



# PLANE TALK

Publication of Statewide Aviation



FALL 2019

## ALASKA AIRPORTS... BY THE NUMBERS

The Alaska Department of Transportation and Public Facilities, Division of Statewide Aviation's latest reports *Economic Contribution of Aviation Industry to Alaska's Economy*, and *Alaska Aviation System Plan Phase II* show that the benefits of Alaska's airports go way beyond what is seen on the airfield. These reports and other documents about the importance of Alaska's aviation system are available on the Aviation System Plan [website](http://www.alaskaasp.com). (www.alaskaasp.com)

**\$3.8B**

### Annual Economic Output

The economic impact of Alaska's aviation industry is estimated at 35,000 jobs contributing more than \$3.8 billion to the state economy.

**5M**

### Passengers Enplaned

The number of enplanements in Alaska is 6.8 times the state population compared to 2.6 times the U.S. population for all states.

**5th**

### Busiest Cargo Airport in the World

Ted Stevens Anchorage International Airport is the fifth busiest airport in the world for cargo throughput.

**394**

### Public Airports in Alaska

There are 394 public airports and an additional 363 locations recorded as landing areas.

**8,734**

### Registered Aircraft

There are 8,734 registered aircraft in Alaska which makes up 3 percent of all U.S. registered aircraft. In Alaska that's 12 airplanes per 1000 people!

**5,172**

### Registered UAS

There are 5,172 registered Unmanned Aircraft Systems /Drones in Alaska.

**311**

### Certificated Air Carriers

311 certificated air carriers provide scheduled and on-demand services in Alaska.



Scott McMurren  
Alaska's Travel Guru

Real ID

Aviation Stakeholders  
New Faces

## Message from DC Binder:



The Department recently commissioned *The Economic Contribution of the Aviation Industry to Alaska's Economy* report to measure the economic benefits provided by the state's airport system. The report updates a 2009 study and provides new figures on the impact the aviation industry has on Alaska's economy. The Fairbanks and Anchorage International Airports are economic engines for their cities, with ANC supporting 1 in 10 jobs in Anchorage and FAI supporting 1 in 9 jobs in the Fairbanks North Star Borough. These airports also serve as gateways for tourism and both saw increased passenger enplanements in July - ANC was up 3.9% and FAI was up 8.7% over 2018. I encourage you to read the [report](#) to enhance your knowledge and appreciation for the largest aviation system in the country.

The post 9/11 law designed to keep people from using fake IDs to board airplanes is one year away from taking effect. Airports will be requiring [Real IDs](#) by October 1, 2020. Don't be caught by surprise and make sure your drivers license is compliant or have the required enhanced identification in order to pass through security. More information can be found in this newsletter.

Other deadlines to be aware of is the state's [Capstone Loan program](#). Alaska is the only state in the nation offering this type of loan program for commercial and general aviation operators to purchase and install ADS-B equipment in their aircraft. The NTSB recently held a safety roundtable discussion in Anchorage and it was believed many of the recent accidents in the state could have been avoided if operators had implemented safety management systems, [installed flight data monitoring devices](#), and ensured pilots

received comprehensive controlled-flight-into-terrain avoidance training. Funds are still available for ADS-B equipment but the Capstone loan program will sunset July 1, 2020.

I'd like to sincerely thank the Anchorage residents for their patience this summer with all of the increased aircraft flying over the city. The airport's runway project is expected to be completed in October and I'm happy to report that is earlier than projected. This two-year project is a major investment in critical infrastructure that supports Alaska's air travel and allows us to lead the cargo market as the 5th busiest cargo airport in the world.

Coming up next month is the Department's triannual meeting with air carriers to provide information and support to our airport customers focusing on year-round airport maintenance and operations issues. We look forward to these meetings and hearing how we are meeting their needs.

Enjoy the Alaska fall, and Fly safe!

John Binder  
Deputy Commissioner



**John Binder and ANC Division Operations Manager, Trudy Wassel were in Hong Kong to receive the 2019 Asian Freight, Logistics & Supply Chain Award for Best Air Cargo Airport in North America.**

*(Cover - Dillingham Airport Manager Norman Heyano surrounded by private jets at the beginning of lodge fishing season, summer 2018. Photo by Anna Bartholomew, Alaska DOT&PF)*

### *Scott McMurren - Alaska's Travel Guru*



Scott is a travel expert with 30-years of experience in the travel business. If you're going on a trip chances are you're passing through the Anchorage Airport. Here are some of Scott's travel tips to make your trip a little easier:

- **Check in online at home.** You can either print your boarding pass or in many cases get your boarding pass on your phone. It's one less opportunity to wait in line at the airport.
- **Apply for a "Global Entry" card in advance.** This will save you time when arriving back in the U.S. after an international trip. But the side benefit is that you get "TSA Pre-Check". That's the short line at security! <https://www.cbp.gov/travel/trusted-traveler-programs/global-entry/how-apply>
- **Arrive early to the airport.** My family hates me for this habit—but we don't miss flights. I show up two hours prior to departure and head for the lounge. You never know what's happening at security and I don't want to be late.
- **Have an attitude of gratitude.** Flying is hardly exclusive any more. You're going to see a cross-section of humanity. That includes people who don't fly very often, or need help with that fat carry-on. Lend a hand "Travel Champion."

