



## COMPUTER TRAINING SYSTEMS

### Your Co-Pilot in Aviation Training

INDIVIDUAL COURSES TRAINING SERIES

# Aviation Weather Theory



**FIXED/ROTOR WING**



**IPAD COMPATIBLE**



**APPROX 3.6 HRS**

Aviation Weather Theory is centered around different types of weather, classifying weather conditions and also how to utilize aviation weather services. Identification of these weather conditions can help reduce the amount of weather-related aircraft accidents and prepare pilots for the ever-changing weather elements.

For Part 135, Part 125, and Part 91 pilot training, our aviation weather theory course provides a foundation of knowledge and understanding for flight crews, dispatchers, and schedulers to assess weather conditions that may affect or be hazardous to flight. This course can be used to meet initial and recurrent training and testing requirements.

## TUTORIALS

### Aviation Weather Theory

- |                            |                              |                                    |
|----------------------------|------------------------------|------------------------------------|
| 1. The Standard Atmosphere | 4. Air Masses and Fronts     | 7. Adverse Weather - Thunderstorms |
| 2. Moisture                | 5. Turbulence and Wind Shear | 8. Adverse Weather - Fog           |
| 3. Cloud Types             | 6. Adverse Weather - Icing   | 9. Aviation Weather Services       |

## LESSONS

▶ Comprehensive examination covers subject matter from all lessons

### Aviation Weather Theory

- |                            |                |                              |
|----------------------------|----------------|------------------------------|
| 1. The Standard Atmosphere | 4. Cloud Types | 7. Turbulence                |
| 2. Moisture                | 5. Air Masses  | 8. Adverse Weather           |
| 3. States of Water         | 6. Fronts      | 9. Aviation Weather Services |