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AVITRADER WEEKLY AVIATION HEADLINES

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## WORLD NEWS

### 787 watch: Boeing latest

The FAA, the US aviation authority, is understood to have rejected a request from Boeing to set a date to begin 787 Dreamliner test flights, as the global fleet of 50 jets remained grounded for a sixth week. The FAA is conducting its own investigation into what led lithium-ion batteries aboard two 787s to overheat, and has yet to determine the cause. Meanwhile, 787 launch customer ANA said it had not planned any changes to its 66-strong order, of which 17 have been delivered.

### $16bn Chinese engine plan

China's State Council is expected to approve a research and development project to build aircraft jet engines, according to the Xinhua news agency. AVIC Xi'an Aero-Engine and Shenyang Liming Aero-Engine Corporation, both subsidiaries of Aviation Industry Corporation of China (AVIC), will lead the project, which will involve an investment of some 100bn yuan ($16.1bn), in a bid to reduce the country's dependency on foreign engine makers like GE and Rolls-Royce.

### EU blocks Ryanair takeover

The European Commission blocked budget airline Ryanair's latest attempt to take over Irish carrier Aer Lingus, saying the proposed €694m ($901m) deal would have 'harmed consumers by creating a monopoly or a dominant position on 46 routes where currently Aer Lingus and Ryanair compete vigorously against each other'. Ryanair said the move was 'unjust' and motivated by 'narrow political interests', adding that that it would appeal the decision.

Poor results from troubled Iberia contributed to net losses in 2012 of close to €1bn for IAG

*Iberia*

# Iberia losses, labour disputes raise merger concerns

## CEO Walsh: Spanish airline's €1bn losses "completely unacceptable"

Willie Walsh, chief executive of IAG, was forced to defend the 2011 merger of British Airways and Iberia after the group posted losses of nearly €1bn for 2012. He admitted that the results were 'disappointing' but said that he believed the 'fit' between the two carriers 'still works'.

His statement came as Spanish labour unions embark on a second wave of crippling strikes this month, after a five-day walk-out in February. The strikes are thought to be costing Iberia upwards of €3m per day.

Net losses swung to €923m in 2012 from profits of €582m in 2011, owing in large part to restructuring costs at Iberia, according to Walsh. The Spanish airline recorded operating losses of €351m in 2012, compared to operating profits of €347m at BA.

Walsh remained adamant that Iberia's reforms are vital for the airline's survival. "Despite three months of negotiations between Iberia and its trade unions, no agreement was reached on an initial restructuring plan," he said in his statement to investors. "Therefore, we have announced that Iberia will proceed with a 15% cut in capacity and has started the formal collective redundancy process which will affect 3,807 jobs."

Walsh denied that IAG was prioritizing BA at Iberia's expense, and assured investors that there was no competition between the two airlines, saying that, to the contrary, every effort had been made to find synergies to save costs.

These synergies resulted in savings of some €313m, above forecasts of €225m, which will not, said Walsh, prevent the group from continuing its restructuring efforts as planned.

*Continued on page 11*

**British Airways vs Iberia 2012**

| € million | British Airways | Iberia |
|---|---|---|
| Revenue | 12,551 | 4,841 |
| Fuel costs | 4,303 | 1,531 |
| Total costs | 7,930 | 3,661 |
| **Operating profit/loss** | **347** | **(351)** |
| Operating margin | 2.5% | (7.3%) |
| RPK[1] (million) | 126,436 | 49,666 |

[1]*Revenue passenger kilometres*
*Source: El país*

**IAG Group: 2012 Consolidated Results**

| € million | 2012 | 2011* |
|---|---|---|
| **Total revenue** | **18,117** | **16,103** |
| Total fuel, oil costs, emission charges | 6,101 | 5,088 |
| Total operating costs | 18,730 | 15,659 |
| Operating profit/loss | (613) | 444 |
| **Profit/loss after tax** | **(923)** | **582** |

** Excludes 21 days Iberia pre-merger* *Source: Company report*

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## AIRCRAFT & ENGINE NEWS

### BOC Aviation delivers first Embraer 190 aircraft to Jetairfly

BOC Aviation delivered the first of two new EMBRAER 190 aircraft to Jetairfly, an airline subsidiary of TUI Travel, one of the world's leading leisure travel companies. The leases for both aircraft were signed last year and the second aircraft is scheduled for delivery next month. The E190s are configured with 112 slim line seats in a single-class layout for Jetairfly. The company plans to operate the aircraft from Brussels airport to various destinations in its European network including Faro in Portugal, Málaga in Spain, and Zakynthos in Greece.

### Air Lease Corporation signs for 10 Boeing 777-300ERs

Boeing and Air Lease Corporation announced an order for 10 777-300ERs (extended range) airplanes. The order, valued at $3.2bn at current list prices, adds to the growing portfolio of long-haul airplanes for the Los Angeles-based leasing company. ALC has ordered 185 airplanes from Boeing including 78 Next-Generation 737s, 80 737 MAXs, 12 787 Dreamliners and 15 777-300ERs. The leasing company also has reconfirmation rights on 20 additional 737 MAX airplanes.

### First A350 XWB with wings emerges for outdoor testing

The first A350 XWB – MSN001 – now showing its completed wings, has moved to its next phase of ground testing, from Roger Béteille A350 XWB FAL "Station 30" to the Clément Ader area "Station 18" in Toulouse. The aircraft is structurally complete and shows the installed winglets, belly fairing panels, main landing gear doors. The aircraft has recently completed successfully a series of indoor ground tests including stability tests on 'movable' elements such as rudder, elevators, ailerons and wing spoilers and landing gears extraction/retraction. The next steps which will take place outdoors at Station 18 will include three planned families of tests: Fuel tanks testing – including levels, flows, sealing and internal fuel transfer functions; pressure testing of the fuselage; and radio equipment testing.

The first A350 XWB emerging for testing *Airbus*

### Mesa Air Group to extend partnership with US Airways

Mesa Air Group reached an agreement with US Airways to add an additional nine aircraft to its fleet of 38 CRJ-900 aircraft. The term

SOUTH AFRICAN AIRWAYS TECHNICAL

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**SAA Technical (SOC) Limited**
**(Reg. No 1999/024058/07)**
**Situated at OR Tambo International Airport**
**Republic of South Africa**
(Hereinafter referred to as "SAAT")

**REQUEST FOR BID (RFB) FOR THE FOLLOWING:**

**RFB NO. SAAT010/12**

**REQUEST FOR BID FOR THE MAINTENANCE TIME & MATERIAL (T&M) OF CFM56-5C3 AND CFM56-5C4 ENGINES AS OPERATED BY SOUTH AFRICAN AIRWAYS AND/OR MAINTAINED BY SOUTH AFRICAN AIRWAYS TECHNICAL FROM TIME TO TIME, CURRENTLY THIS NUMBERS 39 ENGINES**

Enquiries may be directed **ONLY** in writing to the Project Manager:
Belinda Rothquel – belindarothquel@flysaa.com
Fax No.: (011) 978 2638

SAAT hereby invites suitably qualified suppliers to tender for the above request.
RFB documents will be made available for download on ***www.flysaa.com***
(Click on "About Us", then "SAA Tenders") from
Tuesday **26 February 2013**.

The submission closing date for the RFB is **19 March 2013, 11h00 (GMT).**
No late submissions will be considered.

of this new agreement is eight years. Under the agreement, Mesa will continue to provide US Airways Express service out of US Airways' hubs in Phoenix, AZ and Charlotte, NC. Mesa currently operates a total of 62 aircraft with approximately 350 daily system departures to 88 cities, 34 states, the District of Columbia, Canada, and Mexico. Mesa operates as US Airways Express and United Express under contractual agreements with US Airways and United Airlines, respectively, and independently as go!.This operation links Honolulu to the neighbor island airports of Hilo, Kahului, Kona and Lihue.

## AAR completes sale of ten 737-400 aircraft to MAS from joint venture portfolio

AAR and its joint venture partner have completed the sale of 10 Boeing 737-400 aircraft to Malaysian Airline System Berhad (MAS), which the Company announced in November 2012. The sale is consistent with the Company's stated goal to reduce its investment in aircraft leasing. AAR's portfolio now includes four aircraft held in joint ventures and two aircraft that are wholly-owned. At its peak in 2007, the Company held a total of 42 aircraft in its joint venture and wholly-owned portfolios. The transaction closed during the third quarter and will generate net cash proceeds of approximately $20m and a modest recorded gain during the Company's current fiscal year 2013. Due to joint venture accounting, there will be no impact on reported sales.

## Air New Zealand to lease two new Boeing 777-300ER's from Air Lease Corporation

Air Lease Corporation announced long term lease agreements with Air New Zealand for two new Boeing 777-300ER aircraft delivering in 2014. "We are very pleased to further our relationship with Air Lease Corporation with the addition of these two 777-300ER aircraft to our fleet. These aircraft are a great fit to our network and will allow us in the coming years to lift our growth aspirations in the growing Pacific Rim markets," said Rob McDonald, chief financial officer of Air New Zealand.

