

## WORLD NEWS

### TAAG Angola renews freighter lease

Network Airline Management and TAAG Angola Airlines—the national airline of Angola—have renewed their long-term freighter aircraft contract. The Boeing 747-400F factory-built freighter with nose door—operated by Network Airline Management—carries up to 120,000 kilos of oil-related and general cargo and continues its weekly scheduled service from Liege, Belgium, to Luanda the capital of Angola.

### Emirates to launch a daily service to Edinburgh

Emirates has announced it will start a daily service between Scotland's capital city, Edinburgh, and Dubai, from 1 October 2018. Edinburgh will become Emirates' second destination in Scotland after Glasgow and its 8th in the United Kingdom after the airline starts its daily service to London Stansted in June. The new service will be operated by an Emirates Boeing 777-300ER in a three-class cabin configuration.

### Westjet unveils Dreamliner to the world

WestJet has unveiled its new Boeing 787-9 Dreamliner livery, logo and cabin interior including the airline's first-ever business class cabin. The reveal is part of WestJet's lead-up to the arrival of its Boeing 787-9 Dreamliners in early 2019. "The introduction of Boeing's 787-9 Dreamliner, a state-of-the-art aircraft, is the dawn of a new era for WestJet and the next step in our transformation to a global network airline," said Ed Sims, WestJet President and CEO. WestJet has firm orders of 10 Boeing 787-9 Dreamliner aircraft and options for another 10, all of which will feature the new livery, logo and interior.



BA will reintroduce services direct from London.

Photo: BA

## British Airways turns up SA routes

With the addition of Durban

British Airways (BA) is strengthening its presence in the South African market with the start of a new direct link to the coastal city of Durban.

From October 29, the service will be the only non-stop link between Europe and Durban and flights will be operated by the airline's newest fleet of aircraft, the Boeing 787-8. The timetable will have a morning arrival into Durban and an evening arrival into Heathrow. The new route comes as British Airways rolls out a £4.5 billion, five-year customer investment plan, with a focus on excellence in the premium cabins and more choice and quality for all its customers.

Durban is a year-round destination, with sultry summers and mild, dry winters. It has long been a favourite holiday playground for South Afri-

destination. It is a gateway to many nature reserves, parks and historic sites, and has a thriving food, drink and art scene; defining the city as a must-visit for culture and adventure.

**"... the new route will secure another important link between the UK and the region."**

*Alex Cruz, British Airways' Chairman*

cans but will soon be easier than ever for international visitors to enjoy too.

Alex Cruz, British Airways' Chairman and CEO, said: "Durban's warm water, hot summers and laid-back beachy atmosphere make this coastal city the perfect holiday

"Durban is also home to the busiest port in South Africa and is a large manufacturing hub, so the new route will secure another important link between the UK and the region that will be a welcome addition for business travellers."

Sihle Zikalala, Minister for the Department of Economic Development, Tourism and Environmental Affairs, said: "We are proud to be

*Continued on page 3*

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able to showcase the city of Durban to the world through this new British Airways direct flight, the sheer diversity in travel and business opportunities that visitors can access through this gateway into the province of KwaZulu-Natal will unlock enormous potential.

“Great Britain and KwaZulu-Natal share a very rich history, and we are excited to be able to rekindle that relationship with the launch of this new route. The investment and trade opportunities presented by this direct flight between Durban and London will undoubtedly add value to our economy.”

BA’s growth in the South African market comes at a time when home-based carrier South African Airways (SAA) began cutting capacity on European routes. BA’s strength in the market is further ramped up by a long-standing franchise partnership with Comair who fly direct from Johannesburg and Cape Town to Durban and six other destinations across South Africa, Sub-Saharan Africa and the Indian Ocean Islands.



Cruz- Durban will be a welcome addition for business travellers.

Photo: BA

**AIRCRAFT & ENGINE NEWS**

**Angolan Consortium signs firm purchase agreement for six Bombardier Q400s**

Bombardier Commercial Aircraft has signed a firm purchase agreement for six new Q400 aircraft with African Aero Trading on behalf of the consortium forming Air Connection Express, Transportes Aereos S.A, based in Luanda, Republic of Angola. The airline will operate the Q400 domestically to connect smaller communities and increase frequencies as a regional feeder airline to TAAG Angola Airlines – flag carrier of the Republic of Angola. Based on the list price of the Q400 aircraft, the firm order is valued at approximately US\$198m.

**AviaAM Leasing leases two Airbus A321s to Avion Express**

AviaAM Leasing, a WSE listed global aviation holding company engaged in commercial aircraft acquisition, leasing and sales, has deliv-

**Orders and deliveries – Boeing and Airbus**

Airbus v Boeing: Orders and Deliveries					
April 2018 YTD					
	Airbus		Boeing		
Type	Orders	Deliveries	Type	Orders	Deliveries
A320 Family	99	131	737	171	166
A330	-5	0	747	14	2
A340	0	12	767	7	5
A350	-22	25	777	5	13
A380	14	4	787	71	42
<b>Total</b>	<b>86</b>	<b>172</b>	<b>Total</b>	<b>268</b>	<b>228</b>

Source: Airbus

Source: Boeing

Airbus booked orders for a total of 68 A320 and A330 family jetliners in April while making 51 deliveries from across its commercial aircraft product lines. During the month, customers for A320neo-series jetliners reached the 100 mark, and three additional airlines joined the list of carriers operating A320 Family aircraft in the NEO version.

In April, Boeing generated orders for 78 aircraft split between 787s and 737 MAXs. Deliveries reached 44 aircraft for the month.



**AIRCRAFT & ENGINE NEWS**

ered two Airbus A321-211s to ACMI operator Avion Express. The aircraft were delivered separately to the client at Kaunas, Lithuania on May 6 and May 7. Both aircraft are joining Avion Express's fleet under a six-year operating lease agreement. Both aircraft were built in 2007 and are powered by CFM56-5B 3/P engines. Prior to the delivery, AviaAM Leasing, together with its MRO partner FL Technics, conducted a comprehensive set of works, including reconfiguration into 220 Y, A-check and C-check before the transfer to the operator. Both Airbus A321-211s, fully configured according to the ACMI carrier's requirements, were delivered to Avion Express ready for operations dedicated to Thomas Cook Airlines. As of now, Avion Express will operate 18 aircraft, including these two A321s.

