

WORLD NEWS

Virgin Australia to fly daily between Melbourne and Hong Kong

Virgin Australia announced it will increase flights to Hong Kong, moving to daily return services between Melbourne and Hong Kong from 12 November 2017. Acting Chief Executive of Virgin Australia Airlines Rob Sharp said: "Hong Kong is a very important part of our strategy for Asia. We're thrilled to be able to offer travellers a daily schedule of flights to Hong Kong. Whether you're travelling for business, on holiday or visiting family and friends, it's fantastic to have the choice of flights every day of the week."

Swiss to provide tablet devices for all its cabin personnel

Swiss is to provide tablet devices for all its cabin personnel. The action is part of a broader drive at the company to bring greater digitalization to its services and activities. After positive experiences with the issue of such devices to its *maîtres de cabine*, SWISS will now be providing tablets for every member of its 3,500-strong cabin crew corps.

WestJet and Hong Kong Airlines announce code-share

WestJet and Hong Kong Airlines have entered into a code-share agreement which sees Hong Kong Airlines placing its HX marketing code on WestJet-operated flights. The two carriers are building on an existing interline agreement put in place earlier this year. Hong Kong Airlines' daily Hong Kong-Vancouver service will allow guests to connect onto select WestJet flights from Vancouver to Calgary, Edmonton and Toronto.



Ryanair is cancelling about 50 flights per day.

Photo: Ryanair

Ryanair fiasco

LCC denies pilot shortage

Ryanair boss Michael O'Leary has admitted that there were significant management failures at the airline following the recent disruptions at the low-cost carrier (LCC).

O'Leary has apologised to shareholders, and again to customers, for the cancellation of 2,100 of its over 103,000 flights over a 6-week period in September and October, due to a failure within its pilot rostering function.

Thousands of angry travellers have taken to social media to express their fury. Some have complained about vacation plans that have been ruined just 24 hours before take-off. Others have

tweeted about being stuck in remote airports, left waiting for a flight home for up to three days.

"Ryanair, for a low fare, seems to sell not only budget flights but also poor quality service" said Marius Stonkus, the CEO of SKYCOP, a flight compensation company.

"This is a mess of our own making."

Michael O'Leary, Ryanair CEO

Ryanair is cancelling 50 flights per day until the end of October and its estimated that the disruption is costing the carrier upwards of £25m.

A day after Ryanair announced that it aims to hire 125 new pilots in just two weeks, data released by the world's biggest job site 'Indeed' has revealed the challenge that airlines face in recruiting pilots – as demand far outstrips supply.

Airlines' soaring demand for pilots is already outstripping the supply of trained aviators, resulting in more than a quarter (26.6%) of pilot vacancies taking more than 60 days to fill. That's the finding of data published by job site Indeed.

Mariano Mamertino, economist

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at Indeed, comments: "According to Boeing's latest outlook report, the airline industry will need more than 500,000 pilots to meet 'extraordinary' demands over the next 20 years.

"The fact that pilot roles are so difficult to fill indicates a strong need for a talent pipeline in this sector. With the demand for air travel showing no signs of stalling, the aviation industry may need to think about creative ways to train and retain pilots both now and for the future."

However, O'Leary has denied that his airline is short of pilots - "We were able to fully crew our peak summer schedule in June, July and August - but we have messed up the allocation of annual leave to pilots in September and October because we are trying to allocate a full year's leave into a 9 month period from April to December. This issue will not recur in 2018 as Ryanair goes back onto a 12 month calendar leave year from 1st Jan to 31st December 2018.

"This is a mess of our own making," O'Leary stated.

Other airlines and airports are cashing in on the back of Ryanair's misfortune. London Southend Airport was even offering free flights on a first come first served basis to those who've had their flights cancelled.

Glyn Jones, Chief Executive Officer of Stobart Aviation, owners of London Southend Airport says: "The free return tickets is a simple gesture, an invitation if you like, to try us instead of the airports hit by the Ryanair cancellations. We are confident we can offer a far better passenger experience."

AIRCRAFT & ENGINE NEWS

Uzbekistan Airways selects GEnx engines for Boeing 787 Dreamliners

Uzbekistan Airways has selected GEnx-1B engines to power four new Boeing 787-8 aircraft. The engine order is valued at more than US\$230m, including a custom-ordered spare engine. Deliveries are scheduled to begin in 2018. GE awarded Uzbekistan Airways its TRUEngine designation for the entire GEnx fleet. The companies also agreed to promptly enter discussions to execute a mutually agreed TrueChoice agreement for the GEnx-1B engines. In 2016, Uzbekistan Airways accepted delivery of Central Asia's first Boeing 787 Dreamliner powered by GEnx-1B engines. The aircraft was the first passenger airliner based in Uzbekistan to be equipped with GE Aviation engines.

Japan Airlines orders four 787-8 Dreamliners

Boeing and Japan Airlines (JAL) have signed an order for four 787-8 Dreamliners. The order, which was previously listed on the Boeing Orders & Deliveries website, attributed to an

AviaAM Leasing arranges delivery of one Airbus A320 to Aeroflot by SkyCo International Financial Leasing



Aeroflot takes delivery of new Airbus A320

Photo: AviaAM Leasing

AviaAM Leasing has completed the arrangement of the delivery of one Airbus A320 to Aeroflot. The aircraft was acquired and leased to the carrier by SkyCo International Financial Leasing. On September 18, the brand-new Airbus A320-214 (MSN 7863) was handed over to its first operator - Aeroflot. The aircraft joins Aeroflot's fleet under an operating lease contract with SkyCo International Financial Leasing with the support of AviaAM Leasing in managing the whole transaction and supervising the hand-over.

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AIRCRAFT & ENGINE NEWS

unidentified customer, is valued at more than US\$900m at current list prices and will expand JAL's Dreamliner fleet to 49 airplanes. Japan Airlines currently operates the second largest 787 Dreamliner fleet in the world, with 34 airplanes. The carrier is expected to receive its 35th Dreamliner, a 787-9 later this week. With this new order, Japan Airlines' 787 fleet include 29 787-8s and 20 787-9 airplanes.

