

Weekly Aviation Headline News

WORLD NEWS

Ethiopian adds new India links

Ethiopian Airlines has announced that it will start passenger flights to Bengaluru, India as of 27th October. CEO of Ethiopian Airlines, Mr. Tewolde GebreMariam, remarked, "Ethiopian Airlines is a significant player in connecting India and Africa and beyond. The new four weekly flights will connect the important ICT hub city of Bengaluru to the ever-expanding Ethiopian network in addition to our twice daily flights each to the commercial city of Mumbai and the Capital New Delhi."

CAE to train over 700 new pilots for Southwest

CAE announced the launch of a cadet pilot training programme where CAE will train more than 700 new professional pilots over the next 10 years for Southwest Airlines' Destination 225° programme at CAE's aviation academy in Phoenix, Arizona. "Destination 225° will support Southwest Airlines by developing world-class pilots who are ready to fly 'The Southwest Way,'" said Alan Kasher, Southwest Airlines' Vice President of Flight Operations.

Pegasus Airlines partners with ICRON

ICRON's Ground Handling Services Optimisation Solution – will be implemented by Pegasus this year – this will enable the airline to boost on-time performance, operational efficiency and profitability, customer satisfaction, and service-level excellence from touchdown to take-off by digitising and optimise the airline's end-to-end planning, decision making, and operations. The first phase of this partnership – will ultimately optimise all of Pegasus' ground operations.



BA has 19 A350s on order.

Photo: Airbus

UK carriers bank on A350s

BA and Virgin roll out new long-haul fleets

The UK's two major international carriers British Airways and Virgin Atlantic are in the process of taking delivery of their first A350s.

British Airways' first Airbus 350, registration G-XWBA, touched down at London Heathrow recently, featuring the airline's newest generation business class seat, Club Suite.

The airline will take delivery of 18 A350s, with four of the new aircraft joining the fleet before the end of the year.

Carolina Martinoli, British Airways' Director of Brand and Customer

Experience said: "We are delighted to welcome the first of our A350s to the fleet. This aircraft marks a significant and exciting milestone in our £6.5 billion investment programme and is even more special as it comes with our new Club

"The A350 is a fantastic aircraft and an excellent showpiece for British engineering."

Carolina Martinoli, British Airways' Director of Brand and Customer Experience

Suite. The A350 is a fantastic aircraft and an excellent showpiece for British engineering. Our customers are going to love the space, light and comfort on board."

During phase one in August, the first A350 aircraft will start some short-haul flying between London and Madrid to allow the airline's teams to perfect their customer service delivery and familiarise cabin crew with the aircraft layout.

In phase two, which starts during September, the aircraft will begin long-haul flying to Dubai, followed by services to Toronto, Tel Aviv and Bangalore this year. During this period another three A350 aircraft will join the British Airways fleet and two Boeing 777 aircraft will also be retrofitted with the new cabin.

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At the start of 2020 phase three will begin which will see British Airways rolling out its Club Suite on further long-haul aircraft across the network.

Meanwhile, Virgin Atlantic has unveiled details of its long-awaited Airbus A350-1000 aircraft, which includes an entirely new Upper-Class cabin, featuring a brand new suite and social space. The airline's first A350, named Red Velvet, will take to the skies from late summer 2019.

Virgin's first A350 will take to the skies in August, as it flies from London Heathrow to New York JFK, followed by other services to JFK later in the year. Virgin Atlantic has ordered a total of 12 Airbus A350-1000, with them all scheduled to join the fleet by 2021 in an order worth an estimated \$4.4 billion (list price.)

The A350 will also be the first aircraft in Virgin Atlantic's fleet to feature its new Flying Icons, which are set to replace the airline's famous

Flying Ladies. The high flyers are a diverse range of men and women representing modern Britain, rolled out on the four A350-1000 aircraft this year, followed by a further eight by 2021.

AIRCRAFT & ENGINE NEWS

CDB Aviation delivers first A320neo to Air Seychelles



Air Seychelles A320neo

Photo: AirTeamImages

CDB Aviation, a wholly owned Irish subsidiary of China Development Bank Financial Leasing Co., Limited (CDB Leasing), has delivered a new Airbus A320neo to Air Seychelles, the national airline of the Republic of Seychelles. While being the first A320neo-family aircraft type to be delivered to an African airline, the aircraft is also the first unit equipped with CFM's new generation LEAP-1A engines to be operated on the continent. In 2018, Air Seychelles announced a new strategic plan designed not only to transform the airline's existing jet fleet by incorporating one of the world's most technologically advanced and efficient aircraft, but also to further strengthen its business by operating in a more efficient manner. The neo addition is expected to enable Air Seychelles to increase the capacity on its Johannesburg and Mumbai routes, concomitantly delivering significant fuel savings and reducing operating costs.

CF34-10A-powered ARJ21 successfully completes Genghis Khan Airlines' first flight

With the successful arrival of Flight 9D5671 in Ulanhot, Mongolia, Genghis Khan Airlines has successfully launched its first flight on a COMAC ARJ21, powered by the CF34-10A engine. As the second operator of CF34-10A-powered ARJ21 aircraft and the first airline with a 100% China-made jet fleet, Genghis Khan Airlines has received two ARJ21 aircraft and plans to have a fleet of 25 aircraft in five years. "To-

day is a milestone for Genghis Khan Airlines. We thank our partners for being so supportive to make it happen," said Yutao Hao, Chairman of Genghis Khan Airlines. "Genghis Khan Airlines shoulders the mission of exploring the industrialized development of China-made jet airliners. It is believed that the outstanding performance of the CF34-10A engine combined with GE Aviation's leading technology, deep experience and comprehensive support will play an outstanding role in fulfilling this mission."

BOC Aviation announces operational transactions for second quarter ended June 30, 2019

During the second quarter 2019 BOC Aviation delivered a total fleet of 499 aircraft owned, managed and on order. The average aircraft age was 3.1 years and an average remaining lease term of 8.2 years for the 314 owned aircraft fleet, weighted by net book value. At the end of the second quarter BOC Aviation had an order book of 162 aircraft and took delivery of 14 aircraft (including two acquired by air-

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line customers on delivery). 18 aircraft scheduled for delivery in the first half of 2019 were delayed, comprising 12 Airbus aircraft delayed primarily due to industrial constraints and six Boeing aircraft delayed primarily due to the 737 MAX grounding. BOC Aviation has signed 32 lease commitments during the second quarter and had a customer base of 92 airlines in 40 countries and regions in the owned and managed portfolios. BOC Aviation has sold eight owned and two managed aircraft and has managed a fleet comprising of 23 aircraft. Furthermore BOC Aviation repossessed five owned and three managed aircraft from airlines that had ceased operations and delivered all eight aircraft to new customers.

Embraer delivers 26 Commercial and 25 Executive Jets in 2Q19

Embraer delivered a total of 51 jets in the second quarter of 2019, of which 26 were commercial aircraft and 25 were executive jets (19 light and 6 large). As of June 30, the firm order backlog totaled US\$16.9 billion compared to US\$ 16.0 billion at the end of first quarter 2019. Embraer's second-quarter 2019 backlog increase is largely due to continued market demand, mainly for the new family of Praetor jets in Executive Aviation. In the second quarter, Embraer received the Type Certificate for the E195-E2 from three regulatory authorities: ANAC, the Brazilian Civil Aviation Agency (Agência Nacional de Aviação Civil); the FAA (U.S. Federal Aviation Administration) and EASA (European Aviation Safety Agency). The E195-E2 is the largest of the three members of the E-Jets E2 family of Embraer commercial airplanes.

