

FAASTeam presents:

Aerodynamics One Level Down

It's true that the plane flies the same way, whether the pilot knows what cause lift or not.

For decades and decades, pilots and aircraft designers adjusted the shapes of wings, without fully understanding why they worked. It's only within the last 20 years that NASA and aerospace scientists started making know that the popular theories of lift had holes in them. And yet the planes kept flying.

SCFC Chief Pilot Dan Dyer takes time to explain concepts from Private Pilot aerodynamics at a pace that everyone can understand. You'll understand why exceeding the critical angle causes a stall, why the "Longer Path / Equal Transit" theory you were taught in your online ground school was wrong, and what the heck "ceiling effect" is. You know, stuff every pilot should know. Dyer says "I wouldn't say this stuff is hard, but about 2 out of 3 CFI candidates get this stuff wrong." Other topics include the lift equation, what causes induced drag, and an easier way to think about load factor.

The presentation aims for being one level down from an introductory aerodynamics course, but still several levels up from an aerospace masters of science in aerodynamics. You'll walk away

Event Details

Sat, Jul 21, 2018 - 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 #: WP1583886

Representative David Kramer

understanding your flight controls better, but won't be ready for your dissertation. We hope you'll join us.

Dan Dyer is Chief Pilot of San Carlos Flight Center and has been instructing for 14 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 has created BAY FLIGHT 2018, an aviation conference for SF Bay Area pilots interested in staying current about the latest topics in aviation, learning new skills and techniques, and hearing from leaders in the field and will be held on Oct 27, 2018

(www.bayflight18.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.