## Sukhoi Civil Aircraft Company delivers first Sukhoi Superjet 100 to Sky Aviation

The first Sky Aviation Sukhoi Superjet 100 arrived in Indonesia. The aircraft, Manufacture Serial Number 95022, is the first of twelve SSJ100 aircraft ordered by the Indonesian carrier. Built by Sukhoi Civil Aircraft Company (SCAC) in its Komsomolsk-on-Amur assembly line, the aircraft completed its interiors' installation and painting in Ulianovsk site and finally flew to Jakarta Halim Perdanakusuma International Airport.

## Boeing delivers first 777 built at increased rate

Boeing delivered the first 777 built at the increased production rate of 8.3 per month, or 100 airplanes per year. The airplane, a 777 Freighter, was delivered to Korean Air. In the past 32 months, the 777 program has increased its production rate twice. The rate went from five to seven per month in 2011, and now to the all-time high of 8.3 per month. 1,072 777s have been delivered through the end of January and a total of 1,431 have been ordered from 66 customers around the globe.

## GECAS to lease three Airbus A319s to new customer Donavia

GE Capital Aviation Services Limited (GECAS) will lease three Airbus A319 aircraft to new customer Donavia, a subsidiary of Aeroflot. The aircraft will expand the airline's fleet and are scheduled for delivery in March, April and May. Donavia, based in southern Russia, currently operates 10 aircraft to domestic and international destinations.

## Airbus and JetBlue unveil 1st A320 in North America with Sharklets

JetBlue Airways unveiled the first of its Airbus A320 aircraft to be outfitted with Sharklets. The aircraft – registration number N821JB – is also the first of any North American airline to feature the fuel-saving structures. Sharklets are newly designed wing tip devices that improve the aerodynamics of Airbus aircraft and significantly cut fuel burn and emissions by up to 4%.

## Asia-Pacific to drive demand for bigger and more efficient aircraft

Asia-Pacific airlines will lead global demand for larger and more eco-efficient aircraft types over the next 20 years, according to the latest market forecast for the region by Airbus.

The forecast was presented on February 25th in Singapore by John Leahy, chief operating officer, Customers, Airbus. Altogether, airlines from the region will take delivery of around 9,870 new passenger and cargo aircraft during the forecast period, valued at US$1.6 trillion. This represents 35% of all new aircraft deliveries worldwide over the next 20 years, ahead of Europe and North America. In terms of value, the region will account for 40% of the global market for new airliners, reflecting the higher proportion of widebody aircraft required by Asia-Pacific carriers.

In the passenger market, the fleet of aircraft operated by Asia-Pacific carriers is expected to more than double in the next 20 years, from 4,300 aircraft today to a total of 10,440 jets, based on higher than average annual traffic growth of 5.8% and replacement of nearly 3,500 aircraft in service today. Reflecting the high levels of urbanisation in the Asia-Pacific region, traffic will continue to be concentrated around a growing number of major cities, with larger aircraft providing the most efficient means of meeting demand while overcoming airport constraints.

As a result, Airbus predicts that carriers in the region will acquire some 3,840 widebody aircraft over the next 20 years, accounting for 44% of worldwide demand in the larger aircraft categories. The widebody deliveries to the region will include 3,080 twin-aisle aircraft, such as the A330 and all-new A350 XWB, and around 760 very large aircraft with over 400 seats, such as the A380, for the busiest routes. At the top end of the market, the region will lead global demand for airliners such as the A380, accounting for 45% of deliveries in this size category.

While Asia-Pacific carriers will lead demand in the larger aircraft segments, the latest Airbus forecast also sees the number of single aisle aircraft in the region accelerating in the coming years. This will be largely driven by the ongoing growth in the low cost sector, which has increased by seven per cent annually for the last ten years. This growth, plus replacement cycles, will generate demand for some 6,030 new single aisle aircraft in the region, such as the best-selling A320 Family.

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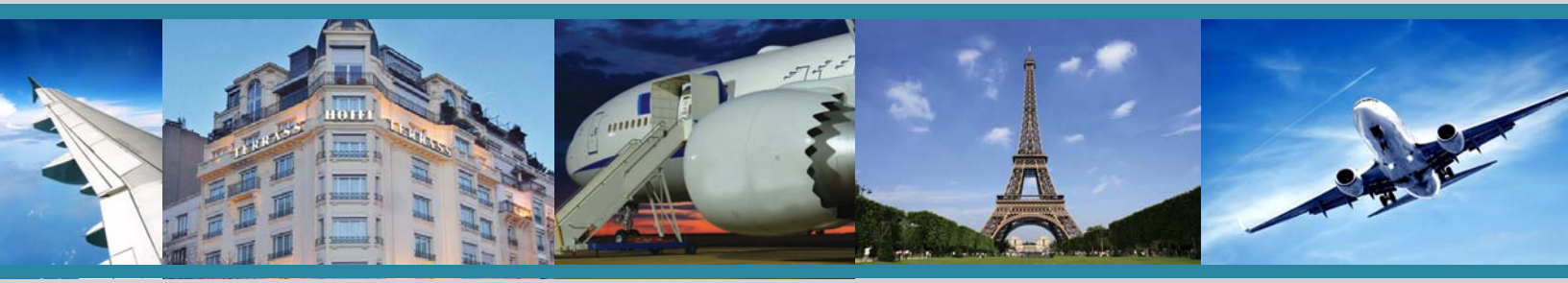

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## MRO & PRODUCTION

### P&W transforms Middletown assembly area for new PurePower PW1100G-JM and F135 engines

Pratt & Whitney completed the first phase of an assembly-floor transformation project at its Middletown, Conn., facility that prepares the Engine Center to produce its portion of PurePower PW1100G-JM engines for the Airbus A320neo and increases production capacity for the F135 engine powering the F-35 Lightning II for the U.S. Military.

### JetBlue Airways and Airbus reach agreement to retrofit A320 fleet with Sharklets

JetBlue Airways signed a letter of intent with Airbus to acquire 110 ship-sets of retrofit Sharklets for the airline's in-service A320 aircraft. Deliveries are scheduled to start in 2014. Just last week, JetBlue Airways unveiled the first of its A320 aircraft to be outfitted with Sharklets. Sharklets are newly designed wing tip devices that are expected to improve the aerodynamics of Airbus aircraft and significantly cut fuel burn and emissions by up to 4%.

### Air Astana selects JorAMCo to provide C-checks

JorAMCo won its first maintenance service contract with the Kazakhstan based airline Air Astana. JorAMCo will, among other things, perform C-checks on three of Air Astana's Embraers 190. The first-time collaboration between the two companies is set to take place in March and June of this year, and with JorAMCo's experience and expertise in delivering high-quality maintenance services, JorAMCo aims to establish long-standing ties with Air Astana for the E190 and support additional fleet types within its network. Air Astana is Kazakhstan's national carrier and provides scheduled flights to domestic and international destinations in Asia, the CIS, Europe, the Middle and Far East.

### Honeywell supports China Eastern Airlines in increasing safety and efficiency of its fleet

Honeywell Aerospace extended its strategic partnership with China Eastern Airlines, signing several agreements to increase the safety, efficiency and performance of its growing fleet of aircraft. Through these agreements, Honeywell will provide a range of avionics products for 58 new Boeing 737NG aircraft, scheduled to be delivered over the next five years. Honeywell will also provide wheels and brakes for 15 new Airbus A330 aircraft. This would bring the total number of Airbus

### AEI launches conversion program for Bombardier CRJ100 and CRJ200 aircraft

Aeronautical Engineers (AEI) formally launched a Passenger to Freighter Conversion Program for Bombardier's CRJ100 and CRJ200 aircraft. The program has been studied for over a year and the aircraft will be marketed as CRJ100 and CRJ200 Special Freighter (SF) aircraft. The program development costs are being fully funded by AEI. The modification touch labor will be performed at AEI's leading Authorized Conversion Center, Commercial Jet, which is located at the Miami International Airport. In connection with the launch of the CRJ100 and CRJ200 SF aircraft program, AEI has become a Bombardier licensed Third Party Supplemental Type Certificate (STC) Provider and plans to make the conversion available to its worldwide network of Authorized Conversion Centers upon issuance of the STC by the FAA. AEI expects the initial certification to take two years and plans to certify the program with the FAA, Transport Canada, EASA, CAAC and Russian authorities.

AEI launched its conversion program for Bombardier CRJ aircraft (above) *AEI*

### Ameco Beijing performs cabin Mod for Boeing 738s of Air China

On February 27, Ameco Beijing completed the first Boeing 737-800 cabin modification for Air China. The cabin modification of Air China Boeing 737-800 fleet aims at elevating cabin service quality and leading China aviation market, mainly including the work scope of the first class cabin layout modification and PC power system installation. Starting from April 1, Ameco Beijing will perform another ten Boeing 737-800 aircraft cabin modifications for Air China. The Boeing 737-800s cabin modifications come as one of Air China cabin upgrade projects just after the Airbus A321s, Airbus A330s, Boeing 777-200s, cabin modifications in recent two years.

