President’s Message

How are we doing on ADS-B equipment Installation?

Those of us who have not implemented ADS-B on our aircraft yet are probably seriously scrambling to get it done before the end of the year. There are about 211,000 GA aircraft in the United States. Around 54,000 GA aircraft have been equipped with ADS-B which is only about 25% of them. Many aircraft owners live in areas where they can continue to fly while avoiding the airspace where ADS-B equipment is required. This fact and the 25% ADS-B installation rate suggest to me that it might be a very long time before most GA aircraft are equipped with ADS-B. For those of us that fly in the Puget Sound area there will be no avoiding the ADS-B requirement by the end of this year.

Space Based ADS-B is coming!

Those of us who pay attention to aviation industry news already know that Nav Canada and the rest of the planet plan on implementing space based ADS-B. In January a SpaceX Falcon 9 rocket launched the final 10 Iridium NEXT satellites into low Earth orbit completing the constellation of 66 operational
Each Iridium NEXT satellite carries an Aireon ADS-B payload. (See AOPA article: https://www.aopa.org/news-and-media/all-news/2019/april/pilot/ads-b-going-global) The advantages of a space based system are obvious. It will soon be possible to provide Air Traffic Control services across the entire planet. Trials over the North Atlantic will begin soon.

There are currently more questions than answers on what this development might mean to US aircraft owners. There is no indication that the FAA will abandon the ground based system of ADS-B towers but at some point in the future space based ADS-B will probably be required in order to utilize the airspace in Canada. The cost of participation in space based ADS-B is a transponder that supports diversity. (Diversity provides antennas on both the top and bottom of the aircraft.) The L3 NGT-9000 has supported diversity since its introduction in April 2015 but requires that the second antenna be installed and a diversity access code be purchased. Garmin has come out with two new ADS-B transponders (GTX 335D and GTX 345D). See AOPA article: https://www.aopa.org/news-and-media/all-news/2019/march/26/garmin-adds-diversity-to-popular-ads-b-transponders. This article indicated that earlier versions of Garmin ADS-B transponders cannot be upgraded to support diversity. This could be bad news for those who have recently installed a Garmin ADS-B transponder if they fly to Canada. The Canada ADS-B requirement could be phased in as early as 2023 but there will likely be a lot of push back on the schedule. The FAA is going slow on satellite ADS-B with plans to evaluate it for enhanced surveillance of aircraft flying in the Caribbean region. I think we can be fairly certain that the FAA will at least embrace satellite ADS-B for aircraft surveillance in oceanic regions.

One of the more fascinating developments associated the Aireon space based ADS-B is free Aircraft Locating and Emergency Response Tracking (ALERT). See article: https://aireon.com/services/aireonalert/. If your ADS-B transponder supports diversity then all you have to do is register with Aireon in order to get this free service.

If I was installing a new ADS-B transponder now I would certainly select one that supports diversity. Space based ADS-B appears to be the future for most of the planet and I suspect that over time possibly even in the United States.  

RJ
May 3rd General Membership Meeting

- **Where:** Sno-Isle Bistro
  9001 Airport Rd
  Everett, WA 98204

- **Dinner By:** Sno-Isle Bistro

- **Cost:** $15 per person at the door (Cash/Check Preferred)

- **Schedule:**
  - Doors Open for Guest Check-In @ 1830
  - Dinner Served @ 1900
  - Program - Arlington Fly-In

- **RSVP:** Email number attending and Names to wpa.painedinner@gmail.com by Monday Night

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**Bowerman Airport Summer Closure**

*Drainage project prompts two-month full closure of Bowerman Airport this summer*

A critical drainage project at the Port of Grays Harbor’s Bowerman Airport will prompt a full closure of the runway, main taxiway, fuel island and apron from July 8, 2019 through September 4, 2019, per the Federal Aviation Administration (FAA).

The project will include the regrading of runway and taxiway shoulders, as well as the area between the runway and taxiway to move water away from those surfaces. Much of the drainage infrastructure in that area will be removed and replaced with additional catch basins installed as needed, and existing outfalls will be cleaned and repaired as necessary. After completion, the area will be seeded and returned to a grass-covered surface. Edge lighting along the runway will be replaced and the segmented navigation circle repaired. The improvements should dramatically reduce the frequency, amount, and duration of surface water at the airport.

“We apologize in advance for any inconvenience the closure may cause to our aviation community, both locally and beyond,” stated Business and Trade Development Assistant Shannon Anderson. “We appreciate everyone’s patience and understanding during construction and we are confident the drainage project improvements will be a benefit for Bowerman Airport users for decades to come.”

