in the event of delays or cancellations, ensuring a seamless travel experience. With a 24/7 multi-lingual customer service team, Dohop serves as a reliable point of contact for passengers, offering booking management and support in case of disruptions.



Frankfurt Airport

© Fraport

Frankfurt Airport (FRA) welcomed some 4.6 million passengers in November 2023 – an increase of 12.2% year-on-year. Compared to pre-crisis levels, passenger numbers in the reporting month were still 9.4% lower than in November 2019. Cargo traffic in Frankfurt (comprising airfreight and airmail) rebounded in November 2023, growing by 6.0% year-on-year to 174,258 metric tonnes. At the same time, FRA's flight volume also continued to increase, with aircraft movements up 8.5% year-on-year to 35,310 take-offs and landings. Accumulated maximum take-off weights (or MTOWs) surged by 10.7% year-on-year to about 2.2 million metric tonnes. The majority of airports in Fraport's international portfolio also reported continuous passenger growth. At Slovenia's Ljubljana Airport (LJU), traffic improved significantly in November 2023, rising by 37.3% year-on-year to 91,786 passengers. In contrast, the

two Brazilian airports of **Fortaleza** (FOR) and **Porto Alegre** (POA) registered a 12.5% overall decline year-on-year to around 1.0 million passengers. Meanwhile, **Lima Airport** (LIM) in Peru saw passenger numbers climb by 9.9% year-on-year to around 1.9 million travellers. Fraport's 14 Greek regional airports welcomed a total of 784,981 passengers in the reporting month – 13.0% more than in November 2022. In Bulgaria, combined traffic at the two coastal airports of **Burgas** (BOJ) and **Varna** (VAR) slightly decreased by 2.9% year-on-year to 83,347 passengers. Continuing its growth trend, **Antalya Airport** (AYT) on the Turkish Riviera served some 1.5 million passengers in November 2023, up 3.9% year-on-year. Across the airports actively managed by Fraport, passenger numbers advanced by 7.5% year-on-year to a total of about 9.9 million travellers in November 2023.

#### INDUSTRY PEOPLE



Stephanie Pope

Boeing has named
 Stephanie Pope as
 the Executive Vice
 President and Chief
 Operating Officer
 of The Boeing Company. Effective January 1, 2024, Pope
 will report directly
 to Boeing President

and Chief Executive Officer **Dave Calhoun**. In her newly established role, Pope will oversee the performance of Boeing's three business units, driving excellence in supply chain, quality, manufacturing and engineering across the company. As Boeing

Qatar Airways has welcomed Iberia's first non-stop flight to Doha, Qatar from Madrid, Spain. This addition, further cements Hamad International Airport (DOH), as a gateway to the world. Iberia's new daily service complements Qatar Airways' two daily flights between the capital cities of Spain and Qatar and three daily flights between Barcelona and Doha. These services expand on Qatar Airways' commitment to the Spanish market and support their joint ambition to expand the world's largest airline joint



Official welcome ceremony for Iberia at Hamad International Airport © Qatar Airways

business between Qatar Airways, British Airways and Iberia. Through Madrid, London and Doha, the three strategic partners offer connectivity to more than 200 destinations in Asia, Australasia, the Middle East and Africa, with the most efficient transfers through their five-star hubs. Whether travelling from Madrid to Bali, Sydney to Ibiza, Lisbon to Maputo, or Doha to Malaga, the combined networks will provide fast and reliable itineraries to all passengers. As part of the unique partnership between Qatar Airways, British Airways and Iberia, passengers can enjoy the best service on the ground and in the air, while seamlessly connecting to their favourite destinations. The unique partnership between Qatar Airways, British Airways and Iberia offers more customers even greater flexibility, choice and value, and today's inaugural flight reinforces Qatar as a destination of choice in the region, and Hamad International Airport as a global gateway.

#### **INDUSTRY PEOPLE**

COO, Pope will have direct reports from the business unit Chief Executive Officers, the Boeing Chief Engineer and the President of Boeing Global. Senior corporate functional leaders will continue reporting to Calhoun. The successor to Pope for leading Boeing Global Services will be announced at a later date. Prior to her new role, Pope served as President and CEO of Boeing Global Services since April 2022. In that position, she led the development and delivery of aerospace services for commercial, government, and aviation industry customers worldwide. Pope's focus included global supply chain and parts distribution, aircraft modifications and maintenance, digital solutions, aftermarket engineering, analytics, and training. She previously held the position of Chief Financial Officer of Boeing Commercial Airplanes.



