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Times have been hard for many of us in the aviation industry this year, but there are still many blessings that each one of us should be thankful for.

A hug from a child, a laugh with a friend or even a passing smile from a stranger, is sometimes enough to weather through even the greatest of storms.

From all of us at Precision Turbines, we would like to say how grateful we are for each and every one of you. We wish you and yours a very Happy Thanksgiving.

www.precisionturbines.aero

SIERRA FJ44 SUPER II AND SUPER S-II GAIN CANADIAN STC APPROVAL. SIERRA RE-ENGINEING MODS ARE NOW APPROVED IN MORE THAN 33 COUNTRIES.

Canada's Department of Transport has amended STC (Supplemental Type Certificate) approval number SA06-54 for Sierra Industries, adding the Citation 550 and S550 models to their existing Williams FJ44 engine upgrades for Cessna Citation 500 and 501 aircraft. Since the initial 2002 certification, Sierra's FJ44 modifications have been applied to 54 aircraft. The high-performance fleet of Citation I, II and S-II aircraft have amassed a total of more than 50,000 hours of Williams engine operation to date. Williams International's 3rd-generation engine technology increases efficiency, reducing fuel burn, operating cost and carbon emissions. Since the 2002 introduction of the FJ44 Eagle II, Sierra's FJ44 fleet has reduced worldwide carbon emissions by an estimated 10,000 tons. The aircraft also enjoy substantial performance improvements, ranging from 35 to 50 knot cruise speed increases and 300 to 400 NM greater range to dramatically improved climb performance. In fact, all 4 models can achieve FL430 at gross weight in under 25 minutes from any North American airport, making them ideal candidates for remote Canadian locations and high altitude airfields.

Call [Precision Turbines](http://www.precisionturbines.com), a Sierra Authorized Sales Rep., for your New Williams engines and Citation Engine Upgrades. 561 350 3028

FORECAST INTERNATIONAL HINTS AT SHIFT IN JET MARKET

In its latest business jet market prediction covering the next 10 years, Forecast International calls for worldwide production of 11,277 business jets worth an estimated \$197 billion. According to the report, total production will decline for the next two years to a low of 716 aircraft in 2011 before beginning its rise through the end of the forecast..[Read More](#)

FAA RULES ON HUDSON RIVER AIRSPACE GO INTO EFFECT

The Federal Aviation Administration enacted new rules for the air corridor over the Hudson River last week. After a small plane and sightseeing helicopter collided in mid-air in August, the FAA has segregated airspace by type of aircraft. Sightseeing aircraft must stay below 1,000 feet, while 1,000 feet to 1,300 feet is reserved for aircraft traveling through the corridor..[Read More](#)

BRITISH AIRWAYS, IBERIA AGREE TO \$7 BILLION MERGER

British Airways (LSE:BAY.L - News) and Spain's Iberia (MCE:IBLA.MC - News) announced on Thursday a preliminary agreement for a \$7 billion merger to create the world's third-largest airline by revenue. The deal, which the companies hope to close by the end of 2010, ends the British flag carrier's long pursuit of Iberia to create an enlarged group, able to cope with the industry's largest downturn in decades..[Read More](#)

AIR FRANCE-KLM CARRIES FIRST PASSENGERS ON BIOFUEL TEST FLIGHT

A KLM 747 took off from Amsterdam's Schiphol Airport on Monday with a 50/50 biofuel blend in one of its four engines. While there have been many alternative-fuel test flights, this was reportedly the world's first such test flight with passengers on board. KLM's CEO and the Dutch economic affairs minister were among the 40 passengers on the historic flight, which was partially powered with fuel derived from the camelina plant..[Read More](#)

TEXAS PILOT WINS U.S. NATIONAL AEROBATIC CHAMPIONSHIPS

Texas pilot Bill Denton has won first place in the intermediate division of the U.S. National Aerobatic Championships. Denton received his pilot's license at age 17 and went on to study at the University of Texas at Austin. "In aerobatics, the key is thinking quickly and adapting in the moment," said Denton..[Read More](#)

