

Friday August 16th

Tent A Noon

**Aircraft Loss of Control Discussion - Arlington Fly-In
Fly Safe: Preventing Loss of Control
Tom Curran - AOPA Air Safety Institute Instructor**

A Loss of Control (LOC) accident involves an unintended departure of an aircraft from controlled flight. LOC can happen because the aircraft enters a flight regime that is outside its normal flight envelope and may quickly develop into a stall or spin. It can introduce an element of surprise for the pilot.

Discussion points include:

- Poor judgment and aeronautical decision making
- Stick and Rudder skills
- Failure to recognize an aerodynamic stall or spin and execute corrective action
- Failure to maintain airspeed
- Failure to follow procedure
- Pilot inexperience and proficiency

Tent B Noon

**Aviation Real Estate Communities
Erik McCormick**

Aviation Real Estate - Map - Community - Over 500 airparks have checked in and joined our community. We encourage all that are interested in or own airpark properties to attend.

Tent A 1:15 PM

'The Aging Pilot, How to keep your Medical Alive and Well'

Dr. Curtis Edwards - FAA Flight Surgeon

Dr. Curtis Edwards, Northwest Mountain Regional Flight Surgeon will discuss the statistics for eventual medical certification, dispelling the myth the FAA “wants to deny you because you are old.”

He will also discuss the reasoning behind requirements for some medical testing - given that the aging population of pilots have a higher likelihood of aero-medically significant cardiovascular, visual and neurological diseases. This population also experiences a higher likelihood of using prescription drugs that potentially affect performance in the cockpit. Advice is given for maintaining the medical certificate and what to do when a deferral occurs.

Tent B 1:15 PM

**EAA Young Eagles
Richard Morrisson – EAA**

Overview of the EAA Young Eagle Program with video clips of some Young Eagle flights as produce by Jim McGauhey. History of the program and how it can spur interest in the EAA and aviation in general.

Tent A 2:30 PM

**Runway Safety - Hazards and Best Practices.
Kent Koran - FAA Office of Runway Safety**

Runway incursions and wrong surface operations are a major factor in aviation safety. While many things have been done to reduce the accident rate in General Aviation and the Air Carrier Industry, both sides of the aviation house are still experiencing far too many runway incursions. This could be the result of "Read back - Hear back" issues, poor airport signage, pilot inattention/knowledge, expectation bias, or a combination of factors. Runway safety is a major concern for all pilots and if you have been around aviation for a long period of time you have probably seen some close calls on the runways and taxiways, or even been involved in some yourself. Come join the discussion with Mr. Kent Koran from the FAA Office of Runway Safety. You don't want to miss this one.

Tent A 3:45 PM
Mountain Flying Seminar
Charlie Barbour

Mountain flying provides for breath-taking scenery, unique fly-in destinations, and opportunities for pilots to hone their navigation & planning skills. In this seminar, we will look at preflight preparation for mountain flying, mountain meteorology, evaluate route planning and aircraft performance, and discuss options for handling "off-airport" landings in mountainous terrain along with mountain survival tips. Come join the discussion, this is one seminar you will not want to miss.

Tent B 3:45 PM
\$300 Homebuilt Head Up Display
John Marzulli

Describes an effort to design an inexpensive Head Up Display that can be used in any aircraft, certified or experimental. The software and plans are "open" which means anyone can contribute to the project and the plans are freely available. All parts are available at Amazon. The goal of the Head Up Display is to provide traffic awareness using ADS-B in data, and provide backup.

Tent A 5 PM
Aviation Real Estate - Selling - Maximizing The Return.
Erik McCormick

Overcome low comps and appraisals and maximize the sale by exposing the aviation amenities when selling. Every aviation real estate owner should attend.

Tent B 5 PM
I was hijacked to Cuba – A true story.
Art Krull

Art is a retired Delta captain. In January 1980 he was piloting an L-1011 that was hijacked to Cuba. Once there the hijacker demanded flight to Iran. This occurred two months after students loyal to the Ayatollah over ran the US Embassy.

Saturday August 17th

Tent A 9 AM
Mountain Flying Seminar
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Tent B 9 AM

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Tent A 10:15 AM

Maintenance Personnel, Repair Station, A/C Owners & Operators Maintenance Q&A session.
Bruce Kitelinger, Seattle FSDO Inspector

Seattle FSDO Airworthiness Inspectors and the FAASTeam are hosting a series of workshops to listen to any maintenance and preventive maintenance issues that affect the aircraft mechanic, Inspection Authorization (IA), 145 Repair Stations, Aircraft Owners and Operators. The session's aim is to provide education and dissemination of information.

Tent B 10:15 AM

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Tent A 11:30 AM

'The Aging Pilot, How to keep your Medical Alive and Well'

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Tent B 11:30 AM

A Modern Home builders' Story

Jonathan Fay

Jonathan Fay set out to build an airplane to help his son train to be a pilot. He was fulfilling a lifelong dream, but as an engineer and scientist it had to be high-tech. He built an airplane that could meet FAA TAA requirements, use a high-tech engine, use modern electronics and 3D printing and be free of legacy lo-tech. In just under 19 months he completed first flight.

Tent A 12:45 PM

Unmanned Aircraft Systems AKA Drones

Garth Bruce - UAS Pilot & FAA Safety Team Rep.

Brief Description:

All Pilots (Manned and Unmanned) have questions regarding UAS operations. In this 60 minute session, we'll go over UAS regulations, safety concerns, best practices and answer as many of your questions as we can on all things UAS.

General topics for discussion:

- Where can I fly?
- Do I need a visual observer? A safety checklist?
- How do I get an Airspace Authorization to fly near an airport?
- Are there third party tools to help me fly safely?
- What happens if I have an accident?
- How do local laws and ordinances governing UAS operation affect me?
- Should I practice emergency procedures?

Tent B 12:45 PM

Electric Aircraft and Air Taxi's

Richard Morrisson

A look at some of the new electric aircraft and air taxi's that are in development. Highlighted features of the aircraft and the presenter's perspective on the merits of aircraft will be included. These aircraft are the future of aviation and are preparing to enter the market with a storm. A market watch includes 18 aircraft that are serious contenders with another 67 in development. *material from Transportup.com used with permission.