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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.net

AIRLINE REGULATORS GRAPPLE WITH ENGINE-SHUTDOWN PERIL

As a Qatar Airways flight dodged thunderstorms on approach to Shanghai in 2006, it encountered a problem that, until recently, was considered virtually impossible: nearly four miles above the earth, both engines of the big Airbus A330 shut down at the same time. The engines quickly restarted and the pilots... [Read More](#)

TAX ADVANTAGES OF SIERRA FJ44 RE-ENGINEING:THE 2008 BUSH STIMULUS PLAN

How to get an FJ44-powered Citation this year at a significant savings.

The recently enacted Stimulus Package includes incentives for new component/equipment upgrades to used aircraft. In brief, the law allows that new contracts entered into as of 1/1/2008 and completed in 2008 may qualify for 50% bonus depreciation in the first year. The remaining basis after bonus is then depreciated on an accelerated basis. The result is a first year deduction equal to 60% of the new component's cost. The aircraft must be completed and placed in service before 1/1/2009 and be used primarily in an active trade or business to qualify. [Read More](#)

WHAT WENT WRONG WITH AMERICAN'S MD80 FLEET?

Airworthiness Directives (or ADs) are issued by the FAA as a part of its Federal Aviation Regulations Part 39, which applies to aircraft, aircraft engines, propellers and appli-

ances. They are published when the FAA determines there is or could be a safety issue now or in the future without taking the prescribed corrective action specified in the directive.



Engineering Change Order calls for proper spacing on ties.



AA mechanics inspecting the direction of retention clips and lacing cords on wire bundles in MD-80 wheel wells.

Due to American's FAA certification, which is the same as all other large airlines, American's engineers have the ability to internally implement ECOs (Engineering Change Orders) to accomplish the AD.

While this is the accepted process for making changes to an airlines fleet, it can also leave room for interpretation to be made as to the best way to write an ECO and accomplish compliance with a given AD for specific aircraft configurations.

The issue with American's MD-80 fleet surrounds questions raised by the FAA about the way in which American implemented a particular ECO addressing the auxiliary pump wiring AD. American completed the ECO within the AD specified time frame, but there was a need to change the way in which American complied with the ECO. Issues such as the spacing of the ties on the wiring bundles and the direction of the retention clips and lacing cords grounded the fleet.

CONTROLLERS HONORED FOR SAVING PILOTS' BACON

Those disembodied voices you hear over the radio take on a new life during emergencies. Suddenly they become comforting, if not your immediate best friends. Take controller Paul Hiel at the Oklahoma City Tracon: On April 10, 2007, he heard several microphone clicks on his frequency, but no voice modulation. Hiel asked if there was an aircraft out there trying to contact approach, and he received more clicks. Hiel guided the Beechcraft Bonanza 36 through instrument conditions and to a safe landing, all without any verbal communication from the pilot—only clicks. For that, he was honored with one of the Archie League Medal of Safety Awards. [Read More](#)

THREE THOUSAND AIR TRAFFIC CONTROLLERS LACKING WORLDWIDE

The worldwide shortage of air traffic controllers, excessive use of overtime and the absence of just culture were among the pressing issues addressed by the more than 300 delegates at... [Read More](#)

DELTA, NORTHWEST TO MERGE, CREATE LARGEST AIRLINE

Delta and Northwest said they have agreed to merge in a deal valued at more than \$3 billion, which would create the world's largest airline. The new Delta will still be headquartered in Atlanta and operate under Delta's flag, but with over \$35 billion in annual revenue and about 75,000 employees. Delta CEO Richard Anderson will lead the combined airline. The deal will combine Delta's strong Atlanta hub and its trans-Atlantic route network, with Northwest's extensive Asian presence, including a hub in Tokyo. The deal must first get past antitrust authorities.

DELTA PILOTS AGREE TO NEW WORK PACKAGE

The pilots union in the US has agreed to a contract with Delta Airlines which will give pilots a pay raise and an equity stake if the carrier merges with... [Read More](#)

LONGEST FLYING F-16 FIGHTER TO BE GROUNDED

The first F-16C to reach 7,000 flying hours will soon be grounded for good later this year. Vermont Air National Guard intends to scrap the jet but some are fighting to... [Read more](#)

CESSNA CITATION MUSTANG REACHES 500-ORDER MILESTONE

Cessna Aircraft Company, a Textron Inc. (NYSE: TXT) company, announced today at the Sun 'n Fun Fly-In in Lakeland, Fla., that it has surpassed 500 orders for the Citation Mustang entry level business jet. [Read More](#)

DUAL GARMINS FOR ECLIPSE 500

[Eclipse Aviation](#) plans to incorporate dual, [panel-mounted Garmin GPS 400W](#) navigation receivers into the Eclipse 500 very light jet. According to Eclipse, the move is designed to give the aircraft's Avio NG avionics suite the "functionality we always said it would have." Once equipped with the new avionics, Eclipse 500 operators should be able to file GPS-direct flight plans, and ultimately, perform vertical navigation with WAAS (Wide Area Augmentation System) guidance. Retrofit plans are still in the works. [Read More](#)

SYNTHETIC VISION CERTIFIED FOR GARMIN G1000

Garmin's just-certified Synthetic Vision Technology (SVT) allows pilots to see a color, three-dimensional view of their surroundings regardless of the weather. Mountains, valleys, lakes, and even airports appear on the G1000 primary flight display just as they would on clear days. SVT will be available to G1000 owners through a software patch that requires no additional hardware. For a close-up look at SVT in an airplane, see this [pilot video](#).

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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.net, just as soon as feasibly possible.

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