



PALMER *Alaska*

WARREN "BUD" WOODS PALMER MUNICIPAL AIRPORT *Newsletter*

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Airport Advisory

Commission Calendar

All meetings are at 7 p.m. on the fourth Thursday of every month in the Palmer City Hall Council Chambers, 231 W. Evergreen Avenue.

- ❖ January 17, 2017
- ❖ February 23, 2017
- ❖ March 23, 2017
- ❖ April 27, 2017
- ❖ May 25, 2017
- ❖ June 22, 2017
- ❖ July 27, 2017
- ❖ August 24, 2017
- ❖ September 28, 2017
- ❖ October 26, 2017
- ❖ November 30, 2017
- ❖ December 28, 2017

Contact Chair John Lee at 907-841-6100 or johnlee@nhtiusa.com for more information.

Your source for news at the Warren "Bud" Woods Palmer Municipal Airport.

What's Happening?

Project Update: Rehabilitate Runway 16/34 & Related Improvements

Construction is nearly finished and the new apron is open and available for large aircraft parking. If you are interested in renting space on the new apron, please contact Frank Kelly, Airport Superintendent. In addition to the new apron, the project repaved runway 16/34, extended shoulders, improved safety areas, repaired taxiway B, updated the compass calibration pad, and remarked runway 9/27 to 10/28 to match current magnetic declination.



Photo: New pavement, markings, and recycled asphalt shoulders on runway 16.

Once the in-pavement light fixtures are installed in November, the heliport on the south ramp will be placed into service. Please be aware that cones will delineate this area until the in-pavement light fixtures are installed and maintain a safe distance.

We are happy to say that the project completed tasks that were originally planned for construction over the next five years. Thanks to cooperation of the FAA and some out-of-the-box thinking, the tasks were bundled together and completed in one year at a cost savings of 45%. Funding for this \$7.8 million project included \$90,000 from the City of Palmer, \$400,000 from the State of Alaska, and \$7.3 million from the FAA.

Trees were removed east of the runway 16 approach to increase the runway safety area.



The new FAA-standard compass calibration pad on the expanded large-aircraft apron.



Runway 9/27 markings were removed (top photo) and remarked as runway 10/28 (bottom photo) to match the current magnetic declination.



Safety Spotlight

Icing Avoidance

To avoid icing problems, here are a few tips to follow:

- Do not fly through rain showers or wet snow when the temperature is near 32°F. Do not fly into cumulus clouds when the temperature is low.
- Always consult a weather office or flight service station to obtain a forecast about expected icing conditions before taking off on any flight in fall or winter.

Quick Tip: The faster an airplane moves through an area of supercooled water drops, the more moisture it encounters and the faster will be the accumulation of ice.

- Icing in freezing drizzle is usually maximum just below the cloud base where the drops are largest. Icing is of the clear ice type.
- Snow and ice crystals colder than -4°F do not adhere to cold aircraft and do not usually constitute an icing problem. However, if the aircraft is warm, the snow may melt as it strikes the warm surface and ice accretion may result. If supercooled water droplets are also present with the snow, a rapid buildup of rough ice can occur.

Do not remain in icing conditions any longer than necessary. For that reason, during climbs or descents through a layer in which icing conditions exist, plan your ascent or descent to be in the layer for as short a time as possible. However, keep your speed as slow as possible consistent with safety. Speed of an airplane affects accretion of ice. The faster an airplane moves through an area of supercooled water drops, the more moisture it encounters and the faster will be the accumulation of ice.

Source: "Icing" <https://goo.gl/VbgoWF>

Operations Spot Light

Public Works – City of Palmer

By Frank Kelly, Airport Superintendent

Winter is upon us and I would like to close this newsletter with these reminders from the friendly staff at the Public Works Department and with a note about new airport signs.

Winter Season Reminders

- Pick up wheel chocks, tie down ropes, and straps to avoid conflicts with snow removal equipment. These items can damage maintenance equipment, especially snow blowers, and delay snow removal.
- Snow storage must stay within your lease lot.
- Check for loose wing covers.
- Be mindful of snow berms as it takes time to remove them.

Fun Facts: After each snow event, Public Works staff clears snow from:

- ❖ 19 lane miles of runways and taxiways.
- ❖ 440 runway and taxiway lights.
- ❖ 1,800,000 square feet of parking area.
- ❖ 6 wind cones.
- ❖ 48 informational signs and navigation aids.



New Airport Signs

The North and South Ramps will be receiving new signs welcoming visitors to the Warren “Bud” Woods Palmer Municipal Airport, which are anticipated to be completed prior the end of the year. The new signs will display the locations of businesses and services on the airport and designate their locations on either the North or the South Ramp.

City of Palmer Public Works website: <https://goo.gl/rJvDPV>



Framework for the new signs