**MRO & PRODUCTION NEWS**

**Spanish Plus Ultra Líneas Aéreas entrusts CAMO and OASES support to FL Technics**

FL Technics, a global provider of integrated aircraft maintenance, repair and overhaul services, has completed a CAMO audit and OASES integration project for Spanish long-haul carrier Plus Ultra Líneas Aéreas. The airline entrusted FL Technics with the Airbus A340 fleet's airworthiness data check, smooth CAMO software integration and training of its engineering team. Plus, Ultra Líneas Aéreas has decided to integrate the continuing airworthiness management system OASES for three long-range, wide-body Airbus A340s. The aim of innovating the carrier's CAMO processes is to centralize all data in one, cloud-based place, improve maintenance planning and optimize both time and financial costs related to scheduled and unscheduled MRO works. Following the audit and update of the airline's CAMO documentation, as well as its

**Lufthansa Group continues to invest in fleet modernization with order for 16 additional aircraft**



Lufthansa orders 16 new aircraft, two 777-300ER for SWISS

Photo: Lufthansa

The Supervisory Board of Deutsche Lufthansa AG has approved the order of up to 16 additional aircraft in a meeting on May 7. The list price of the aircraft is approximately €2.1bn (US\$2.5bn). Delivery is scheduled to take place in stages until 2022. The investment plan for the 2018 fiscal year remains unchanged. The order includes two Boeing 777-300ER long-haul aircraft for SWISS, which are expected to supplement the existing SWISS fleet beginning in early 2020 and will be used to expand the route network. An additional two Boeing 777Fs will be ordered for Lufthansa Cargo. The modern freight aircraft will replace MD11 cargo planes in the future. This will decrease fuel consumption, noise emissions and unit costs at the same time. The investment in fleet expansion at SWISS and a more modern cargo fleet reflect the economic success of the two companies. In the first quarter, traditionally a weak quarter for airlines, SWISS had a profit margin of over nine percent; Lufthansa Cargo's was over ten percent. The order for the new long-haul aircraft highlights the strategy of Lufthansa Group to predominantly allocate the growth within its multi-hub system where cost and quality offer the best conditions for profitable investments. The Supervisory Board has also approved the order of up to twelve short- and medium-haul A320-type aircraft. This includes six delivery options for aircraft of the Airbus A320neo (new engine option) type in 2022 that were converted to fixed orders. When they are delivered, they will replace older aircraft in the flight operations of the Lufthansa Group. Depending on availability, up to six additional A320ceos (current engine option) will be ordered.

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integration into OASES, FL Technics engineers have conducted a specialized training for their colleagues at Plus Ultra Líneas Aéreas. The training has enabled the carrier's team to update and otherwise interact with OASES software on a daily basis.

**AJW Group extends PBH contract with Air Incheon**

AJW Group has extended its power-by-the-hour (PBH) agreement with Incheon-headquartered cargo transport specialist, Air Incheon. The contract has been extended for several years and covers Air Incheon's fleet of Boeing 737 aircraft, as well as their newly acquired Boeing 767s, which are expected to enter service later this year. AJW will manage the complete supply, repair and overhaul of Air Incheon's rotatable components and support the cargo transport specialist with optimized inventory management utilizing global stock locations. Air Incheon, based at Incheon International Airport, operates five scheduled cargo routes throughout China, Japan, Russia, Mongolia and South Korea. With the introduction of B767 freighter aircraft, Air Incheon will launch a new route from Incheon to Hanoi six times per week.

**Philippine Airlines selects HAECO ITM for V2533 engine component support**

HAECO ITM, a member of the HAECO Group, has entered into a long-term agreement with Philippine Airlines to provide engine component support. The scope of the agreement includes access to HAECO ITM's component pool, component exchange, component repair management, component engineering and aircraft-on-ground (AOG) support for PAL's International Aero Engines IAE V2533 engines on its Airbus A321 fleet. With HAECO ITM's expertise in component engineering and provisioning of spares with guaranteed service levels, PAL will benefit from high component

**Magnetic MRO receives heavy maintenance contract from Austrian Airlines**



Austrian Airlines at Magnetic MRO

Photo: Magnetic MRO

Austrian Airlines has granted Magnetic MRO with heavy maintenance contract for the 2019/2020 winter season, booking three-quarters of all available maintenance slots in Tallinn, Estonia. Under the new agreement, Magnetic MRO will continue to provide the Austrian flag carrier with reliable services for their Airbus A320 family fleet. Markus Besta, Austrian Airlines' Head of MRO Management stated that: "Due to proven reliability and infallible quality that Magnetic MRO has been demonstrating for more than ten years of serving Austrian aircraft, we have confidently decided to proceed with them for the upcoming seasons as well."

reliability and operational efficiency.

**AES Global receives EASA STC for Transmitting Portable Electronic Devices**

Aerospace Engineering Solutions (AES Global),

a U.K.-based aerospace design and certification organization, has obtained a new EASA Supplemental Type Certificate to allow the use of Transmitting Portable Electronic Devices (T-PED) on all Boeing 777 aircraft models. Following an intense certification effort, AES Global has developed this STC for the operator to

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ensure their fleet of aircraft is capable of using portable electronic devices safely and securely in all phases of flight. This EASA STC (No 10065407) can be used by an operator as evidence to meet the operational requirements of AMC1 CAT.GEN.MPA.140 (Reg (EU) No 965/2012; Part-CAT) and AMC1 NCC.GEN.130 (Reg (EU) No 965/2012; Part-NCC) for portable electronic devices operating in the 2.4GHz and 5GHz frequency band. It can also be used in combination with a Wi-Fi system activation to allow full use of T-PED's.