Azul signs order for five Airbus A330-900neo with Avolon

Brazilian Airline Azul has ordered five next-generation Airbus A330-900neo widebody aircraft from Avolon, an international aircraft leasing company. With deliveries starting in late 2018, the A330neo will further strengthen its international flights to the U.S. and Europe. Azul will be the only airline in South America and one of the first in the world to operate this type of aircraft, which will come with 298 seats, 27 more than the current A330s in a high-density configuration. The cabin interior will be divided into 34 business class, 108 Economy Extra, and 156 Economy seats.

Boeing and Turkish government announce the Boeing Turkey National Aerospace Initiative

Boeing and the Turkish government have announced the Boeing Turkey National Aerospace Initiative, which is designed to support the growth of the Turkish aerospace industry, in conjunction with the targets set by Turkey's Vision 2023, and strengthen Boeing's presence in the market. On this occasion Turkish Airlines announced its intention to order 40 787-9 Dreamliners. The order will be reflected on the Boeing Orders and Deliveries website once finalized. The initiative outlines a strategic framework that aligns Boeing investment and programs with the government, Turkish airlines, aerospace service companies and industry suppliers in the areas of research, engineering and skills development. It reflects Boeing's confidence in the long-term outlook for Turkey as a significant market and a leading global industry participant.

Liebherr-Aerospace signs agreement on E-Jet 175 and 195 landing gear overhaul with Flybe



Liebherr-Flybe contract signing

Photo: Liebherr-Aerospace

Liebherr-Aerospace Lindenberg GmbH and Flybe have entered into an agreement covering the overhaul of the main and nose landing gear systems of the airline's Embraer E175 and E195 aircraft. The contract was signed recently at Flybe's headquarters in Exeter (UK). The agreement covers the airline's fleet of 20 Embraer E175s and E195s.

MRO & PRODUCTION NEWS

Oakenhurst Aircraft Services opens latest facility

Oakenhurst Aircraft Services has reported the opening of their latest facility. The Logistics Centre is situated adjacent to its head office and close to London Southend Airport for rapid AOG support. The facility offers over 6000 ft² of secure component storage space with climate controlled and consignment stock zones. The development marks another chapter in the UK MRO's continuing growth. Construction is nearing completion on Oakenhurst's next facility in Russia, expected to be d around Q1/Q2 2018.

Pratt & Whitney's new fan blade manufacturing facility brings capacity online

Pratt & Whitney has commissioned a new fan blade manufacturing facility at its AutoAir plant in Lansing, Michigan. The new 93,000 ft² facility adds to an already existing GTF fan blade production line in Lansing and is one of 30 dedicated manufacturing, production or assembly locations across the globe, performing work on various parts and components of the GTF engine program.

"We are pleased to be a part of this successful engine program," said Conor Tracy, General Manager, Pratt & Whitney AutoAir. "The expansion of the Lansing plant is an opportunity for our employees to contribute to the future of the company, but it is

also an exciting opportunity for Lansing to continue to participate in the advanced manufacturing sector and the economic growth of the region."

He added that there has been a tenfold ramp up in a 20-month period and gives credit for this accomplishment to AutoAir employees. "We have increased our workforce from just over 200 to almost 700 and growing. We have a highly skilled and professional workforce with a lot of pride in the Michigan campus and pride in the GTF product."

Finnair appoints HAECO Hong Kong to perform C check on its Airbus A350 fleet

HAECO Hong Kong has been selected by Finnair to perform the airline's first C Check on its Airbus A350 fleet. The maintenance check will commence in the fourth quarter of 2017. HAECO Hong Kong has worked with Finnair for a decade, providing high-quality, reliable aircraft engineering and maintenance services for the airline's Airbus A330 and A340 fleets. In doing so, HAECO has established a successful business partnership with Finnair and has, to date, redelivered around 50 aircraft inputs to Finnair.

West Star Aviation East Alton receives Authorized Service Center status from Embraer on Legacy Aircraft

West Star Aviation's East Alton (ALN) facility has been named an Authorized Service Center

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MRO & PRODUCTION NEWS

for all Legacy (450, 500, 600 & 650) aircraft, as well as the Lineage 1000 and 1000E. This approval includes full maintenance support and performing scheduled maintenance for authorized aircraft including their previous approval on Embraer Phenom 100/300 aircraft. West Star's fully equipped state-of-the-art East Alton, IL facility offers the expertise to support maintenance, interior refurbishment, paint and avionics on Embraer aircraft.

Air Canada and AAR conclude CAD\$500m (US\$406m) agreement for airframe maintenance in Québec

AAR CORP. and Air Canada have signed a 10-year agreement to provide airframe maintenance for Air Canada's Airbus narrow-body fleet of A319, A320 and A321 aircraft, as well as a new five-year agreement for the carrier's Embraer E-190 fleet. AAR will perform the work at its maintenance, repair and overhaul (MRO) facility at Trois-Rivières Airport in Québec, previously known as Premier Aviation. The work to be performed on Air Canada's fleet of 125 narrow-body aircraft will require approximately 350 mechanics at AAR's Trois-Rivières facility. The total value of the contract over its term is estimated to be approximately CAD\$500 (US\$406m).

Airbus U.S. manufacturing facility receives 50th shipset



Fuselage-sections-transported-in-Alabama-for-50th-US-built-A320-Family-jetliner

Photo: Airbus

The Airbus U.S. Manufacturing Facility in Mobile has reached a key milestone as it has received the 50th shipset of major component assemblies (MCAs) just two years after taking delivery of the first shipset. The components will eventually become the 50th Airbus aircraft produced in the U.S. A shipset includes front and aft fuselage sections, a vertical and horizontal tailplane, and wings. The MCAs, which are manufactured in various facilities around Europe using parts and systems from around the world (including the U.S.), are brought together and shipped from Hamburg, Germany, to the Port of Mobile and transported by road to the Airbus U.S. Manufacturing Facility. Since production began in 2015, Airbus has delivered 37 aircraft from Mobile to four customers: American Airlines, Delta Air Lines, Jetblue and Spirit. The facility will produce four aircraft a month by the fourth quarter of 2017. In addition to Mobile, Airbus delivers A320 Family aircraft from Hamburg, Germany; Toulouse, France; and Tianjin, China.

