

FAASTeam presents:

ONLINE VIEWING ONLY Cross Country Flight Planning Calculations

This replaces the original seminar of the same date due to a conflict in the speaker's schedule. We apologize for any inconvenience this may cause. .

****Due to the COVID-19 public health risk, this seminar will only be available for online viewing. IN-PERSON ATTENDANCE WILL NOT BE PERMITTED.****

Click Here to learn more about online viewing <https://sancarlosflight.com/covid-19/seminars>

Title: Cross Country Flight Planning Calculations
Description:

Planning for a long cross-country flight involves a lot of thinking ahead. There's weather analysis, route selection, and planning for alternatives. There's also the need to estimate flight time and fuel burn to meet FAA regulations for minimum onboard fuel. Seems easy right?

The only way to determine the amount of fuel you'll need is if you've already solved a host of other calculations. To be accurate, you'll need to know ground distance, forecast winds, and aircraft performance information. You'll also need to make some choices about altitude and route. Most pilots complete these series of calculations using grid sheets to guide their calculations, with cryptic columns labels such as TH, DEV, CH, and

Event Details

Wed, Mar 25, 2020 - 19:00 PDT

San Carlos Flight Center

655 Skyway Road

215

San Carlos, CA 94070



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Representative Brandan Dadoun

ETE. At San Carlos Flight Center, we use a Cross-Country Flight Log sheet that makes it easy to understand the sources of information and the flow of calculations.

In this Ground School Refresher seminar, Flight Instructors Herb Patten and Dan Dyer will walk students through the variety of calculations need for each leg of the flight that leads up to the final Fuel Needed number. If you are a new flight student confused about cross-country flight calculations or just need a refresher, please tune in.

Herb Patten is the Assistant Chief Pilot at the San Carlos Flight Center, a CFI and an FAA certificated advanced and instrument ground instructor who teaches private pilot ground school at San Carlos Flight Center. He is a commercial pilot with an instrument rating, has over 1,500 hours and flown into at least 120 different California airports. He is the current chairman of the Upwind Foundation, famous for its Upwind Summer Scholarship Program. In 2015, Herb was named a Master Instructor by the National Association of Flight Instructors.

Dan Dyer is a flight instructor and Chief Pilot of San Carlos Flight Center. He has been instructing for 15 years, has over 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. Find out more about Dan at www.sancarlosflight.com or contact him at dan@sancarlosflight.com

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 Manager

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