Subscribe to Scott's complimentary newsletter at [The Alaska Travelgram](#) where you'll get the latest information on hot travel deals.



Transportation  
Security  
Administration

## ID Requirements Are Changing

Does your ID have a star?



Beginning **October 1, 2020**, you will need a REAL ID-compliant license or another acceptable form of ID, such as a valid passport or U.S. military ID, to fly within the U.S.

Check with your state driver's license agency to verify that your state-issued ID is compliant.

Learn about flying with a REAL ID at [tsa.gov/real-id](https://tsa.gov/real-id)



Questions about flying?  
1-866-289-9673 Federal Relay 711  
TSA-ContactCenter@tsa.dhs.gov  
@AskTSA #Check4TheStar

Travelers who do not have a REAL ID may use another form of acceptable documentation, such as a valid passport or military ID. For a complete list of acceptable IDs, go to <https://www.tsa.gov/travel/security-screening/identification>. A REAL ID also will be required to gain access to secure federal facilities, including military bases, nuclear facilities and some federal offices starting Oct. 1, 2020.

## ***WINTER OPERATIONS: Working together to keep the world moving***

*By Zaramie Lindseth, Airfield Maintenance Manager, Ted Stevens Anchorage International Airport  
Excerpt of article from [International Airport Review](#)*

With below average snowfall, and above average ice conditions throughout the winter, winter operations at Ted Stevens Anchorage International Airport are evolving with the weather. Airfield Maintenance Manager, Zaramie Lindseth, reveals how with over 33 million square feet of pavement to de-ice, the operation must be streamlined, succinct and most importantly, safe.

Just 9.5 hours from 90 percent of the industrialized world, Ted Stevens Anchorage International Airport (ANC) is the center of the air cargo world. By the end of summer 2019 the world's fifth largest cargo airport will have two design group six runways measuring 200 ft. wide and all three runways more than 10,500 ft. long. The additional runway width will have no impact on active snow events. We will maintain each runway with the same persistence and proven methods we always have. Just one pass down and back, our snow teams are able to clear nearly the entire runway. The additional width will not impact cleanup operations either. The paved surface area remains the same, only the structural pavement is widening, the edge of pavement stays the same.

Contractors will complete the second and final phase of the runway 15/33 rehabilitation project, where the widening of the structural surface will accommodate the larger wingspan of the Boeing 747-8 frequenting the center of the air cargo world and meets the Federal Aviation Administration's runway specifications. The runway is also being shifted to the north, which will separate the 15/33 safety area from the runway 7L/25R safety area. Separation of the runway safety areas will provide an additional layer of safety, and streamline operations, as by separating the runway safety areas snow crews will be able complete operations on the closed runway where the safety areas intersect without the additional ATC coordination and communication which is currently required.

Seasons have changed. Over the last five years ANC has seen below average snow and above average ice. More ice events have translated to increased runway de-icing and require more finesse as the maintenance foreman balances the use of solid deicers with liquid anti-ice to maintain the safe surfaces that aircraft transit. A full snow removal team will still remain a necessity for the random snow events that occur throughout the season.



## Security Spotlight

By Jeremy Worrall

*DOT&PF Maintenance & Operations Superintendent*

*DOT&PF operates twenty rural airports that are regulated by TSA. This segment will feature security related news and information to help the people that work and operate from these airports to maintain an effective culture of security awareness.*

Insider threat is one of the main areas of focus in today's aviation industry. A story broke the day this segment was written that involved a mechanic for a major US airline who was arrested and charged with sabotaging a commercial passenger aircraft. Our industry also has several examples of aviation workers smuggling items onboard passenger aircraft.

These 'insider' threats are difficult to counter and require everyone at our airports to maintain security awareness and to ensure that suspicious activities are immediately reported.

The Department of Homeland Security has a program you've probably heard of that uses the see something/say something tagline and it really is as simple as that; if you see something that looks out of place or suspicious, say something to the DOT&PF airport staff, to the police, to your supervisor. Airport security is everyone's business, thank you for doing your part to help keep our airports safe and secure.

## State of Alaska Capstone Loan Program

*Funds Are Still Available for ADS-B Avionics*

The NTSB recently hosted a roundtable discussion in Alaska with commercial air carriers, safety experts, aviation industry associations, FAA officials, and native tribal leaders to discuss ways to improve safety of commercial operations conducted under Part 135 of FAA regulations. Part 135 operations encompass both on-demand and scheduled operators, as well as air medical operations that provide essential air transportation services within Alaska.

Between January 2008 and June 2019, 80 people died in 207 accidents involving Part 135 operations in Alaska. The NTSB believes many of these accidents could have been avoided if operators had implemented safety management systems, installed flight data monitoring devices, and ensured pilots received comprehensive controlled-flight-into-terrain avoidance training.

The State of Alaska implemented a loan program in 2008 to help aircraft owners purchase and install eligible Capstone (ADS-B) avionics equipment in aircraft.

