

FAASTeam presents:

LEARN TO TURN - Antidote to Loss of Control

Why does loss of control while maneuvering remain the top cause of fatal LOC accidents? In his 1944 classic, "Stick and Rudder," Wolfgang Langewiesche wrote, "pilots, as a group, simply don't know how to turn..." Loss of control while maneuvering still remains the perennial top cause of fatal LOC accidents. When asked, "What is the primary control surface you use when turning an airplane?" eighty-three percent of pilots did not recognize "elevator" as the correct answer. Alarming, one-in-four believed rudder turned the airplane.

Although pilots can perform rudimentary turns to certification standards, few are able to describe the mechanics of their turns accurately. Thus the Learn To Turn Initiative adopts the following worldview:

- Airplanes follow one of two flightpaths, i.e., either a straight line or a curve
- These flightpaths can occur anywhere in space, i.e., in the horizontal, oblique, or vertical planes
- The flightpaths are controlled primarily with elevator inputs

Review turn fundamentals from a three-dimensional perspective and with a pilot-centric approach wherein pilot actions lead to performance consequences, i.e., flying does not happen TO the pilot, but BECAUSE OF the pilot.

Event Details

Thu, May 18, 2017 - 19:00 PDT

Bergstrom Aircraft, Inc.

4102 Stearman

Pasco, WA 99301



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Representative MARJY LEGGETT

Those skeptical about elevator-as-turn-control are welcomed. A few simple exercises will be offered as well that attendees can try next time they go flying!

Schedule:

7:00-7:15 — Host Introductions/Announcements

7:15-8:05 — Seminar Topic, Part I

8:05-8:20 — Break

8:20-9:00 — Seminar Topic, Part II + Q&A

Directions: Hwy 182 to 20th Ave. Exit. Head north to airport. Turn Right onto Argent. Follow Argent to Stearman. Turn North. Bergstrom's is about .6 miles on left.

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.