CDB Aviation delivers 737-800 to new Russian customer

CDB Aviation has placed one Boeing 737-800 aircraft on a long-term lease to a new customer in Russia, Joint-stock company Nord-Star Airlines, with airport bases in Krasnoyarsk and Moscow (Domodedovo). The 737-800 aircraft was delivered to the carrier in Ostrava, Czech Republic on July 30, and is expected to support the carrier's expanding operations between Russian cities and the neighboring regions within the Russian Federation and foreign countries.

Singapore LCC Scoot to add 16 Airbus A320neos



Scoot

Photo: AirTeamImages

Singapore low-cost airline Scoot has announced the introduction of 16 brand-new A321neo aircraft, to arrive progressively from the last quarter of 2020. The new fleet will enable Scoot to meet its double-digit growth plan by the end of financial year 2020/2021.

Air France-KLM signs commitment for 60 A220 aircraft



Air France-KLM orders 60 Airbus A220 aircraft

Photo: Airbus

The Air France-KLM Group has signed a Memorandum of Understanding (MoU) for 60 A220-300 aircraft to modernize its fleet. By acquiring the industry's most efficient and technologically advanced single-aisle aircraft, the airline will benefit from a significant reduction in fuel burn and CO2 emissions. These A220s are intended to be operated by Air France. Air France currently operates a fleet of 144 Airbus aircraft. With an order book of 551 aircraft as of end of June 2019, the A220 has all the credentials to win the lion's share of the 100-to-150-seat aircraft market, estimated to represent 7,000 aircraft over the next 20 years.

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Aer Lingus takes delivery of first A321LR



Air Lingus' first of eight A321LR aircraft

Photo: Airbus

Ireland's national carrier Aer Lingus has taken delivery of its first of eight A321LR aircraft, becoming the first airline in International Airlines Group (IAG) to operate the type. The aircraft, on lease from Air Lease Corporation, is powered by CFM International LEAP-1A engines and is configured in a two-class layout with 16 business and 168 economy seats. The Dublin-based carrier will deploy the aircraft on transatlantic routes to the U.S. East Coast. Aer Lingus currently operates a total of 50 Airbus aircraft, including 13 A330s and 37 A320 Family aircraft. The A321LR and the A330 combined within the same fleet is a powerful lever to cover the needs of the medium- to long-haul markets.

Aergo Capital sells one Airbus A330-300 to EMP



2017 Vintage Airbus A330-300 aircraft

Photo: Aergo Capital

Aergo Capital has completed the sale of one 2017 Vintage Airbus A330-300 aircraft bearing manufacturers serial number 1779, to EMP Aviation Ireland. The aircraft remains subject to a long-term operating lease with South African Airways. Fred Browne, Chief Ex-

ecutive Officer of Aergo, commented: "We are delighted to have worked with EMP on such a successful transaction. This sale could not have happened but for a great collaborative effort from all parties involved."

GECAS to provide Ural Airlines two LEAP-powered A321neos



GECAS to provide Ural Airlines with two A321neo aircraft

Photo: GECAS

GECAS has contracted with Ural Airlines to provide two A321neo aircraft from the lessor's orderbook, with deliveries in October and December of this year. The narrow-body aircraft will be the first LEAP-powered A321neos to enter service in the Commonwealth of Independent States (CIS). With a current in-service fleet of 45 aircraft from the Airbus A320 family – including the A319, A320 and A321 – the Russian operator now transports more than nine million passengers annually and is among the largest rapidly-developing Russian airlines.

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Aircalin takes delivery of first of two A330neo aircraft

New Caledonia’s Aircalin has taken delivery of its first of two A330-900s at a delivery ceremony in Toulouse, France, with the second aircraft joining the fleet later in 2019, replacing its existing two A330s. Aircalin is also a customer for the A320neo and will replace its existing two A320s to become an operator of two A330-900s and two A320neos. Aircalin’s A330neos are configured in a comfortable three-class layout with 291 seats, or 25 more seats than its existing smaller A330-200s. These include 26 business, 244 economy and for the first time, premium economy with 21 seats. The A330neos will boost capacity and non-stop connectivity between the French Pacific Island territory and markets in Japan, Australia and the Pacific Islands nations.



Aircalin receives its first A330-900 aircraft

Photo: Airbus

Hongtu Airlines takes delivery of first A320neo on lease from GECAS



Hongtu Airlines takes delivery of first A320neo from GECAS

Photo: GECAS

GECAS has delivered the first of four A320neos headed to Yunnan Hongtu Airlines (Hongtu Airlines). As announced at Farnborough in 2018, Hongtu Airlines (operating as Air Travel) has agreed to lease four of the new-technology narrow-bodies from GECAS’ skyline orderbook. This delivery marks the first LEAP-powered A320neo to enter service with Hongtu Airlines. Launching operations in May 2016, the Kunming-based airline has more than doubled its fleet in the past year, with nine aircraft from the Airbus A320 family – including A319s, A320s and A321s.

COMAC’s fourth C919 prototype completes first test flight

Commercial Aircraft Corp of China (COMAC) has announced that its fourth prototype of the C919 narrow-body twin-engine passenger jet has successfully completed its first test flight. The plane took off from Shanghai and lasted 1 hour 25 minutes. COMAC is looking to challenge Airbus and Boeing with its home-grown commercial jet. The company confirmed that its fifth and sixth prototypes are scheduled for their maiden test flights later on this year, while the third prototype first flew in December 2018. COMAC is hoping to obtain type certification by the end of 2020, but certain analysts consider this an optimistic target considering that the C919 has flown very few hours since its maiden flight in 2017. By August 2018 there were 305 firm orders and options for a further 45, mainly from Chinese carriers, including Air China and China Eastern Airlines. COMAC is aiming to capture 20% of the global narrow-body market and a third of the Chinese market and anticipates sales of 2,000 units over the next 20 years.



C919 aircraft from COMAC

Photo: AirTeamImages

MRO & PRODUCTION NEWS

Croatia Airlines renews contracts with Lufthansa Technik



Croatia Airlines' Airbus A319

Photo: Croatia Airlines/A. Grubelic

Croatia Airlines has extended two long-standing contracts with Lufthansa Technik. The extended agreements cover the Airbus A320-family fleet of the state-owned airline of Croatia, which currently operates six aircraft of this type. An existing Total Component Support (TCS®) contract was extended by seven years. At the same time, the contract covering auxiliary power unit (APU) services was extended by five years. Croatia Airlines will also become a user of Lufthansa Technik's digital platform AVIATAR. Lufthansa Technik has been a maintenance partner to Croatia Airlines since 1992 when the MRO provider started to support the Boeing 737 fleet of Croatia Airlines with an integrated Total Technical Support (TTS®) contract. In 1997, when Croatia Airlines' included its first Airbus A320 in its fleet, Lufthansa Technik was also chosen as a provider of TTS®. In addition, Croatia Airlines' Bombardier Q400 turboprops have been under Total Component Support (TCS®) since 2008.

GA Telesis MRO Services Group signs long-term landing gear MRO agreement with China Express Airlines

GA Telesis, a leader in integrated aviation services, has reported the execution of a new long-term agreement with China Express to overhaul landing gear, valued at US\$27 million. The agreement has a five-year term and covers the repair and overhaul of the entire fleet of CRJ900 landing gears. The agreement encompasses coverage of 35 aircraft over five years and includes a leasing component that was created and provided by the Inventory Leasing Group from within the GA Telesis Ecosystem™.



