

**EAA Pilot Proficiency Center
AirVenture 2015**

Venue location:

Near Knapp Street & Waukau Road (east of FAA building)
Booths 439-441 & 422-424

Monday, July 20

9:00 – 10:00 AM

Presenter: Taylor Albrecht

Title: Crosswind Landings

Description: Crosswind landings are the number one real-world weather-related cause of accidents in general aviation. Richard Collins said they are the hardest thing to learn in aviation. Naturally many pilots are apprehensive and lack confidence in crosswind conditions. The Mastering Crosswinds seminar demystifies the crosswind dilemma by looking at the different components. First we frame the crosswind problem. Then we look at the aerodynamics relevant to crosswind operations. Finally we discuss crosswind operations, including taxi, takeoff and landing. This gives the pilot a better understanding and provides the basis for increased skill and confidence.

10:00 – 11:00 AM

Presenters: Nathan Kurth, Emmy Jacobson, Slim Morgan & Mike Pound

Title: Chart Clinic Confidential – Cleared for Approach

Description: An instrument approach means of peak cockpit workload for any pilot. Situational awareness, changing environmental factors, the convergence of air traffic, interpreting instructions from controllers, monitoring airport conditions, and avoiding obstacles are just a few of the duties you may juggle as you ease your airplane toward the runway (that may still be obscured by clouds). Our chart experts will show you how the seamless and logical design of your approach charts easily deliver the procedures, communications, and navigation detail you need for landing.

1:00 – 2:00 PM

Presenter: Tony Johnston

Title: Stick & Rudder Skills in a Glass Cockpit Words

Description: A discussion of basic flying skills and techniques, good practical hints for airmanship, stall-spin avoidance and recovery. Understanding slips and skids, flying the pattern competently.

Tuesday, July 21

9:00 - 10:00 AM

Presenter: Radek Wyrzykowski

Title: Weather for Dummies

Description: "Uneven heating of the earth" – what does it all mean? As the weather and climate changes it is a great time to focus on how that affects our flying. To that end Radek is presenting "Weather for Dummies". He breaks down complex concepts in simple terms you can understand without a degree in meteorology. What you will learn you will be able to apply for practical purposes in your aviation activities.

10:00 – 11:00 AM

Presenter: David St. George

Title: What You Don't Know Can Hurt You

Description: Developed from a critical need that became obvious in over 2,500 FAA flight evaluations David has given. Many pilots unfortunately lack some very basic aerodynamic knowledge necessary for safety. Misconceptions can go undetected for years while flying in the center of the maneuvering envelope. Unfortunately, when the aircraft is displaced by weather, distraction, inattention, a pilot may react inappropriately, instead of in a trained fashion and the outcome is often tragic. Much of successful piloting is continuously training to replace instinctive reactions with a correct trained response. Correct knowledge guides this action. Park the pilot ego, bring a notebook and prepare to learn a few things. Experienced CFIs are very welcome...this may give you a few ideas to share with your students. Everyone's ideas are welcome, let's learn as a group!

1:00 – 2:00 PM

Presenters: Nathan Kurth, Emmy Jacobson, Slim Morgan & Mike Pound

Title: Chart Clinic Confidential – Climb Via

Description: Even the most standard instrument departures can be confusing at times- especially at unfamiliar airports. Add an obstacle-a tree near the end of field, a nearby TV tower, or a mountain along your departure path-and a simple instrument departure can get dangerously complex. As a pilot, it's your job to anticipate and familiarize yourself with departure procedures (DP) and obstacle departure procedures (ODP) for any runway on the field.

Wednesday, July 22

9:00 – 10:00 AM

Presenter: Lori MacNichol

Title: The Idaho/Utah Backcountry Made Easy as 1, 2, 3 (Part 1)

Description: This two part seminar will focus on; 1 Know yourself, 2 Know Your aircraft, 3 Know your environment. Lori will emphasize airspeed – aim point control, and airstrip observation that will make specialized approaches and departures into backcountry airstrips delightful possibilities with comfortable outcomes. The speaker Lori MacNichol invites you to treat yourself to the next level of airmanship and experience the Idaho and Utah backcountry through this multimedia presentation which includes digital video of the backcountry.

10:00 – 11:00 AM

Presenter: Lori MacNichol

Title: The Idaho/Utah Backcountry Made Easy as 1, 2, 3 (Part 2)

Description: This two part seminar will focus on; 1 Know yourself, 2 Know Your aircraft, 3 Know your environment. Lori will emphasize airspeed – aim point control, and airstrip observation that will make specialized approaches and departures into backcountry airstrips delightful possibilities with comfortable outcomes. The speaker Lori MacNichol invites you to treat yourself to the next level of airmanship and experience the Idaho and Utah backcountry through this multimedia presentation which includes digital video of the backcountry.