### Cebu Pacific selects HAECO for A330 maintenance

Cebu Pacific Air, the Philippines' largest carrier, appointed Hong Kong Aircraft Engineering Company (HAECO") as the provider of engineering services for its fleet of up to eight Airbus A330-300 aircraft. The HAECO group will provide Inventory Technical Management (ITM) and Fleet Technical Management (FTM) services for Cebu Pacific's wide-body fleet of A330-300 aircraft. The services include detailed planning of regular comprehensive maintenance checks, pool management of components, management of component repairs and overhauls, as well as 24/7 AOG support. Cebu Pacific will use the Airbus A330s to launch long-haul operations in the second half of 2013. It recently announced it will commence daily services to its first long-haul destination: Dubai.

Signing ceremony for the new HAECO-Cebu Pacific tie-up *HAECO*

A330 aircraft in China Eastern Airlines' fleet equipped with Honeywell wheels and brakes to 51 by 2015.

## Singapore Airlines selects UTC Aerospace to provide wheels and carbon brakes

UTC Aerospace Systems was selected by Singapore Airlines to supply the wheels and carbon brakes for its fleet of eight new Boeing 777LR aircraft. The company will provide the equipment through its Wheels & Brakes business in Troy, Ohio. The first aircraft is scheduled for delivery in August 2013.

## STS Component Solutions expands support to Rotorcraft and Business Jet markets

STS Component Solutions announced the expansion of its service and support offerings into the helicopter and business jet markets. This growth is a result of the development of new OEM partnerships that have been established wit hDonaldson Company, Skurka Aerospace and Esterline Mason in addition to increasing the current portfolio support in these markets for MarathonNorco and Avionic Instruments. OEM support and service offerings by STS in the rotorcraft market will be primarily focused on: Bell Helicopter 200 and 400 Series; Augusta Westland Models AW101, AW109, AW119, AW139, AW169 and AW189; Sikorsky S76 and S92; Eurocopter EC120, EC135, EC145, Ecureuil (AS350) and the Dauphin (AS365). As to the business jet market, OEM support and service offerings will be primarily focused on: PT6 Engine; PW100 and PW300 Engine; Cessna Citation and Caravan; Pilatus PC12; Learjet 30, 50, 60 and 80 Series; Gulfstream; Falcon Jet; Beechcraft King Air and 1900; DeHaviland DHC-7 and DHC-8.

## Rockwell Collins wins more content on Airbus A350 XWB with rudder/brake pedal assembly award

Rockwell Collins was selected by Airbus to provide the rudder/brake pedal assembly for the A350 XWB family of aircraft. The previously announced Rockwell Collins-supplied products and solutions for the A350 XWB, including the aircraft's communications, information management, landing and navigation systems, are valued at $2.5bn over the life of the program. More than 600 A350 XWBs have been ordered by airlines throughout the world.

## Turkish Technic and Astra Airlines sign Landing Gear Services contract for A320 Aircraft

Astra Airlines chose Turkish Technic as the landing gear maintenance services provider for its Airbus A320 aircraft. The newly signed contract is the first business agreement between the two parties. The services will be carried out at Turkish Technic Istanbul facilities in February 2013.

## Jet Aviation Dubai receives FAA approval for new Gulfstream G650

Jet Aviation Dubai received approval from the Federal Aviation Administration to provide line and base maintenance to Gulfstream G650 aircraft. Jet Aviation Dubai was recently authorized to provide maintenance, alterations and repair services to the new ultra-long-range, ultra-large-cabin Gulfstream G650. This approval was highly anticipated by customers and the company is currently supporting G650 aircraft.

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**SAA Technical (SOC) Limited**
**(Reg. No 1999/024058/07)**
**Situated at OR Tambo International Airport**
**Republic of South Africa**
(Hereinafter referred to as "SAAT")

**REQUEST FOR BID (RFB) FOR THE FOLLOWING:**

**RFB NO. SAAT002/13**
**RECLAMATION OF UNSERVICEABLE AIRCRAFT ENGINE AND APU PARTS**

Enquiries may be directed **ONLY** in writing to the Project Manager:
Rohit Hansjee – Rohithansjee@flysaa.com
Fax No.: (011) 978 2638

SAAT hereby invites suitably qualified suppliers to tender for the above request.
RFB documents will be made available for download on ***www.flysaa.com***
(Click on "About Us", then "SAA Tenders") from
Tuesday **26 February 2013**

The submission closing date for the RFB is **12 March 2013, 11h00 (GMT).**
No late submissions will be considered.

## FINANCIAL NEWS

### Republic Airways reports quarterly and full year 2012 net income

Republic Airways reported full year 2012 net income of $51.3m, a $203.1m improvement from the full year 2011 results of a net loss of $151.8m. The Company also reported fourth quarter 2012 net income of $12.6m, a $136.1m improvement over the fourth quarter 2011 net loss of $123.5m.

### Exchange Income to acquire Regional One for $80m

Exchange Income Corporation signed a stock purchase agreement to acquire all of the shares of Regional One, a privately-owned US provider of aircraft and engine aftermarket parts to regional airline operators. The deal is valued at approximately $80m, subject to adjustments for taxes, and will be funded through the issuance of the Corporation's common shares and debt financing. The acquisition is expected to be immediately accretive to the Corporation's earnings per share and free cash flow per share. The closing of the transaction is subject to receipt of regulatory approvals and other standard conditions. The transaction is expected to close by April 1, 2013. Miami-based Regional One was founded in 2004 and has three main revenue streams being direct sales of parts, aircraft, engines and other related equipment to regional airlines, consignment sales of customers' surplus parts inventory and leasing of aircraft, engines and equipment to regional airlines.

### Top global banks selected to fund new Air Pacific aircraft

Air Pacific, Fiji's national carrier soon to be flying as 'Fiji Airways', announced that it had selected German-based international aviation banks KfW IPEX-Bank and Helaba to finance three new A330-200 aircraft. The selection of its banking partners is the result of a RFP process overseen by financial advisory consultancy SkyWorks Capital which issued the Air Pacific RFP in late 2012 to a number of major international aviation banks, and thereafter received seven firm proposals involving 11 separate banks, including five of the top global Export Credit banking groups.

### IAG posts consolidated and combined results for 2012

International Airlines Group reported consolidated results for the year to December 31, 2012. In addition, IAG presented combined results for the comparative year to December 31, 2011, including Iberia's first 21 days of January in 2011. Combined operating loss for the year to December 31, 2012 were €23m before exceptional items, compared to operating profit of €485m in 2011. After exceptional items operating loss for the year not including Iberia restructuring and impairment was €68m, compared to guidance in November of €120m. Before exceptional items, British Airways made an operating profit of €347m in the year to December 31, 2012 and Iberia made an operating loss of €351m. Non-operating charges for the year were €384m, including €266m related to non-cash pensions accounting requirements. Loss before tax for the year of €997m (2011: profit before tax of €503m), including restructuring charge of €202m for the Iberia transformation plan and €343m impairment of Iberia intangible assets. Revenue for the year was up 10.9% to €18,117m (2011: €16,339m), including €872m or 5.4 % currency impact. Fuel costs were up 20.4%t o €6,101m (2011: €5,068m before exceptional items). Capital investment reached €1,239m (2011: €1,071m) including over €400m on pre-delivery payments for future aircraft. Group net debt was up €741m to €1,88m (December 2011: €1,148m).

### Airbus reports strong full year results 2012

Airbus' consolidated revenues increased by 17% to €38,592m (FY 2011: €33,103m), reflecting strong commercial aircraft deliveries. The Airbus consolidated EBIT more than doubled to €1,230m (FY 2011: €584m). Airbus Commercial revenues amounted to €36,943m (FY 2011: €31,159m), driven by record commercial deliveries of 588 (FY 2011: 534), including 30 A380s. A total of 585 deliveries were booked with revenue recognition with the remaining three placed on operating lease. Revenues also benefitted from favourable U.S. dollar rates. Airbus Commercial's reported EBIT amounted to €1,125m (FY 2011: €543m). The Airbus Commercial EBIT before one-off of €1,647m (FY 2011: €485m) benefited from an improved operational performance including favourable volume and pricing, net of escalation. It also reflected the hedge rate improvement. The Division's self-financed R&D expenses fell slightly to €2,442m. During 2012, Airbus Commercial registered 914 gross orders (FY 2011: 1,608 gross orders). Net orders totalled 833 (FY 2011: 1,419). These net orders comprised 739 A320 Family aircraft (ceo and neo), 85 A330/A350XWBs and nine A380s.

### Air Lease Corporation reports fourth quarter 2012 results

Air Lease Corporation reported another consecutive quarter of fleet, revenue, profitability and financing growth: revenues increased 95% to $656m for the year ended December 31, 2012 compared to $337m for the year ended December 31, 2011. Revenues increased 65% to $190m in the fourth quarter of 2012 compared to $115m in the fourth quarter of 2011. Income before taxes increased 146% to $204m for the year ended December 31, 2012 compared to $83 million for the year ended December 31, 2011. Income before taxes increased 58% to $61m in the fourth quarter of 2012 compared to $39m in the fourth quarter of 2011. ALC added 14 aircraft (including 11 aircraft from its order book and three opportunistic/incremental aircraft) and sold one aircraft from its fleet, growing the fleet to 155 aircraft spread across a diverse and balanced customer base of 69 airlines in 40 countries.

