

FAASTeam presents:

Understanding Pressure and Density Altitude

As pilots, we love altitude. So much that we've created a bunch of different kinds of altitude: true altitude, absolute altitude, indicated altitude, assigned altitude, and two kinds of confusing ones - pressure altitude and density altitude. For many pilots, this can lead to a mental overload. Many pilots don't have a working understanding of pressure and density altitude. Are they even real altitudes at all?

In this seminar, SCFC's Dan Dyer will introduce and explain the terms "pressure altitude" and "density altitude" and demystifies their meaning. Although the word "altitude" is used, these are clearly not measures of altitude. In fact, they are measures of atmospheric pressure and density just converted into units that pilots can understand. Confusing at first, yes, but once understood they serve a valuable purpose in determining aircraft performance.

Although few things are as important to a pilot as knowing the performance capability of the aircraft before taking to the skies, measuring the critical factor - atmospheric density - is not something that pilots can do directly. Instead we use rules of thumb, conversion factors, and our best understanding of how elevation, pressure, temperature, and humidity are interrelated. If

Event Details

Sat, May 20, 2017 - 12:00 PDT

San Carlos Flight Center

655 Skyway Rd,

Suite 215

San Carlos, CA 94070



Contact: David Kramer

408 981-6424

dmkramer43@yahoo.com

Select #: WP1575699

Representative David Kramer

you've ever opened your aircraft POH to the performance section and felt humbled, this seminar is for you.

Dan Dyer is Chief Pilot of San Carlos Flight Center and has been instructing for 11 years, first in helicopter and now in airplanes. He has almost 4,000 flight hours and is the Bay Area's local expert in crosswind landing instruction. He is known for finding simple and innovative ways to explain complex topics and regularly speaks on advanced ground school topics. He co-founded and manages the Bay Area FlyOutGroup - a social club of over 400 pilots that meet for lunches, dinners, and other fun aerial adventures. Find out more about Dan at www.sancarlosflight.com or contact him at dan@sancarlosflight.com

This event qualifies for FAA Wings credit. Any questions, contact us at (650) 946-1700 or info@sancarlosflight.com.

San Carlos Flight Center is committed to promoting safety in general aviation through our evening safety seminar programs. Space is often limited so it is important to sign up early through the FAA event notification system at

FAASAFETY.GOV. SCFC members may choose to watch the seminar live over the web at home. Contact your SCFC member service rep at (650) 946-1700 to confirm secure online access to any particular seminar.

Directions: Directions to Room: Pilots who fly in should park in transient parking on the opposite side of the field and expect to walk about 10 minutes (.5 mile) to the Flight Center. Suite 215 is upstairs in the northwest corner. On occasion, rides may be prearranged through San Carlos Aviation and Supply.

A message from the National FAASafety Manager

Invite a fellow pilot to the next WINGS Safety Seminar in your area.

Sign up for the FAA's safety services at www.FAASafety.gov!

The FAA Safety Team (FAASafety) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the "Contact Information" area of the meeting/event notice. Note that two weeks is usually required to arrange services.