Thomas Global secures long-term supply of new cathode ray tubes for cockpit displays

Thomas Global has confirmed long-term supply arrangements with Toshiba, the OEM of cathode ray tubes (CRTs) for use in avionic cockpit display units. The long-term supply of factory-new OEM CRTs underpins Thomas Global's long-term

support commitment for a range of CRT-based avionic displays used in narrow- and wide-bodied commercial, business and military aircraft. Thomas Global has built an industry-leading reputation in avionic CRTs, supplying airlines, MROs and government agencies with reliable and cost-effective CRT display support solutions incorporating factory-new OEM CRTs. The long-term CRT supply arrangement builds on a 40-year re-

lationship between Toshiba and Thomas Global. "Thomas Global is pleased to have secured one of the industry's largest orders of new avionic CRTs, meaning that we can offer operators continued, best-in-class support across a range of Honeywell, Thales, Rockwell Collins and GE CRT-based cockpit displays for years to come" said David Barnes, COO of Thomas Global.

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MRO & PRODUCTION NEWS

Bombardier continues to expand world-wide parts availability for business aircraft customers

Bombardier Business Aircraft confirmed its continued expansion of worldwide parts availability for its growing fleet of Learjet, Challenger and Global aircraft. As part of the company's commitment to operators in the United States, Latin America, and Asia, Bombardier Business Aircraft recently opened parts depots in Miami, Florida and Tianjin, China. Combined with its two-year warranty and on-the-spot price-matching offerings, Bombardier Business Aircraft customers can fly with confidence knowing they have greater access to all the parts they need. To ensure that customers can benefit from both parts availability and maintenance support, the new parts depots in Miami and Tianjin are located near major airports as well as Bombardier Aircraft Service Centers in Fort Lauderdale and Tianjin. With a fleet of approximately 4,700 aircraft worldwide, Bombardier's network of business aircraft services and support continues to expand to anticipate and exceed customer expectations.

AJW extends Engine Shop Visit Management agreement with NordStar



AJW and Russian airline NordStar extend Shop Visit Management

Photo: AJW

AJW Group has extended their contract with Russian airline NordStar to perform Engine Shop Visit Management for seven of their CFM56-7B engines. AJW previously managed three of NordStar's shop visits between 2015 and 2016, delivering efficiencies that saved the airline in excess of US\$1m and this new agreement builds on the success of that partnership. The work will be carried out by experienced engineers from AJW's engines team which specialise in providing innovative and flexible solutions that drive down operational costs for clients.



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MRO & PRODUCTION NEWS

STS launches AeroMod

Nearly two weeks ago, STS Aviation Group formally launched STS Mod Center, a company that specializes in providing aircraft modification packages to airlines, leasing companies and OEMs at its state-of-the-art hangar facility in Melbourne, Florida. On September 21, STS Aviation Group has reported the formation of STS AeroMod, a global extension of STS Mod Center that deploys rapid response teams who specialize in taking aircraft modification projects from concept to completion. Daniel Burgess, who is the former Managing Director of AeroMod International, is now the Sr. Vice President of STS AeroMod, and he will spearhead the company's off-site, mobile aircraft modification efforts moving forward. By deploying a concept-to-completion approach, STS AeroMod's mobile, rapid installation teams will travel from client location to client location while tapping into the expertise and resources made available by its parent company, STS Aviation Group.

Associated Air Center to close operations at the end of 2017

StandardAero has announced that Associated Air Center (AAC), the company's Large Transport Category VIP Completions Center, will cease operations and close its Dallas Love Field facilities at the end of this year. After a thorough analysis, StandardAero has concluded that the business case for continuing to operate AAC is no longer an economically viable option for the company and its investors. Current and future work volumes do not support the fixed costs necessary to operate the facility. In addition, the limited pipeline for new business opportunities, excess industry capacity and slowing demands in the VVIP aircraft marketplace have all contributed to this decision. The decision also aligns with the company's near-term growth strategy and actions to strengthen StandardAero's portfolio by expanding its core engine MRO capabilities. Between now and the end of 2017, StandardAero will be assisting impacted employees, helping them to find positions in other StandardAero business units and providing a variety of company funded redeployment and outplacement assistance and services. Over the next few months, AAC will operate in a business as usual manner to complete obligations on current contracts, service warranties and finish projects committed to existing customers.

Wide-body jetliner deliveries begin at Airbus' new A330 Completion and Delivery Centre in China



Airbus inaugurates A330 Completion & Delivery Centre in China

Photo: Airbus

Airbus has delivered the initial jetliner from its new A330 Completion and Delivery Centre (C&DC) in Tianjin, China, marking the formal inauguration of Airbus' first ever industrial facility outside Europe for wide-body aircraft and reinforcing the company's global footprint. The Completion and Delivery Centre was created to process twin-engine A330s, which are the most popular wide-body aircraft in China – currently operated by nine airlines in the country. Receiving the milestone No. 1 A330 from this Chinese facility was Tianjin Airlines. The aircraft, an A330-200 version, was assembled and equipped at Airbus' Toulouse, France headquarters' location by Chinese and European employees before flying to Tianjin. It becomes the latest addition to the Chinese fleet of in-service Airbus aircraft, which includes a combined total of over 1,480 single-aisle and wide-body jetliners. Currently staffed with some 150 Chinese employees trained by Airbus experts in Toulouse, the A330 Completion and Delivery Centre ultimately will employ over 250 persons. The facility is located at the same site as the Airbus Tianjin A320 final assembly line and the Airbus Tianjin Delivery Centre for single-aisle A320 Family aircraft. All of these operations support the development of engineering skills and technology innovation in China, while promoting the integration of Chinese suppliers into the Airbus global supply chain.