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## OTHER NEWS

**Hawaiian Airlines** flight attendants have ratified a tentative agreement reached earlier this month between the company and the Association of Flight Attendants (AFA) on new contract terms covering the operation of long-range, single-aisle aircraft the company plans to acquire to complement its current fleet of wide-body aircraft serving Hawai'i from the U.S. West Coast. On January 7, Hawaiian announced the signing of a Memorandum of Understanding with airframe manufacturer Airbus to acquire 16 new A321neo aircraft between 2017 and 2020, with rights to purchase an additional nine aircraft. The company also announced that the acquisitions are contingent upon the signing of new agreements with its pilots' and flight attendants' unions covering operation of the new aircraft type. Hawaiian's pilots ratified a similar agreement between the company and the Air Line Pilots Association on January 28. The fleet expansion is expected to generate roughly 1,000 new jobs at Hawaiian.

Abu Dhabi-based **Etihad** paid $70m to the Indian carrier Jet for London landing slots. The move by Etihad fuelled investor hopes that the Gulf carrier could be close to a long-anticipated deal to purchase a stake in the Indian airline. Jet shares jumped almost 20% to a day's high of Rs537.75 after Etihad confirmed that it has paid $70m for the landing slots at London's Heathrow Airport. This investment would bolster Jet's balance sheet and help lower its debt of $2.6 bn, analysts said.

The new **Full Flight Simulator** (FFS) for training on the SSJ100 aircraft, installed at the SuperJet International (SJI) Training Center in Venice (Italy), has been successfully certified by EASA and it is now ready for training with the registration number IT-069. This SSJ100 FFS is the first simulator for a Russian civil aircraft that achieved the certification by the European Aviation Safety Agency EASA. This certification is closing the STD (Synthetic Training Device) Evaluation Team (SET) process for the devel-

### Liebherr-Aerospace Toulouse expands with new logistics centre

Liebherr-Aerospace Toulouse SAS, Toulouse (France), is expanding its facilities by building a two-story logistics center. Construction started in mid-November 2012, with the new logistics center being scheduled to commence operations at the end of 2013. On a surface of 6,300 m², the building will house all logistic-related activities – goods receiving, incoming quality inspection, warehousing, finished goods warehousing and shipping – as well as office areas for administration, purchasing, supplier quality assurance and other support functions for logistics. The two buildings currently accomodating logistics will then be used to house the assembly shop, the production and the repair shop for heat exchangers. Liebherr-Aerospace will thus be able to optimize the industrial processes at its Toulouse site. All in all, the investment will allow the company to further enhance its performance regarding quality and on-time deliveries and to even better support its air framer and operator customers.

Blueprint of the new logistics centre currently under construction at Liebherr-Aerospace Toulouse *Liebherr Aerospace*

## MILITARY & DEFENSE

### Royal Saudi Air Force accepts Airbus Military A330 MRTT into fleet

The Royal Saudi Air Force formally inducted into service the Airbus Military A330 MRTT new generation tanker/transport aircraft. The aircraft is the first of a batch of three that have now been contractually delivered. Deliveries of a second batch of three which were subsequently ordered will begin at the end of 2014. They will be used to refuel RSAF fighters including the F-15, Typhoon and Tornado. A330 MRTTs have now been delivered to all four current customers – Australia, Saudi Arabia, UAE and UK.

### CFM56-2 performance upgrades yielding results for USAF

The U.S. Air Force (USAF) is now operating the first of a planned fleet of 1,440 CFM56-2 engines (military designation F108) upgraded as part of the CFM Performance Upgrade Program (C-PUP). The engines power the USAF fleet of KC-135R Stratotanker aircraft and the program is expected to be completed over the next 12 years. In addition, the U.S. Navy has also ordered upgrades for 75 engines in its E-6B Mercury aircraft fleet. The C-PUP configuration incorporates new high-pressure compressor airfoils designed using three-dimensional aerodynamic techniques to improve engine efficiency. As a result, the upgrade will provide a 1.5% improvement in engine specific fuel consumption, which equates to as much as 3.8m gallons of fleet fuel burn reduction by the end of the fifth year at projected upgrade rates. In addition, new high-pressure turbine hardware that incorporates the latest materials technology will extend engine life by improving the EGT (exhaust gas temperature) margin by 15 degrees Celsius. Every degree of EGT margin equates to 1,000 more hours on wing.

### U.S. Air Force selects the A-29 Super Tucano for Light Air Support program

The U.S. Air Force (USAF) selected the Embraer Defense and Security's A-29 Super Tucano for its Light Air Support (LAS) program. The aircraft will be supplied in partnership with Sierra Nevada Corporation (SNC) as the prime contractor, and will be used to conduct advanced flight training, aerial reconnaissance, and light air support operations. After a thorough rebidding process, the USAF considered the overall solution offered by Embraer Defense and Security and SNC to be the superior choice for this critical mission.

**Lufthansa Technical Training** was cleared by the National Aviation Authority of Germany (LBA) to offer online exams for officially approved courses at the LTT training sites in Hamburg and Frankfurt. Holger Beck, chief commercial officer at LTT: "We're very happy about the successful introduction of electronically supported examination procedures. The new process is highly efficient, reduces the expense involved in setting up and post-processing the exam, largely eliminates human error and is at the same time extremely user-friendly. It's a very good example of how modern media can be deployed to reduce costs, boost quality and promote acceptance." This project was characterized by a high degree of complexity, as the requirements on the execution of the exam and, in particular, its validation to the National Aviation Authority of Germany (LBA), are stringent. In this connection, issues like "systems failure during an exam" or "validation in the case of possible incorrect entries" had to be considered in comprehensive detail. Having examined this concept and its technical implementation, the National Aviation Authority of Germany of Germany (LBA) had granted Lufthansa Technical Training clearance to conduct this form of exam. The feedback from the first candidates was very positive. They assessed this form of exam as modern and professional. Singled out for particular praise were the improved presentation and legibility of the exam questions and the technical ease of use.

## INFORMATION TECHNOLOGY

**ADSoftware**, an international aviation software firms, released that **Air Cote d'Ivoire**, the national carrier of Ivory Coast has signed with ADSoftware to implement AIRPACK Fleet Management System and Logistics Solutions. AIRPACK is comprised of AirTime (fleet management – CAMO), AirStock (inventory control – logistics), AirDoc (documentation management), AirUser (security management). In February 2013 ADSoftware welcomed Air Cote d'Ivoire as the latest customer to join the AIRPACK community. The young airline becomes the 13th African based operator to implement the system. ADSoftware is now the leader in the African market with clients in Algeria, Morocco, Ivory Coast, Burkina Faso, Mali, Botswana, Mauritania and Sudan. Considered by the French government as an Innovative Company, ADSOFTWARE has created a great business model by investing in client-support and relying on a network of recognized ground-breaking experts with vast experience on similar aviation projects around the world.

Air Côte d'Ivoire (above) signed up with ADSoftware *AirTeamImages*

opment of the device, which has seen the joint participation of EASA, the training provider SuperJet International, the aircraft manufacturer Sukhoi Civil Aircraft Company and the simulator manufacturer L3. This simulator, which arrived in Venice for installation last December, was submitted to an extensive phase of on-site testing and finally to the approval of the EASA SET, which has confirmed the compliance of the device with the level D certification's requirements, in accordance with EASA-FSTD A. The FFS will provide SSJ100 customers with type rating courses as well as recurrent training. Interjet pilots will be the first to start training in Venice on the new simulator at the end of February. Six pilots and four technicians have already started the ground course managed by SuperJet International's instructors.

## MRO Exchange launches world's first online MRO marketplace

MRO Exchange LLC announced the launch of MROmarketplace.com, the aviation industry's first online marketplace that facilitates the procurement of aircraft maintenance repair, and overhaul projects by maintenance repair organizations (MROs) and other aircraft service providers.

"MROmarketplace.com addresses an important need within the aviation MRO industry- the procurement of maintenance, repair and overhaul projects by MROs in an online marketplace," said Vince Mariano, CIO of MRO Exchange LLC.

"For the first time, MROs and aircraft owner-operators will have an online platform to expedite the RFP/RFQ/RFT process, enabling them to more quickly identify the most suitable worldwide transactional partners for maintenance, repair, and overhaul work required on aircraft. MROs can also post their facility's slot availability for a specific type of aircraft or powerplant, enabling aircraft owner-operators to more quickly respond to slot openings as they become available."

MRO Exchnage's CIO Vince Mariano *MRO Exchange*

Given the projected expansion of the worldwide aircraft fleet, the rapid growth of the MRO industry in emerging Latin American, Asia-Pacific and Middle East markets and the increasing amount of aircraft maintenance work that is outsourced to third parties, MROmarketplace.com helps aircraft owner-operators to more quickly identify the ideal MRO partners for their maintenance work and reduce aircraft downtime.