1:00 – 2:00 PM

Presenter: Charles Schneider

Title: Advanced iPad Use in the Cockpit

Description: This seminar will show pilots how to integrate and use the iPad during taxi, departure, cruise, diversion, approach and landing. We will prescribe how to connect the use of the iPad into a pilot's workflow and aeronautical decision making during each critical phase of flight. It will answer when you use the iPad and when the panel. Usage that goes beyond paper chart replacement. Real world scenarios will be used. Pilots are encouraged to come with their iPad/tablet charged and with their flight apps and data up to-date so they can follow along to develop/test their iPad proficiency.

Thursday, July 23

9:00 – 10:00 AM

Presenter: Doug Stewart

Title: Improve Your IFR Situational Awareness

Description: CFII Doug Stewart will provide tips and techniques for improving situational awareness for all pilots, with an emphasis on Instrument flying.

His suggestions will provide ways to make flying in the IFR system simple and efficient by constantly staying ahead: knowing what to expect of the IFR system; of the airplane; the weather; and even the pilot.

10:00 – 11:00 AM

Presenter: Tom Letts

Title: How to Navigate Unfamiliar Airspace

Description: How do you prepare for a VFR cross country flight to an airport within airspace you are not familiar with? We will look at ways to prepare for VFR cross country flight to increase your situational awareness as well as lower your risk of getting a pilot deviation. We will look at Flyways, VFR corridors, Bravo, Charlie & Delta Airspace. We will take the mystery out of flying VFR into unfamiliar airspace. You will have additional tools in your flight planning tool box.

1:00 – 2:00 PM

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Description: An instrument approach means of peak cockpit workload for any pilot. Situational awareness, changing environmental factors, the convergence of air traffic, interpreting instructions from controllers, monitoring airport conditions, and avoiding obstacles are just a few of the duties you may juggle as you ease your airplane toward the runway (that may still be obscured by clouds). Our chart experts will show you how the seamless and logical design of your approach charts easily deliver the procedures, communications, and navigation detail you need for landing.

Friday, July 24

9:00 – 10:00 AM

Presenter: Mike Cetinich

Title: Weather Clinic Confidential – Thunderstorm Hazards

Description: With summer flying comes thunderstorms. With them comes lightning, hail, strong winds (including updrafts/downdrafts), torrential rains, low visibility and even tornadoes. In our first Weather Clinic Confidential webinar, let us reacquaint you with thunderstorms. We'll help you better understand the environmental conditions required for thunderstorms; the various cloud types and development stages; and show you how to get more from all the thunderstorm forecasting, reporting and detection tools at your disposal.

10:00 – 11:00 am

Presenters: Nathan Kurth, Emmy Jacobson, Slim Morgan & Mike Pound

Title: Chart Clinic Confidential – Unusual Approaches

Description: The term "unusual approaches" conjures up images of Aspen, Bozeman, Jackson Hole & just about every airport in Alaska. But unusual approaches are just as common in places like Baltimore, Boston and New York. They're everywhere & can turn a standard approach into a head scratcher at the most inopportune time. We'll talk about the terrain, obstacles & airspace designs that turn standard approaches into the unusual.

1:00 – 2:00 PM

Presenter: Doug Steward

Title: Tailwheel Tips & Tricks

Description: It is said that when operating a tailwheel airplane you are not done flying until the engine is shut down and the tie down ropes are attached, and we will attest to that. Some of the most important lessons to be learned in a tail dragger are those lessons on the ground, especially when the wind is blowing. Learn from a long time tailwheel instructor. Even if you fly an airplane with the little wheel in front, there is something to be learned in this seminar.

Saturday, July 25

9:00 – 10:00 AM

Presenter: Tailor Albrecht

Title: Crosswind Landings

Description: Crosswind landings are the number one real-world weather-related cause of accidents in general aviation. Richard Collins said they are the hardest thing to learn in aviation. Naturally many pilots are apprehensive and lack confidence in crosswind conditions. The Mastering Crosswinds seminar demystifies the crosswind dilemma by looking at the different components. First we frame the crosswind problem. Then we look at the aerodynamics relevant to crosswind operations. Finally we discuss crosswind operations, including taxi, takeoff and landing. This gives the pilot a better understanding and provides the basis for increased skill and confidence.

10:00 – 11:00 AM

Presenter: Mike Cetinich

Title: Taming Turbulence

Description: Turbulence can run the gamut from a choppy annoyance to creating loss of control and safety of flight events. Knowing how to detect and avoid turbulence is a critical part of flight planning, managing passenger expectations or even making a go/no go decision. We'll review the latest tools to help you determine where turbulence currently exists, where it's forecast to develop and how to better use those insights to plan and operate in order to minimize the impact of turbulence on future flights.

1:00 – 2:00 PM

Presenter: Doug Stewart

Title: Quit Stalling

Description: As a DPE and CFI, Doug Stewart has experienced the fact that many pilots do not truly understand stalls, and as a result have a lot of anxiety when asked to demonstrate one on a flight review or practical test. In addition he finds that many pilots do not really understand the dynamics of spins and the proper techniques for recovering from a spin if inadvertently encountered. In this seminar he discusses the scenarios when a pilot might inadvertently stall and discuss all the signals the airplane might be giving prior to the stall, along with the correct recovery procedures.