COMPANIES REDISCOVER BENEFITS OF FACE-TO-FACE MEETINGS

During the economic downturn, about 85% of companies reduced their spending on business travel. Two recent reports commissioned by business travel groups stressed the bottom-line benefits of business travel. The groups promote business travel, but Henry H. Harteveltdt, a Forrester Research travel analyst, agreed with the reports' findings. "We are social beings," he said. "There are emotional as well as rational benefits to face-to-face meetings." Individual companies are coming to the same conclusion..[Read More](#)

KING AIR 350ER CROSSES THE POND, NONSTOP

Hawker Beechcraft Corp. said one of its modified King Air 350ER (extended range) turboprop twins made a nonstop trans-Atlantic crossing. The airplane was one of four ordered by the United Kingdom Ministry of Defence that will be used as part of the future Military Flying Training System program. The airplane flew from Wichita, Kan., to St. John's, Newfoundland, refueled, and then flew on to Bournemouth International Airport..[Read More](#)

CESSNA DELIVERS FOUR; SEES DEMAND FOR MORE

As evidence of the continuing demand for new aircraft in the Middle East, Cessna handed over four Citations to four separate customers at the Dubai Air Show. Jordan's Arab Wings received a Sovereign, while the Egyptian Aviation Academy took delivery of the first of four Mustangs on order. The Algerian government accepted its new XLS+ and Saudi Arabia-based..[Read More](#)

AIRLINES COULD HAVE REASON FOR THANKS THIS YEAR

With full planes, relatively steady fuel costs and new revenue streams, "virtually all" U.S. carriers should make money this Thanksgiving, according to aviation consultant George Hamlin. The industry needs a good holiday: Airline shares are down 28% for the year, Thanksgiving traffic could be off by 4% and the economic crisis is "anything but behind us," in the words of James May, president and CEO of the Air Transport Association..[Read More](#)

GULFSTREAM: BIZAV MARKET IS 'AWAKENING'

Executives from Gulfstream Aerospace were clearly starting to relax about the economic situation at a Dubai Airshow press conference here this week. The business aircraft manufacturer is banking on an upturn to ensure that its two new jets-the G250 and G650-prove real winners. Both aircraft have been rolled out in recent weeks and are being prepared for..[Read More](#)

MISSOURI RESEARCH LABS GET \$35M IN FEDERAL FUNDS FOR WORK ON ALGAE OIL

The Energy Department has approved a \$35 million research grant for Washington University's Photosynthetic Research Center in St. Louis and the Advanced Biofuels Systems at the Donald Danforth Plant Science Center for their work on algae's oil-producing qualities. State officials said Missouri's water resources, flat terrain and access to fertilizer supplies make it a potential center for algae-fuel production..[Read More](#)

ROYAL JET REMAINS ON FLIGHT PLAN FOR GROWTH

Abu Dhabi-based Royal Jet's diversification and five-year plan have helped maintain its growth during the last year, according to Shane O'Hare, president and CEO. "This has been a good year for Royal Jet. Our business has grown in a declining market, which has increased our market share in the region,"..[Read More](#)

FROM PERFORMANCE TO APPEARANCE, UNITED SEEKS OVERHAUL

United Airlines is revamping its aircraft, clubs and boarding gates in a massive investment designed to overhaul its image and reconnect with customers. United has boos-

ted its on-time performance ranking to No. 2 for the first nine months of the year, allowing it to focus on more esoteric areas, including its cabin interiors. The carrier is gutting its aircraft one by one, giving planes a complete makeover in just four days. Airline consultant Darryl Jenkins says United's new emphasis is right on target. "They're doing what airline people ought to be doing: having good-looking planes flying the schedule." ..[Read More](#)

AIRBUS EXPECTS TO DELIVER 25,000 PLANES IN NEXT 20 YEARS

Airbus analysts have high hopes for the next two decades -- the delivery of 25,000 new passenger and freighter aircraft worth \$3.1 trillion. Airbus expects Asia/Pacific airlines will account for 31% of the new aircraft, followed by Europe with 25% and North America with 23%. Among domestic markets, Airbus expects India to grow 10% over the next 20 years, followed by China at 7.9%

