



Wednesday, January 7, 2009

Volume 2, Issue 1

As part of our commitment to excellence we are proud to welcome you to our company's newsletter.

At Precision Turbines it is important to us to create a newsletter that will appeal to the broad spectrum of clients we serve. We will continue to strive to bring you the most informative and up to date aviation news, and touch on a variety of topics such as, safety, air transport, flight instrumentation, and corporations. We are always open to suggestions, if there are topics you would like to read about, please let us know.

At Precision Turbines we purchase, sell and lease turbofan and turboprop engines, with special focus on the JT15D and it's upgrades. We are totally devoted to serving our customers in an honest and professional fashion. Our employees stand ready to meet your needs in these markets, and we look forward to putting our experience to work for you. We hope to hear from you. www.precisionturbines.aero

PRECISION TURBINES FEATURES FIRST TWO PT6A ENGINES FOR SALE

Precision Turbines, Inc. has officially entered the PT6A market with the recent acquisition of its first two PT6A-135's. Recently out of overhaul with TSO of 309 hours, we are now making these engines available to the market. Precision Turbines, Inc. is a global aviation company specializing in the sales of half-life, overhauled and new engines for Pratt & Whitney Turbofan JT15D, Pratt & Whitney Turboprop PW100, and Rolls-Royce T56 markets—and now expanding into the Pratt & Whitney Turboprop PT6A market to address the ever growing demand of the engine retrofit market. In combination with our partners, we offer our customers engine/aircraft sales, service, support, modifications, and management. Precision Turbines is proud to contractually manage the Citation II fleet for the U.S. Department of Commerce.

BA BOEING 777 HEATHROW CRASH EVIDENCE

Close-up photographs of the fan blades in the port (No 1) and starboard (No 2) Rolls-Royce Trent 800 engines of the British Airways Boeing 777 that crash-landed short of London Heathrow Airport's runway 27L yesterday show dramatically different damage patterns..[Read More](#)

FAA CERTIFIES GARMIN TRANSPONDERS FOR ADS-B

The deadline is still a little more than 11 years away, but Garmin has received FAA certification for making its GTX 330 and GTX 33 transponders ADS-B compatible. ADS-B (automatic dependent surveillance-broadcast) is the satellite-based technology backbone of the coming post-radar air traffic control system. The Garmin transponders will be equipped with 1090 MHz extended squitter (ES) capability that allows them to

send aircraft speed, altitude, heading, and identity messages to ADS-B-equipped aircraft and ground stations. The company based in Olathe, Kan., is the first to receive FAA certification for ADS-B transponders designed for the general aviation market..[Read More](#)

PRATT & WHITNEY BULLISH ON GEARED TURBOFAN

Twenty years in development, the new geared turbofan engine from Pratt & Whitney is currently nearing the completion of tests and the company sees big things in its future. The engine is designed to cut fuel burn by 12 percent, compared to the most modern engines currently available, and should be scalable. "We see the geared turbofan concept playing out for the whole future family of engines," Pratt & Whitney President Steve Finger recently told Reuters. Pratt hopes that after 2013 the engines will find a broad range of applications, beginning with upcoming regional jet aircraft from Bombardier and Mitsubishi and scaling up to produce more than 95,000 pounds of thrust. "Whatever happens" said Finger, "we don't believe anyone can bring anything that can compare with a geared turbofan for a long time."..[Read More](#)

AD FOR ALTERNATE STATIC AIR SOURCE SELECTOR VALVE ON CESSNAS

The FAA has issued an [airworthiness directive AD](#) that will take effect on Jan. 5 and require the inspection of the alternate static air source selector valve. The valve must be inspected to determine whether the part number identification placard obstructs the alternate static air source selector valve port. If it does, the placard should be removed, and the FAA should be notified. The AD affects certain Cessna 172, 175, 177, 180, 182, 185, 188, 206, 207, 208, 210, 303, 336, and 337 series aircraft. The AD is intended to prevent erroneous indications from the altimeter, airspeed, and vertical speed instruments.

NEW "SECOND-GENERATION" BIOFUEL PASSES AIRLINER TEST

A fuel mix of 50/50 conventional Jet A1 and fuel derived from the seeds of the jatropha tree passed its first flight test this week, in an Air New Zealand Boeing 747-400. The flight lasted about two hours and several tests were conducted, including shutting down and restarting the test engine. "All the parameters that we observed were as expected," said Air New Zealand chief pilot David Morgan. The engine will be taken apart and examined by Rolls Royce for signs of any problems. The fuel was refined and blended in the U.S. by UOP, a subsidiary of Honeywell, and has a freezing point even lower than standard jet fuel. It is considered a "second-generation" biofuel because it can be produced more sustainably than earlier alternative fuels based on corn or other crops that require a lot of farmland and energy to produce. The jatropha tree is easy to grow in a variety of conditions and it's resistant to drought and pests. It is native to Central America, but has spread to South America, Africa, and Asia, where it grows wild. "Today, we stand at the earliest stages of sustainable fuel development and an important moment in aviation history," Air New Zealand Chief Executive Rob Fyfe said shortly after the flight. Officials from the airline have said they hope to supply 10 percent of the airline's fuel needs with biofuel by 2013..[Read More](#)