### Capstone Loan Program Sunsets July 1, 2020

The Capstone loan program still has funds available for both commercial and general aviation operators. The fixed interest rate is very low at 4.0% and the maximum loan term is up to 10 years. More information can be found online or by contacting a loan officer at (800) 478-5626 (toll free in Alaska) or (907)465-2510; or by email - [financing@alaska.gov](mailto:financing@alaska.gov)

### ADS-B Out Avionics

ADS-B Out avionics will be required in all aircraft effective January 1, 2020, when operating in airspace designated Class A, B, or C. The Ted Stevens Anchorage International Airport is the largest airport in the state and its airspace is Class C.



## UPCOMING EVENTS:

**OCTOBER 3 - Aviator's Forum, 7:00pm - 8:00pm,**  
Alaska Aviation Museum

**OCTOBER 19 - BIG BAND BASH -** Aviation  
Museum, Doors open at 6:00pm. Call 248-5325 for  
more information.

**NOVEMBER 2 - Fall Safety Seminar - UAA**  
Aviation Technology Center, for more information  
call 907-229-6885.

**MARCH 4&5, 2020 - Alaska Air Carriers  
Association - Annual conference,** Ted Stevens  
Anchorage International Airport, call 907-277-0071  
for information..

**MARCH 28, 2020 - SAVE THE DATE -** Annual  
Hall of Fame at the Marriott Hotel. Come celebrate  
and honor pioneer aviators who contributed to  
Alaska's aviation history.



The Real World Design Challenge (RWDC) is an annual competition that provides high school students, grades 9-12, the opportunity to work on real world engineering challenges in a team environment.

Each year, student teams will be asked to address a challenge that confronts our nation's leading industries. Students will utilize professional engineering software to develop their solutions and will also generate presentations that convincingly demonstrate the value of their solutions.

The RWDC provides students with opportunities to apply the lessons of the classroom to the technical problems that are being faced in the workplace.

[Register Here](#)



*Desert Air's DC3's doing a flyby at this year's Aviation Festival*

## Aviation Stakeholders New Faces



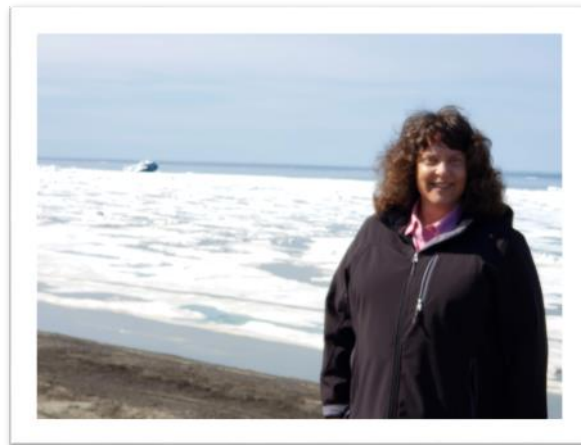
***Zoya Johnson, Executive Director  
Alaska Airmen Association***

Zoya Johnson joined the Alaska Airmen Association in February bringing many years of experience in both the non-profit and for-profit world, and having served as an elected official in the Aleutians. The Airmen's is the largest general aviation organization in Alaska and one of the largest in the country with over 2000 active members. For more information call 907/245-1251, email at [info@alaskaairmen.org](mailto:info@alaskaairmen.org) or visit their [website](#).



***Phyllis Kilgore, Executive Director  
Alaska Aviation Museum***

Phyllis joined the Alaska Aviation Museum just in time to gear up for the annual Aviation Festival held in July. She brings over 15 years of experience managing budgets, sales and marketing, and legislative policy. To find out more about other upcoming events check out the museum's [website](#).



***Kristi A. Warden, Director  
Alaskan Region Airports Division  
Federal Aviation Administration***

Kristi Warden is the Director of the FAA Alaskan Region Airports Division Region Office based in Anchorage, Alaska. She directs and supervises the planning, formulation, implementation, and evaluation of all FAA Office of Airports Alaskan Region programs/projects, specifically the Airport Improvement Program (AIP); Passenger Facility Charge Program (PFC); Airports Capital Improvement Program; Airports Environmental Management Program; Airports Planning Program; Engineering Design, and Construction; Airports Compliance Program, and Airports Safety Program. Kristi manages a talented staff of 18 professional, technical, and administrative employees.

Prior to joining the FAA, Kristi held aviation industry leadership positions as an Airline Planning Consultant with a national aviation consulting firm; the President, CEO, and Chairman of the Board of Directors of a commuter airline, and Airport Manager and Assistant Airport Manager of two primary non-hub airports in the upper Midwest and northern Rocky Mountain regions.

Her aviation professional career spans two and a half decades. She is a Private Pilot and holds a Bachelor of Science degree in Aeronautical Studies with a Management Concentration from Embry-Riddle Aeronautical University.



*Our mission is to:*

*“Keep Alaska Moving through*

*service and infrastructure.”*

*To learn more visit our website: [dot.alaska.gov](http://dot.alaska.gov)*

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**TO:**