CAE and APS collaborate to offer Advanced Jet Upset Recovery e-Learning course based on FAA recommendations

Atlanta, Georgia, October 14, 2010 – (NYSE: CAE; TSX: CAE) – CAE and APS Emergency Maneuver Training announced on the eve of the National Business Aviation Association (NBAA) annual convention, the availability of an online computer-based training course designed to improve the ability of business jet pilots to recognize, avoid and, if necessary, recover from loss of control in-flight (LOC-I) flight situations.

The CAE-APS e-Learning course is based on U.S. Federal Aviation Administration (FAA) recommendations contained in the Airplane Upset Recovery Training Aid (AURTA), Revision 2. The Air Line Pilots Association's (ALPA) Human Factors and Training Group and the ALPA Training Council announced recently its support for “enhanced academic requirements … on approach to stall, impending stall, full stall and abnormal flight conditions,” including utilization of the AURTA “as a validated and appropriate guide for upset recovery training.”

“Aircraft upset is not a common occurrence and the overwhelming majority of flights proceed without incident thanks to modern aircraft technology and training,” said Lou Nemeth, CAE’s Chief Safety Officer. “However, according to recent studies, loss of control in-flight remains a leading cause of accidents and incidents, and it is essential that professional pilots understand the aerodynamic principles and recommended recovery techniques that are similar for all large, swept-wing jet airplanes.”

LOC-I is defined as flight that occurs outside of the normal flight envelope with an inability of the pilot to control the aircraft. The CAE-APS e-Learning course uses real-world example animations, video, graphic diagrams and other techniques to address topics such as causes of airplane upsets (including environmentally induced upsets, systems anomaly-induced upsets, and pilot-induced upsets), swept-wing aerodynamics, control surface fundamentals, high-altitude operations, recovery from airplane upsets, and upset recovery techniques for stall, nose-high, nose-low and high-bank angles. The course is available at www.caelearning.com/aviation-pilot-courses.aspx.

“With a few dedicated hours of online study, pilots can gain potentially life-saving academic knowledge crucial to understanding unusual flight attitudes, prevention strategies and fundamental all-altitude recovery skills,” said Paul BJ Ransbury, President of APS Emergency Maneuver Training and a former airline and military fighter pilot. “Pilots who understand the conditions of an upset will be better prepared to make time-critical decisions to prevent, or immediately recover from, an airplane upset safely.”

In addition to threshold knowledge in upset recovery principles, the CAE-APS e-Learning course can help prepare professional pilots for scenario-based training in a full-flight simulator and real aircraft training in safe, aerobatic aircraft.

About CAE
CAE is a world leader in providing simulation and modelling technologies and integrated training solutions for the civil aviation industry and defence forces around the globe. With annual revenues exceeding C$1.5 billion, CAE employs more than 7,500 people at more than 100 sites and training locations in more than 20 countries. We have the largest installed base of civil and military full-flight simulators and training devices. Through our global network of 29 civil aviation and military training centres, we train more than 75,000 crewmembers yearly. We also offer modelling and simulation software to various market segments, and through CAE’s professional services division we assist customers with a wide range of simulation-based needs.
About APS Emergency Maneuver Training
APS Emergency Maneuver Training at Phoenix-Mesa Gateway Airport (Mesa, Arizona) has trained thousands of pilots in fully comprehensive upset recovery skill development, more than any other training organization. For 15 years, APS has been committed to giving professional pilots and private pilots of all skill levels the highest quality upset recovery training available. We offer comprehensive LOC-I solutions via industry-leading web-based, on-aircraft, and full-flight simulator upset recovery training programs. APS is the only Part 141 Flight School currently certified in the delivery of upset recovery, stall / spin and instrument recovery training courses worldwide. All APS upset recovery training courses are in compliance with the Airplane Upset Recovery Training Aid.

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