

# 2018 Aviation Weather for Pilots

Six classes are planned for 2018 to help pilots of all levels better understand the atmosphere and aviation weather. Sessions include theory and classroom lecture, an in-depth look at various hazards and a sample flight scenario.

All classes are held at Independence Aviation, Centennial Airport (KAPA) and run from 9:00 a.m. until noon.

Please join us for these informative sessions:

## **Feb 24** Aviation Weather Fundamentals

This session covers the basics of aviation weather, what causes weather to develop in certain areas as well as basic aviation weather hazards. Get an in-depth look at icing and explore a sample flight scenario with winter weather.

## **Apr 21** Spring Weather Hazards

Review icing, turbulence and thunderstorms. Then take an in-depth look at thunderstorms, the environments they form in and how to forecast areas likely to experience thunderstorms. Close with a flight scenario based on springtime weather.

## **Jun 16** Summer Weather Hazards

In this class we'll review weather phenomena such as thunderstorms and coastal stratus. And get an in-depth understanding of the Skew-T log/P-thermodynamic diagram. Then look at a flight scenario with summer weather.

## **Aug 18** Aviation Weather Decoded

Learn about all available aviation weather information sources, how to decode and understand what you see, and where the information comes from. Then review another flight scenario with summer weather.

## **Oct 20** Winter Weather Hazards

As winter approaches, get information about seasonal weather hazards such as icing, turbulence and IMC. Then take a detailed look at turbulence followed by a flight scenario with fall/winter weather.

## **Dec 15** Mountain Flying

Explore some of the unique weather associated with mountain flying and the nuances of weather caused by mountainous terrain. Then discuss climate and change, what causes our climate to vary and annual influences to weather such as the ENSO pattern. The final flight scenario uses winter conditions in mountainous terrain.

To register for classes,  
call Independence Aviation: 303.858.1600  
email: [fly@flywithia.com](mailto:fly@flywithia.com)  
or visit: [flywithia.com](http://flywithia.com)

Sponsored by:  **JEPPESEN**  
A BOEING COMPANY