**RBR Maintenance moves growing Challenger maintenance program to Dallas Executive Airport (KRBD)**

RBR Maintenance, a Part 145 Repair Station based at Dallas Love Field, will relocate its Challenger maintenance program to nearby Dallas Executive Airport (KRBD) to better accommodate rapid growth the program has been experiencing. The new location will occupy an 18,000 ft<sup>2</sup> maintenance hangar (150 ft x 120 ft) alongside Ambassador Jet Center complete with pilot's lounge, large conference facilities and a staffed reception area. RBR's Challenger program, led by Program Manager Paul Castleberry, includes FAA-certified and trained teams dedicated to both scheduled and unscheduled maintenance events, engine, APU and general airframe maintenance support on Challenger 601, 604 and 605 aircraft. Inspection capabilities include 12, 24, 36, 48, 96, & 144-month inspections as well as 600, 1,200, 2,400 and 3,000-hour inspections. Additionally, the location will have avionics service and installation capabilities onsite.

**FINANCIAL NEWS**

**Aircastle posts first-quarter 2018 net income of US\$57.5m**

Aircastle has reported that net income for this quarter was US\$57.5m, an increase of US\$15.1m, or 36%, versus the prior year. Lower total revenues of US\$2.4m were offset by interest expense of US\$6.0m, lower depreciation of US\$4.2m and a mark to market benefit from interest rate hedging of US\$3.2m. Total revenues were US\$202.7m, a decrease of US\$2.4m or 1.1%, from the previous year. The decrease was driven by a US\$7.7m decline in lease rental and finance and sales-type lease revenues, partially offset by a \$5.0 million increase in the gain on the sale of flight equipment. Rental revenues were lower, primarily due to the impact of wide-body lease transitions and extensions which occurred during the fourth quarter of 2017 at lower lease rates. Adjusted EBITDA for the first quarter was US\$191.1m, a decrease of US\$2.2m, or 1.2%, from the first quarter of 2017, due primarily to lower rental revenues, partially offset by higher gains from aircraft sales. We sold four aircraft for a gain on sale of \$5.8 million during the first quarter of 2018 versus one aircraft sale that was closed during the first quarter of 2017. During the first quarter 2018, Aircastle acquired four aircraft for US\$111m and had commitments to acquire twelve additional aircraft in 2018 for more than US\$490m. These sixteen aircraft have a weighted average age of 4.7 years and a weighted average remaining lease term of 5.6 years. All the aircraft that the company has acquired or has committed to acquire this year are narrow-body types. As of March 31, 2018, Air-

castle owned 222 aircraft having a net book value of US\$6.7bn. The company also manage twelve aircraft with a net book value of US\$634m on behalf of its joint ventures.

**Safran reports strong first-quarter results**

Safran has reported adjusted revenue in the first-quarter of 2018 at €4,222m, an increase of 12.0% on a reported basis. At constant scope (excluding the contribution from Zodiac Aerospace), adjusted revenue grew 2.3%, including €-295m negative currency impact. Adjusted revenue increased 10.2% organically, thanks to positive momentum in Propulsion, Aircraft Equipment and Defense. Civil aftermarket grew 16.4% in USD terms, driven by spare parts sales. Considering the strong seasonal increase in revenue recognition for service contracts, Safran confirmed its annual assumption for civil aftermarket activities will grow in the high single digits in 2018. Combined shipments of CFM engines (LEAP and CFM56) continued to increase in Q1 2018: 498 units were delivered compared with 426 in the year-ago period. Customer demand remains strong: 827 LEAP orders and commitments were taken in Q1 2018. The LEAP backlog amounted to 14,278 engines. The combined backlog for the two engine programs (CFM56 and LEAP) amounted to 15,090 engines at March 31, 2018.

**WestJet reports first-quarter net earnings of CA\$37.2m, down 22%**

WestJet has posted its first-quarter results for 2018, with net earnings of CA\$37.2m, compared to CA\$46.7m the previous year,



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down 22%. WestJet achieved its 52nd consecutive quarter of profitability and flew an all-time quarterly record of 6.1 million guests. Based on the trailing twelve months, the airline achieved a return on invested capital of 9.5%, down from to 10.1% in the first quarter of 2017. Despite a challenging winter 2018, WestJet successfully achieved record load factors and increased revenue by 6.9% on a capacity increase of 4.3%. (USD\$1.00 = CA\$1.28 at time of publication.)

**Leonardo’s first-quarter 2018 revenues up 4%**

Leonardo Helicopters has released that new orders for the first-quarter 2018 amounted to €2,164m, showing a decline of 18.2%, mainly due to major contracts booked in 2017 in Aeronautics for activities in support to the EFA aircraft fleet for the period from 2017 to 2021. The order backlog amounted to €33,360m compared to €33,637m at 31 December 2017. Revenues increased 3.8%, to €2,451m compared to the previous year, mainly due to the growth reported in helicopters, which had been affected by a lower number of deliveries in 2017 made in the civil segment. EBITA amounted to €153m, compared to €155m in the first quarter of 2017 and EBIT was €121m, compared to €123m in the first quarter 2017. The first quarter net result before extraordinary transactions amounted to €50m, compared to €49m in 2017. Net result was €50m, equal to the net result before extraordinary transactions on account of the absence of extraordinary transactions. Free Operating Cash Flow (FOCF) amounted to a negative -€1,057m, in line with the Group’s seasonal trend to record considerable cash outflows during the first quarters, while the value for the first quarter of 2017 had benefitted from the substantial contribution from the EFA Kuwait contract, as a result of the collection of the second advance payment during the quarter. Group Net Debt amounted to €3,595m mainly as a result of cash outflows for the period. (€1.00 = US\$1.19 at time of publication.)