China Express and GA Telesis MRO Services Group sign new contract

Photo: AirTeamImages

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Vortex Aviation receives ISO 9001:2015 and AS9110-2016 certificate

Vortex Aviation has announced receipt of its ISO 9001:2015 and AS9110C certificate at its Fort Lauderdale, Florida location. The assessment was performed in accordance with the Aerospace Quality Management System (AQMS) Standard AS9104/1:2012A as part of Vortex's initiative to provide superior quality and customer service. This certification demonstrates a systemic approach to continuous internal review of its business processes with periodic third party validation. Vortex has established a strategy to obtain ISO certification at all of its locations around the world.

Three Alcoa-operated locations receive certifications from Aluminium Stewardship Initiative

Alcoa Corporation, a global leader in bauxite, alumina and aluminum, has released that the Aluminium Stewardship Initiative (ASI) has certified three Alcoa-operated locations, one in each of the Company's three business units. The ASI certifications are valid for three years and include the Juruti bauxite mine in Brazil, the Alumar alumina refinery near São Luís, Brazil, and the aluminum smelter in San Ciprián, Spain. ASI is a global sustainability certification program for the aluminum industry, representing both upstream producers and downstream manufacturers who use the metal in their products. The certification process includes independent, third-party reviewers to verify responsible production, sourcing and stewardship as part of ASI's standards.

Liebherr-Aerospace delivers 5,000th heat exchanger unit

Only 30 months after Liebherr-Aerospace entered the heat exchanger maintenance market in 2016 with the opening of a dedicated Center of Excellence in Saline, Michigan (USA), the company was able to celebrate the delivery of its 5,000th heat exchanger unit, a milestone that attests the success of this repair activity. With the decision to establish capabilities on this Liebherr product line of heat transfer components and to create a global center of excellence for aftermarket support, Liebherr-Aerospace excels on the cleaning, repair and re-core of heat exchangers. Repairs activity, which had previously been performed by various third parties, is migrating back into the Liebherr aftermarket network and is being received from a diverse customer base throughout the European, Asian, Middle East and Americas regions. With initial capabilities

MTU Maintenance signs CF6-80C2 and GE90-110B contracts with Atlas Air Worldwide subsidiaries



Atlas Air and MTU Maintenance sign extension of CF6-80C2 contract

Photo: MTU Maintenance

MTU Maintenance and long-term partner Atlas Air, a subsidiary of Atlas Air Worldwide Holdings, have signed a seven-year extension of their CF6-80C2 contract. The contract builds on over 15 years collaboration between the two companies and includes maintenance, repair and overhaul coverage of over 200 engines powering Atlas Air's B747 and B767 fleets, as well as engine trend monitoring. It incorporates numerous elements of MTU Maintenance's SAVEPlus offering, one of the MTUPlus intelligent solutions and a product dedicated to reducing cost through smart strategies for mature engines. Additionally, MTU Maintenance is the exclusive service partner for Atlas Air Worldwide subsidiary Southern Air's entire fleet of B777 cargo airplanes powered by GE90-110B engines. The agreement runs for 12 years and includes full support, including lease engines.

HAECO Private Jet Solutions expands service offerings for UAE operators



HAECO PJS expands service offering for UAE operators

Photo: HAECO

HAECO Xiamen has obtained an extension to its Approved Maintenance Organisation (AMO) certificate from the United Arab Emirates (UAE) General Civil Aviation Authority (GCAA), covering both airframe and line maintenance. This enables HAECO Private Jet Solutions (HAECO PJS), the Group's private jet cabin completion specialist, to provide airframe maintenance as part of its comprehensive, one-stop cabin completion solutions for UAE-registered aircraft at its facility in Xiamen. HAECO PJS has already worked with a number of Saudi Arabian operators, and provides dedicated customer support in the Middle East from Dubai. The award of GCAA approval adds to the division's value proposition as a service provider supporting customers from the Middle East region. As the first and only Airbus-approved and Boeing-licensed cabin completion center in Asia Pacific, HAECO PJS is committed to providing customers with a tailored solution encompassing early-stage conceptual and industrial design, design engineering, certification, strategic procurement, workshop support, installation, maintenance, and after-sales support.

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on the Airbus A320 family, Bombardier CRJ family and the A380, the heat exchanger staff are working diligently to add capabilities for other Liebherr equipment installed on the Airbus A330 family, Airbus A220, Boeing 747-8, and Falcon 7X business jet. By utilizing OEM parts and procedures, non-contact metrology, custom-built cleaning and non-destructive testing setups, wire-EDM (Electrical Discharge Machining) cutting, adapted fixturing, and exploring more time savings techniques such as CMT (Cold Metal Transfer) robotic welding, Liebherr-Aerospace is continuing to be more efficient while maintaining superior OEM quality.

FINANCIAL NEWS

SIA Engineering Group posts profit of SG\$41.6 million for first quarter 2019-2020

For the first quarter of FY2019-20, SIAEC Group posted a revenue of SG\$258.1 million, comparable year-on-year. Revenue from the airframe and line maintenance segment was SG\$2.3 million higher. This was partially offset by a SG\$1.9 million decrease in revenue from the engine and component segment. Expenditure at SG\$240.4 million was lower by SG\$7.1 million or 2.9%, mainly due to a reduction in material costs. As a result, operating profit increased SG\$7.5 million or 73.5% to SG\$17.7 million. Share of profits of associated and joint venture companies was SG\$26.0 million, SG\$6.4 million or 19.8% lower year-on-year, with the engine and component segment turning in a profit of SG\$26.7 million and the airframe and line maintenance segment incurring a loss of SG\$0.7 million. Contributions from the engine and component segment decreased SG\$6.1 million, mainly due to higher expenses incurred by an engine center as it gears up for new engine capabilities, while contributions from the airframe and line maintenance segment decreased by SG\$0.3 million. Profit attributable to owners of the parent was SG\$41.6 million for the quarter ended 30 June 2019, an increase of SG\$1.1 million or 2.7%. (US\$1.00 = SG\$1.37 at time of publication.)

Airbus doubles operating profit in first half of 2019

Airbus has reported that commercial aircraft orders totaled 213 (H1 2018: 261 aircraft) with net orders of 88 aircraft (H1 2018: 206 aircraft). The order book stood at 7,276 commercial aircraft as of June 30, 2019. Net helicopter orders of 123 units (H1 2018: 143 units) included 23 NH90s for Spain and 11 H145s in the second quarter. Air-

S7 Technics to increase Gazprom Avia’s wheel repair work by 35%



Wheels repair at S7 Technics’ base at Moscow Domodedovo airport Photo: S7 Technics

Demand for aircraft wheel repair services by S7 Technics is accelerating. In July, the maintenance, repair and overhaul (MRO) specialist and Gazprom Avia, Russia’s largest corporate airline, jointly signed a new wheel MRO contract to support the Boeing 737-700 and the Superjet 100 aircraft types. Repairs to Gazprom Avia’s aircraft wheels will be performed by S7 Technics’ specialists at its base at

Moscow’s Domodedovo airport and the provider’s transport logistics group is to deliver components to the repair base and also back to the airline. For S7 Technics, Gazprom Avia has become one of its key customers for MRO services and aircraft components supply. Under the previous contract, the provider’s specialists repaired 81 wheels, and according to the terms of the current contract, the amount of work will increase by 35%.