FAA TWEAKS POTENTIAL CONFLICT OF INTEREST RULES

The FAA is proposing limits on the ability of airlines, flight schools, fractional ownership programs and other certificated organizations to hire former FAA personnel to represent them before the FAA in FAA matters. The FAA rule would specifically prevent former FAA safety inspectors and managers from representing a company if the individual had any direct oversight of said company at any time during the preceding two years..[Read More](#)

AMERICAN, DELTA JOCKEY FOR POSITION ON JAL STAKE

American Airlines' proffered investment in Japan Airlines -- reported to be as high as \$1.5 billion -- is motivated by the need to keep Asia's largest carrier in the OneWorld fold, the Fort Worth Star-Telegram reports. "JAL is a key member of American's One-world alliance, and its exit would threaten the entire arrangement," according to the paper, which explains why American would partner with private equity giant TPG to help finance its bid. Meanwhile, Delta Air Lines has put a \$1 billion price tag on its offer, while..[Read More](#)

BAD ROUTER TOOK OUT FAA COMMUNICATIONS

A malfunctioning router was behind the system-wide slowdown of the air traffic control system last Thursday. The glitch occurred in Salt Lake City at the fortunate hour of about 5 a.m. EST. At that time, the router's impending failure resulted in the delivery of misinformation about flight paths and weather to controllers. The problem remained unresolved for four hours, forcing the..[Read More](#)

ATA: AIRLINE REVENUE DOWN 15% IN OCTOBER

October marked the 12th consecutive month of declining airline revenues, according to the Air Transport Association. In year-over-year terms, passenger revenue was down 15% for the month, while the average domestic yield was down 12.9%..[Read More](#)

NO INJURIES IN WESTWIND DITCHING

The crew, a medical team, the patient and the patient's spouse aboard a medical evacuation flight from Samoa to Australia were uninjured after the Pel-Air Westwind

jet ditched in the open ocean in weather that prompted the pilot to ditch rather than trying for the airport at Norfolk Island. In a news release Pel-Air Chairman John Sharp said weather deteriorated as the aircraft commander, Capt. Dominic James, made several tries to get on the pavement for a scheduled fuel stop at Norfolk. As his fuel dwindled he made the hard decision and it worked out..[Read More](#)

FAA PROPOSES DE-ICING STANDARDS FOR SMALL TURBOPROPS

The FAA is proposing mandated de-icing equipment for hundreds of turboprop aircraft that currently lack the technology. In reviewing reports of major icing accidents, the agency found that small turboprops were almost always involved. "We want to make sure all classes of aircraft in scheduled service remain safe when they encounter icing," said FAA Administrator Randy Babbitt. Mid-2012 is the earliest that the new rules could be enforced, and many of the affected aircraft could be retired by then..[Read More](#)

LYCOMING GETS IO-390 STC FOR LEGACY MOONEYS

Owners of older Mooneys now have a new option when it's time for an engine overhaul. Lycoming recently received the FAA OK to replace the original IO-360 Lycoming engine in Mooney M20E, M20F and M20J models with a new or remanufactured IO-390-A3A6 engine. The engine provides more horsepower as well as improved climb and cruise performance, while maintaining the same footprint as the IO-360 engine..[Read More](#)

UNITED WEIGHING OPTIONS ON BIG JET PURCHASE

United Airlines is considering two composite aircraft, the Boeing 787 and the Airbus A350, for its first order in more than a decade, but the carrier denies a deal is imminent. "We are not working toward a specific time frame," says a company spokesman. "We are working toward getting the right deal for the company." United has said it will place a firm order for 25 jets, with options for up to 75 more. Both manufacturers are competing aggressively for the contract, though analysts say Airbus could have an advantage if the decision is based strictly on the planes' price tag..[Read More](#)

SULLENBERGER FINDS FAULT WITH LANGEWIESCHE BOOK

US Airways Capt. Chesley Sullenberger said the new book Fly By Wire, by William Langewiesche, "greatly overstates how much it mattered" that the Airbus A320 he ditched in the Hudson had some automated systems, according to The New York Times. Sullenberger told the Times, "There are some situations where the automation will protect a pilot, but at the same time a highly automated airplane makes possible other types of errors, so it's a mixed blessing. And greater knowledge is required to fly a highly automated aircraft." ..[Read More](#)

