

PROFESSIONAL AVIATION TRAINING

Cessna Citation Advanced Upset Prevention & Recovery Training

Course Information

In-flight Loss of Control represents the single greatest cause of fatal aviation accidents in the last decade. Our all new Advanced Upset Prevention and Recovery Course focuses on preventing in-flight loss of control, and recovery from upset if prevention is not possible. This training will be accomplished in our state of the art simulators designed with an aerodynamic model that replicates the flight envelope from full aerodynamic stall to speeds well beyond VMO/MMO. The new aerodynamic model was developed by FlightSafety using actual flight test data, and approved by senior Textron Aviation pilots. The new aerodynamic model will allow pilots to safely experience and recover from full aerodynamic stall and high speed events in a way that would be far too dangerous to experience in the aircraft.

The academic portion of this course consists of 4.0 hours of advanced topics including low/high speed aerodynamics, stability and control, aircraft performance, and upset recovery technique. The simulator portion of this course consists of allowing pilots to recognize, experience, and recover from full aerodynamic stall and speeds in excess of VMO/MMO. Then specific recovery techniques will be practiced to proficiency. The simulator period ends with pilots experiencing actual scenarios that ended in fatal accidents. All prior academic and simulator gained knowledge will be used to safely and successfully recover from these very difficult scenarios.

FlightSafety has always maintained that truly meaningful type-specific upset recovery training could only occur if the simulator precisely replicated flight beyond the normal certified flight envelope. This is required because clients' recovery attempts could well take them beyond the certified flight envelope. In this case, anything other than exact replication beyond the certified flight envelope would provide negative training. For the first time, FlightSafety has developed a simulator capable of replicating aircraft performance in this critical regime, allowing clients to enhance skills with targeted, aircraft specific training in a controlled environment. The Advanced Upset Prevention and Recovery course delivered in type specific simulators designed with FlightSafety's exclusive, unparalleled aerodynamic model sets the standard in advanced upset recovery training.

Course Curriculum	
Course Module	1 Day
Ground School/Academics	4.0 hours
Simulator (Pilot Flying)	2.0 hours
Simulator (Pilot Monitoring)	2.0 hours
Debriefing	0.5 hours

Training available for the following aircraft:
Citation CJ3 – Wichita Cessna Learning Center

Prerequisite: Pilots must train in the same make and model that they have currently trained on within the past 12 months with FlightSafety.

Training Locations & Contact Information

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