• Florian Guillermet has been named the prospective Executive Director of the European Union Aviation Safety Agency (EASA), following a decision by the Agency's Management Board. Piotr Samson, Chair of the

EASA Management Board and President of Civil Aviation at the Polish Civil Aviation Authority, expressed his satisfaction with the selection, stating, "I am pleased to announce that we have selected Florian Guillermet as the Executive Director of EASA. I have known Florian for many years and deeply respect his operational knowledge of aviation as well as his highlevel strategic thinking. I am sure that, under his leadership, EASA and the European aviation community will grow and prosper even further." Currently serving as the Director at DSNA, the Air Navigation Services Provider designated by the French State, Guillermet brings over 26 years of aviation experience, with a focus on air navigation and air traffic management. He served as the Executive Director at SESAR Joint Undertaking from 2014 to 2021, joining in 2012 from EUROCONTROL, where he held various roles since 2004. Earlier in his career, he held positions at the French DGCA and Air France. Guillermet, a graduate engineer from Ecole Polytechnique, holds a specialised Master in Air Transport Management and Aeronautics. The nomination follows an open and transparent procedure launched by the European Commission and a preliminary selection to identify the candidate best suited in terms of merit, competence and experience relevant for civil aviation. A shortlist of candidates was then proposed to the EASA Management Board to make its selection.

• Robinson Aircraft, doing business as Horizon Aircraft, a hybrid eVTOL aircraft developer, has announced the expansion of its leadership team with the appointment of seasoned financial aviation executive, Brian Merker, as Chief Financial Officer (CFO). Merker brings more than 20 years of senior financial management experience to Horizon spanning both public and private sectors, including ten years serving in the aviation sector. Most recently, he served as Chief Financial Officer of Skyservice Business Aviation, supporting its growth efforts in aircraft management, maintenance, fixed-based operations, charter and brokerage. Prior to Skyservice Business Aviation, he was Vice President of Finance at Discovery Air, a publicly traded company that included a diverse range of aviation related services. From 2007 to 2012, Merker served as Vice President of Finance at Score Media, a publicly traded company focused on sports broadcast and technology innovation. He began his career in the KPMG audit practice with significant exposure to SEC registrants at the commencement of the Sarbanes-Oxley legislation.



Paul Ashcroft

· AerFin has announced the pointment of Paul Ashcroft to the newly created role of Senior Vice President - Asia Pacific. With an extensive career spanning over 30 years in diverse technical and

commercial capacities, Ashcroft brings a wealth of industry experience to his new position. Beginning his career at GE Wales, where he took a lead role in powerplant technical support for CFM56 engines with Asia Pacific customers and earned certification as a Six-Sigma Black Belt, he subsequently held leadership positions at Cathay Pacific, Hong Kong. There, Ashcroft played a pivotal role in the aircraft trading team, overseeing the engineering aspects of lease transitions. During his tenure at Rolls Royce Civil Aerospace as Chief of Service Engineer, he led a substantial team focused on improving operational reliability, enhancing customer technical support and

optimising life cycle costs for the global RB211 and Trent fleets. He also contributed to the expansion of operations into Singapore. In his most recent role as Head of Engineering Services at Rolls Royce Defence, Ashcroft led international teams, ensuring the fulfilment of customers' inservice requirements. In his new role at AerFin, he will be tasked with expanding the company's presence across the Asia Pacific region. His responsibilities include fostering a high-performance culture, developing and implementing the company's revenue objectives and contributing to the formulation of AerFin's growth vision and long-term partnership opportunities with existing and prospective clients.

# AVITRADER

AviTrader Publications Corp.

Suite 305, South Tower 5811 Cooney Road Richmond, BC Canada V6X 3M1

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#### **Commercial Jet Aircraft**

A320-233ceo   FPG Amentum   V2527E-A5   4457   2010   Now   Sale / Lease   Lei Ma   ma.lei@ftg-amentum.aero   +852 9199 187	Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
Feb 2024   Sale/Lease   Ex Gary MacLeod   Gary@royalaero.com   +44 (0)1357 \$2114	A319-100	FPG Amentum	V2527M-A5	3705	2008	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 86 027 3163
B737-800 SF   GA Telesis   27988   2000   Now   Sale / Lease   aircraft@gatelesis.com	A320-233ceo	FPG Amentum	V2527E-A5	4457	2010	Now	Sale / Lease	Lei Ma	ma.lei@fpg-amentum.aero	+852 9199 1875
BBAM   CFM56-7B26/3 34953 2007 Now   Sale / Lease   Steve Zissis   info@bbam.com   11787 665 703	B737-400F	Royal Aero	CFM56-3C1	29204		Feb 2024	Sale/Lease/Ex	Gary MacLeod	gary@royalaero.com	+44 (0)1357 521144
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CF34-10E5 Now - Lease  CF34-8C5 Now - Lease  (2) CF34-3A Now - Sale GNS Shlomi Levi shlomi@g-n-solutions.com +972-52 850 851  (1) CF34-10E6 Now - Lease Engine Lease Finance Declan Madigan declan.madigan@elfc.com +353 61 29171	CF34 Engines		Sale / Lease	ale / Lease Cor		Company		Contact	Email	Phone
CF34-8C5         Now - Lease           (2) CF34-3A         Now - Sale         GNS         Shlomi Levi         shlomi@g-n-solutions.com         +972-52 850 851           (1) CF34-10E6         Now - Lease         Engine Lease Finance         Declan Madigan         declan.madigan@elfc.com         +353 61 29171	CF34-8E5		Now - Lease		Lufthansa Technik AERO Alzey		Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368	
(2) CF34-3A         Now - Sale         GNS         Shlomi Levi         shlomi@g-n-solutions.com         +972-52 850 851           (1) CF34-10E6         Now - Lease         Engine Lease Finance         Declan Madigan         declan.madigan@elfc.com         +353 61 29171	CF34-10E5		Now - Lease							
(1) CF34-10E6 Now - Lease Engine Lease Finance Declan Madigan declan.madigan@elfc.com +353 61 29171	CF34-8C5		Now - Lease							
	(2) CF34-3A		Now - Sale		GNS		Shlomi Levi	shlomi@g-n-solutions.com	+972-52 850 8511	
(2) CF34-10E5 Now - Sale / Lease DASI Joe Hutchings joe.hutchings@dasi.com +1 954-478-719	(1) CF34-10E6	(1) CF34-10E6		Now - Lease		Engine Lease Finance		Declan Madigan	declan.madigan@elfc.com	+353 61 291717
	(2) CF34-10E5		Now - Sale / Leas	Now - Sale / Lease		DASI		Joe Hutchings	joe.hutchings@dasi.com	+ 1 954-478-7195