EMBRAER, GE PLAN BIOFUEL FLIGHT

Embraer and General Electric will flight-test a renewable jet fuel by early 2012, the companies said on Wednesday. They plan to use a renewable biofuel made from sugar cane, developed by Amyris Biotechnologies, which is based in California and operates a subsidiary in Brazil. The test will be flown using a jet owned and operated by Azul

Linhas Aereas, a new Brazilian airline. The goal is to accelerate the introduction of a renewable jet fuel with significantly lower carbon emissions and to provide a long-term sustainable alternative to petroleum-derived jet fuel..[Read More](#)

A CJ4 IS BORN

Cessna rolled the first production Citation CJ4 off the company's Wichita, Kan., assembly line Nov. 17. The \$8.7 million, 451-knot, 1,963-nm eight-seater features wings with a moderate sweep and twin Williams FJ44-4A engines of 3,400 lbs thrust apiece. Maximum operating altitude is 45,000 feet. The CJ4 is a stretched version of the CJ3..[Read More](#)

NAVY IDENTIFIES T-34C PILOT LOST IN GULF CRASH

October Accident Search Yields Wreckage, Remains The remains of Lt. John Joseph Houston were positively identified by medical personnel of Training Squadron 28 Nov. 18. The T-34C Turbommentor aircraft that went missing Oct. 28 has been located and salvage operations have begun..[Read More](#)

BALLISTIC MISSILE TECHNOLOGY SHOOTS FOR THE MOON

Pratt & Whitney Rocketdyne Successfully Tests Thruster For Unmanned Lunar Lander Using technology developed for the nation's ballistic missile defense system, Pratt & Whitney Rocketdyne successfully completed hot-fire thruster tests demonstrating the ability of miniaturized thrusters to perform the descent and landing operation for a new generation of multi-use robotic lunar landers..[Read More](#)

TSA PROPOSES SECURITY PROGRAM FOR REPAIR STATIONS

FAA-certificated repair stations, whether in the United States or abroad, would have some new security measures to follow if a proposal by the Transportation Security Administration goes into effect. The proposal would impact 4,227 repair stations in the United States, 3,000 of which are not located on an airport, and another 694 repair facilities abroad. These facilities would have to implement security procedures and infrastructure such as..[Read More](#)

CAE TO BUILD TWO ARJ21 SIMS FOR CHINA

Awarded A \$33 Million Contract CAE said Tuesday that it has sold two CAE 7000 Series ARJ21-700 Level D full-flight simulators (FFS) to COMAC Shanghai Aircraft Customer Service Co. Ltd., owned by Commercial Aircraft Corporation of China Ltd. (COMAC). The contract brings the total FFS sales that CAE has announced during FY 2010 to 12..[Read More](#)

STC CERTIFICATION OBTAINED FOR MAX-VIZ EVS-1500 ON CESSNA 206

Adds A Measure Of Safety In A Challenging Environment Max-Viz announced Friday the FAA STC approval for the installation of the EVS-1500 Enhanced Vision System on Cessna 206 aircraft..[Read More](#)

LIGHT AT THE END OF THE TUNNEL FOR BIZJETS

In a newly released study on "The Market for Business Jet Aircraft," Forecast International predicts that a total of 11,277..[Read More](#)

SAMPLE OF PRECISION TURBINES AVAILABLE ENGINE INVENTORY

JT15D-4	PCE 70434	TSN 5212	TSO 1520	For Sale
JT15D-4	PCE 70424	TSN 5908	TSO 2372	For Sale
JT15D-1A	PCE 77459	TSN 2406.3	TSO N/A	For Sale/Lease
JT15D-1A	MID LIFE	TSN 10149.0	TSO 1619.5	Remaining 447.2 \$78,500
PT6A-41	MID LIFE	TSO 1800	TBO 3600	For Sale

Call for details 561-350-3028

*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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