**European Commission gives green light to UTC acquisition of Rockwell Collins**

Under the EU Merger Regulation, the European Commission has approved the acquisition of Rockwell Collins by United Technologies Corporation (UTC) subject to UTC’s

**Fraport’s international business sees strong revenue growth**



Frankfurt Airport

Photo: Fraport

The Fraport Group saw revenue and earnings figures increase significantly during the first quarter of business year 2018 (ending March 31). Supported by strong passenger growth at Frankfurt Airport (FRA) and most of the airports in Fraport’s international portfolio, Group revenue advanced by 15.0% to €681.7m. Major revenue contributions came from Fraport Greece (€44.3m) and Fraport Brasil (€30.8m) – following the startup of Fraport’s operations at Fortaleza (FOR) and Porto Alegre (POA) on January 2. At FRA, higher income from airport charges, security services and parking contributed to the Group’s revenue growth. Fraport AG’s executive board chairman, Dr. Stefan Schulte, said: “The upward trend from the previous year has continued unabated, both at our international Group companies and at Frankfurt Airport. At our Frankfurt home base, we are working at full speed to meet future growth which is being spurred mainly by the positive development of network airlines. Therefore, we are pushing forward with the construction of our new Terminal 3 and will be realizing Pier G earlier than scheduled. At the same time, we are continuing to invest in the infrastructure and processes of our two existing terminals.” Group EBITDA (earnings before interest, taxes, depreciation, and amortization) increased by 27.2% to €174.7m, with the Group companies in Fortaleza and Porto Alegre contributing €9.2m. Despite higher depreciation and amortization in the amount of €10.2m – mainly in connection with Fraport Greece – Group EBIT reached €82.3m (up 49.4%). The negative financial result continued to decline noticeably, from minus €29.2m to minus €56.1m. This was largely attributable to higher interest expenses both at Fraport Greece (up €18.2m) and the Group companies in Fortaleza and Porto Alegre (up €3.1m). Correspondingly, Group EBT expanded only slightly by 1.2% to €26.2m. The Group result (net profit) rose by 4.3% to €19.6m, stimulated by slightly lower taxes on income. Operating cash flow noticeably slipped by 36.1% to €80.5m in the first three months of 2018, attributable to reporting date-related changes in working capital. With minus €66.9m, free cash flow clearly fell into negative territory, as a result of higher investments at FRA and the Group companies in Fortaleza and Porto Alegre, as well as Fraport Greece (Q1 2017: €54.0m). Jumping by 10.0% to 14.4 million passengers, traffic at Frankfurt Airport continued to gain momentum during the first quarter of 2018. Most of the Fraport Group’s international airports also reported significant and partly double-digit growth rates. In particular, Antalya Airport (AYT) in Turkey continued to rebound strongly compared to the first quarter of 2017. Only the Greek regional airports registered a slight decline in accumulated passenger numbers (down 2.1%), due mainly to the runway closure at high-traffic Thessaloniki Airport (SKG) for renovation and extension works.

divestment of businesses in actuators, pilot controls, ice protection and oxygen systems. The Commission concluded that the proposed transaction, as modified by the commitments, would no longer raise competition concerns in the European Economic

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Area (EEA). The decision is conditional upon full compliance with the commitments. “When we take a trip on a plane, we usually don’t think about all the different components that go into building the aircraft. UTC and Rockwell Collins are two of the biggest suppliers of these components to aircraft makers worldwide. We need to ensure that competition is preserved for all of them. We can allow this merger to go ahead because in all the markets where we raised concerns, UTC has committed to divest activities covering the entire overlap between the two companies,” said Commissioner Margrethe Vestager, who is in charge of competition policy. Both UTC and Rockwell Collins supply aerospace systems and equipment to aircraft producers such as Airbus and Boeing, manufacturing a wide range of products, with largely complementary portfolios. While UTC focuses more on products such as power generation, propulsion systems and landing systems, Rockwell Collins tends to focus more on avionics and different cabin interior products. UTC, based in the U.S., provides high-technology products and services for the building systems and aerospace industries worldwide. The UTC group comprises the following business units: (i) Otis Elevator Company, (ii) UTC Climate, Controls & Security, (iii) Pratt & Whitney, and (iv) UTC Aerospace Systems.

**Norwegian rejects take-over offer from IAG**

Low-cost carrier Norwegian has released that its Board has rejected two offers from IAG in relation to an acquisition of 100% of the share capital of NAS, stating they undervalued the carrier. When IAG acquired a 4.61% stake in Norwegian last month in order to open negotiations, Norwegian initially made it abundantly clear it had no interest in discussing any takeover. However, subsequent to this, and in a less bullish stance,

**Air France’s shares fall after resignation of CEO Janailac resigns**



Photo: AirTeamImages

With Air France striking for a fourteenth day since this round of strike action began in February, Air France CEO Jean-Marc Janailac has resigned, causing the share price of Air France to plummet. The Group has had trouble with the French unions for a long time. More recently, the pilot’s union SNPL has carried out strikes over job relocations and working conditions, as well as pay. The current strike action is over pay. The unions want an immediate 5.1% raise while management has offered 7% over a four-year period with an immediate 1% raise. Last Friday staff voted on the Air France proposal and 55% voted against the offer. Janailac had previously stated that if he was unable to resolve the strike issue, which currently costs the carrier nearly US\$30 million per day, he would walk away, which he has now done. It is estimated the current strikes will cost the carrier in excess of US\$360 million. In a statement on Sunday, the SNPL union claimed Air France could handle the losses as it was a “perfectly healthy group economically,” and besides, it was the government that was responsible for what was currently happening. The Air France strikes are being seen as an attempt to rail against French president Emmanuel Macron’s attempt to “modernize” the French labor market. While the government holds a 14.3% in Air France, France’s economy minister, Bruno Le Maire, warned that the state could not be relied upon to rescue the airline. He stated that: “Air France will disappear if it does not make the necessary efforts to be competitive,” adding, “We’re minority shareholders ... those that think that whatever happens the state will come to Air France’s rescue and soak up Air France’s losses are mistaken.” On the announcement of Janailac’s resignation, shares in Air France fell by as much as 13%. The price recovered slightly, but still remained 11.6% down on Monday.



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Norwegian appointed advisers to evaluate the approaches made by IAG.

**AviaAM Leasing buys new headquarter building in Cyprus for €4.3m**

AviaAM Leasing has obtained a new HQ building in Limassol, Cyprus. While already managing subsidiaries in Ireland, Lithuania, Cyprus, and China, the company has invested €4.3m (US\$5.1m) in this new office building. “The estate, located on the main street of Limassol, will represent our Lithuanian-founded company. We are planning to expand our activities in Cyprus. A beneficial taxation system, clear and simple laws, and a well-developed banking infrastructure draw many international companies from all

over the world. The main goal of our future work is related to the Asia region, and Cyprus provides us with a great coordination location for that work.” said Tadas Goberis, CEO and Head of the Board of AviaAM Leasing. The office building has six stories and it is planned to host approximately 400 employees.

