

2018 NW AVIATION CONFERENCE SCHEDULE - SATURDAY, FEBRUARY 24 | 9:00 AM - 5:30 PM

7:15 A.M. Registration open for **IA Seminars** - Maintenance seminars open to everyone, certification provided to registered attendees only

8:00 AM Room C | Founders **Aircraft Battery Airworthiness**, Concorde Battery, Bob Burke! *See page 38 for details on the IA Seminars and Registering for this event*

9:00 AM **TRADE SHOW OPENS** Admission \$5.00/person at the door | 17 and under FREE. Parking FREE, Blue Lot

Room C | Founders

Care & Maintenance of Cleveland Wheels & Brakes

Vern Rodgers, Parker Aerospace (See page 38)

10:15 AM

Room C | Founders

Myths & Facts of Prop Damage Revealed

Bob Honig, Ameritech (See page 38)

11:15 AM

Room C | Founders

Fuel Cells Maintenance

Kurt Hartwig, Eagle Fuel Cells (See page 38)

12:15 PM

AV18

Visit [washington-aviation.org](http://www.washington-aviation.org) for updated schedule.

1:30 PM

Room C | Founders

Slick Mag Maintenance

Zach Lincolnhol, Champion Aerospace (See page 38)

2:30 PM

Room C | Founders

RSA Fuel Injection Systems and MSA Float Carburetors

Alan Jesmer, Precision Airmotive (See page 38)

3:30 PM

Room C | Founders

Maintenance & Inspection of Standard and Tuned Exhaust Systems

Darren Tilman, GM, Power Flow Systems, Inc

4:30 PM

Room C | Founders

Common Issues with Fabric Covered Aircraft

Tom Murphy, TacAero (See page 38)

9:15 AM

Room A | South Foyer

RUSTY PILOTS SEMINAR

(3 hours | 9:15-12:15)
Participate in this program with fellow lapsed pilots. AOPA will help you understand what's changed in aviation since you last took the controls and brush up on your VFR aviation knowledge. Seminar is free to AOPA members. Join AOPA today to waive the non-member fee of \$69.

Note: Does not include the \$5.00 NWAC admission. Register online at rustypilots.org/events

Room B | Pioneer

Flying to Alaska
Adam White, Alaska Airmens Assoc.

Room D | Heritage

What's New with Garmin?
Wayne McGhee, NW Aviation Regional Sales Manager, Garmin
Wayne will explain what the new Garmin products are capable of and clear up misconceptions. Do you know what "connected cockpit" refers to? Q/A

Keynote Area

Engine Failure: When you only have one
Johnny Summers, FAA DPE, Seattle FSDO
Once the engine quits, it's too late to prepare. We'll take a systematic look at being prepared for an engine failure.

10:30 A.M.

Room B | Pioneer

Search and Rescue and You
Bruce Booker, WASAR
(See page 12 for details)

Room D | Heritage

NORAD's TFR and ADIZ: Avoid a Fighter Escort
Discover the #1 reason GA aircraft are intercepted and how to avoid it. Learn practical steps to avoid Temporary Flight Restrictions (TFRs) and what to do if you are intercepted. Join NORAD in an informative and lively session that will keep you out of trouble, and off the evening news.

Room E | North

What does it take to Get your Seaplane Rating?
Austin Watson, Washington Seaplane Pilots

Keynote Area

IFR Decision Making: Chasing Choices
Richard McSpadden, Executive Director, AOPA Air Safety Institute
(See page 16 for details)

11:45 A.M.

Room B | Pioneer

Post-Crash Survival
Ian Mortensen, TacAero Director of Training
Learn about the conditions affecting survival, techniques for strengthening your "will to survive", basic survival medical care, techniques for protecting yourself from the environment, overland travel techniques, how to properly use signaling equipment, and recovery principles.

Room D | Heritage

How to Operate Safely as a Remote Pilot in the National Airspace System
David Ison, author, ERAU professor
Session is sponsored by **Aviation Supplies & Academics, Inc.** (See page 13)

Room E | North

Washington Pilots Assoc. (WPA) Annual Meeting and Luncheon

Keynote Area

The Ultimate Off Road Adventure: Flying Seaplanes
Steve McCaughy, Executive Director, Seaplane Pilots Association
(See page 14 for details)

1:00 PM

Room B | Pioneer

Using Augmented Reality in the Cockpit
Steve Podradchik, CEO co-founder, Seattle Avionics
Virtual reality has come into our cockpits to show computer-generated approximations of the real world. Now new iPhone and iPad apps go further and use AR to blend a real-time video feed with computer generated overlays. Learn how this can make you a safer pilot, especially when flying at night, near unfamiliar airports, or in poor weather.