MROmarketplace.com also enables MROs to identify maintenance projects that meet its capabilities and achieve greater efficiencies within existing operational capacity. MROmarketplace.com and its multi-tiered subscription/pricing plan enables all industry players from the smallest general aviation aircraft owner to the largest aircraft lessors the ability to participate in and more fully leverage the global MRO marketplace.

**Airbus** and **Thai Airways International** (THAI) signed an agreement for Maintenance Training Collaboration to develop a long term strategic partnership. As part of this, THAI would become Airbus' local maintenance training centre in the region and will initially provide maintenance type-training capabilities for A320 and A330. This partnership, based in Bangkok, is aimed at developing the training capabilities locally, based on respective strengths and assets of THAI and Airbus. The scope of such collaboration will include:

- Integration of THAI's instructors into Airbus' global maintenance training organisation;
- Enabling of EASA 147 approval in Thailand for type and basic maintenance training;
- Providing Airbus type rating for 'B1' & 'B2' (mechanical and avionics) certifying staff;
- Providing Airbus Training Media, courseware and course curriculum for trainees;
- Conducting examinations for candidates in line with Airbus standards.


## Recommended Events

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+44 [0] 7941 969401
everest@everestevents.co.uk

**ISTAT Americas 2013**
Orlando, FL, USA, 10-12 March, 2013. (Event brochure)

**Technical Aspects of a Leased Asset Maintenance Reserves Training Seminar**
Terrass Hotel, Paris, France, 19-20 March, 2013. (Event brochure)

**AFCA 2013: Aircraft Finance and Commercial Aviation**
Barcelona, Spain, 8-10 April 2013. (Event brochure)

**EASA Regulations and Continuing Airworthiness Records Management**
Dublin, Ireland, 15-16 April, 2013. (Event brochure)

**ISTAT Asia 2013**
ANA Intercontinental, Tokyo, Japan, 12-14 May, 2013. (Event brochure)

**Operating Lease Training Seminar 2013**
Alexandria, Virginia, USA, 21-23 May, 2013. (Event brochure)

*Click here for more aviation events*


*Continued from page 1*

The group admitted that the risks inherent in the restructuring plan are high, and include: 'delayed implementation, widespread labour conflict, operational disruption, political interference, legal risk around testing new labour reforms and a lack of employee focus'.

In a direct reference to the Spanish unions, Walsh said that it must be understood that the problems have to do with Iberia, not with the group as a whole. "The future of Iberia will be determined by its capacity to function efficiently, and to be competitive", he said, adding that the severe financial downturn affecting Spain is not solely responsible for Iberia's losses for the year.

## INDUSTRY PEOPLE

- Atlanta-based Precision Aviation Group (PAG) reported the promotion of **David Taylor** to Sales manager of its subsidiaries, Precision Heliparts — Canada (PHP-C) and Precision Accessories & Instruments — Canada (PAI-C). Based in Vancouver, Canada, Taylor will assist the sales team in reaching record sales goals and increasing the market share of PHP-C and PAI-C in the territory among mission critical operators and maintenance facilities.

- Rockwell Collins released that **Greg Churchill**, executive vice president, International and Service Solutions, will retire at the end of March after more than 30 years of service with the company. **Colin Mahoney** will succeed Churchill as senior vice president, International and Service Solutions, effective immediately. Mahoney joined Rockwell Collins in 1987. A native of the United Kingdom, he previously served as vice president of Sales, Marketing, and Support in Commercial Systems, and has held numerous leadership and business development positions in the U.S., as well as in Europe and Asia.

- Marshall Aerospace and Defence Group announced the creation of a new all-encompassing Aviation Services unit which brings together the management of Cambridge Airport, Business Aviation and the newly-launched 'one call, one team' JETability business. Aviation Services will be headed by **Steve Jones** as managing director who sees his remit broadened to include Cambridge Airport, effective immediately.

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editor@avitrader.com

## Commercial Jet Aircraft

| Aircraft Type | Company | Engine | MSN | Year | Available | Sale / Lease | Contact | Email | Phone |
|---|---|---|---|---|---|---|---|---|---|
| A310-300F | Apollo Aviation Group | CF6-80C2 | | 1986 | Now | Sale / Lease | Erik Castillo | erikc@apollo.aero | + (305) 579-2340 |
| A320-200 | World Star Aviation Services | CFM56-5A1 | 371 | 1992 | Now | Lease | Garreth Slevin | gslevin@worldstaraviation.com | +1 415-956-9426 |
| A340-300 | Willis Lease | CFM56-5C | | | Q2/2013 | Sale / Lease | Dave Johnson | djohnson@willislease.com | +1 415 408 4730 |
| A340-300 | Willis Lease | CFM56-5C | | | Q2/2013 | Sale / Lease | Dave Johnson | djohnson@willislease.com | +1 415 408 4730 |
| B737-232 | Jet Midwest Inc. | JT8D-15A | 23086 | 1984 | Now | Sale / Lease | Paul Kraus / Cathy Liu | p.jetlease@verizon.net | +1 310 652 0296 |
| B737-2H4 | Jet Midwest | JT8D-9A | 22062 | 1980 | Now | Sale / Lease | Paul Kraus / Cathy Liu | p.jetlease@verizon.net | +1 310 652 0296 |
| B737-300 | AerSale | CFM56-3B1 | 23440 | 1986 | Now | Sale / Lease | Craig Wright | craig.wright@aersale.com | +1 (305) 764 3238 |
| B737-300 | AerSale | CFM56-3B1 | 23441 | 1986 | Now | Sale / Lease | Craig Wright | craig.wright@aersale.com | +1 (305) 764 3238 |
| B737-300 | World Star Aviation Services | CFM56-3C1 | 28738 | 1998 | Mid 2013 | Lease | Garreth Slevin | gslevin@worldstaraviation.com | +1 415-956-9426 |
| B737-300 | World Star Aviation Services | CFM56-3C1 | 28872 | 1998 | Spring 13 | Lease | Tommy Guttman | tguttman@worldstaraviation.com | +972-5-4422-0000 |
| B737-300 | ORIX Aviation | CFM56-3B2 | 28560 | 1997 | Nov 2014 | Sale | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| B737-300 | ORIX Aviation | CFM56-3B2 | 28567 | 1997 | Nov 2014 | Lease | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| B737-300F | ORIX Aviation | CFM56-3B1 | 24710 | 1990 | Q3/2013 | Sale | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| B737-300F | Safair Operations | CFM56-3B2 | | | Now - Wet Lease / ACMI | | C. Schoonderwoerd | corneliss@safair.co.za | +27 11 928 0000 |
| B737-300QC | Safair Operations | CFM56-3B2 | | | Now - Wet Lease / ACMI | | C. Schoonderwoerd | corneliss@safair.co.za | +27 11 928 0000 |
| B737-322 | GA Telesis | CFM56-3C1 | 23950 | 1988 | Now | Sale / Lease | Harris Koutounidis | hkoutounidis@gatelesis.com | +1-954-676-3111 |
| B737-400 | World Star Aviation Services | CFM56-3C1 | 24332 | 1990 | Spring 13 | Lease | Tommy Guttman | tguttman@worldstaraviation.com | +972-5-4422-0000 |
| B737-400 | World Star Aviation Services | CFM56-3C1 | 24706 | 1991 | Now | Lease | Garreth Slevin | gslevin@worldstaraviation.com | +1 415-956-9426 |
| B737-400 | ORIX Aviation | CFM56-3B2 | 24552 | 1989 | Q2/2013 | Lease | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| B737-400 | AerSale | CFM56-3C1 | 25417 | 1991 | Now | Sale / Lease | Craig Wright | craig.wright@aersale.com | +1 (305) 764 3238 |
| B737-700 | Amentum Capital | CFM56-7B22 | 34320 | 2005 | Aug 2013 | Lease | Noel Healy | marketing@amentum-capital.com | +353 1 639 8111 |
| B737-700 | Amentum Capital | CFM56-7B22 | 34321 | 2005 | Nov 2013 | Lease | Noel Healy | marketing@amentum-capital.com | +353 1 639 8111 |
| B737-800 | ORIX Aviation | CFM56-7B24 | 33995 | 2005 | Q4/2013 | Lease | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| B737-800 | ORIX Aviation | CFM56-7B24 | 33602 | 2006 | Q4/2013 | Lease | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| B747-400 | AerSale | PW4056 | 25699 | 1993 | Now | Sale / Lease | Craig Wright | craig.wright@aersale.com | +1 (305) 764 3238 |
| B747-400ERF | Amentum Capital | CF6-80C2B5F | 37303 | 2009 | Now | Sale | Noel Healy | marketing@amentum-capital.com | +353 1 639 8111 |
| B747-400ERF | Amentum Capital | CF6-80C2B5F | 35172 | 2007 | Now | Sale | Noel Healy | marketing@amentum-capital.com | +353 1 639 8111 |
| B747-400ERF | Amentum Capital | CF6-80C2B5F | 35170 | 2007 | Now | Lease | Noel Healy | marketing@amentum-capital.com | +353 1 639 8111 |
| B757-200 | mba- Aircraft Solutions | RB211-535E4B | 24590 | 1990 | Now | Sale | Jacob Agnew | jagnew@mbaas.aero | +1 703-276-3202 |
| B757-200 | World Star Aviation Services | RB211-535-E4 | 24544 | 1990 | Now | Lease | Garreth Slevin | gslevin@worldstaraviation.com | +1 415-956-9426 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 24749 | 1990 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 25436 | 1991 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 25437 | 1991 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 25438 | 1992 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 25439 | 1992 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 25440 | 1992 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 25441 | 1992 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 25901 | 1992 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 26433 | 1993 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 26434 | 1993 | Feb 2013 | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200 | Aerolease Aviation, LLC | PW2040 | 26435 | 1993 | Now | Sale / Lease | Jep Thornton | jep@aerolease.com | +1 407-782-7600 |
| B757-200F | AerSale | RB211-535E4 | 23767 | 1987 | Now | Sale / Lease | Craig Wright | craig.wright@aersale.com | +1 (305) 764 3238 |
| B767-200ER | Jet Midwest Inc. | PW4056 | 24007 | 1988 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| B767-200ER | Jet Midwest Inc. | JT9D-7R4D | 24325 | 1989 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| B767-200ER | Jet Midwest Inc. | JT9D-7R4D | 24145 | 1988 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| B767-222 | Jet Asia Aiways Co. Ltd. | JT9D-7R4D | 21868 | | Now | ACMI, Wet L. | Kevin Lee | klee@flyjetasia.com | +1 310 944 0327 |
| B767-246 | Jet Asia Aiways Co. Ltd. | JT9D-7R4D | 23214 | | Now | ACMI, Wet L. | Kevin Lee | klee@flyjetasia.com | +1 310 944 0327 |
| B767-300ER | AerSale | RB211-524H | 24338 | 1990 | Now | Sale / Lease | Bill Kmiotek | bill.kmiotek@aersale.com | +1 (646) 379-5042 |
| B777-2H6ER | GA Telesis | | 28418 | 1999 | Now | Sale / Lease | Harris Koutounidis | hkoutounidis@gatelesis.com | +1-954-676-3111 |
| DC9-15 | Jet Midwest Inc. | JT8D-7B | 47152 | 1967 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| DC10-30F | Bristol Associates | CF6-50C2 | 47925 | 1974 | Now | Sale | Ed McNair / Pete Seidlitz | bristol@bristolassociates.com | +1 202-682-4000 |
| DC10-30F | Bristol Associates | CF6-50C2 | 47929 | 1975 | Now | Sale | Ed McNair / Pete Seidlitz | bristol@bristolassociates.com | +1 202-682-4000 |
| L100-30 | Safair Operations | 501-D22 | | | Now - Wet Lease / ACMI | | C. Schoonderwoerd | corneliss@safair.co.za | +27 11 928 0000 |
| MD82 | GA Telesis | JT8D-219 | 49924 | 1990 | Now | Sale / Lease | Harris Koutounidis | hkoutounidis@gatelesis.com | +1-954-676-3111 |
| MD82 | GA Telesis | JT8D-219 | 49923 | 1990 | Now | Sale / Lease | Harris Koutounidis | hkoutounidis@gatelesis.com | +1-954-676-3111 |
| MD82 | GA Telesis | JT8D-219 | 49989 | 1990 | Now | Sale / Lease | Harris Koutounidis | hkoutounidis@gatelesis.com | +1-954-676-3111 |

