



COMPUTER TRAINING SYSTEMS

Your Co-Pilot in Aviation Training

INDIVIDUAL COURSES TRAINING SERIES

High Altitude Weather and Aerodynamics



FIXED/ROTOR WING



IPAD COMPATIBLE



APPROX 2.0 HRS

With high altitudes creating different atmospheres, clouds, weather systems, it is essential to recognize and address the associated risks and to operate the aircraft accordingly. Our High Altitude Weather and Aerodynamics course takes a detailed look at the unique weather and atmospheric conditions experienced during high altitude flight, including the principles, critical elements, and weather in high altitude and high-speed operations.

This course ensures pilots have a solid principal understanding of High Altitude Weather and Aerodynamics necessary for many Part 135, Part 125, and Part 91 pilots.

TUTORIALS

High Altitude Weather

1. The Atmosphere
2. The Jet Stream
3. High Altitude Clouds
4. Clear Air Turbulence
5. High Altitude Weather Systems
6. High Altitude Weather Products

High Altitude Aerodynamics

1. Principles of Mach Flight
2. Critical Aspects of Mach Flight
3. Aerodynamics and Performance

LESSONS

▶ Comprehensive examination covers subject matter from all lessons

High Altitude Weather and Aerodynamics

1. Aerodynamics High Altitude Weather