FINANCIAL NEWS

Russia's Transaero Airlines has been declared bankrupt

Transaero has been declared bankrupt by the Commercial Court of St. Petersburg and Leningrad Region. Bankruptcy proceedings have been initiated for a period of six months. In March 2015 the airline was unable to pay debts which had accumulated to the level of 77 billion rubles (approximately US\$1.1 billion). Plans for Aeroflot to take over 75% of the ailing airline for a nominal sum of 1 ruble failed to materialize later that year, by which time the carrier's debts had risen to nearly 250 million rubles (US\$4 billion). In September 2015, S7 Airlines, one of Transaero's Russian competitors, failed to follow through with an offer to buy a 50% stake in the airline, subsequent to which Russian authorities revoked its air operating certificate,

transferring its traffic rights to other airlines. In October 2015 Sberbank and Alfa Bank filed bankruptcy petitions against the troubled airline, after which the Commercial Court of St. Petersburg and Leningrad Region initiated bankruptcy procedure against Transaero on December 16.

Transaero filed an application with the Commercial Court of St. Petersburg and Leningrad Region on November 17, 2016, seeking to drop the case. Transaero managers submitted the company's business resumption plan and the carrier's management, headed by Director General Alexander Burdin, presented alternatives which could make it possible to return money to creditors via re-launching the airline on the base of its assets.

Intrepid closes first AFIC-backed financing

Privately held commercial aircraft lessor Intrepid has closed its first Aircraft Finance Insurance

FINANCIAL NEWS

Consortium (AFIC)-backed financing for one 747-8 Freighter (747-8F), on lease to AirBridge Cargo Airlines. The financing was arranged and underwritten by ING Capital and Apple Bank. The transaction represents the first non-payment insurance-backed financing ever closed by an operating lessor and further diversifies the Company's banking group with the addition of ING Capital.

BP reports US\$10m investment and strategic partnership with jet charter marketplace Victor

BP has reported an initial investment and the creation of a strategic partnership between its BP Ventures and Air BP businesses with Victor, one of the world's leading 'on-demand' marketplaces for private jet charters. As part of the partnership, BP Ventures has committed to investing US\$10m in Victor. In addition, Air BP has entered into a commercial agreement to become the preferred fuel supplier for flights arranged via the Victor digital platform at Air BP locations. This investment is part of BP Ventures strategy to invest to accelerate the development, commercial viability and deployment of digital technologies and offers across the BP group. Air BP, which has a growing digital presence, stands to further benefit from this new collaboration.

Cyberattack lowers FedEx's first quarter results

For the first quarter of fiscal year 2018, FedEx has reported revenue of US\$15.3bn, compared to US\$14.7bn in the first quarter of fiscal 2017. Operating income was US\$1.12bn, compared to US\$1.26bn the previous year and operating margin was 7.3% compared to 8.6% in the

first quarter of fiscal year 2017. Net income was US\$596m, compared to US\$715m a year ago. Financial results during the quarter benefited from higher base rates at each of FedEx's transportation segments, which was more than offset by reduced revenue and increased expenses resulting from the TNT Express cyberattack, TNT Express integration expenses, higher costs at FedEx Ground, a higher tax rate, and the impact from Hurricane Harvey. Results also benefited from lower incentive compensation accruals. The company is lowering its fiscal 2018 forecast due to the estimated full-year impacts of the TNT Express cyberattack.

AAR expands into Canada with acquisition of two MRO facilities

AAR has expanded its maintenance, repair and overhaul (MRO) network into Canada with the acquisition of two Premier Aviation aircraft facilities, one at Trois-Rivières Airport, Québec and the other at Windsor International Airport, Ontario.

Premier Aviation established the MRO facility in Trois-Rivières in 2002 and expanded it to 150,000 ft² in 2011. The facility can accommodate up to seven narrow-body aircraft. Premier began operating in Windsor in 2012 in a new 143,000 ft² hangar with full back shop capability and capacity for six narrow-body aircraft. The facilities have made significant investments in tooling over the past few years and currently employ over 300 well-trained aviation mechanics and personnel who will retain their positions based on expected workload.

John Holmes, President & Chief Operating Officer, AAR commented that: "We are excited to add an experienced workforce and two world-class facilities to our award-winning MRO network, and we look forward to growing our position in, and bringing more flexibility and value to, the Canadian market. The culture of continuous improvement and execution excellence at these

facilities is consistent with AAR's commitment to the highest levels of service," adding "This Canadian presence will be complementary to our U.S. MRO operations and workforce."

The Canadian MROs will join AAR's network that also includes airframe maintenance facilities in Indianapolis, Indiana; Miami, Florida; Oklahoma City, Oklahoma; Duluth, Minnesota; and Rockford, Illinois, as well as component repair facilities in New York and Amsterdam, and landing gear services in Miami. Across these sites, AAR provides maintenance, repair and overhaul for regional, narrow-body and wide-body aircraft operators.

TrueNoord receives new investment from Aberdeen Asset Management

TrueNoord, the regional aircraft lessor, has released that Aberdeen Asset Management, a leading global asset management firm and part of the newly merged investment company – Standard Life Aberdeen, will be co-investing in the company alongside BlackRock who joint as investor in June this year, and Bregal Freshstream who invested in the company in 2016. As TrueNoord intensifies the pace of its acquisition strategy in the regional aircraft sector, this additional investment will further facilitate the intended growth of its regional aircraft portfolio under lease. It enables TrueNoord to facilitate airlines seeking specialist regional programs. The regional aviation sector represents a substantial portion of the global aviation industry with approximately 50% of all passenger travel accounted for by journeys below 300 nautical miles. Indicative of this global dynamic, TrueNoord recently acquired regional aircraft with leases attached which are operated by AeroMexico, TUI (Jetairfly) Belgium, Air Astana, HOP! and Regional Jet.

