

JET UPSET

PILOT SPECIALTY COURSE SERIES

SUMMARY

Covers jet upset, scenarios focusing on recognition and recovery techniques. A process for analyzing jet upset scenarios is included. The course is available in versions for Boeing and Airbus aircraft, showing aircraft instrumentation for each type.



TARGET POPULATION

Experienced Airline Pilots

Great for pilots requiring initial or recurrent training.



REGULATORY COMPLIANCE*

- ICAO / EASA / FAA / Transport Canada
- Maintains compliance with IOSA standards



DELIVERY MODE

100% online, self-guided



COURSE LENGTH

1 hour, 45 minutes

LESSON 1: Aerodynamics

- Definition of jet upset
- LOC-I Accident data
- Buffet onset margins
- Energy management
- Pitch control
- Lateral / directional control
- Service ceiling
- FMS parameters
- Performance charts

LESSON 2: Factors Leading to Jet Upset

- Recognition of jet upset
- Clear Air Turbulence (CAT)
- Mountain waves
- Wake turbulence
- Windshear
- Thunderstorms
- Airframe and engine icing
- Aircraft-related factors
- Autoflight systems
- Engine failures
- Pilot-induced oscillations (PIOs)

LESSON 3: Recovery Techniques

- Classification of unusual attitudes
- Recovery techniques
- AOM/FCOM references
- Process for analyzing jet upset
- Crew coordination
- Situational awareness
- Flight instruments
- Stall recognition

custom course line - need help.

* Operator is responsible for obtaining approval from the regulatory authority.