**Willis Lease Finance reports first-quarter pretax profit of US\$9.6m**

Willis Lease Finance has reported a pre-tax profit of US\$9.6m in the first quarter of 2018. The Company achieved record quarterly lease rent revenue of US\$39.6m in the period, driven by 86% average utilization of a portfolio that grew 9.2% to US\$1.466bn at quarter-end compared to \$1.343 billion at December 31, 2017. Aggregate lease rent and maintenance reserve revenues were US\$55.1m for the first-quarter 2018. Dilut-

ed weighted average earnings per common share were US\$1.00 for the three months ended March 31, 2018. “We have continued to maintain strong lease engine utilization while growing the portfolio with the purchase of modern new engines,” said Charles F. Willis, Chairman and CEO. “We plan to maintain strong utilization while growing not only the lease engine portfolio but also our surplus material, asset management and consultancy businesses.”

**US\$15.5bn profit for major American carriers in 2017**

The U.S. Bureau of Transportation Statistics has revealed that the 23 largest American carriers made a combined profit of US\$15.5 billion last year, resulting in an after-tax profit being recorded for the fifth year in succession. This shows that the strong re-



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bound from the previous ten years of losses continues. However, the airline industry has played down the actual level of profit, crediting a part of it to the tax overhaul legislation adopted last year by federal lawmakers. Additionally, fuel and labor costs rose by US\$7bn compared to 2016. Alison McAfee, a spokesperson for Airlines for America (A4A), the trade group representing the country's biggest carriers, commented that a profitable airline industry is good news for passengers. "Airline profitability benefits customers as airlines are strong, able to compete and reinvest in their business with new planes, products and destinations, including expanded service to small communities and internationally, which in turn creates jobs," adding that America's airline industry was boosted by 450 new planes last year. In addition to basic flight ticket revenue, airlines took US\$4.6 billion from baggage fees and US\$2.9 billion from reservation change fees, while these figures do not include additional revenue generated from food, drinks, transportation of animals, etc.



American Airlines at Václav Havel Airport Prague (PRG)

Photo: American

**American Airlines** brings the Czech Republic and the USA one step closer, by launching direct service between **Václav Havel Airport Prague (PRG)** and **Philadelphia International Airport (PHL)**. Flights are operated using Boeing 767-300 aircraft, providing more than 2,800 seats per week between the two cities, every day throughout the summer season. "Prague is a vibrant new addition to American's international network and we are pleased to offer Czech travelers more choice and more connections for transatlantic travel," said Richard Muise, Director for Europe & Canada operations. "If Philadelphia is their final destination, Czechs will be able to explore all of the history, shopping and culture the "City of Brotherly Love" has to offer."

OTHER NEWS

**Invercargill Airport** will be the first airport in New Zealand to have its air traffic control tower replaced with a digital system operated from a remote location. **Air Navigation Services Provider Airways (ANSPA)** today issued a Request for Proposal (RFP) seeking a supplier of digital tower technology for Invercargill. ANSPA is looking to the technology as a national alternative to bricks and mortar towers that would provide greater aviation safety, resilience and the option to provide extended levels of services to New Zealand's regions. The RFP also signals ANSPA's intention to implement a digital tower at Auckland International Airport as a

back-up to its existing tower by 2020, and a full replacement in the future. Digital tower technology allows air traffic controllers to direct traffic from a remote location watching live footage of the airfield from high-definition video cameras. The vision is enhanced by surveillance sensors, flight data and augmented reality overlays, providing controllers with a panoramic view of the airfield in more detail than is possible with the human eye. Expected to go live in 2020 following operational tests, Invercargill's digital tower will operate first from a building on the airfield before moving off-site in the future to a centralized hub providing servic-

es for a number of regional locations. ANSPA conducted a demonstration of digital tower technology at Auckland Airport earlier in the year. Getting the digital system up and running in Invercargill will allow ANSPA to work through the regulatory requirements for a wider roll-out, Airways CEO Graeme Sumner says. "Invercargill is an ideal location for NZ's first digital tower. Traffic levels are low enough compared to an international airport to make implementing a totally new system manageable, but busy enough to give a meaningful demonstration of how this technology will work on a larger scale." Digital towers are being trialed worldwide,



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PASSENGER STATISTICS - APRIL

- **Finnair's** overall capacity increased by 15.7% in April, while Finnair's traffic grew by 15.4% compared to the previous year. The passenger load factor decreased by 0.2 points to 82.6%.
- **WestJet** has announced April 2018 traffic results with a load factor of 86.0%, an increase of 1.2 points year over year. Traffic increased 2.8% year over year, while capacity grew 1.4% over the same period. WestJet welcomed an additional 100,000 guests in April, a year-over-year increase of 5.1%.
- **United Airlines (UAL)** has reported April 2018 operational results. UAL's April 2018 consolidated traffic increased 5.1% and consolidated capacity increased 6.1% versus April 2017. UAL's April 2018 consolidated load factor decreased 0.8 points to 82.3% compared to April 2017.
- **Norwegian** has reported that total traffic increased by 44% in April 2018, while the capacity increased by 51%. The load factor was 83%, down 3.6 points compared to the same period in 2017. The high-capacity growth is primarily due to the company's long-haul routes, which has more than doubled since April last year.
- **Hawaiian Airlines** has announced its system-wide traffic statistics for the month ended April 30, 2018. Hawaiian welcomed more than 961 thousand guests in April 2018, an increase of 6.3% over the same period last year. Total traffic increased 7.1% on an increase of 7.3% in capacity. Load factor decreased 0.1 points to 85.2%.
- **SAS** has reported that the number of passengers increased by 5.6% to 2.5 million in April 2018. Scheduled traffic decreased 2.2% while capacity increased 1.9% year over year. The load factor decreased by 3.0 points versus last year to 72.7%.