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MILITARY AND DEFENCE

Pratt & Whitney successfully completes testing on F135 engine with adaptive fan

Pratt & Whitney has successfully completed testing of an adaptive three-stream fan in an engine with an F135 core as part of the U.S. Air Force Research Laboratory's Adaptive Engine Technology Development (AETD) program. Successful testing of the three-stream engine architecture demonstrates Pratt & Whitney is well positioned to transition adaptive engine technology to meet future U.S. Air Force requirements for combat aircraft propulsion. "Preliminary data from the test indicates our three-stream fan has met or exceeded expectations with respect to performance as well as the integrity of the turbofan machinery and fan module," said Matthew Bromberg, president, Pratt & Whitney Military Engines. "This is an important milestone on the path toward the advancement and maturation of a next-generation adaptive engine which will enable the warfighter to stay well ahead of future and emerging threats."

Northrop Grumman to acquire Orbital ATK for US\$9.2bn

Northrop Grumman Corporation, a leading global security company, and Orbital ATK, a global leader in aerospace and defense technologies, have entered into a definitive agreement under which Northrop Grumman will acquire Orbital ATK for approximately US\$7.8bn in cash, plus the assumption of US\$1.4bn in net debt. Orbital ATK shareholders will receive an all-cash consideration of US\$134.50 per share. The agreement has been approved unanimously by the Boards of Directors of both companies. The transaction is expected to close in the first half of 2018 and is subject to customary closing conditions, including regulatory and Orbital ATK shareholder approval.

Boeing selects Triumph Group as major supplier for U.S. Air Force T-X Offer

Boeing has selected Triumph Group as a major supplier for its T-X Air Force training jet. If the Air Force awards the contract to Boeing, Triumph's Aerospace Structures business unit, located in Red Oak, Texas, will supply the wing, vertical tail and horizontal tail structures, with opportunities for additional work, generating 950 direct and indirect jobs. This announcement follows Boeing's May 15 decision to assemble T-X at its St. Louis facility. The first two new, purpose-built T-X aircraft have proven the design's low-risk, performance and repeat-ability in manufacturing. "Boeing T-X is a new, flexible design that meets the requirements of the U.S. Air Force," said Karl Jeppesen, vice president of Supplier

Management for Boeing Defense, Space & Security. "Triumph Group is a long-standing supplier to Boeing, teaming with us on iconic programs such as V-22 Osprey and C-17 Globemaster III. It takes partnerships like this to win and position us for a bold, bright future, and we are proud to welcome Triumph as a major supplier and member of this team."

OTHER NEWS

The General Superintendence (SG) of the Administrative Council for Economic Defense (CADE) in Brazil has made a recommendation to the antitrust regulator's Administrative Tribunal to approve the Joint Business Agreement (JBA) between **American Airlines** and **LATAM Airlines Group**. American's JBA with LATAM has already received approvals from aviation authorities in Uruguay and Colombia. After conducting a comprehensive review of the agreement and its impact on competition, the SG published its findings on September 14, and has recommended unconditional approval. CADE's Tribunal has until Sept. 29 to indicate whether it is inclined to also review the matter. If it does not, the recommendation becomes final. American Airlines will continue to actively collaborate with the relevant authorities in other jurisdictions reviewing the JBA and provide all necessary supporting information.

Delta Air Lines and the **Pittsburgh Institute of Aeronautics (PIA)** have announced an education partnership designed to fill demand for qualified aviation maintenance technicians. PIA's campuses in Pittsburgh, Youngstown, Hagerstown and Myrtle Beach have been selected as four of approximately 40 aircraft maintenance schools to partner with Delta in an effort to find the schools whose graduates are able to meet or exceed their high expectations. Over 100 criteria were used in Delta's selection process, including equipment and facilities, level of hands-on-training, and quality of teaching. Industry growth, increasing retirements, a decline in students seeking an education in skilled trades are factors contributing to an increasing demand for aviation maintenance technicians (AMTs). PIA strives to provide successful career opportunities for graduates and this joint effort with Delta will continue to support the school's mission. In order for an aircraft to leave the ground, whether it is a blimp, helicopter, or fixed-wing aircraft, any maintenance must generally be signed off by a certified FAA Airframe and Powerplant (A&P) technician. According to Boeing's 2016 Pilot and Technician Outlook, over 118,000 newly hired A&P technicians are needed by 2035 in North America alone.

Inmarsat, a leading provider of global mobile satellite communications, has signed a strategic agreement with **Rockwell Collins** for the global distribution of its next-generation SwiftBroadband-Safety

(SB-S) flightdeck connectivity solution. The agreement builds on a successful long-term strategic relationship between the two companies and will bring new levels of safety and operational efficiency to the aviation industry. SB-S is the first secure communications system for the flight deck and meets stringent aviation requirements for safety and operational data exchange with the ground. Its global coverage is Future Air Navigation System (FANS) 1/A compliant and delivers Aircraft Communications Addressing and Reporting System (ACARS) and safety and operational services over a robust, secured IP data link as well as multiple voice channels. SB-S hardware is smaller, lighter and has a lower cost of ownership than other market alternatives, saving space and weight, reducing fuel burn and making it suitable for all single-aisle and wide-bodied aircraft.

Porter Airlines is establishing a crew base in Thunder Bay, Ont., as of January 2018. The move creates at least 40 local jobs for pilots and flight attendants. It is the first such base in Northern Ontario for any large commercially scheduled airline. Porter has operated in Thunder Bay since 2008. Its presence has grown over the years to a current schedule of up to six daily flights to Billy Bishop Toronto City Airport. Connecting flights reach throughout the airline's network of more than 20 other destinations, including Ottawa, Montreal, Boston, New York and Chicago.

One day after **United Airlines** announced its plans to retire its Boeing 747s, **Delta Air Lines** has announced that it is preparing to say goodbye to its own fleet of Boeing 747s later this year. No final date has been set for Delta's final international 747 flight, but it will happen sometime later this year. United's final international 747 flight from Seoul to San Francisco will depart October 29.