Room D | Heritage

Saving a B-52 for the Museum of Flight
Bob Bogash, Museum of Flight
(Details page 12)

Room E | North

Weather I: Web Based Aviation Weather and Flight Planning Tools
David Bieger, SEA Center Weather
(Details page 45)

Keynote Area

AOPA Northwest Aviation Address
Mark Baker, president, Aircraft Owners & Pilots Association
(See page 12 for details)

2:15 PM

Room A | South Foyer

Maximum Fun, Minimum Cost: How to Start and Run a Flying Club
Les Smith, Pilot Community Development, AOPA
(Details pg 16)

Room B | Pioneer

Salute of the earliest Warbirds, Neuport Fighter Planes over the Centennial of the Battle Of Vimy, France.
Allan Snowie, Historian
An inside look at an event that is little known in the US

Room D | Heritage

ForeFlight for IFR Use
Gary Reeve, Pilot Safety
Learn 10 pro tips including the best ways to mark-up charts, compare Jepp vs Government; plates and IFR planning. (See page 17)

Room E | North Foyer

Flights Above - FATPNW 2018 Flight Plan
Join founder, Brice Van Baren, as he unveils new services for the PNW aviation community, and lists 2018 Flying events!

Keynote Area

The Speed of Life: Perseverance and Triumph over Tragedy
Major Brian Shul, USAF, Retired, author of *Sled Driver*
(Details page 8)

3:30 PM

Room A | South Foyer

The Art of Backcountry Float Flying - and Surviving
Vern Kingsford, Alaska Float Ratings
(Details page 20)

Room B | Pioneer

Buying an Airplane: An Insurance Perspective
Mike Adams, Vice President of Underwriting Avemco Insurance
(details page 8)

Room D | Heritage

What's New in IFR for GA Pilots
Bruce Williams, Bruce Air
The IFR environment is changing rapidly. Learn about new types of IFR procedures, including departures and approaches. (details page 18)

Room E | North Foyer

JBLM C-17 Operations and Mid Air Collision Avoidance (MACA)
62 AW Flight Safety Officers and C-17A Pilots

Keynote Area

Alaska Airlines Pilot Careers Q & A
The Horizon & Alaska team will field pilot questions and share 2018 projections.

4:30 PM

Room A | South Foyer

Seaplane Flying: The Aviation Career Path Less Traveled
Steve McCaughy, Executive Director, Seaplane Pilots Association
(details page 14)

Room B | Pioneer

Tools & Skills for Collision Avoidance
Howard Wolvington, DPE
(details page 18)

Room D | Heritage

The Propeller under the Bed: A Personal History of Homebuilt Aircraft
Eileen Bjorkman, author
(details page 22)

Room E | North Foyer

Weather II: Warm Season Hazards of the Inland Northwest
Steven Van Horn, Meteorologist, NWS, Spokane, WA (Page 45 details)

Keynote Area

2018 NW Regional Aviation Maintenance Competition Awards
Sponsored by Alaska Air
(See page 36 for details)

5:30 P.M. **SHOW CLOSE** - See you SUNDAY @ 10:00 AM

2018 NW AVIATION CONFERENCE SCHEDULE - SUNDAY, FEBRUARY 25 | 10:00 AM - 4:00 PM

10:00 AM **TRADE SHOW OPENS** Admission \$5.00/person at the door | 17 and under FREE. Parking FREE, Blue Lot

10:15 AM

Room A South	Room B Pioneer	Room C Founders	Room E North Foyer	Keynote Area
Weather III: Cool Season Hazards - Aircraft Icing Theory and Avoidance James Vasilj, Aviation Meteorologist, Seattle Center Weather Service Unit Auburn, (Page 45 for details)	Combining Online Flight Planning with iPad Apps John Rutter, President, Seattle Avionics iPad apps have changed the way we navigate during a flight but their small screens make them less than ideal for flight planning. Web-based flight planners on your PC or Mac are much better for pre-flight weather and flight planning but can't be used while flying. Learn how to combine iPad apps with a new generation of web-based flight planning tools to get the best of both worlds.	Tips for Successful Seaplane Flights Steve McCaughy, Seaplane Pilots Association	Corrosion Prevention and Control Mark Pearson, President, Lear Chemical Research Corporation	Tips for Single-Pilot IFR Bruce Williams, Bruce Air <i>Single-pilot IFR is one of the most challenging types of flying. Learn essential strategies, tactics, and procedures that can help you manage operating in today's environment. (See page 18)</i>