OTHER NEWS

at airports including Changi and London City. They have also permanently replaced traditional towers at a number of airports throughout Europe. However, Invercargill's digital tower will be world leading.

**Turkish Technic** and **Havelsan** will carry out the production of in-flight entertainment systems. This joint venture company will perform activities in the field of in-flight entertainment and internet service provider systems and other software used in civil aviation including design, production, maintenance, repair, marketing, sales and after-sales services in land, sea, rail systems and air platforms. The Company is aiming to provide linefit in-flight entertainment systems as approved supplier for both Turkish Airlines' new-generation aircraft to be delivered between 2022-2023 and other domestic and international airlines' aircraft. In-flight entertainment systems, which play a very important role for long-haul flights and fostering customer satisfaction, will be produced by the company at competitive prices. To be operational at Turkish Technic's Sabiha Gökçen International Airport facilities in 2018, initially the company plans to commercialize its products for domestic airline operators and other operators within its proximity.

**United Airlines** will increase its service between **Houston's George Bush Intercontinental Airport** and **Havana's José Martí International Airport** beginning July 20. Subject to government approval, United will operate the new daily service with either Boeing 737-800 mainline aircraft or Embraer



IATA confirms 22-month low for Air Freight growth

The **International Air Transport Association (IATA)**, which represents some 280 airlines comprising 83% of global air traffic, has released data for global air freight markets revealing that demand, measured in freight tonne kilometers (FTKs), was up 1.7% in March 2018, compared to March 2017. This represents a drop of five percentage points compared to the February result and is also the slowest growth pace for the last 22 months. For the first time in 20 months annual capacity rose faster than demand with a year-on-year increase in capacity, measured in available freight tonne kilometers (AFTK), of 4.4% compared to 6.3% in February. This rapid slowdown in growth is predominantly due to the end of the restocking cycle, when businesses rapidly increased their inventory to meet unexpectedly high demand. According to Alexandre de Juniac, IATA Director General and CEO: "It's normal that growth slows at the end of a restocking cycle. That clearly has happened. Looking ahead we remain optimistic that air cargo demand will grow by 4-5% this year. But there are obviously some headwinds. Oil prices have risen strongly, and economic growth is patchy. The biggest damage could be political. The implementation of protectionist measures would be an own-goal for all involved—especially the US and China." According to IATA, all regions except Latin America reported year-on-year declines in growth in March, with Africa in negative territory.

OTHER NEWS

E175 regional aircraft operated by Mesa Airlines as United Express.

GE Aviation and ARINCdirect have agreed to engage in a collaborative arrangement to provide flight operations quality assurance (FOQA) services based on GE's C-FOQA Centerline™ service. GE and ARINCdirect will collaborate to build data integrations between C-FOQA Centerline and ARINCdirect's existing services, enabling FOQA data to be made available during the flight planning process. In addition, GE Aviation and ARINCdirect anticipate that over a ten-year service period, GE will assist ARINCdirect in the development of additional flight analytics services for their customers. During the first phase of the agreement this summer, ARINCdirect and GE will work together with a group of their joint customers to develop the means to deliver C-FOQA Centerline to ARINCdirect customers through their existing ARINCdirect Flight Planning Portal. The goal of this phase is to enable ARINCdirect customers to access C-FOQA Centerline safety analysis reports and tools through the same web portal and on the same mobile and desktop devices that they already use for all their other ARINCdirect services. GE and ARINCdirect will work collaboratively with their joint customers to create new elements for the C-FOQA Centerline tailored specifically for ARINCdirect and designed to be delivered through the ARINCdirect portal. Once the phase-one development is completed, ARINCdirect will offer C-FOQA Centerline along with ARINCdirect enhancements directly to all their customers. Business jet operators would be able to acquire C-FOQA Centerline service as part of the flight planning and other services directly from ARINCdirect.

INDUSTRY PEOPLE



Max Tidwell

Alaska Air Group's board of directors has named **Max Tidwell** Vice President of Safety and Security for Alaska Air Group and Alaska Airlines. Tidwell will oversee all safety functions, develop and execute long-term safety and security strategies, and continue to advance

Recommended Events

**Technical Aspects of a Leased Asset 2018**  
June 5, 2018 – Jury's Inn Hotel, Prague

**Maintenance Reserves Seminar 2018**  
June 6, 2018 – Jury's Inn Hotel, Prague

**Engine Leasing Seminar**  
September 18, 2018 – Copthorne Tara Hotel, Kensington, London, UK

**Transactional Support & Risk Management Seminar, London**  
September 19, 2018 – Copthorne Tara Hotel, Kensington, London, UK

**Aircraft Economic Life Summit 2018**  
November 20, 2018 – Gibson Hotel, Dublin, Ireland

[Click here for more aviation events](#)

Alaska Airlines' world-class safety culture. Tidwell was most recently the FAA division manager for Air Carrier Safety Assurance with offices in Atlanta and Miami. He has held multiple roles at the FAA over his 22-year career, including manager for Seattle, where he worked with Alaska Airlines.



Chiara Ravara

Ryanair has named **Chiara Ravara** as its new Head of Sales & Marketing, promoting her from her previous role as Senior Sales & Marketing Manager. Chiara has worked at Ryanair since 2014, joining from Aviareps in Italy, and will spearhead Ryanair's Sales & Marketing team and activities across 37 countries in Europe and North Africa.

Dubai Aerospace Enterprise (DAE) has appointed **David Houlihan** to the newly created position of President, DAE Capital. Under Mr. Houlihan's leadership this business line will encompass most of DAE's customer-facing activities. This function will include the areas of Sales, Trading, Technical and the recently launched Aircraft Investor Services.