NBAA COUNTERS NTSB ICING ALERT

The NTSB recently issued a Safety Alert advising pilots that the procedures they have been taught regarding the use of de-icing boots may not be safe, but the National Business Aviation Association said this week that operators "should continue to base their decisions about de-icing on their experience and judgment." The NTSB alert said

that pilots shouldn't wait "for a prescribed accumulation of leading-edge ice before activating the de-ice boots because of the believed threat of ice bridging." Ice bridging has never been implicated as the cause of an accident, and is extremely rare, and may not exist at all, the NTSB said, and delaying the use of the boots has been noted in "numerous incidents and accidents." NBAA said it believes "proving the existence of ice bridging after an accident is difficult, and many documented cases resulted in successful outcomes due to the skill and professionalism of the flight crew." Misuse of the de-icing boots was cited as a factor in the NTSB report on the crash of a Cessna Citation 560 in Pueblo, Colo., in February 2005, in which all eight people on board were killed. At that time, the NTSB asked the FAA to require all manufacturers and operators of airplanes equipped with pneumatic leading-edge de-ice boots to revise their manuals and training programs to emphasize that the boots should be activated as soon as the airplane enters icing conditions.. [Read More](#)

SOUTHWEST AIRLINES 737 FLIGHT DECK MODERNIZATION

Boeing has been selected by Southwest Airlines as the lead integrator for the airline's 737-300 flight deck upgrade to incorporate advanced performance-based navigation capabilities. Boeing will design, install and integrate.. [Read More](#)

EMBRAER PHENOM 100 EARNS ITS LICENSE TO FLY Christmas came early for Embraer. The Brazilian manufacturer's first clean-sheet business aircraft, the Phenom 100 light jet, was certified on December 9 by the Agência Nacional de Aviação Civil of Brazil and three days later by the FAA, bringing Embraer a step closer to its goal of becoming "a major player" in the business aviation market. The.. [Read More](#)

EUROPEAN CITATION FLEET NOW MAKES A GRAND

Cessna took the size of its European Citation fleet to 1,000 aircraft on December 16 when it delivered a Citation XLS to Turkish charter operator Bonair. Pictured below at the company's Wichita headquarters are Bonair president Ates Hanibu; Cessna chairman, president and CEO Jack Pelton; senior v-p of sales and marketing Roger Whyte; v-p of international.. [Read More](#)

FAA TEAMS WITH NETJETS TO TEST NEXTGEN

Columbus, Ohio-based fractional provider NetJets Aviation last month forged an agreement with the FAA to become the agency's latest NextGen partner. Under the agreement, NetJets will focus on NextGen initiatives such as area navigation (Rnav) and required navigation performance (RNP) approaches on routes into Teterboro (N.J.) Airport; WAAS, which allows for.. [Read More](#)

SEVEN AIRLINES SUE FAA OVER CREW-REST REGULATIONS

Five passenger airlines and two cargo carriers have sued the FAA over new regulations that require additional rest for crews on long-haul routes. American Airlines and Continental Airlines, the lead plaintiffs in the suit, argue that the regulations are both illegal and ineffective. The companies are asking the U.S. Court of Appeals for the District of Columbia to review the rules, which impose "substantial burdens and costs" on the carriers.. [Read More](#)

NTSB FOCUSES ON WIND GUSTS IN DENVER RUNWAY INCIDENT

The NTSB is confirming strong, gusty winds at Denver International Airport at the time Continental Airlines Flight 1404 was set to take off, and sources say investigators appear to be focused on the weather as a likely culprit in the Dec. 20 runway crash. Ini-

tial investigations have not revealed any mechanical problems with the Boeing 737, and the runway was reported to be free of snow and ice..[Read More](#)

CHINA TO OPEN BUSINESS JET HUB

The first business jet hub in China is expected to open this year at Shanghai Hongqiao Airport. Hongqiao Airport Business Aviation Center, a joint venture between the Shanghai airport authority and Hawker Pacific of Australia, will be able to handle as many as 6,000 aircraft movements a year. Meanwhile, Chinese officials continue to work on opening up..[Read More](#)

VIDEO OF THE YEAR: A320 HAMBURG

This Lufthansa Airbus A320 suffered a wing-tip strike before executing a go-around during an attempt to land at..[Click to See](#)

PRECISION TURBINES AVAILABLE ENGINE INVENTORY

JT15D-1A PCE 77459	TSN 2406	TBO 680 HRS
JT15D-1B PCE 77460	TSN 2407	TBO 594 HRS
JT15D-4B PCE 102268	TSN 6497	TBO 3500 HRS
PT6A-135 PCE 92091	TSN 7189.1	TBO 3290.8 HRS
PT6A-135 PCE 92093	TSN 7176.7	TBO 3279H

*Precision Turbines is an ASR (Authorized Sales Representative) for Sierra Industries and specializes in Citation and King Air Engine retrofits.

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All contacts, comments, and inquiries will be reviewed immediately. You will have a response from our company principal, Robert Spahr, whose personal email address is: rspahr@precisionturbines.aero, just as soon as feasibly possible.

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