



U.S. Department
of Transportation
**Federal Aviation
Administration**

InFO

Information for Operators

InFO 10010
DATE: 7/6/10

Flight Standards Service
Washington, DC

http://www.faa.gov/other_visit/aviation_industry/airline_operators/airline_safety/info

An InFO contains valuable information for operators that should help them meet certain administrative, regulatory, or operational requirements with relatively low urgency or impact on safety.

Subject: Enhanced Upset Recovery Training

Purpose: This InFO highlights the availability and merits of the *Airplane Upset Recovery and Training Aid* for all Title 14 of the Code of Federal Regulations (14 CFR) parts 91K, 121, 125, and 135 air operators and part 142 training centers.

Background: Although the overall accident rate has decreased, the category of loss of control (LOC) continues to outpace other factors as the leading cause of fatal accidents in the last 20 years. A recent NASA sponsored study has defined LOC as “flight outside of the normal flight envelope, with nonlinear influences, and with an inability of the pilot to control the aircraft.”

In 1998 a Federal Aviation Administration (FAA)/Industry work group co-chaired by Boeing, Airbus and the Flight Safety Foundation developed the *Airplane Upset Recovery Training Aid* as training program guidance for upset recovery training for air carrier flightcrews. Although the work group was primarily focused on large aircraft, many of the same aerodynamic principles apply to smaller swept wing turbine aircraft.

Discussion: The FAA strongly recommends incorporation of applicable sections of the *Airplane Upset Recovery Training Aid* into training programs. The modular design of the aid allows training departments to utilize all of the segments that are applicable to specific training programs.

Note: Any LOC recommended recovery techniques and procedures provided by a manufacturer for a particular aircraft take precedence over those in the training aid.

The *Airplane Upset Recovery Training Aid* can be accessed at http://www.faa.gov/other_visit/aviation_industry/airline_operators/training/.

Recommended Action: Directors of operations, directors of safety, chief pilots, training managers and training centers should consider incorporating material in this training aid into flightcrew training. When tailored to specific aircraft and operator procedures, the suggested actions presented in this aid provide an excellent framework for an effective upset recovery training module.

Contact: Questions or comments concerning this SAFO should be addressed to Robert Burke, Air Carrier Training Branch, AFS-210, via email at Robert.Burke@Faa.gov or via phone at (202) 267-8262.