

FAASTeam presents:

Understanding Thermal Turbulence

As pilots, we often don't even notice minor turbulence. Turbulence to pilots is like waves on the ocean to a sailor, just part of the ride. While it may rattle our passengers, pilots know that light and moderate turbulence is not a safety risk provided we operate the aircraft at the speeds recommended by the aircraft manufacturer. But what is turbulence?

Join us for another inside look at weather and atmospheric phenomena hosted by Dave Kramer. In this session, Dave gives us a deeper insight into turbulence, and particularly thermal turbulence. Thermal turbulence is the most common type of turbulence experienced by pilots, in part because it is closer to the ground. As its name implies, this type of turbulence is the result of uneven heating of the Earth's surface. Surprisingly, the Aviation Weather Service does not issue an advisory for even widespread moderate turbulence so it is important to have an understanding of it.

For this talk, Dave Kramer shares what he has learned from the work of Scott C. Dennstaedt, an FAA-certificated instrument flight instructor and former National Weather Service research meteorologist specializing in weather training.

Event Details

Sat, Nov 12, 2016 - 19:00 PST

San Carlos Flight Center

655 Skyway Road, 215

215

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Scott has written over 100 articles for various aviation magazines to include IFR, Plane & Pilot, Pilot Journal, Flying, Aviation Consumer and Twin & Turbine magazines just to name a few. He is also one of the primary weather consultants for ForeFlight.

Dave Kramer is a basic and instrument ground instructor whose passions are IFR flight and weather. Dave often finds himself researching deeper into a topic of interest, and regularly brings his newly acquired knowledge back to San Carlos Flight Center to share with other local pilots.

Directions: 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 Team 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 Team) 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.