EngineStands24 opens hub in China



Photo: EngineStands24 opens new hub in China

EngineStands24, a subsidiary of Magnetic MRO, a global provider of total technical care for aircraft operators and lessors, has opened a new hub in Guangzhou, China. The hub will be launched in cooperation with Magnetic MRO’s shareholder, Chinese company Hangxin Aviation Services and will begin operating by offering its customers a selection of the most popular engine stand types, like the CFM56-5A/B, CFM56-7B and V2500. The variety will be increased to the most popular and requested wide-body engine stands in China and its neighboring countries. “China is a huge market with great potential,” shares Daiva Žemaitė, the Head of EngineStands24. “In addition to that, we have a great sales force in China and all the local support we need by our mother company Hangxin.” Žemaitė added that opening the new hub will support EngineStands24’s main strategic goals, which are to grow geographically and increase the selection of engine stands. “Our new hub in China will enlarge our geographical presence which will be a really great advantage to our customers, especially those who have world-wide operations.” The plan is to offer a wider service than just the lease of engine stands – engine stand pool management and efficient cost control are two of the company’s other main targets. The Guangzhou hub will be EngineStands24’s fourth hub after Dubai, Amsterdam and Tallinn.

FINANCIAL NEWS

bus Defence and Space's order intake by value totaled €4.2 billion, with second-quarter bookings including the A400M Global Support Step 2 contract with OCCAR and next-generation geostationary Ka-band communications satellites. Consolidated revenues increased to €30.9 billion (H1 2018: € 25.0 billion), mainly reflecting higher commercial aircraft deliveries and favorable foreign exchange. At Airbus, a total of 389 commercial aircraft were delivered (H1 2018: 303 aircraft), comprising 21 A220s, 294 A320 Family, 17 A330s, 53 A350s and 4 A380s. Airbus Helicopters delivered 143 units (H1 2018: 141 units) with stable revenues driven by program phasing compensated by growth in services. Higher revenues at Airbus Defence and Space were supported by Military Aircraft activities. Consolidated EBIT Adjusted – an alternative performance measure and key indicator capturing the underlying business margin by excluding material charges or profits caused by movements in provisions related to programs, restructurings or foreign exchange impacts as well as capital gains/losses from the disposal and acquisition of businesses – more than doubled to €2,529 million (H1 2018: €1,162 million), driven by commercial aircraft activities at Airbus. Airbus' EBIT Adjusted increased to €2,338 million (H1 2018: €867 million), mainly reflecting the A320 ramp-up and NEO premium, further progress on the A350 financial performance and an improvement in foreign exchange rates in the second quarter. (€1.00 = US\$1.12 at time of publication.)

Air Canada posts second-quarter net income of CA\$343 million

Air Canada has reported second-quarter 2019 EBITDA of CA\$916 million compared to second-quarter 2018 EBITDA of CA\$739 million. The airline reported second-quarter 2019 operating



AIM and AAR sign EAGLE Career Pathway partnership

Photo: AAR

On July 25, **AAR**, a leading provider of aviation services to commercial airlines and governments worldwide, joined the **Aviation Institute of Maintenance (AIM)** and the **City of Norfolk** to announce AIM as the newest AAR EAGLE Career Pathway partner at the college's main campus in Norfolk. Beginning this fall, AIM students around the country will have the opportunity to receive onsite job training and mentorship at AAR's maintenance, repair and overhaul (MRO) hangars and graduate with employment and reimbursable advanced-certification opportunities. With 12 campuses in ten states and fast-growing enrollment, AIM is the largest producer of new aviation maintenance technicians (AMTs) in the aviation industry. AAR's EAGLE Career Pathway initiative adds a new internship component to AIM's 23-month AMT program. In the program, students complete a site visit at one of AAR's U.S. MRO facilities based in Indianapolis, Oklahoma City, Miami, Duluth and Rockford for initial onsite mentoring. During their winter and spring vacations, the students then return to the site for an AMT internship with the AAR team. The students who graduate from the AIM and EAGLE Pathway programs will be extended job offers to join AAR as an entry-level AMT. They also have the option to continue the EAGLE Pathway program to obtain an Airframe and Powerplant (A&P) certificate or pursue another of AAR's career pathways, including maintenance operations, management, quality control and safety, which will be eligible for tuition reimbursement from the company upon completion. AIM is the sixth academic institution to join the EAGLE Pathway program.

income of CA\$422 million compared to second-quarter 2018 operating income of CA\$308 million. Adjusted net income was CA\$240 million in the second quarter of 2019 compared to ad-

justed net income of CA\$129 million in the second quarter of 2018. Second-quarter 2019 net income amounted to CA\$343 million compared to a second-quarter 2018 net loss of CA\$102



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million. The second quarter of 2019 included foreign exchange gains of CA\$117 million while the second quarter of 2018 included a loss on disposal of assets of CA\$186 million and foreign exchange losses of CA\$82 million. "The impact of the Boeing 737 MAX grounding will be felt more acutely in our very busy summer period and, as a result, third-quarter EBITDA is expected to increase approximately five per cent versus the third quarter of 2018," said Calin Rovinescu, President and Chief Executive Officer of Air Canada. "Third-quarter projected capacity is expected to decline approximately two per cent compared to the third quarter of 2018, as opposed to an originally planned capacity increase of approximately three per cent. In our planning, we will be removing the Boeing 737 MAX from our schedule until at least January 8th, 2020." US\$1.00 = CA\$1.32 at time of publication.)

Spirit AeroSystems posts solid second-quarter results

Spirit's second-quarter 2019 revenue was US\$2.0 billion, up from the same period of 2018. This increase was primarily driven by higher production volumes on the Boeing 777 and 787 programs, favorable model mix on the Boeing 737 program, and higher revenue recognized on the Boeing 787 program. Second-quarter net income was US\$168 million, up from US\$145 million in the second-quarter 2018. Spirit's backlog at the end of the second quarter of 2019 was approximately US\$46 billion with work packages on all commercial platforms in the Boeing and Airbus backlog. Operating income for the second quarter of 2019 was US\$226 million, up compared to US\$218 million in the same period of 2018. Cash from operations in the second quarter of 2019 was US\$230 million, compared to US\$231 million in the same quarter last year. Adjusted free cash flow in the second quarter of 2019 was US\$193 million, up compared to US\$171 million in the same period of 2018.