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editor@avitrader.com

## Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-100	ORIX Aviation	V2522-A5	1604	2001	Q1/2019	Sale	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
A319-100	ORIX Aviation	V2522-A5	1445	2001	Q4/2019	Sale	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
A330-343 (2x)	SkyWorks Leasing	Trent 772B-60	various	2006	Sep 2018	Sale / Lease	Arif Husain	ahusain@skyworksleasing.com	+1 203-376-8164
A340-300	GA Telesis	CFM56-5C4	433	2001	Q1/2018	Sale	Kevin Milligan	kmilligan@gatelesis.com	+1 954-676-3111
A340-300	GA Telesis	CFM56-5C4	541	2003	Q1/2018	Sale	Kevin Milligan	kmilligan@gatelesis.com	+1 954-676-3111
B737-300	Aersale	CFM56-3	27707	1995	Now	Sale / Lease	Craig Wright	craig.wright@aersale.com	+1 305 764 3238
B737-300	Aersale	CFM56-3	27926	1995	Now	Sale / Lease	Craig Wright	craig.wright@aersale.com	+1 305 764 3238
B737-400	Safair Operations	Freighter	East Africa		Now	ACMI only	C. Schoonderwoerd	corneliss@safair.co.za	+27 11 928 0000
B737-400	Aersale	CFM56-3C1	24688	1990	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-5H6	Bristol Associates	CFM56-3C1	26445	1992	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B737-800	ORIX Aviation	CFM56-7B24E	40317	2012	Q4/2019	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
B737-800	ORIX Aviation	CFM56-7B24E	40287	2012	Q1/2019	Sale / Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
B737-800	ORIX Aviation	CFM56-7B26/3	38015	2011	Q1/2019	Sale / Lease	Cian Coakley	Cian.Coakley@orixaviation.hk	+852 9178 8055
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
B747-400	GA Telesis	RB211-524	26637	1992	Now	Sale	Eddo Weijer	eweijer@gatelesis.com	+1 954 676 3111
B747-400	GA Telesis	PW4000	29950	2000	Now	Sale	Stuart Weinroth	sweinroth@gatelesis.com	+1 954 676 3111
B757-223 (7x)	Jetran	RB211-535E4B	various	91/92	Now	Lease	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
B777-200ER	GA Telesis		28999		Now	Sale	Stuart Weinroth	sweinroth@gatelesis.com	+1 954 676 3111
B777-200ER	GA Telesis		28523		Now	Sale	Stuart Weinroth	sweinroth@gatelesis.com	+1 954 676 3111
DC8	Aersale	No engines	46094	1969	Now	Sale	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238

## Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
ATR72-212	C&L Aviation Group	PW127	434	1994	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-951-6259
ATR72-212	C&L Aviation Group	PW127	425	1994	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-951-6259
ATR72-212	C&L Aviation Group	PW127	420	1994	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-951-6259
ATR72-202 Cargo	C&L Aviation Group	PW124B	455	1995	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-951-6259
CRJ-200LR	Regional One	CF34-3B1	7369	2000	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
CRJ-900LR	Regional One	CF34-8C5	15111	2007	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
DASH8-311	Regional One	PW123B	323	1992	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
DASH8-311	Regional One	PW123B	325	1992	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
Do 328-100 (3x)	Jetran	PW119B/C	various	94-96	Now	Lease	Nick Blowers	blowers@jetran.aero	+1 (210) 269 3471
E190AR (5x)	SkyWorks Leasing	CF34-10E5A1	various	06-07	Sep 2018	Sale / Lease	Arif Husain	ahusain@skyworksleasing.com	+1 203-376-8164
ERJ-170LR	AerFin	CF34-8E	1700123		Now	Sale / Lease	Auvinash Narayan	Auvinash.Narayan@aerfin.com	+44 (0) 7766384581
ERJ-145	Regional One	AE3007A1P	145291	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
ERJ-145	Regional One	AE3007A1P	145768	2003	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	+1(305) 759-0670 Ext.164
SF340B	C&L Aviation Group	CT7-9B	194	1990	Now	Sale / Lease	Fred Dibble	fred.d@cla.aero	+1 207-217-6128
SF340B+	C&L Aviation Group	CT7-9B	425	1997	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-217-6259
SF340B+	C&L Aviation Group	CT7-5A	368	1995	Now	Sale	Donald Kamenz	donald.k@cla.aero	+1 207-217-6259
SF340A Cargo	C&L Aviation Group	CT7-5A	046	1986	Now	Sale	Fred Dibble	fred.d@cla.aero	+1 207-217-6128

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## Commerical 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
<b>AE3007 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(3) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
(2) AE3007	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1 954 676 3111
<b>CF34 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
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				
(1) CF34-10E5A1	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF34-3B1	Now - Sale				
(1) CF34-10E5	Now - Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) CF34-10E7	Now - Lease				
(1) CF34-8E	Now - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
(1) CF34-10E6	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CF34-10E7	Now - Lease				
CF34-8E(s)	Now - Sale / Lease	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1 (513) 782-4272
(1) CF34-10E6	Now - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) CF34-10E5A1	Now - Lease				
<b>CF6 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) CF6-80C2B1F	Now - Sale / Lease	AerSale. Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CF6-80C2A5	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CF6-80C2B6	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CF6-80C2B6F	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) CF6-80C2B7F	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) CF6-80C2B1F	Now - Lease	TrueAero	Chris Luke	cluke@trueaero.com	+1 (772) 783 2300
(1) CF6-80C2B7F	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(5) CF6-80C2B1F	Now - Sale			aircrafttrading@gatelesis.com	
<b>CFM Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) CFM56-3C1	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610
(2) CFM56-5B	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(2) CFM56-7B26	Now - Sale				
(1) CFM56-7B26/E	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B26	Now - Lease				
(1) CFM56-7B27	Now - Lease				
(2) CFM56-5C4/P	Now - Sale / Lease	Castlelake	Stuart MacGregor	stuart.macgregor@castlelake.com	+44 207 190 6138
(2) CFM56-3C1	Now - Sale / Lease	AerSale. Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CFM56-5C4	Now - Sale / Lease				
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-7B20 TRUEngine™	Now - Sale / Exchange	CFM Materials	Jimmy Hill	Jimmy.Hill@cfmmaterials.com	+1 214-988-6670
(1) CFM56-7B24 TRUEngine™	Now - Sale / Exchange				
(1) CFM56-7B27 TRUEngine™	Now - Sale / Exchange				
(1) CFM56-5B4/P TRUEngine™	Now - Sale / Exchange				



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## Commerical Engines (cont.)