## Commercial Jet Aircraft (cont.)

| Aircraft Type | Company | Engine | MSN | Year | Available | Sale / Lease | Contact | Email | Phone |
|---|---|---|---|---|---|---|---|---|---|
| MD82 | GA Telesis | JT8D-219 | 49736 | 1989 | Now | Sale / Lease | Harris Koutounidis | hkoutounidis@gatelesis.com | +1-954-676-3111 |
| MD82 | Jet Midwest Inc. | JT8D-217C | 49988 | 1990 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| MD82 | Jet Midwest Inc. | JT8D-219 | 49325 | 1986 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| MD82 | Jet Midwest Inc. | JT8D-217C | 49286 | 1985 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| MD82 | Jet Midwest Inc. | JT8D-217C | 49287 | 1985 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| MD82 | Jet Midwest Inc. | JT8D-217C | 49342 | 1987 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| MD82 | Jet Midwest Inc. | JT8D-217C | 49988 | 1990 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| MD83 | Wayzata | JT8D-219 | 53022 | 1990 | Now | Sale | David Dotzenroth | ddotzenroth@wayzpartners.com | +1 952-345-0739 |
| MD83 | Wayzata | No Engines | 53472 | 1997 | Now | Sale | David Dotzenroth | ddotzenroth@wayzpartners.com | +1 952-345-0739 |
| MD83 | Wayzata | No Engines | 53473 | 1997 | Now | Sale | David Dotzenroth | ddotzenroth@wayzpartners.com | +1 952-345-0739 |
| MD83 | World Star Aviation Services | JT8D-219 | 49808 | 1991 | Now | Lease | Garreth Slevin | gslevin@worldstaraviation.com | +1 415-956-9426 |
| MD83 | Jet Midwest Inc. | JT8D-219 | 53189 | 1995 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| MD83 | Jet Midwest Inc. | JT8D-219 | 49663 | 1987 | Now | Sale / Lease | Paul Kraus | paul.kraus@jetmidwest.com | +1 310 652 0296 |
| MD90-30 | AerSale | V2528-D5 | 53493 | 1998 | Now | Sale / Lease | Shane O´Connell | shane.oconnell@aersale.com | +353 (87) 0638243 |
| MD90-30 | AerSale | V2528-D5 | 53497 | 1998 | Now | Sale / Lease | Shane O´Connell | shane.oconnell@aersale.com | +353 (87) 0638243 |
| MD90-30 | AerSale | V2528-D5 | 53506 | 1998 | Now | Sale / Lease | Aidan Harrison | aidan.harrison@aersale.com | +353 (86) 3890787 |

## Regional Jet / Turboprop Aircraft

| Aircraft Type | Company | Engine | MSN | Year | Available | Sale / Lease | Contact | Email | Phone |
|---|---|---|---|---|---|---|---|---|---|
| ATR42-300 | Willis Lease | PW121 | | | Now | Sale / Lease | Dave Johnson | djohnson@willislease.com | +1 415 408 4730 |
| ATR72-200 | Willis Lease | PW124B | | | Now | Sale / Lease | Dave Johnson | djohnson@willislease.com | +1 415 408 4730 |
| CRJ200LR | GA Telesis | CF34-3B1 | 7295 | 1999 | Now | Sale / Lease | Harris Koutounidis | hkoutounidis@gatelesis.com | +1 954 676 3111 |
| 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 | | 145332 | 2000 | Now | Sale / Lease | Ed McNair / Pete Seidlitz | bristol@bristolassociates.com | +1 202-682-4000 |
| ERJ-135LR | Bristol Associates | | 145334 | 2000 | Now | Sale / Lease | Ed McNair / Pete Seidlitz | bristol@bristolassociates.com | +1 202-682-4000 |
| ERJ-135LR | Bristol Associates | | 145323 | 2000 | Now | Sale / Lease | Ed McNair / Pete Seidlitz | bristol@bristolassociates.com | +1 202-682-4000 |

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## Commerical Engines

| Engine Type | 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** | | | | | |
| (2) AE3007A1 | Now - Sale / Lease | Engine Lease Finance | Ciaran McGlynn | ciaran.mcglynn@elfc.com | +353 61 291729 |
| (1) AE3007 | Now - Sale/Lease/Exch. | Willis Lease | Marty Jones | mjones@willislease.com | +1 (561) 809-0454 |
| (1) AE3007A1 | Now - Sale / Lease | Rolls-Royce & Partners Finance | Bobby Janagan | bobby.janagan@rolls-royce.com | +44 20 7227 9078 |
| **CF34 Engines** | | | | | |
| CF34-3A1/B1 (multiple available) | Now - Sale/Lease/Exch. | Magellan Group | Bill Polyi | bill.polyi@magellangroup.net | +1 (704) 504-9204 |
| (1) CF34-8E5 | Now - Lease | Lufthansa Technik AERO Alzey | Tobias Konrad | t.konrad@lhaero.com | +49 (0) 6731 497461 |
| (2) CF34-10E5 | | | | | |
| (1) CF34-10E6 | Now - Sale / Lease | GA Telesis | Eddo Weijer | eweijer@gatelesis.com | +1-954-676-3111 |
| (1) CF34-3B1 | Now - Sale/Lease/Exch. | Willis Lease | Marty Jones | mjones@willislease.com | +1 (561) 809-0454 |
| (1) CF34-8E5A1 | Now - Lease | AeroCentury | Frank Pegueros | frank.pegueros@aerocentury.com | +1 650 340 1888 |
| CF34-8E(s) | Now - Sale / Lease | GECAS Engine Leasing | Sherry Riley | engine.leasing@gecas.com | +1 (513) 782-4272 |
| **CF6 Engines** | | | | | |
| (2) CF6-80C2B1F | Now - Sale/Lease/Exch. | Apollo Aviation Group | Erik Castillo | erikc@apollo.aero | +1 (305) 579-2340 |
| (multiple) CF6-80C2A2/A5 | Now - Sale/Lease/Exch. | | | | |
| (1) CF6-80C2B4F | Now - Lease | Willis Lease | Ann Lee | alee@willislease.com | +1 (415) 408 4769 |
| (1) CF6-50C2 | Now - Sale / Lease | CTS Engines | Konrad J Walter | kwalter@ctsengines.com | +1 954 889 0600 |
| (1) CF6-80C2B4 | Now - Sale / Lease | | Jim Green | jgreen@ctsengines.com | + 1 954 889 0639 |
| (1) CF6-80C2B6 | Now - Sale / Lease | | Jim Green | jgreen@ctsengines.com | + 1 954 889 0639 |