Eastman Turbo Oil 2197 has achieved more than 400 million engine/accessory hours of successful operation as of August 2017.

The 400-million-hour milestone demonstrates the product's proven performance and trusted reliability throughout the aviation industry. ETO 2197 was designed to exceed the demands of current and future turbine engines, and is the oil of choice for any aircraft that operates on High-Performance Capable (HPC) oils. Eastman Turbo Oil 2197 was the first oil approved to the AS5780 specification, providing performance levels that exceeded thermal stability and cleanliness requirements of HPC class within that specification. Approved by leading engine manufacturers for all narrow- and wide-body commercial aircraft, Eastman Turbo Oil 2197 is also qualified to MIL-PRF-23699 High Thermal Stability (HTS) class.

WestJet has held a ground breaking ceremony on its new CA\$50m hangar project at YYC Calgary International Airport, that will support the airline's ongoing fleet expansion and growth of its Cal-

OTHER NEWS

gary hub. The hangar, once complete, will occupy 125,000 ft², accommodate its new Boeing 787-9 Dreamliner aircraft and stand eight stories tall. In addition, the building will have two floors of office space to hold approximately 130 work stations. Construction is expected to be completed in the spring of 2019.

Eurowings, the long- and short-haul low-cost subsidiary of **Lufthansa**, has struck a timely deal with the Verdi union to allow the hiring of new cabin crew at very short notice. Although Eurowings has made no mention of acquiring staff from the now insolvent **Air Berlin**, last month it began a recruitment drive to take on approximately 200 new pilots and 400 cabin crew, all of whom need to be qualified to fly and crew Airbus A320 aircraft. Currently, the airline has received over 1,000 applications and, coincidentally, the A320 is a jet also flown by Air Berlin. According to Eurowings, the company has also struck a similar deal with the UFO union, which also represents cabin crew. Having met with success with Verdi, Eurowings has talks planned with Vereinigung Cockpit, the German pilots' union, with a view to striking the same agreement, enabling the airline to hire pilots and first officers with very short notice.

A creditors' meeting has been held on September 21 to decide the fate of Air Berlin, while Verdi has said that it expects a large proportion of the 8,000-strong Air Berlin workforce to be unable to get new jobs.

INDUSTRY PEOPLE



Mark Larsen

- Constant Aviation, a full-service MRO with a nationwide network, has reported that **Mark Larsen** has joined the senior leadership team as the company's Vice President of Sales. Larsen will lead all aspects of sales operations, including regional sales for maintenance, completions and modifications sales. He succeeds Jay Rizzo, who was recently promoted to the role of Executive Vice President for Strategic Sales across all company brands.

- One of Europe's leading data science technology companies, Black Swan Data, has announced the appointment of **Patrick Prefontaine** as Chief Commercial Officer at Black Swan Avionics (BSA). Patrick's appointment is part of the ongoing growth of

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- Dubai Airshow 2017**
November 12, 2017 – November 16, 2017
- Aircraft Economic Life Summit 2017**
November 28, 2017 - Gibson Hotel, Dublin, Ireland
- Operating Lease Seminar 2018**
March 20, 2018 - Hilton Garden Inn Hotel, Dallas
- Aircraft Records & Total Asset Management Seminar 2018**
April 18, 2018 - Gibson Hotel, Dublin, Ireland
- 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
- STARMAN AUCTIONS**
Dyna-Tech Aviation Services, Inc.
September 30th, 2017 ~ Omaha (Millard Airport), Nebraska 68137

[Click here for more aviation events](#)

INDUSTRY PEOPLE

BSA and its innovative work, including delivering inflight solutions for the 2017 launch of LEVEL, the International Airlines Group's (IAG) new long-haul, low cost airline brand. Patrick has over 15 years in management and board-level roles at international online media and emerging technology businesses. He joins BSA from his previous position of President of DTI Solutions, a global supplier of In-Flight Entertainment (IFE) interactive software applications.



Cédric Halé

- **Cédric Halé** has been appointed Safran Nacelles' Human Resources Director. A member of the company's Executive Committee and directly answering to Safran Nacelles CEO **Jean-Paul Alary**, he will supervise all human resources activities relating to Safran Nacelles and its sites.

- The European Regions Airline Association (ERA) has appointed **Montserrat Barriga** as its new Director General. Montserrat Barriga, who previously worked for ERA member airline Binter, where she was Director, International Development & Industry Affairs, has substantial experience within the aviation industry. She will be taking up her position at the association on November 1, 2017.