Bombardier reports second-quarter 2019 results

Bombardier's revenues for the second quarter were US\$4.3 billion. Adjusted EBITDA and adjusted EBIT for the quarter were US\$312 million and US\$206 million respectively, mainly driven by a 7.0% adjusted EBIT margin at Business Aircraft while Transportation recorded a 5.1% adjusted EBIT margin. Transportation's lower margin reflects additional cost pressure mainly on its large, complex legacy projects. On a reported basis, EBIT of US\$371 million is largely driven by the gain of US\$219 million on the sale of the Q Series program. Free cash flow usage



Photo: Avia Solutions Group and HNCA signing ceremony

Avia Solutions Group and Henan Civil Aviation Development and Investment Company (HNCA) have signed a Joint Venture agreement to establish new entity, BAA Training China. BAA Training together with HNCA will operate a commercial aircraft aviation-training center in Zhengzhou city, Henan province (China) in order to become a prime choice aviation-training provider for China-based airlines. BAA Training is delivering its 20 years of experience in pilot and cabin crew training services and solutions together with its IT, sales, marketing, quality control solutions to the Chinese aviation market. According to the agreement, the training center will operate under a franchise license and will be located in a strategically chosen location at Zhengzhou Airport Economic Zone (ZAEZ) as it is within several minutes' drive from Zhengzhou Xinzheng International Airport (CGO). BAA Training China center with planned investments for more than US\$60 million (€53 million) will be equipped with new state-of-the-art training devices and six full-flight simulators including Airbus A320- and Boeing 737-family aircraft types to provide a full scope of pilot, cabin crew and ground handling aviation training. It is planned that the first full-flight simulator will be ready for training in the second half of 2020. The training center is expected to supply up to 40,000 hours per year in full-flight simulation for current and new pilots. Total capacity of the training center will be 4000 pilots per year. The company is planning to serve more than 30,000 hours of theoretical training courses per year as well. BAA Training, delivering training services all around the globe, pays particular attention to ensuring pilots' comfort during training time, therefore it is planned to equip the brand new BAA Training China training centre with a luxury relax lounge with a library, massage seats and various entertainment facilities. As the experts are forecasting a strong need for commercial airline pilots, BAA Training and HNCA have a mutual agreement to contribute to the aviation community preparing high-quality aviation professionals. According to the CAAC, the country's civil aviation authority, the industry in China is experiencing sustained growth: the annual flying time has soared to 10.5 million hours up from 6.19 million hours over the past five years. Boeing and Airbus predict up to 325,000 pilots will be needed between today and 2037 in the Middle East and the Asia Pacific regions, while China's fleet alone is expected to more than double, reaching an 18% share of the world's fleet.

was US\$429 million for the quarter and US\$1.5 billion year to date, in line with the Company's expectations for the first half of 2019.

Business Aircraft revenues increased by 6% year-over-year to US\$1.4 billion on 35 deliveries, including two Global 7500 aircraft. Adjusted EBITDA for the quarter was stable year-over-year at US\$146 million, even as production ramps up on the Global 7500. The adjusted EBIT margin of 7.0% during the quarter is lower against the same quarter last year, mainly as a result of

higher amortization associated with Global 7500 deliveries. EBIT margin for the quarter was 6.1%.

Commercial Aircraft: on May 31, 2019, the Corporation completed the previously announced sale of the Q Series aircraft program assets, including aftermarket operations and assets, to De Havilland Aircraft of Canada Limited (formerly Longview Aircraft Company of Canada Limited), a wholly owned subsidiary of Longview Aviation Capital Corp., for gross proceeds of US\$298 million. During the quarter, the Corpo-

FINANCIAL NEWS

ration entered into a definitive agreement with Mitsubishi Heavy Industries (MHI) for the sale of its regional jet program for a cash consideration of US\$550 million payable upon closing, and the assumption by MHI of liabilities related to credit and residual value guarantees and lease subsidies amounting to approximately US\$200 million. The transaction is currently expected to close during the first half of 2020 and remains subject to regulatory approvals and customary closing conditions. Revenues reached US\$516 million during the quarter on increased deliveries, including six Q400 deliveries prior to completion of the Q Series aircraft program sale and 11 CRJ. Year-over-year revenue decrease is due to C Series deliveries included in the comparable for the first half of 2018. Adjusted EBIT of US\$12 million includes US\$21 million contribution from commercial aircraft programs, offset by a US\$9 million share of net loss in ACLP. EBIT for the quarter of US\$226 million is largely driven by the US\$219 million gain on the sale of the Q Series aircraft program to Longview.

Ryanair profits tumble while growth plans also hit by further MAX delays

Ryanair has reported a 21% year-on-year drop in post-tax profit at €243 million (US\$270.36 million) for the three-month period up to June 30. While the carrier is not adjusting its end-of-year profit forecast of between €750 million and €950 million (US\$832 million and US\$1054 million), fares have fallen by 6% when compared to the same period last year and is a trend Ryanair believes will be ongoing for the rest of the summer, a period when the carrier is usually most profitable. The drop in fare prices has been put down to a combination of reduced pre-Brexit spending by UK residents and market competition, especially in Germany. “We are cautious on pricing into the winter,” Chief Executive Michael O’Leary told analysts in a conference call, according to Reuters news agency. “Brexit and the risk of a hard Brexit has materially increased with the new government. O’Leary admitted to having concerns over further delays in the return to service of the 737MAX which remains grounded. The low-cost carrier has halved anticipated passenger growth for the year to five million on the grounds that at best it will have only 30 of an anticipated 58 operational 737 MAXs next summer. Despite Boeing Chief Executive Dennis Muilenburg stating last Wednesday that he was confident the 737 MAX would be back in the air by October, O’Leary commented that the number of these jets in service with Ryanair “could move to 10 and it could move to zero if Boeing don’t get their shit together pretty quickly with the regulator.” Despite these problems, O’Leary remains bullish that Ryanair passengers will have no problems flying



Photo: Jeffrey Goh, CEO Star Alliance and Takashi Niino, President and CEO of NEC Corporation

Star Alliance and NEC Corporation, a global leader in IT, network and biometric technologies, have signed a partnership agreement to develop a biometric data-based identification platform that will significantly improve the travel experience for frequent flyer program customers of Star Alliance member airlines. The interoperable platform advances the Star Alliance and NEC strategic vision of delivering a seamless customer journey, while strengthening the loyalty value proposition within the

travel ecosystem. Once implemented, Star Alliance customers who opt-in to biometrics will have a seamless and handsfree passenger experience, allowing them to pass through curbside-to-gate touchpoints within airports, such as check-in kiosks, bag-drop, lounges, and boarding gates, which traditionally require both a passport and boarding pass, by using a secure identity management solution featuring facial recognition technology. Moreover, the platform will help airports and Star Alliance member airlines to increase operational efficiency. The service will be available to customers who are enrolled in one of the Star Alliance frequent flyer programs and who have authorized the use of their biometric data.



CityJet operating for SAS Scandinavian Airlines

Photo: AirTeamImages

The EU commission has issued a statement approving the merger of Dublin, Ireland-based **CityJet DAC** and Valencia, Spain-based **Air Nostrum**. “The European Commission has approved, under the EU Merger Regulation, the creation of a joint venture between **Fortress Investment Group**, of the U.S., and **Air Investment Valencia**, of Spain. It will combine the activities of CityJet of Ireland and of Air Nostrum of Spain.” The merger was first announced on July 17 when the two companies signed a Heads of Terms for the creation of a new holding company and the formation of what will become the largest pan-European airline group. CityJet operates a fleet of 44 regional jets on a network of wet lease and scheduled services across Europe. CityJet employs over 1,200 staff with crew bases in Amsterdam, Brussels, Copenhagen, Dublin, Helsinki, Paris, Stockholm, Tallinn and Vilnius. It has wet lease contracts with Air France, Brussels Airlines and SAS with a fleet of over 40 aircraft, operating over 80,000 flights in the last year and carrying over 4.7m passengers. Air Nostrum manages a fleet of 50 aircraft combining regional jets of the Bombardier CRJ family and ATR72 turboprops under dry lease, wet lease, charter and scheduled services. Air Nostrum workforce is comprised of 1,450 people including its own MRO and ATO. It operates to over 60 airports in more than 15 European and African Countries, exceeding 90,000 flights per year. The consolidated annual gross revenue of Air Nostrum and CityJet would be in the region of €700m (US\$777m), derived from a portfolio of wet lease and franchise contracts throughout Europe.