## Commerical Engines (cont.)

| Engine Type | Sale / Lease | Company | Contact | Email | Phone |
|---|---|---|---|---|---|
| **CF6 Engines (cont.)** | | | | | |
| (1) CF6-80C2B6F | Now - Sale/Lease/Exch. | TES Aviation Group | Lee Whitehurst | lee.whitehurst@tes-uk.com | + 44 (0) 7760884250 |
| (1) CF6-80C2B2 | Now Lease | AeroTurbine | Todd Power | tpower@aeroturbine.com | +1 214-240-1145 |
| (1) CF6-80C2B6F | Apr 13 - Lease | ORIX Aviation | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| (2) CF6-80C2A2 | Now - Sale / Lease | GA Telesis | Eddo Weijer | eweijer@gatelesis.com | +1-954-676-3111 |
| (1) CF6-50 C2/E2 | Now - Sale | Patriot Aviation Services | Virgil Pizer | virgil@patriotaviation.com | +1 (954) 462-6040 |
| (5) CF6-50 | Now - Sale / Lease | Phoenix Aer Capital | Bob Gallagher | r.gallagher@aircraftsystemsgroup.com | +1(727)376-9292 |
| (1) CF6-80C2B1F | Now - Lease | Engine Lease Finance | Joe Hussar | joseph.hussar@elfc.com | +1 (617)828-3569 |
| (2) CF6-80C2B1F (QEC avialable) | Now - Sale/Lease/Exch. | AerSale. Inc. | Tom McFarland | tom.mcfarland@aersale.com | +1 305 764-3208 |
| (1)CF6-80C2D1F (QEC avialable) | Mar 13 - Sale/Lease/Exch. | | | | |
| **CFM56 Engines** | | | | | |
| (1) CFM56-7B24 | Now - Lease | Engine Lease Finance | Joe Hussar | joseph.hussar@elfc.com | +1 617 828-3569 |
| (1) CFM56-5A3 | Now - Lease | | | | |
| (2) CFM56-3B2 | Now - Sale | World Star Aviation Services | Garreth Slevin | gslevin@worldstaraviation.com | +1 415-956-9426 |
| (1) CFM56-3C1 | Now - Sale | | | | |
| (2) CFM56-3C1 | Now - Sale / Lease | Royal Aero | Frank Rustmeier | frank@royalaero.com | +49 (0)8025 99360 |
| (1) CFM56-5A3 | Oct 13 - Sale / Lease | | | | |
| (2) CFM56-5B4P | Now - Sale / Lease | | | | |
| (1) CFM56-5C4 | Feb 13 - Sale / Lease | | | | |
| (1) CFM56-3C1 | Now - Sale | Patriot Aviation Services | Virgil Pizer | virgil@patriotaviation.com | +1 (954) 462-6040 |
| (2) CFM56-5B4/P (with QEC) | Now - Sale / Lease | TPG Credit | Rich Gauvin | rich.gauvin@tpgcredit.com | +1 (612) 851 3022 |
| (5) CFM56-3C1 | Now - Sale / Lease | Aergo Group | Michael Moore | mmoore@aergogroup.com | +353 1 676 1077 |
| (2) CFM56-5C3 | Now - Sale/Lease/Exch. | Magellan Group | Bill Polyi | bill.polyi@magellangroup.net | +1 (704) 504-9204 |
| (1) CFM56-3C1 (ZERO TSLSV) | Now - Sale/Lease/Exch. | Lufthansa Technik Airmotive Irel. | Alan Phelan | engines@ltai.ie | +353-87-2786738 |
| (1) CFM56-3C1 (SERV) | Mid Mar 13 - Lease | | | | |
| (2) CFM56-3B1 (SERV) | Now - Sale/Lease/Exch. | | | | |
| (2) CFM56-3C1 (ZERO TSPR) | Now - Sale/Lease/Exch. | | | | |
| (1) CFM56-3B2 (ZERO TSLSV) | End Mar 13 Now - Sale/Lease/Exch. | | | | |
| (3) CFM56-5A1/F | Now - Sale / Lease | GA Telesis | Eddo Weijer | eweijer@gatelesis.com | +1-954-676-3111 |
| (1) CFM56-5B4 | Now - Sale / Lease | | | | |
| CFM56-3(s) | Now - Sale/Lease/Exch. | SES | Ivan Graydon | marketing@ses.ie | + 353 61 70 6463 |
| CFM56-5A(s) | Now - Sale/Lease/Exch. | | | | |
| CFM56-5B(s) | Now - Sale/Lease/Exch. | | | | |
| CFM56-7B(s) | Now - Sale/Lease/Exch. | | | | |
| (1) CFM56-5A3 | Now - Lease | Willis Lease | Ann Lee | alee@willislease.com | +1 (415) 408 4769 |
| (1) CFM56-5B4/P | Now - Lease | | | | |
| (1) CFM56-7B24 (Non-TI) | Now - Lease | | | | |
| (1) CFM56-7B24/3 | Now - Lease | | | | |
| (3) CFM56-3C1 | Now - Sale / Exchange | AeroTurbine | Todd Power | tpower@aeroturbine.com | +1 214-240-1145 |
| (2) CFM56-5A3 | Now - Sale / Exchange | | | | |
| (2) CFM56-5A1 | Now - Lease | | | | |
| (1) CFM56-3B2 | Now - Sale / Exchange | | | | |
| (1) CFM56-3B1 | Now - Sale / Exchange | | | | |
| (2) CFM56-3B2 | Now - Lease | | | | |
| (9) CFM56-3C1 | Now - Lease | | | | |
| (2) CFM56-3 | Now - Sale / Lease | Apollo Aviation Group | Erik Castillo | erikc@apollo.aero | +1 (305) 579-2340 |
| (multiple) CFM56-5C4 | Now - Sale/Lease/Exch. | | | | |
| (2) CFM56 – 5C3 | Now - Sale/Lease/Exch. | Magellan Group | Bill Polyi | bill.polyi@magellangroup.net | +1 (704) 504-9204 |
| (1) CFM56-7B20 | Now - Sale/Lease/Exch. | | | | |
| (1) CFM56-5C4 | Now - Lease | ORIX Aviation | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| (3) CFM56-3B2 | Now - Sale / Lease | | | | |
| (1) CFM56-5B4P | Now - Lease | LeLacAero, LLC | Michelle Ketcham | Info@lelacaero.org | +1 302-365-0750 |
| (1) CFM56-5A1 | Now - Sale / Lease | Tradewinds Engine Services | Brad Pleimann | bpleimann@tesllc.aero | +1 954-242-5924 |
| (1) CFM56-5A | Now - Sale/Lease/Exch. | TES Aviation Group | Lee Whitehurst | lee.whitehurst@tes-uk.com | + 44 (0) 7760884250 |
| (2) CFM56-3C1 | Now - Sale/Lease/Exch | PSG Turbines LLC | Karl Drusch | kdrusch@psgjets.com | +1-817-296-2705 |
| (2) CFM56-5A | Now - Sale | GECAS Engine Leasing | Sherry Riley | engine.leasing@gecas.com | +1(513)782-4272 |
| **JT8D Engines** | | | | | |
| (2) JT8D-219 | Now - Sale/Lease/Exch | PSG Turbines LLC | Karl Drusch | kdrusch@psgjets.com | +1-817-296-2705 |
| (1) JT8D-217C | Now - Sale / Lease | GA Telesis | Eddo Weijer | eweijer@gatelesis.com | +1-954-676-3111 |
| (1) JT8D-219 | Now - Sale / Lease | | | | |
| (1) JT8D-219 or -217 | Now - Sale / Lease | Jet Midwest | Cathy Liu | cathy@jetmidwest.com | +1 310-652-0296 |
| (1) JT8D-219 | Now - Lease | World Star Aviation Services | Garreth Slevin | gslevin@worldstaraviation.com | +1 415-956-9426 |
| (2) JT8D-219 | Now - Sale / Lease | Phoenix Aer Capital | Bob Gallagher | r.gallagher@aircraftsystemsgroup.com | +1(727)376-9292 |