**Commercial Engines** 

1	Email	Contact	Company	Sale / Lease	CFM Engines
+1 786-78	mnapoles@ftaiaviation.com	Mark Napoles	FTAI Aviation LLC	Now - Lease	(1) CFM56-5B3/3
				Now - Lease	(1) CFM56-5B4/P
				Now - Lease	(1) CFM56-5B3/P
				Now - Lease	(1) CFM56-5B1/P
				Now - Lease	(1) CFM56-7B26
+1 (561) 349	leasing@willislease.com	Jennifer Merriam	Willis Lease	Now - Lease	(1) CFM56-5B4/3
				Now - Lease	(4) CFM56-5C4
				Now - Lease	(1) CFM56-5B4/P
				Now - Lease	(1) CFM56-7B24/3
+1 708-207	sberner@aerodirect.com	Steve Berner	AeroDirect	Now - Sale/Lease/Exch.	(1) CFM56-5B4/P
				Now - Sale/Lease/Exch.	(1) CFM56-5B2/P
+1 787 66	info@bbam.com	Steve Zissis	BBAM	Now - Sale / Lease	(4) CFM56-5B5/P
				Now - Sale / Lease	(1) CFM56-5B4/P
				Now - Sale / Lease	(5) CFM56-5B6/P
				Now - Sale / Lease	(2) CFM56-7B26/3
+353 61 2	declan.madigan@elfc.com	Declan Madigan	Engine Lease Finance	Now - Lease	(1) CFM56-5B3/3
				Now - Lease	(1) CFM56-7B26/3
				Now - Lease	(1) CFM56-5B4/P
	engines@gatelesis.com		GA Telesis	Now - Sale / Lease	(2) CFM56-5B4/3
	Email	Contact	Company	Sale / Lease	GE90 Engines
+353 61 2	declan.madigan@elfc.com	Declan Madigan	Engine Lease Finance	Now - Lease	(1) GE90-94B
+1 787 66	info@bbam.com	Steve Zissis	BBAM	Now - Sale/Lease/Exch.	(2) GE90-94B
	Email	Contact	Company	Sale / Lease	LEAP Engines
+1 (561) 349	leasing@willislease.com	Jennifer Merriam	Willis Lease	Now - Lease	(3) LEAP-1B28
+353 61 2	declan.madigan@elfc.com	Declan Madigan	Engine Lease Finance	Now - Lease	(1) LEAP-1A33
1	Email	Contact	Company	Sale / Lease	PW1100G Engines
+353 61 2	declan.madigan@elfc.com	Declan Madigan	Engine Lease Finance	Now - Lease	(1) PW1100G-JM
				Now - Lease	(1) PW1521G-3
	Email	Contact	Company	Sale / Lease	PW 4000 Engines
+44 7899 8	clive.bowen@altavair.com	Clive Bowen	ALTAVAIR	Q4/2022 - Sale	(1) PW4168A





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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	Steve Berner	sberner@aerodirect.com	+1 708-207-5348
(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, Co	omponents and Misc	. Equipment			
Description	•	Company	Contact	Email	Phone
(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					
(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	GA Telesis		landinggearsales@gatelesis.com	
(4) 767 LG Shipset, (3) 737 LG-Shipset					
(1) 777-200 LG Shipset					
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					
(1) 131-9A, (4) 131-9B Engine stands: CF6-80C2, CFM56-3, CFM56-5.	A/B/C, PW4000			stands@gatelesis.com	+1-954-676-3111
	A/B/C, PW4000 Now - Sale / Lease	Willis Lease	Gavin Connolly	stands@gatelesis.com gconnolly@willislease.com	+1-954-676-3111 +44 1656 765 256
Engine stands: CF6-80C2, CFM56-3, CFM56-5.		Willis Lease	Gavin Connolly		