INFORMATION TECHNOLOGY

TransNusa, the Indonesian regional airline, has become the latest operator to go live with **Rusada's** ENVISION. TransNusa, formed in 2005, operates domestic services across Indonesia using a fleet of ATR's and BAe 146's. It recently added its eighth ATR to the fleet (seven of which are ATR 72's) and will operate ten of the aircraft by the end of the year. TransNusa signed up for ENVISION in May and is now live with the system after just two months. They become Rusada's fourth new regional airline customer this year, demonstrating ENVISION's effectiveness with this type of operation. ENVISION software provides key management information and operational process control for aircraft operators, maintenance and repair organizations (MROs), original equipment manufacturers (OEMs) and aviation service organizations.

OTHER NEWS

Munich Airport and **Meridiam**, jointly with **STRABAG** (the Group), have been awarded with the **Sofia Airport** Concession by the decision of the Minister of Transport, Information Technology and Communications. As of July 29, the project has now entered a new phase and the Group is actively working and fully mobilized for the future of Sofia Airport in a long-term partnership with the Ministry of Transport. This follows a tender process which had attracted the interest of some of the best airport operators globally, and which was conducted by the Bulgarian Government with the support of the IFC (World Bank) and the EBRD, in line with international and industry standards. As is common in this type of tender process, the Commission for Protection of Competition will now proceed with its review. The Group is working closely with all stakeholders to implement its development plan to further enhance the attractiveness of the airport and the economy.

British Airways has lost an Appeal Court hearing to stop an impending pilots' strike over a long-running pay dispute. The three senior judges refused to grant the airline a temporary injunction this Wednesday, having agreed that information provided to BA in a ballot notice was in accordance with the legislation which covers industrial action. This means that **BALPA**, the pilots' union, can now give BA 14 days' notice of when the strike will start, though it has yet to mention any specific dates. BA is attempting to block the strike as it is estimated it will cost the airline up to £40 million (US\$49 million) a day. The decision to go to the Court of Appeal was taken after the High Court had refused to grant BA an injunction earlier last week.

BAA Training Vietnam – a European standard aviation training provider – has announced the completion of the construction of a brand new modern aviation training centre in **Ho Chi Minh city**. Covering 3000 square meters and strategically located 18km from the airport, the training facility is designed to accommodate four full-flight simulators and to fulfil the need of the professional aviation training in the region.



Photo: BAA Training Vietnam

The brand-new training center has spacious studying and briefing rooms, a VIP lounge and in-house accommodation solution. The newly built modern training centre will start providing operations with Airbus A320 pilot training as the brand new state-of-the-art Airbus A320ceo full-flight simulator (FFS) is currently being assembled. The first Airbus A320 type rating student-pilot group is expected to start in August, while the second, for the Airbus A320neo, is scheduled to reach the training centre by the end of 2019. In addition to type rating training, the company is to provide wet and dry lease FFS services to corporate clients. It is also planned to add Flame V9000 Commander Fire Fighting Trainer at the end of 2019. According to Egle Vaitkeviciute, CEO at BAA Training, the Vietnamese aviation market has been growing by an average 8% per year and is expected to continue its growth for the next 20 years. Airlines in Vietnam have been announcing fleet expansion plans, with the nation's flag carrier alone recently announcing plans to acquire 50 new narrow-body aircraft including Airbus A320s. With modern training facilities and equipment, experience and deep know-how, the training center which offers European-standard aviation training solutions is ready to accommodate Vietnamese pilots. Established in 2018, BAA Training Vietnam brings 20 years of experience in the field and its know-how from its headquarters in Europe at BAA Training, one of the top-three independent aviation training centers in Europe which is also well-known in the market for its full scope and flexible aviation training solutions for private and business clients from 96 countries. Since 2016, BAA Training has launched cadet pilot programs with leading airlines in Turkey, Hungary, Iceland, Laos, Latvia, Lithuania and Vietnam. In 2019 the company launched the MPL training program with Avion Express.

INDUSTRY PEOPLE



David Brigante

- **David Brigante** has been nominated SVP Programs and Customer Services of ATR, starting August 1, 2019. He will be reporting to CEO, **Stefano Bortoli**. Brigante will be succeeding **Tom Anderson**, who will leave ATR at the end of July 2019. After several

years within the ATR team in different and significant roles, Anderson has decided to take a new direction in his professional career. Brigante, who joined ATR in 2015 from Leonardo, brings a strong aeronautical experience and a deep understanding of ATR today, as well as of what is needed for the future. He will continue his current role as SVP Procurement and Supply Chain ad interim until a successor is appointed. Simultaneously, in order to optimize customer attention and satisfaction, with a growing fleet of ATR aircraft worldwide, Operations becomes an independent new function reporting direct-

ly to the CEO under the management of **Raphael Dubus** who will also become a member of the Executive Committee, effective September 1, 2019. This was previously integrated as a department in the Programs and Customer Services directorate.



Todd Slater

- Millennium International Avionics has named **Todd Slater** as its new Business Development Director. In this position, Slater will be responsible for developing sales and service channels for the Commercial Air Transport and Corporate Aviation divisions, along with third-party support. He started his career with Absolute Aviation (now Wencor) as a bench technician and has held multiple technical and leadership roles. Most recently, he has served as the Director of Pricing and in the sales division for Wencor Group MROs.

INDUSTRY PEOPLE



Jost Lammers
Photo: Budapest Airport

• The Supervisory Board of Flughafen München GmbH (FMG), the Munich Airport operating company, has selected **Jost Lammers** as the airport's next president and CEO. Lammers has been appointed for a five-year term effective as of January 1, 2020. He will succeed **Dr. Michael Kerkloh**, who is to retire on December 31, 2019 after leading the FMG Group very successfully for more than 17 years. **Albert Füracker**, the Bavarian minister of finance and the chairman of the FMG Supervisory Board, sees Jost Lammers as an "excellent choice": "As the CEO in Budapest, Mr. Lammers has guided that airport through an impressive period of growth and development. We have therefore selected a candidate whose experience, skills, personality and age make him the ideal choice to lead Bavaria's Gateway to the World into the future and successfully master the many challenges that lie ahead." Jost Lammers, **Thomas Weyer** (CFO and Director of Infrastructure) and **Andrea Gebbeken** (Managing Director: Commercial and Security) will make up Munich Airport's new Management Board.



Julian Whitehead

• Airbus Defence and Space has appointed **Julian Whitehead** Executive Vice-President Global Business and Strategic Programmes, effective October 1, 2019. Currently, he is serving as Executive Vice-President Finance for the division and is a member of the divisional Executive Committee. Julian Whitehead will be succeeded by **Xavier Tardy**, also effective October 1, 2019, who currently serves as Head of Business Strategy within Airbus.



Xavier Tardy

In his future capacity as Executive Vice-President Finance for the division, Tardy will become a Member of the Executive Committee of Airbus Defence and Space. In his new role in the division's Executive Committee, Whitehead will be responsible for driving operational per-



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Engine Leasing Seminar

September 17, 2019 – Holiday Inn Kensington High Street, London

Effective Risk Management in Aircraft Leasing & Aviation Finance

September 18, 2019 – Holiday Inn Kensington High Street, London

Aircraft Economic Life Summit

November 18, 2019 – Gibson Hotel, Dublin, Ireland

Click here for more aviation events

INDUSTRY PEOPLE

formance, ensuring program and project management excellence across the division and establishing a robust focus on efficiency improvement.



