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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](http://www.precisionturbines.net)

#### **A FUEL-SAVING MESSAGE FROM YOUR ASI**

The airspeed indicator (ASI) can tell you a great deal about how to fly more efficiently, but few pilots know how to decode its drag-reducing, fuel-saving, and range-extending message. According to Jack Norris, an aerospace engineer and technical director for the 1986 Voyager around-the-world flight, a simple, mechanical ASI (and an understanding of the aerodynamic drag chart and an airplane's best rate of climb speed) is all we need to maximize speed vs. drag. Minimizing drag is the key to reducing fuel burn and extending range. [Read More](#)

#### **FAA, CONGRESS REVISIT ECLIPSE 500 CERTIFICATION**

FAA inspectors are conducting a special certification review of the Eclipse 500 jet. The move is apparently in preparation for a Sept. 17 congressional hearing questioning the FAA's awarding of a type certificate to the company in 2006. Eclipse officials said they welcome the review and believe the aircraft was properly tested and certified. The House Committee on Transportation and Infrastructure will hear results from the Department of Transportation inspector general's office and receive testimony from former Eclipse Aviation employees. [Read More](#)

#### **MASTER TAKEOFFS AND LANDINGS WITH NEW SEMINAR**

In 2007, takeoffs and landings accounted for more than half of all pilot-related accidents. These maneuvers require us to fly close to the ground, near the edges of the airplane's performance envelope. The margin for error is slim, and good judgment and stick-and-rudder skills are a must—especially when crosswinds, obstructions, and short runways enter the picture. That's why the AOPA Air Safety Foundation created a new

safety seminar, "Mastering Takeoffs and Landings," which covers techniques that will help you make smooth, trouble-free departures and arrivals. The free seminar debuts in early September. Find out when it will be in your [area](#), and check out the new Mastering Takeoffs and Landings Safety Advisor.

### **ACCIDENT LEADS TO CHANGE REMOVING COLOR VISION RESTRICTION**

In 2002, a FedEx Boeing 727 crashed into trees on approach to Tallahassee, Fla., resulting in the loss of the aircraft and serious injuries to the three crewmembers. The NTSB investigation determined that the first officer's color vision deficiency was one of several causal factors. As an outcome of that investigation and a subsequent safety recommendation, the FAA has modified its procedures for removing the operational restrictions for color vision deficiency. The new procedures vary depending upon the class of medical applied for or held

### **RUSSIAN MILITARY ACTION TRAPS EPIC PROTOTYPE JET**

Epic Aircraft of Bend, Ore., is experiencing firsthand the effects of the Russian incursion into Georgia. Epic had formed a partnership with Tblisi Aircraft Manufacturing (TAM) with the idea of selling the 412-knot, eight-seat Epic Elite twinjet to the Russian market. The sole Epic Elite prototype is based at Tblisi International Airport in Georgia where it was intended to be used as a demonstrator. Last week, Russian attack aircraft bombed the runways at the Tblisi airport. The TAM facility was spared, but the Elite Jet is trapped on the field.. [Read More](#)

### **THE AIRCELL SYSTEM INSTALLED ON AN AMERICAN 767-200 AIRCRAFT IS NOW OPERATIONAL**

It provides wireless Internet connectivity for passengers. There is also a handset in the cockpit and in the forward cabin for flight attendant use. Aircraft Exterior - there are two blade type antennas on the lower outside surface of the airplane. One is near the marker beacon antenna and the other aft of the main landing gear wheel well. Additionally, there is a small button type antenna on top of the aircraft a little more than half way towards the tail of the aircraft.

### **STANDARD AERO SEEKS TO BROADEN ENGINE MAINTENANCE BUSINESS**

Fresh from the groundbreaking of its new engine maintenance facility Canadian MRO Standard Aero is examining an expansion into maintenance of engines larger than the those it currently maintains that power regional and business aircraft.. [Read More](#)

### **DOUBLE LUXURY- HOW THE AIRLINES ARE CONFIGURING THEIR A380's**

The A380's two passenger decks give airlines a huge blank canvas with which to redefine long-haul air travel, and they have come up with some clever innovations.. [Read More](#)

### **CYLINDER BLEW HOLE IN QANTAS PLANE FUSELAGE, FLOOR:PROBE**

Air safety investigators have blamed an exploding oxygen cylinder for blowing holes in the fuselage and floor of a Qantas plane mid-air, and warn it could happen again. Investigators.. [Read More](#)

### **RYANAIR PLANE LOSES PRESSURE, 16 TAKEN TO HOSPITAL**

Sixteen people were taken to hospital when a Ryanair flight from Britain to Spain made an unscheduled landing at Limoges Airport in France after a loss of cabin pressure, the.. [Read More](#)

### **GULFSTREAM TO START G650 PRODUCTION IN SEPTEMBER**

Gulfstream is close to starting production of the first G650 only six months after launching the new ultra-long-range, ultra-large-cabin business jet. President..[Read More](#)

### **FIRST PRODUCTION CESSNA CITATION CJ4 COMPLETES FIRST FLIGHT**

Cessna Aircraft Company, a Textron Inc.(NYSE: TXT) company, completed the first flight of the first production Citation CJ4 today, just more than three months after the CJ4 prototype initially flew May 5. The 41-minute flight departed McConnell Air Force Base in east Wichita and completed numerous systems evaluations. Flown by Cessna Engineering test pilots David Lewandowski and Dan Morris, the CJ4 returned to Cessna's facility on Mid-Continent Airport as scheduled and where it will continue development and certification testing..[Read More](#)

### **MORE WOMEN TRAVELING BY PRIVATE JET**

The private jet industry has long struggled against the stereotype of the typical user as a well-off guy in a big corporate jet. But as the National Business Aviation Association points out, about 75 percent of the 11,000 business jets in the United States are operated by small to midsize companies and entrepreneurs. And increasingly, especially within that niche, the boss in the company jet is likely to be a woman..[Read More](#)

### **ELITE JETS TAKES DELIVERY OF BRAND NEW GULFSTREAM G450**

Elite Jets, the luxury private jet operator based in Dubai proudly adds to its existing executive aircraft fleet the brand new Gulfstream G450 straight from the manufacturer's plant in the US, a one-of-a-kind business jet that exemplifies excellence in travel for the corporate VIP or leisure traveler in the Middle East..[Read More](#)

### **GO PAST THE SOUND BARRIER IN YOUR OWN SUPERSONIC JET**

Cutting through the sky sooner than the speed of sound is not a far-off dream anymore, for three big companies are developing private planes capable of supersonic flight. And to own one such supersonic jet, all you need to have is a good bank-balance. In 2003, Air France and British Airways retired their Concorde and many feared that this was the end of supersonic passenger flight. However, Lockheed's Skunkworks division is now developing the Quiet Supersonic Transport (QSST), which features a cool gull-wing design and a top speed of Mach 1.8. (Mach 1, about 770 mph, is the speed of sound.)..[Read More](#)

### **EMBRAER SEES STRONG BUSINESS JET DEMAND TO 2017**

Embraer sees worldwide demand for business jets of at least 13,150 over the next 10 years, driven by economic growth in emerging markets, a company executive said on Thursday. The Brazilian aircraft manufacturer expects the global business jet market to ring up about \$ 201 billion in sales through 2017 as more corporations and wealthy individuals leave behind the hassles of commercial air travel. "I'd even say that this number is conservative," Luis Carlos Affonso, Embraer's executive vice president for business aviation, told reporters at the company's main factory outside Sao Paulo..[Read More](#)

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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](mailto:rspahr@precisionturbines.net), just as soon as feasibly possible.

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