11:30 AM

Room B Pioneer	Room C Founders	Room D Heritage	Room E North	Keynote
Search and Rescue and You Bruce Booker, WASAR What are the average times to rescue with and without a flight plan? What is the impact of those times on the odds of survival? Booker defines when an aircraft is "overdue" and how SAR are notified.	TFR and ADIZ: How to Avoid a Fighter Escort Speaker TBD, NORAD Discover the #1 reason GA aircraft are intercepted and how to avoid it. In this action packed briefing you'll learn practical steps to avoid Temporary Flight Restrictions (TFRs) and what to do if you are intercepted. Join NORAD in an informative and lively session that will keep you out of trouble, and off the evening news.	How to Operate Safely as a Remote Pilot in the National Airspace System David Ison, author, ERAU professor This session is sponsored by Aviation Supplies & Academics, Inc. (See page 13 for details).	The Propeller under the Bed: A Personal History of Home-built Aircraft Eileen Bjorkman (Details page 22)	Collision Course: Avoiding Airborne Traffic Richard McSpadden, Executive Director, AOPA Air Safety Institute The "big sky" can get awfully small when multiple aircraft are in the vicinity. Even with ATC support and traffic displays, near misses happen too frequently and midair collisions still happen. Advanced technologies which ensure more precise course and altitude tracking and more aircraft converging on fewer airports all work to shrink the "big sky".

1:00 PM

Room B Pioneer	Room C Founder	Room D Heritage	Keynote Area
The 1927 Spirit of St. Louis Flight Bill McCutcheon An examination of Lindbergh's epic flight from New York to Paris in the Ryan NYP to win the \$25,000 Orteig Prize	The Art of Float & Backcountry Flying - and Surviving Vern Kingsford, Alaska Float Ratings Learn from Vern's 20,000 hours of bush and mountain flying, on how to safely navigate amidst steep narrow canyons with ever changing winds into remote mountain strips and lakes. (See page 20)	Mastering the GPS for IFR Gary Reeve, PilotSafety.org Attend this class to understand how to use GPS approaches. Learn the critical difference between IAF and IF, LPV and LP+V, and how to program your Garmin or Avidyne units. We will also cover using ForeFlight as a planning tool and how to fill out ICAO flight plans correctly so that you can fly RNAV SID and STAR.	The Speed of Life Perseverance and Triumph over Tragedy Major Brian Shul, USAF, Retired, author of Sled Driver

2:30 PM

Room A South Foyer	Room B Pioneer	Room D Heritage	Keynote Area
Weather IV: Interpreting Weather Charts on the Internet Danny Mercer, Meteorologist, Aviation Focal Point, National Weather Service, Seattle, WA (Page 45 for details)	Flying to Alaska Adam White, Alaska Airmens Assoc.	Flying a Tailwheel Airplane Wes Valpey, Chief Pilot - TacAero, Hood River, OR "There is a big difference between a pilot and an aviator. One is a technician, the other is an artist in love with flight." - Elrey Jeppesen Mastering a tailwheel airplane is a great way toward becoming a true aviator. Conventional gear airplanes require pilots to develop and refine their stick and rudder skills. The heightened skills teach the tail dragger pilot to be more in tune with their aircraft, making flights in any aircraft much more rewarding..	Mountain Flying in the Puget Sound Johnny Summers, FAA DPE, Seattle FSDO (See page 17 for details on this seminar)

4:00 P.M. **Show Close** - See you next year!

SAT 9:15 AM | SUN 2:30 PM

GENERAL AVIATION IN ALASKA

What you Need to Know about Flying in the Last Frontier

Adam White, Alaska Airmen's Association

What you need to know about operating in Alaska versus the Lower 48 states. The discussion will include flight planning, IFR vs. VFR, ADS-B coverage, Special Use Airspace, services at airports, survival equipment, and many other things that will help make your trip a success. Adam has lived in a small rural community in Alaska for more than 20 years. He has several thousand hours flying in Bush Alaska specializing in off-airport operations on floats, wheels, and skis.

KEEP US FLYING HIGH.

Join the talented Mechanics and Engineers of Alaska Airlines and Horizon Air that ensures the high quality and safety of our fleet of aircrafts.

Up for the challenge? Let's chat. Stop by our booth at the Northwest Aviation Conference.



Make sure to pre register at washington-aviation.org/forumcareer.html