Jean-Pierre Tabet

• Munich Airport US Holding, the U.S.-based 100% subsidiary of Munich Airport International (MAI) for business in the United States and Canada, has appointed **Jean-Pierre Tabet** as the company's Managing Director as of August 1, 2019. In his new role he will coordinate and manage all shared service support to the US Holding's subsidiaries. Additionally, Tabet will act as head of marketing for Munich Airport International in North America including the identification and analysis of opportunities and potential partnerships. Tabet has a longstanding and broad career in the aviation sector. During the past 22 years at Fraport, he was amongst other positions deployed as Chief Commercial Officer at Cairo Airport and as Managing Director at King Khaled International Airport in Riyadh. Up until now, he served as Vice President Business Development at Fraport USA.



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	DVB Bank	CFM56-5B6	3346	2007	Q1/2020	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
A320-200	ORIX Aviation	V2527-A5	3807	2007	Q1/2020	Lease	Matthew Gialopsos	Matthew.Gialopsos@orix.ie	+353 83 167 2233
A320-200	ORIX Aviation	V2527-A5	4603	2011	Q1/2020	Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
A320-200	ORIX Aviation	CFM56-5B4/3	5213	2012	Q2/2020	Lease	Matthew Gialopsos	Matthew.Gialopsos@orix.ie	+353 83 167 2233
A320-200	TrueAero Asset Management	V2527E-A5	5794		Nov 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	TrueAero Asset Management	V2527E-A5	5531		Oct 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	TrueAero Asset Management	V2527E-A5	5296		Aug 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	TrueAero Asset Management	V2527E-A5	5089		Jun 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-200	TrueAero Asset Management	V2527E-A5	5050		Apr 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A320-232	DVB Bank	V2527-A5	2156	2005	Q1/2020	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
A330-200	DVB Bank	CF6-80E	814	2007	Q2/2020	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
A330-200	GA Telesis	CF6-80E1A4	507	2002	Now	Sale / Lease	Kevin Ford	kford@gatelesis.com	+1-954-676-3111
A330-200	GA Telesis	CF6-80E1A4	510	2002	Now	Sale / Lease	Mauro Francazi	mfrancazi@gatelesis.com	+1-954-676-3111
A330-200	TrueAero Asset Management	CF6-80E1A4/B	882		Apr 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A330-200	TrueAero Asset Management	CF6-80E1A4/B	901		Apr 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A330-200	TrueAero Asset Management	CF6-80E1A4/B	932		May 2020	Lease	Ed Kokoszka	ekokoszka@trueaero.com	+1 772.663.2797
A330-300	DVB Bank	Trent 772B-60	1485	2014	Q1/2020	Sale / Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
A330-300	DVB Bank	Trent 772B-60	1146	2010	soon	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
B737-700	Kellstrom Aerospace	CFM56-7B26	28210	1998	Now	Sale	Michael Garcia	info@kellstromaerospace.com	+1 (847) 233-5800
B737-5H6	Bristol Associates	CFM56-3C1	26445	1992	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B737-800	DVB Bank	CFM56-7B27	28178	1999	Q4/2019	Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
B737-800	ORIX Aviation	CFM56-7B24E	40317	2012	Q4/2019	Lease	Oisin Riordan	oisin.riordan@orix.ie	+353 86 335 0004
B737-800	ORIX Aviation	CFM56-7B24	33641	2007	Q2/2020	Lease	Matthew Gialopsos	Matthew.Gialopsos@orix.ie	+353 83 167 2233
B737-800	GA Telesis	CFM56-7B	33813	2004	Now	Sale / Lease	Priscilla Ang	pang@gatelesis.com	+1-954-676-3111
B737-800	GA Telesis	CFM56-7B	33814	2004	Now	Sale / Lease	Mauro Francazi	mfrancazi@gatelesis.com	+1-954-676-3111
B737-800	Willis Lease				soon	Sale / Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775
B747-400	Bristol Associates		28812	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B747-400	Bristol Associates		30023	2000	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-223 (7x)	Jetran	RB211-535E4B	various	91/92	Now	Lease	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
B777-300ER	DVB Bank	GE90-115b	35161	2008	Q3/2019	Sale / Lease	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
(2) B787-800					soon	Sale / Lease	Nick Pittler	willisassetsales@willislease.com	+1 (415) 408-4775

Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-200LR	Regional One	CF34-3B1	8062	2006	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
CRJ-700	Regional One	CF34-8C5B1	10205	2005	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
Dash 8 Q400	DVB Bank	PW150A	4160	2007	Now	Sale	Jonathan Louch	Jonathan.louch@dvbbank.com	+44 207 256 4449
D0328 Jet	Regional One	PW306B	3185	2001	Jul 2019	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
Do328-100	Jetran	PW119B	3049	1996	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
Do328-110	Jetran	PW119B	3024	1994	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
Do328-110	Jetran	PW119B	3034	1995	Now	Sale	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
ERJ-170LR	AerFin	CF34-8E	1700123		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-170LR	AerFin	CF34-8E	1700119		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-170LR	AerFin	CF34-8E	1700124		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581

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THE AIRCRAFT AND ENGINE MARKETPLACE

Regional Jet / Turboprop Aircraft (cont.)

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
ERJ-170LR	AerFin	CF34-8E	1700142		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-170LR	AerFin	CF34-8E	1700152		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-170LR	AerFin	CF34-8E	1700155		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-145LR	Regional One	AE3007A1	145304	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
ERJ-145LR	Regional One	AE3007A1	145331	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164

Commercial Engines

Multiple Types	Sale / Lease	Company	Contact	Email	Phone
Multiple Engines GE / CFM / RB211	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
AE3007 Engines	Sale / Lease	Company	Contact	Email	Phone
(3) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
(1) AE3007A1	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
CF34 Engines	Sale / Lease	Company	Contact	Email	Phone
CF34-8E5	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
CF34-10E	Now - Lease				
CF34-8C	Now - Lease				
CF34-3B1	Now - Lease				
CF34-3A	Now - Sale / Lease				
(2) CF34-8C5B1	Now - Sale / Lease	Regional One	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
(1) CF34-3B1	Now - Sale / Lease				
(2) CF34-10E	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(2) CF34-10E7	Now - Sale/Lease/Exch.	Werner Aero	Cliff Topham	ctopham@werner aero.com	+1-703-402-7430
(multiple) CF34-8E5	Now - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 7930463293
(1) CF34-8E5A1	Now - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204x202
(1) CF34-8C5B1	Now - Lease				
(1) CFM34-8C5A1	Aug 2019 - Lease				
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CF6-80C2B6F	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
(1) CF6-80C2B1F	Now - Sale / Lease				
(1) CF6-80C2B7F	Aug 2019 - Sale / Lease				
(1) CF6-80C2B1F	Jul 2019 - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
CFM Engines	Sale / Lease	Company	Contact	Email	Phone
(2) CFM56-5B	Q3/2019 - Sale / Lease	Contrail Aviation	Kevin Milligan	kevin@contrail.com	+1 949-933-0797
(1) CFM56-5B4/3	Sep 19 - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(1) CFM56-7B24	Aug 19 - Lease				



