

Washington Skies

Washington State Department Of Transportation Aviation Division

October 2018

Lynden unveils first Washington state airport kiosk

Lynden Municipal Airport officials unveiled their airport kiosk on Friday, Sept. 28 – the first built using the WSDOT airport kiosk design chosen in March 2018.

Kiosks are designed to encourage airport visitors to explore the area and include information about local attractions, landmarks, restaurants, lodging and other points of interest. The kiosks also include information about airport services and amenities.

Volunteer students from the Technic Training Center in Lynden built the first kiosk, with materials paid for by WSDOT's Aviation Division.

"Our center helps train young people build unique skills and students try and find community projects (to use in their training). This was a great experience for them and took four students about four weeks to complete," said John Slagle, Technic Training Center Program Director.

The kiosk is located near the airport pilot's lounge and includes four bicycles for visitors to use. Its location was selected to be visible to both arriving pilots and their passengers.

Airport Manager Steve Banham said he is excited to have the kiosk and thinks having a designated location for information will benefit travelers as well as the airport and community. "Our airport depends on people coming in to buy fuel, so we always encourage people to come in and visit," he said.

Officials also unveiled the official Lynden Municipal Airport "stamp" for the upcoming Fly Washington Passport Program, launching in February. The passport program encourages pilots to visit public use airports and communities across the state. All participating airports will have a "stamp" pilots can add to their passports.

To view photos of the kiosk and stamp unveiling, visit the following link: <https://flic.kr/s/aHsmr5bq2K>

Aircraft Registration Program updates for 2019

The WSDOT Aviation Aircraft Registration Program is making improvement during the 2018 renewal cycle (November 2018 through February 2019). WSDOT registers approximately 6,600 aircraft and 3,000 exemptions to aircrafts owners who qualify.

Beginning July 2018, WSDOT started an innovative effort to improve the aircraft registration program to make it more efficient, user-friendly and cost-effective.

The system will interface with the Federal Aviation Administration (FAA) registrations and provide an easier user-interface for aircraft owners to register their aircraft. System testing begins early 2019.

County aviation preparedness

WSDOT Aviation Division has been on the road in recent months observing and providing technical assistance to counties and volunteer organizations for aviation emergency preparedness programs within the state.

WSDOT Aviation has supported Disaster Airlift Response Team (DART) training in Clallam, Jefferson and Kitsap counties. DART is a relatively new concept for general aviation and involves a volunteer group of pilots and aircraft that fly missions in support of a county disaster relief plan.

There are also volunteers of pre-trained and certified people to assist the airport staff in the event of a regional or state disaster. WSDOT Aviation has been invited to give briefings to several local organizations for aviation emergency services planning and response so the local communities have a better understanding of their roles in a coordinated aviation plan that will support their communities.



Pilots and aviation enthusiasts came to see the official unveiling of the Lynden Municipal Airport Kiosk on Friday, September 28, 2018.

Economic Impact Study updates begin

The WSDOT Aviation Division recently initiated an update to the Washington Aviation Economic Impact Study (AEIS). This study, previously completed in 2012, provides critical information on the value of our aviation system. It is widely used throughout the state to communicate aviation's benefits. The new study is funded with a grant from the Federal Aviation Administration (FAA), with supporting funds from WSDOT.

The work involved is scheduled for completion in February 2020. Similar to the prior study, the new AEIS will calculate and document the net economic contributions, both quantitative and qualitative, that airports make to the local community, region, and state. Additional analysis will identify off-airport businesses and industries that use and depend on the airports.

The consultant team consisting of Kimley-Horn, Economic Development Research (EDR) Group, WSP USA, and PRR has been reaching out to airports to request information from you to facilitate the economic impact analyses.

Zunum Aero and Safran Helicopter Engines join forces

[Zunum Aero](#) selected Safran Helicopter Engines for its hybrid-to-electric commercial aircraft, which will be available in early 2020. Safran Helicopter Engines will provide a new generation engine turbine to drive the Zunum ZA10's electrical generator. This turbo-generator will power a 12-seat, hybrid-to-electric 700-mile commercial aircraft, driving extraordinarily low operating costs, offering unprecedented door-to-door travel times that are two to four times faster than today's.

The aircraft under development, internally dubbed the "ZA10," is the first in the company's family of regional, hybrid-to-electric aircraft. It will be powered by dual power sources: propulsion batteries, and a Safran turboshaft from the 1,700 to 2,000 shaft horsepower Ardiden range.

This will be used as a hybrid power source achieving demanding cost, efficiency and uptime requirements. It will deliver breakthrough operating costs of 8 cents per available seat mile or \$250 per hour for the aircraft, which is 60-80 percent lower than comparable conventional aircraft of comparable size. The ZA10 aircraft is designed to cruise and land on turbo-generator power alone, offering full redundancy.

Zunum's selection of Safran is a critical step towards realizing the delivery of an economical, efficient hybrid-to-electric aircraft by the early 2020s. Because a key element of the MW-class hybrid-to-electric powertrain is a 500kW capable gas turbine that is compact, lightweight and highly efficient, to complement the propulsion batteries onboard, Safran's proven expertise made the partnership a natural decision.

Zunum Aero is a partner in the WSDOT-led Electric Aircraft Working Group (EAWG).