Work will be completed by local contractor Rognlin’s, Inc. The project cost is $2,412,623.67, which will be shared by the FAA, Washington State Department of Transportation Aviation and the Port of Grays Harbor. The project is the fourth of five phases since 2013 with the final phase of the project scheduled for 2023, which will combine drainage improvements with resurfacing of the aprons and taxiways around the hangars.
VMC/IMC Forums on Pause for 2019

Our WPA Paine Chapter and Simulation Flight are continuing to sponsor and hold monthly safety and education forums on both IFR and VFR subjects. These forums are at no cost to pilots and most forums qualify for FAA Wings credits. Bob Collins, owner, is a Paine Chapter member.

These are not a dull lecture. A practical subject/scenario will be presented each time by experienced CFI’s for discussion. Forum participants are encouraged to share their questions, views, and experiences. This is an opportunity to learn from each other in a small group, with guidance from some very experienced pilots.

The Forums are normally scheduled for the 4th Wednesday of the month at 7PM -8PM local time. However, they are on hold for the summer due to the spectacular flying season. Look for an announcement on the next forum in the July and August newsletter issues. GF

Weekly Saturday Fly-Outs

Pick the Destination and Lunch:
Every Week those who show up pick the destination. Recent destinations have included Forks, Bremerton, Oak Harbor, Concrete, Friday Harbor, and Skagit!

Want to Join us Next Time? Meet at Regal Air around 9:30am Saturday Morning (weather permitting). Departure at 10am. Seats are available first come, first serve; extra aircraft always welcome.

This Month’s Fly-Outs: May 4th, 11th, 18th, & 25th
Send any photos to newsletter@wpapainefield.org for inclusion in next month's issue!

Membership Roundup

I would like to personally welcome each of our new members to our chapter, and am looking forward to meeting you, and enjoying our wonderful hobby together. And as a reminder, spouses and partners of members, are also members. If you do not have a Paine Field Member Badge shoot me an email or get a hold of me at the next meeting, and I will make one for you.

Lately at the general meetings I have been passing out "Join Paine Field WPA" business cards, and have been encouraging everyone to get your pilot friends to join. Be sure to tell them of all the benefits afforded to them, such as the 15 cents a gallon fuel discount at Castle and Cook gas pumps at Paine Field, and Arlington Airport. And don’t forget the wonderful camaraderie at our social gatherings, and dinner meetings. Guest speakers, talking on varied topics of aviation. Fly outs to fun, and exiting places. And the added strength it gives our community as we advocate for aviation. Our Paine Field chapter already has the largest number of members in the state, and we are looking to make it even bigger. WT
Cessnas2Oshkosh 2019

Save the date: SAT 1 JUN.

The Pacific Northwest Cessnas2Oshkosh Formation Mass Arrival Training Clinic will be held SAT 1 JUN in Olympia, WA. Our host will be FBO Jorgensen / Safety In Motion at KOLM.

Frank Hummel
C2O PNW Clinic Lead
frankh909@gmail.com

PAE HANGAR
SPRING CLEANING

May 10th - 20th

Take this opportunity to clean out your unwanted items, extra dumpsters will be located on the West, Central, and East Ramps.

Please DO NOT dispose the following:

- Paint
- Oil
- Tires
- Asbestos
- Combustible items
- Computers
- Pesticides
- Car parts
- Cleaning fluids
- Anything over 8 feet
- Large appliances
- Monitors/TV’s

QUESTIONS? CONTACT NICHOLAS CALHOUN - OPERATIONS SPECIALIST
O: 425-388-5112 | NICHOLAS.CALHOUN@SNOCO.ORG - PAINE FIELD/SNOHOMISH COUNTY AIRPORT
Newsletter Submissions Needed

Do You Think You Have What It Takes? Is there an Aviation topic or event that you’re familiar with that you think other members would be interested in? Do you want to share that awesome photo you took on your last flight? Did you just visit a new on/near airport restaurant and want to share your experience? Are you not sure about any of the above questions?!! Well, I can help you with that!

The Paine Flyer is always looking for great content. If you would like to have your submission included in the next issue, please send it to newsletter@wpapainefield.org by the 15th of the month and I’ll work with you to make sure it gets included. No special software or talent needed, just send text or unedited photo files and I’ll help you make it shine!

CLASSIFIEDS

Frontier Air Park - Level, quiet, secluded buildable acreage in Frontier Air Park, a unique gated community which is tailored for flying enthusiasts! - 5.3 wooded acres - Shared well - Power to the property - Recent recorded survey - Air Rights available - $189,000.00

Interested Buyers can contact Gregg Ortega at 360-659-4323 or skyranchpilot@yahoo.com

Simulation Flight provides IFR and VFR proficiency training in their FAA approved simulator. Over 30 aircraft types, Round Gages and Electronic Flight Display, including G1000, 180° video display, and realistic motion. By appointment - www.simulationflight.com

Contact Bob Collins, ATP, CFII - 425-374-1954

BFR’s, Instrument proficiency or IFR Rating in your airplane. Special rate for WPA members.

George Futas, CFII, ASME - 425-260-4445

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