(1) CFM56-5C4/P	Now - Sale	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
(4) CFM56-5C4	Now - Sale				
(1) CFM56-5B	Now - Sale / Lease				
(1) CFM56-7B	Now - Sale / Lease				
(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.				
(1) CFM56-5B3/P	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) CFM56-7B26	Now - Sale / Lease				
(1) CFM56-7B26	Now - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) CFM56-7B24/3	Soon - Lease				
<b>CT7 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
CT7-9B	Sale	C&L Aviation Group	Martin Cooper	martin.c@cla.aero	+1 207-217-6106
<b>JT8D and JT9D Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) JT8D-219	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1 954 676 3111
(1) JT8D-217C	Now - Sale	AZURE RESOURCES INC.	Jeff Young	jeff@azureres.com	1-954-249-7935
<b>GEEx Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(2) GEEx	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
<b>LEAP Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(2) LEAP-1A33	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) LEAP-1B28	Soon - Lease				
<b>PW Small Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) PW121 (Dash 8)	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(1) PW123B/D/E	Now - Sale / Lease				
(1) PW124B	Now - Sale / Lease				
(1) PW121 (ATR)	Now - Sale / Lease				
(1) PW127E/F/M	Now - Sale / Lease				
(1) PW150A	Now - Sale / Lease				
(2) PW121 (ATR)	Now - Sale/Lease/Exch.	Willis Lease	David Desaulniers	d-desaulniers@willislease.com	+1 415 516 4837
(2) PW121-8	Now - Sale/Lease/Exch.				
(1) PW123	Now - Sale/Lease/Exch.				
(1) PW127	Now - Sale/Lease/Exch.				
(2) PW150A	Now - Sale/Lease/Exch.				
(1) PW127M	Now - Sale/Lease/Exch.				
(2) PW127F	Now - Sale/Lease/Exch.				
(2) PW124B	Now - 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				
PW150 GRB	Now - Lease				
PW127	Sale	C&L Aviation Group	Martin Cooper	martin.c@cla.aero	+1 207-217-6106
(1) PW124B	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jc-morin@logix.aero	+33.6.4782.4262
(2) PW127E/F			Remi Krysz	rkrysz@logix.aero	+33.6.2079.1039
(4) PW127M					
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Calum MacLeod	calum@royalaero.com	+49 8025 993610
<b>PW4000 Engines</b>	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(2) PW4056-1	Now - Sale/Lease/Exch.	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111

# THE AIRCRAFT AND ENGINE MARKETPLACE

## Commerical Engines (cont.)

(1) PW4168A	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) PW4056-3	Now - Sale/Lease	Jet Midwest	Kevin Lee	engines@jetmidwest.com	+1-310-652-0296
(1) PW4060-3	Now - Sale / Lease	AerSale. Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) PW4062-3	Now - Sale / Lease		Matthew White	matthew.white@aersale.com	+353 1475 3005
(1) PW4158-3	Apr 18 - Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) PW4056-3	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
<b>RB211 Engines</b>					
	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) RB211-535	Now - Sale / Lease	Jet Midwest	Dave Williams	dave.williams@jetmidwest.com	+1-817-791-4930
(1) RB211-535E4	Apr 18 - Sale / Lease	AerSale. Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
<b>Trent Engines</b>					
	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(3) Trent 800	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1)Trent 892	Now - Sale/Lease/Exch.	AerSale. Inc.	Matthew White	matthew.white@aersale.com	+353 1475 3005
(2) Trent 892	Now - Sale / Lease	TrueAero, LLC.	Matt Parker	mparker@trueaero.com	+1 469-607-6110
(4) Trent 556	Now - Sale / Lease				
(1) Trent 772B	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Bobby Janagan	bobby.janagan@rolls-royce.com	+44 20 7227 9078
<b>V2500 Engines</b>					
	<b>Sale / Lease</b>	<b>Company</b>	<b>Contact</b>	<b>Email</b>	<b>Phone</b>
(1) V2533-A5 w/QEC	Now - Sale/Lease/Exch.	Rolls-Royce & Partners Finance	Bobby Janagan	bobby.janagan@rolls-royce.com	+44 20 7227 9078
(1) V2527-A5	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
(1) V2533-A5	Soon - Lease				
(1) V2527-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2530-A5	Now - Lease				
(1) V2527	Now - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
(1) V2533-A5	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@werner aero.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	TrueAero, LLC	Matt Parker	mparker@trueaero.com	+1 469-607-6110
(1) A330-300 Landing Gear	Now - Sale				
(2) A340-600 Landing Gear	Now - Sale				
(1) A340-300 Landing Gear	Now - Sale				
(2) GTCP331-500	Now - Sale				
(2) GTCP331-500B	Now - Sale/Lease/Exch.				
(1) APS 3200	Now - Sale/Lease/Exch.				
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, GTPC85-98DHF 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				
Neutral CFM56-5B & CFM56-7B QEC Kits	Now - Sale	CFM Materials	Michael Arellano	michael.arellano@cfmmaterials.com	+1 214-988-6676
(3) APS2300, (1) GTCP331-350C	Now - Sale / Lease	AirFin	Nick Filce	Nick.Filce@aerfin.com	+44 7770 618 791
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	+44.79.0021.8657
APS3200, APS2300, GTPC85-129H					
APU GTCP 331-500	Soon - Lease	Willis Lease	Jennifer Merriam	jmerriam@willislease.com	+1 (415) 408 4742
Engine stands now available	Now - Lease				
(2) GTCP131-9B, (2) GTCP131-9A	Now - Sale / Lease	GA Telesis	Dave Dicken	ddicken@gatelesis.com	+1 954-676-3111
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@Werner aero.com	+1 201-674-9999
GTCP36-300A, 737-800 Winglets	Now - Sale / Lease				
737-700 & 737-800 Landing Gear	Now - Sale / Lease				
767-300 Winglets, LH-RH P/N 767-0010-5, -6, -7 & -8, SV- Now Sale		Reliance Aircraft	Terry Hix	thix@relianceaircraft.com	+1 512-439-6988
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368