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editor@avitrader.com

Commercial Jet Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
A319-112	World Star Aviation Services	CFM56-5B	1429		Nov 2017	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
A320-200	Castlelake	V2527-A5	2097	2003	Q3/2018	Lease	Michael Hackett	michael.hackett@castlelake.com	+44 20 7190 6120
A320-200	Castlelake	V2527-A5	2121	2003	Q2/2018	Lease	Michael Hackett	michael.hackett@castlelake.com	+44 20 7190 6120
A320-200	Fortress Investment Group	V2500-A5	561	1995	Oct 2017	Sale - Airframe	Jeff Lewis	aviation@fortress.com	+1 (305) 833-0309
A330-200	Castlelake	CF6-80E1A4B	441	2001	Q4/2018	Lease	Michael Hackett	michael.hackett@castlelake.com	+44 20 7190 6120
A330-200	FPG Amentum	PW4168A	943	2008	Q2/2018	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 1 6398118
A330-200	FPG Amentum	PW4168A	962	2008	Q2/2018	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 1 6398118
A330-223	FPG Amentum	PW4168A	979	2009	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 1 6398118
A330-223	FPG Amentum	PW4168A	1002	2009	Now	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 1 6398118
A340-313	AerFin	CFM56-5C4	208	1998	Now	Sale / Lease	Robbie Robson	Robbie.Robson@aerfin.com	+44 (0) 7867488152
A340-313	AerFin	CFM56-5C4	218	1998	Now	Sale / Lease	Robbie Robson	Robbie.Robson@aerfin.com	+44 (0) 7867488152
A340-313	AerFin	CFM56-5C4	227	1998	Now	Sale / Lease	Robbie Robson	Robbie.Robson@aerfin.com	+44 (0) 7867488152
B737-300	World Star Aviation Services	CFM56-3C1	28873		Now	Lease	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-220000
B737-400	Safair Operations	Freighter	East Africa		Dec 2017	ACMI only	C. Schoonderwoerd	corneliss@safair.co.za	+27 11 928 0000
B737-400	Aersale	CFM56-3C1	27149	1993	Now	Sale / Lease	Craig Wright	Craig.Wright@aersale.com	+1 305 764 3238
B737-800	ORIX Aviation	CFM56-7B26	34701	2006	Q1/2018	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
B737-800	ORIX Aviation	CFM56-7B26	34705	2006	Q3/2018	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
B737-800	ORIX Aviation	CFM56-7B26	34707	2006	Q3/2018	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
B737-800	ORIX Aviation	CFM56-7B24E	40287	2012	Q1/2019	Lease	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
B737-800	FPG Amentum	CFM56-7B24E	40150	2013	Q1/2018	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 1 6398118
B737-800	FPG Amentum	CFM56-7B26E	40153	2013	Q1/2018	Sale / Lease	Eoin Kirby	eoin.kirby@fpg-amentum.aero	+353 1 6398118
B737-800	Aersale	CFM56-7B26	30881	2002	Now	Sale / Lease	Sally Browne	Sally.Browne@aersale.com	+353 86 021 4841
B737-800	World Star Aviation Services	CFM56-7B26	32604	2002	Now	Sale / Lease	Paulo Bettencourt	pbettencourt@worldstaraviation.com	+1 415-956-9454
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
B747-400	Jet Midwest	PW4056-3	29906	1999	Now	Sale / Lease	Kevin Lee	aircraft@jetmidwest.com	+1-310-652-0296
B747-400BCF	Jet Midwest	PW4056-3	24226	1990	Now	Sale / Lease	Kevin Lee	aircraft@jetmidwest.com	+1-310-652-0296
B757-200	ORIX Aviation	RB 211-535E4	27810	1995	Q1/2019	Sale	Oisín Riordan	oisin.riordan@orix.ie	+353 871774524
B757-200F	Aerolease	RB211	22211		Now	Sale / Lease	Tim Corley	tcorley@aerolease.com	+1 (360) 870-9172
B757-200F	Aerolease	RB211	22611		Now	Sale / Lease	Tim Corley	tcorley@aerolease.com	+1 (360) 870-9172
B757-222	Bristol Associates	PW2037	25157	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25322	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25396	1992	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25398	1992	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
B757-222	Bristol Associates	PW2037	25698	1991	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
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
CRJ-200LR	Regional One	CF34-3B1	7484	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164

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Regional Jet / Turboprop Aircraft

Aircraft Type	Company	Engine	MSN	Year	Available	Sale / Lease	Contact	Email	Phone
CRJ-900LR	Regional One	CF34-8C5	15057	2005	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
DASH8-102	Magellan Aviation Group	PW121	113	1988	Now	Sale / Lease	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
DASH8-311	Regional One	PW121	230	1990	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
DASH8-311	Magellan Aviation Group	PW123	266	1991	Now	Sale / Lease	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
Dornier 328-200	Regional One	PW306B	3145	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
Dornier 328-200	Regional One	PW306B	3185	2001	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
E170	AerFin	CF34-8E	121		Now	Sale / Lease	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
E170	AerFin	CF34-8E	158		Now	Sale / Lease	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
E170	AerFin	CF34-8E	114		Now	Sale / Lease	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
ERJ-135ER	Bristol Associates		145176	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135ER	Bristol Associates		145186	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135ER	Bristol Associates		145192	1999	Now	Sale	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145410	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145413	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-135LR	Bristol Associates	AE3007-A1	145504	2001	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145	Regional One	AE3007A1P	145291	2000	Now	Sale / Lease	Chris Furlan	cfurlan@regionalone.com	-1(305) 759-0670 Ext.164
ERJ-145LR	Bristol Associates	AE3007-A1/3	145208	1999	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145LR	Bristol Associates	AE3007-A1/3	145239	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000
ERJ-145LR	Bristol Associates	AE3007-A1/3	145302	2000	Now	Sale / Lease	Ed McNair / Pete Seidlitz	bristol@bristolassociates.com	+1 202-682-4000

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
AE3007 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) AE3007A1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(3) AE3007A1P	Now - Sale/Lease/Exch.	Regional One	Miguel Bolivar	mbolivar@RegionalOne.com	+1 786-623-3936
(2) AE3007	Now - Sale	GA Telesis	Stefanie Jung	sjung@gatelesis.com	+1 954-958-1321
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				
(1) CF34-10E5A1	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) CF34-3B1	Now - Sale				
(1) CF34-8C5B1	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(8) CF34-8E	Q4/2017 - Sale / Lease	AerFin	Oliver James	Oliver.James@aerfin.com	+44 (0) 2920109898
(1) CF34-10E7	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
(1) CF34-10E7	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
CF6 Engines	Sale / Lease	Company	Contact	Email	Phone
(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) CF6-80C2B6F	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) CF6-80C2A2/A5	Now - Sale / Lease	Castlelake	Stuart MacGregor	stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CF6-80C2B7F	Now - Sale	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(5) CF6-80C2B1F	Now - Sale			aircrafttrading@gatelesis.com	



Engine Lease Finance



Commerical Engines (cont.)