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THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-5B3/3	Now - Lease	Rolls-Royce & Partners Finance	Charlie Ferguson	charlie.ferguson@rolls-royce.com	+44-(0)7772224895
(2) CFM56-7B27	Now - Lease	CFM Materials	Jimmy Hill	jimmy.hill@cfmmaterials.com	+1-214-988-6670
(1) CFM56-7B26	Now - Lease				
(1) CFM56-7B27	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
(2) CFM56-5B4/P	Now 2019 - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
(1) CFM56-5B	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werner aero.com	+1-703-402-7430
(1) CFM56-7B	Now - Sale/Lease/Exch.				
(2) CFM56-7B26/27	Now - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
JT8D and JT9D Engines	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-217C	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azures.com	1-954-249-7935
(1) JT8D-219	Now - Sale / Lease	LCHAerospace	Carlos Miranda	cmiranda@chaerospace.com	+1 954-644-9617
GE90 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) GE90-115	Now - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
GENx Engines	Sale / Lease	Company	Contact	Email	Phone
(2) GENx1B74/75 Propulsor	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
LEAP Engines	Sale / Lease	Company	Contact	Email	Phone
(2) LEAP-1B28	Now - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(1) LEAP-1A33	Aug 19 - Lease				
(1) LEAP1A-32	Now - Lease	Rolls-Royce & Partners Finance	Charlie Ferguson	charlie.ferguson@rolls-royce.com	+44-(0)7772224895
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW121	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(2) PW123B/E	Now - Sale / Lease				
(1) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Aug 2019 - Sale / Lease				
(3) PW123	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	leasing@willislease.com	+1 415 516 4837
(1) PW127	Now - Sale/Lease/Exch.				
(1) PW127F	Now - Sale/Lease/Exch.				
(1) PW150A	Now - Sale/Lease/Exch.				
(4) PW127M	Aug 19 - Sale/Lease/Exch.				
(1) PW120A	Now - Sale / Lease	Regional One	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
(1) PW120	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW123E	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(4) PW126	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) PW121	Now - Sale/Lease/Exch.		Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
PW119B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW119B	Now - Lease				
PW120A	Now - Lease				
PW121 (ATR)	Now - Lease				
PW124B	Now - Lease				
PW123B	Now - Lease				
PW125B	Now - Lease				
PW127F	Now - Lease				
PW150A	Now - Lease				
PW127M	Now - Lease				
PW150A RGB	Now - Lease				
(1) PW124B	Now - Sale/Lease/Exch.	Logix Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
(2) PW127E/F			Remi Kryns	rkryns@logix.aero	+33.6.2079.1039
(4) PW127M					
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610

THE AIRCRAFT AND ENGINE MARKETPLACE

Commercial Engines (cont.)

PW4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW4056-3	Now - Sale/Lease	Jet Midwest	Kevin Lee	engines@jetmidwest.com	+1-310-652-0296
RB211 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) RB211-535	Now - Sale / Lease	Jet Midwest	Dave Williams	dave.williams@jetmidwest.com	+1-817-791-4930
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(1) Trent 772B	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) V2533-A5	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Ben Ferguson	Benjamin.ferguson@rolls-royce.com	+44 7807 969 372
(1) V2533-A5	Sep 19 - Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
(1) V2527-A5	Now - Sale / Lease	GA Telesis	Eddo Wiejer	ewiejer@gatelesis.com	+1-954-676-3111
(2) V2527-A5	Aug 2019 - Sale / Lease				
(2) V2500-A5	Now - Sale / Lease	Contrail Aviation	Kevin Milligan	kevin@contrail.com	+1 949-933-0797
(1) V2533-A5	Now - Lease	TrueAero Asset Management	Ed Kokoszka	ekokoszka@trueaero.com	+1 772 925 8032
(1) V2527-A5	Now - Lease				
(1) V2533-A5	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werneraero.com	+1-703-402-7430

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(1) A320-200 Landing Gear	Now - Sale/Lease/Exch.	TrueAero, LLC	Matt Parker	mparker@trueaero.com	+1 469-607-6110
A340-300/A330 Landing Gear	Now - Sale/Lease/Exch.				
A340-600 Landing Gear	Now - Sale/Lease/Exch.				
B777-200 Landing Gear	Now - Sale/Lease/Exch.				
Trent 552 Inlet Cows & Fan Cows	Now - Sale/Lease/Exch.				
Trent 892 Inlet Cows and Fan Cows	Now - Sale/Lease/Exch.				
CFM56-5B Inlet Cows and Fan Cows	Now - Sale/Lease/Exch.				
V2500-A5 Inlet Cows & Fan Cows	Now - Sale/Lease/Exch.				
CF6-80E Trust Reversers, Inlets & Fan Cows	Now - Sale/Lease/Exch.				
APUs (2) APS2300	Now - Sale/Lease/Exch.				
APUs (2) GTCP331-500B, (1) APS3200	Now - Sale/Lease/Exch.				
Neutral CFM56-7B QEC Kit	Q4/2019 - Sale	CFM Materials	Michael Arellano	Michael.Arellano@cfmmaterials.com	+1-214-988-6676
767-300ER 413K, 737-300 LANDING GEAR	Now - Sale/Lease/Exch.	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
GTCP36-300A, GTCP85-98DHF APU	Now - Sale/Lease/Exch.				
A320 Nose Landing Gear	Now - Sale/Lease/Exch.				
CFM56-3 LPT MODULE, REPAIRED	Now - Sale/Lease/Exch.				
CFM56-3 ENGINE STAND	Now - Lease				
(1) GTCP36-150RJ, (2) GTCP36-100M,	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 (786)-623-3936
(1) RE220RJ, (1) PW126 RGB, (1) PW901A					
(1) APS1000-C12, (1) APS1000-C3					
GTCP131-9A (2), GTCP131-9B(2)	Now - Lease	REVIMA APU	Olivier Hy	olivier.hy@revima-apu.com	+33(0)235563515
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) PW901A APU	Now - Sale	Royal Aero	Gary MacLeod	gary@royalaero.com	+44 (0)141 389 3014
Neutral V2500-A5 QEC Kits (2) 745K9001-64	Q3+Q4/2019 - Sale	ASI Aero	Dean Morgan	deanm@asiaero.net	+1 561-771-4253
(1) GTCP131-9B	Now - Sale / Lease	DASI	Chris Glascock	Chris.Glascock@dasi.com	+1 954-801-3592
(multiple) APS2300, (1) GTCP331-350C	Now - Sale / Lease	AirFin	Nick Filce	Nick.Filce@aerfin.com	+44 7770 618 791
(1) GTCP36-300A, (1) GTCP131-9A					
GTCP131-9A, GTCP131-9B, GTCP331-350C	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
GTCP331-500B, GTCP331-200/250,			Rich Lewsley	rlsley@logix.aero	+1 602 517 8210
APS3200, APS2300, GTCP85-129H					
(1) APU GTCP331-500, (1) APU GTCP131-9A	Now - Sale / Lease	Willis Lease	Jennifer Merriam	leasing@willislease.com	+1 (415) 408 4742
Engine stands now available	Now - Lease				
ENGINE STANDS: Trent 800, PW4000 112"/V2500		National Aero Stands		support@stands.aero	+ 1 305-558-8973
/ CFM56/ PW2000 & Bootstrap kits					
GTCP131-9A, GTCP 131-9B	Now - Sale / Lease	Werner Aero Services	Julien Levy	jlevy@Werneraero.com	+1 201-674-9999
737-800 Winglets	Now - Sale / Lease				
737-700 & 737-800 Landing Gear	Now - Sale / Lease				
(3) APS 2300	Now - Sale/Lease/Exch.		Mike Cazaz	mike@werneraero.com	+1 201-661-6804
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368