## Commerical Engines (cont.)

| Engine Type | Sale / Lease | Company | Contact | Email | Phone |
|---|---|---|---|---|---|
| **JT9D Engines** | | | | | |
| (2) JT9D-7R4D/E | Now - Sale | Patriot Aviation Services | Virgil Pizer | virgil@patriotaviation.com | +1 (954) 462-6040 |
| (1) JT9D-7A | Now - Sale | | | | |
| (2) JT9D-7R4 | Now - Sale / Lease | Phoenix Aer Capital | Bob Gallagher | r.gallagher@aircraftsystemsgroup.com | +1(727)376-9292 |
| (1) JT9D-7R4D overhauled | Now - Sale / Lease | Jet Midwest | Cathy Liu | cathy@jetmidwest.com | +1 310-652-0296 |
| (34) JT9D-7R4D | Now - Sale / Lease | | | | |
| **PW Small Engines** | | | | | |
| PW100's (all models) | Now - Sale/Lease/Exch. | Magellan Group | Bill Polyi | bill.polyi@magellangroup.net | +1 (704) 504-9204 |
| PW100s (all models) | Now - Sale / Lease | Lufthansa Technik AERO Alzey | Tobias Konrad | t.konrad@lhaero.com | +49 (0) 6731 497461 |
| (5) PW150A (also Pooling available) | Now - Lease | | | | |
| (2) PW121 (ATR) | Now - Sale/Lease/Exch. | Willis Lease | Marty Jones | mjones@willislease.com | +1 (561) 809-0454 |
| (1) PW121 (Dash 8) | Now - Sale/Lease/Exch. | | | | |
| (2) PW127F | Now - Sale/Lease/Exch. | | | | |
| (1) PW127M | Now - Sale/Lease/Exch. | | | | |
| (1) PW124B | Now - Sale/Lease/Exch. | | | | |
| (2) PW150A | Now - Sale/Lease/Exch. | | | | |
| (1) PW121 | Now - Sale / Lease | Royal Aero | Frank Rustmeier | frank@royalaero.com | +49 (0)8025 99360 |
| (1) PW150 (TT=0) | Now - Sale/Lease/Exch. | Magellan Group | Bill Polyi | bill.polyi@magellangroup.net | +1 (704) 504-9204 |
| **PW4000 Engines** | | | | | |
| (1) PW4056-3 | Now - Sale/Lease/Exch. | GA Telesis | Eddo Weijer | eweijer@gatelesis.com | +1-954-676-3111 |
| (1) PW4056-1 | Now - Sale / Lease | | | | |
| (1) PW4060-3 | Dec 14 - Sale / Lease | Royal Aero | Frank Rustmeier | frank@royalaero.com | +49 (0)8025 99360 |
| (1) PW4168A | Now - Sale/Lease/Exch. | TES Aviation Group | Lee Whitehurst | lee.whitehurst@tes-uk.com | + 44 (0) 7760 884250 |
| (1) PW4168A | Now - Lease | Willis Lease | Ann Lee | alee@willislease.com | +1 (415) 408 4769 |
| (1) PW4060 | Now - Lease | | | | |
| (1) PW4168A | Now - Sale / Lease | Engine Lease Finance | Joe Hussar | joseph.hussar@elfc.com | +1 (617)828-3569 |
| (1) PW4056-1C | Now - Sale / Lease | Jet Midwest | Cathy Liu | cathy@jetmidwest.com | +1 310-652-0296 |
| **RB211 Engines** | | | | | |
| (1) RB211-535E4 | Now - Sale/Lease | Rolls-Royce & Partners Finance | Bobby Janagan | bobby.janagan@rolls-royce.com | +44 20 7227 9078 |
| (1) RB211-535E4B | Now - Sale/Lease/Exch. | GA Telesis | Eddo Weijer | eweijer@gatelesis.com | +1-954-676-3111 |
| (1) RB211-535E4 | Now - Sale / Lease | Aerolease Aviation | Tim Corley | tcorley@aerolease.com | +1 (360) 825-4699 |
| (1) RB211-535E4-37/B (with QEC) | Now - Sale / Lease | AerSale Inc. | Tom McFarland | tom.mcfarland@aersale.com | +1 305 764 3208 |
| (1) RB211-535E4 | Now - Sale/Lease/Exch. | TES Aviation Group | Lee Whitehurst | lee.whitehurst@tes-uk.com | + 44 (0) 7760 884250 |
| **Trent Engines** | | | | | |
| (1) Trent 800 | Now - Sale / Lease | GA Telesis | Eddo Weijer | eweijer@gatelesis.com | +1-954-676-3111 |
| (1) Trent 556A-62-61 | Apr 15 Sale / Lease | Royal Aero | Frank Rustmeier | frank@royalaero.com | +49 (0)8025 99360 |
| **Tay Engines** | | | | | |
| (multiple) Tay 650-15 | Now - Sale / Lease | Jet Midwest | Cathy Liu | cathy@jetmidwest.com | +1 310-652-0296 |
| **V2500 Engines** | | | | | |
| (1) V2527-A5 | Now - Lease | Willis Lease | Ann Lee | alee@willislease.com | +1 (415) 408 4769 |
| (1) V2500-A1 | Now Sale / Lease | | | | |
| (2) V2533-A5 | Now - Lease | | | | |
| (1) V2500-A1 | Now - Lease | ORIX Aviation | Dave Houlihan | dave.houlihan@orix.ie | +353 87 2458418 |
| (2) V2500-A5 | Now - Sale/Lease/Exch. | IAI | Baruch Krieger | bkrieger@iai.co.il | +972-52-3663071 |
| (1) V2500-A1 | Now - Sale / Lease | GMT Global Republic Aviation | Michael Coviello | mcoviello@GMT-Aviation.com | +1-303-923-2167 |
| (1) V2500-A5 | Now Lease | AeroTurbine | Todd Power | tpower@aeroturbine.com | +1 214-240-1145 |
| (1) V2533-A5 | Now - Sale/Lease/Exch. | TES Aviation Group | Lee Whitehurst | lee.whitehurst@tes-uk.com | + 44 (0) 7760 884250 |
| (1) V2527-A5 | Now - Lease | Engine Lease Finance | Joe Hussar | joseph.hussar@elfc.com | +1 617 828-3569 |
| (1) V2533-A5 | Now - Sale / Lease | | | | |
| (1) V2533-A5 w/QEC | Now - Lease | Rolls-Royce & Partners Finance | Bobby Janagan | bobby.janagan@rolls-royce.com | +44 20 7227 9078 |
| (1) V2527-A5 w/QEC | Now - Lease | | | | |
| (2) V2500-A1 | Now - Sale / Lease | | | | |

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

| Description | | Company | Contact | Email | Phone |
|---|---|---|---|---|---|
| (2) JT9D-7R4G2 HPT Modules | Now - Sale | Patriot Aviation Services | Virgil Pizer | virgil@patriotaviation.com | +1 (954) 462-6040 |
| NEW QEC for V2500 | Now - Sale | Willis Lease | Ann Lee | alee@willislease.com | +1 (415) 408 4769 |
| APU 3800298-1-2 (B767) | Now - Sale / Lease | Jet Midwest | Cathy Liu | cathy@jetmidwest.com | +1 310-652-0296 |
| CFM56-5B, CFM56-7B, V2500 engine stands | Now - Lease | Tradewinds Engine Serv. | Brad Pleimann | bpleimann@tesllc.aero | +1 954-242-5924 |
| 1 CFM56-5B QEC kit p/n 642K9001-211, A320, | Apr 2013 - Sale | Tradewinds Engine Serv. | Brad Pleimann | bpleimann@tesllc.aero | +1 954-242-5924 |
| 1 V2500 QEC kit, p/n 745k9001-46 | Now - Sale | Tradewinds Engine Serv. | Brad Pleimann | bpleimann@tesllc.aero | +1 954-242-5924 |
| (2) V2500-A1 teardown material inventory | Now - Sale | World Star Aviation Serv. | Garreth Slevin | gslevin@worldstaraviation | +1 415-956-9426 |
| CFM56-3 Serv Modules (Fan/Booster/HPT/LPT/ AD compliant Gearbox) | | LHT Airmotive Ireland | Alan Phelan | engines@ltai.ie | +353-87-2786738 |
| (1) PW901A | Now - Lease | LHT AERO Alzey | Tobias Konrad | t.konrad@lhaero.com | +49 (0) 6731 497461 |
| GTCP131-9B, PW901A, GTCP331-200ER, GTCP131-9A, RE220RJ, GTCP331-350C | Now - Sale/Lease/Exch. | Aeroturbine | Aaron Putman | aputman@aeroturbine.com | +1 214-729-4268 |
| APU T62-T-46C12 (Dash 8 Q400) SVC – available now - sale/exchange | | Magellan Group | Ben Murphy or | sales@magellangroup.net | +353 61-474800 x429 |
| APU GTCP36-150RJ (CRJ 100/200) SVC- available now – sale/lease/exch. | | Shannon, Ireland | John McDonnell | | |

## Wanted

| Description | Company | Contact | Email | Phone |
|---|---|---|---|---|
| (1) 737-400 airframe wanted for tear-down purpose, any year of manufacture | Jet Midwest | Cathy Liu | cathy@jetmidwest.com | +1 310-652-0296 |