CFM56 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) CFM56-3C1	Aug 17 - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
(1) CFM56-5A3	Nov 17 - Sale / Lease				
(2) CFM56-5B	Now - Sale / Lease	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(2) CFM56-7B26	Now - Sale				
(1) CFM56-7B22/E	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-5B4/3	Now - Lease				
(2) CFM56-5C4/P	Now - Sale / Lease	Castlelake	Stuart MacGregor	stuart.macgregor@castlelake.com	+44 207 190 6138
(1) CFM56-7B27/3B1F	Now - Sale/Lease/Exch.	AerSale. Inc.	Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
(1) CFM56-5B1/3	Now - Sale / Lease				
(2) CFM56-3C1	Now - Sale / Lease				
(2) CFM56-5A	Now - Sale	GECAS Engine Leasing	Sherry Riley	engine.leasing@gecas.com	+1(513)782-4272
(1) CFM56-5C4	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(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				
(1) CFM56-7B26	Now - Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
(1) CFM56-3C1	Now - Sale / Lease				
(2) CFM56-5C3/F4	Now - Sale/Lease/Exch.	AerFin	R. Rosser		+442921676296
(7) CFM56-5C4	Now - Sale/Lease/Exch.				
(1) CFM56-5B	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@wernerero.com	+1-703-402-7430
(1) CFM56-7B	Now - Sale/Lease/Exch.				
(1) CFM56-5B4/3	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
(1) CFM56-5C4/P	Now - Lease				
(1) CFM56-5C4	Now - Lease				
(1) CFM56-7B26/3	Now - Lease				
(1) CFM56-7B26	Oct 2017 - Lease				
(1) CFM56-5B4/P	Now - Lease				
(1) CFM56-7B24/3	Now - Lease				
JT8D and JT9D Engines	Sale / Lease	Company	Contact	Email	Phone
(1) JT8D-219	Now - Sale	Azure Resources	Jeffrey Young	jeff@azureres.com	+1-954-796-8158
(1) JT9D-7R4D-E	Now - Sale/Lease	Jet Midwest	Kevin Lee	engines@jetmidwest.com	+1-310-652-0296
(1) JT8D-219	Now - Sale	GA Telesis	Robert Huffman	rhuffman@gatelesis.com	+1 954 676 3111
PW Small Engines	Sale / Lease	Company	Contact	Email	Phone
(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	ddesaulniers@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				

Commerical Engines (cont.)

PW127M	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368
PW150 GRB	Now - Lease				
(1) PW124B	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
(1) PW127F			Remi Krys	rkrys@logix.aero	+33.6.2079.1039
(1) PW127M					
(1) PW120 / PW121	Now - Sale / Lease	Royal Aero	Frank Rustmeier	frank@royalaero.com	+49 (0)8025 99360
PW2000 Engines	Sale / Lease	Company	Contact	Email	Phone
(1) PW2037M	Now - Sale / Lease	Fortress Investment Group	Tom McFarland	Aviation@fortress.com	+1 305-520-2349
PW4000 Engines	Sale / Lease	Company	Contact	Email	Phone
(2) PW4056-1	Now - Sale/Lease/Exch.	GA Telesis	Eddo Weijer	eweijer@gatelesis.com	+1-954-676-3111
(1) PW4056-3	Now - Sale / Lease	Magellan Aviation Group	Bill Polyi	bill.polyi@magellangroup.net	+1 (704) 504 9204 x202
(2) PW4090	Q1/2018 - Sale / Lease	Castlelake	Stuart MacGregor	stuart.macgregor@castlelake.com	+44 207 190 6138
(1) PW4168A	Sep 17 - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(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) PW4056-3	Now - Sale / Lease		Alan Kehoe	Alan.Kehoe@aersale.com	+353 879 393 534
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
(1) RB211-535E4	Now - Sale	World Star Aviation Services	Sean O Connor	Soconnor@worldstaraviation.com	+1 415-956-9456
Trent Engines	Sale / Lease	Company	Contact	Email	Phone
(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
V2500 Engines	Sale / Lease	Company	Contact	Email	Phone
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) V2533-A5	Now - Lease	Engine Lease Finance	Declan Madigan	declan.madigan@elfc.com	+353 61 291717
(1) V2533-A5	Now - Sale/Lease/Exch.	Werner Aero Services	Cliff Topham	ctopham@wernerero.com	+1-703-402-7430

Aircraft and Engine Parts, Components and Misc. Equipment

Description		Company	Contact	Email	Phone
(2) A330-200 Landing Gear	Now - Sale	TrueAero, LLC	Matt Parker	mparker@trueaero.com	+1 469-607-6110
(2)A340-600 Landing Gear	Now - Sale				
(1) A340-300 Landing Gear	Now - Sale				
(2) GTCP331-500	Now - Sale				
(2) GTCP331-350C	Now - Sale				
(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
GTCP131-9A, GTCP131-9B, GTCP331-350C	Now - Sale/Lease/Exch.	Logix.Aero	Jean-Christian Morin	jcmorin@logix.aero	+33.6.4782.4262
GTCP331-500B, GTCP331-500B			Rich Lewsley	rlewsley@logix.aero	+44.79.0021.8657
APU GTCP 331-500	Now - Lease	Willis Lease	Ann Lee	alee@willislease.com	+1 (415) 408 4769
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
B737-400 main landing gears, with 2015 tags		World Star Aviation Services	Tommy Guttman	tguttman@worldstaraviation.com	+972-544-22000
767-300ER 413K LANDING GEAR	Now - Sale	Azure Resources	Jeffrey Young	jeff@azureres.com	+1-954-796-8158
737-300/400 LANDING GEAR					
CFM56-3 MODULES					
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@Wernerero.com	+1 201-674-9999
GTCP36-300A, 737-800 Winglets	Now - Sale / Lease				
737-700 & 737-800 Landing Gear	Now - Sale / Lease				
737-800 NOSE LANDING GEAR PN 162A1100-5, OH - Now Sale		Reliance Aircraft	Terry Hix	thix@relianceaircraft.com	+1 512-439-6988
767-300 Winglets, LH-RH P/N 767-0010-7 & -8					
(2) PW901A, (1) PW901C(1), PW125B RGB	Now - Lease	Lufthansa Technik AERO Alzey	Kai Ebach	k.ebach@lhaero.com	+49-6731-497-368