

Anchorage Snow And Ice Control Committee

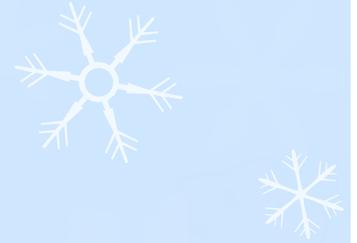
(Pre-Season)

2017/2018



Topics

- Changes in Airport staff, equipment, runway and chemicals
- Weather Predictions
- Changes to air carrier ground deicing/anti-icing programs



Changes in Airport Staff, Equipment and Chemicals

- Field Maintenance
 - Staff still the same
 - Still using Sodium Formate, Sodium Formate/Acetate blend, liquid Potassium Acetate and Sand
 - 2 new sectional plows for the parking lots
 - New cupping plow 37' wide
- Facilities
 - No changes
- Police/Fire
 - No Changes
- Environmental
 - No Changes
- Operations
 - New Operations Officer in training now

Weather (Farmers Almanac)

- Snowfall will be above normal in Central Alaska
- The snowiest periods will be in late November, early to mid-December, and late March
- Winter season temperatures will be milder than normal, with the coldest periods in early to mid-January and early February.

Weather (NOAA)

- Currently, our focus is on Alaska, where NOAA is predicting above average precipitation for the 2017/2018 season. However, that precipitation is projected to be accompanied by warmer than average temps. That combo is making it unclear as to whether it'll be an all-time season for AK skiers and riders or an absurdly rainy one.

Runway Condition Reporting

- Same as last season
- Any questions on NOTAMS contact Operations 266-2600

Aircraft and Airfield Deicing Chemical Usage Monthly Report

This report is required by the airport to be submitted each month similar to the required Certified Activity Report

Company Name

Name of Submitter month

Phone Number year

Airlines Deiced

<input type="text"/>	<input type="text"/>

	100% (neat) ADF Applied*	Product Name
Propylene Glycol		
Type I	<input type="text"/> gallons glycol	<input type="text"/>
Type II	<input type="text"/> gallons glycol	<input type="text"/>
Type IV	<input type="text"/> gallons glycol	<input type="text"/>
Ethylene Glycol		
Type I	<input type="text"/> gallons glycol	<input type="text"/>
Type II	<input type="text"/> gallons glycol	<input type="text"/>
Type IV	<input type="text"/> gallons glycol	<input type="text"/>
Other Deicers		
Urea**	<input type="text"/> tons	Describe "Other" Product or Chemical <input type="text"/>
Potassium Acetate	<input type="text"/> gallons	
Sodium Acetate	<input type="text"/> tons	
Sodium Formate	<input type="text"/> tons	
Other	<input type="text"/> tons/gallons	

*Total Aircraft Deicing Fluid (ADF) applied is the total amount of ADF(glycol) used or sprayed, regardless of the mixing ratio. This should be gallons of glycol you used not total liquid (glycol + water) applied.

Example: 100 gallons @ 50%/50% mix = 50 Gallons ADF. You would record 50 gallons.

**NOTE: If urea is used it must meet Alaska Department of Environmental Conservation's Multi-Sector General Permit limit of 14.7 mg/L (daily maximum) at the boundary of lease lot.

Submit a report by the 10th of each month that deicers are applied to: tracy.mitchell@alaska.gov

Please call Tracy Mitchell with any questions at 907-266-2467

Aircraft & Airfield Deicing Chemical Usage needs to be reported monthly – for every month in which product is used.

There is also an Excel Spreadsheet format.

Found on website:

<http://www.dot.state.ak.us/anc/business/airfieldMaintenance/index.shtml>

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Alaska Department of Transportation & Public Facilities
Ted Stevens Anchorage International Airport

DOT&PF > Ted Stevens Anchorage International Airport > Sections > Airfield Maintenance

Home Traveler Information Airport Information Business at the Airport In the News About ANC

Airfield Maintenance

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Photo by Zaramie Lindseth

The mission of Airfield Maintenance is to provide safe aircraft movement surfaces, public roads, walkways, and other exterior airport infrastructure through efficient and cost effective maintenance management procedures. Airfield Maintenance is also responsible for cost efficient and effective Fleet Management of all vehicles and heavy equipment owned by the Ted Stevens Anchorage International Airport. The department accomplishes this mission using accepted industry practices, as well as using innovative thinking to find alternative means to provide the best level of service.

Airfield Maintenance is comprised of a team of 110 talented professionals working in three distinct sections. These include [Field Maintenance](#), [Equipment Maintenance](#), and [Airfield Electricians](#). Within each of these sections are several other specialized shops which include the Sign Shop, Machine and Welding Shop, Radio Maintenance, Parts and Supply and OSHA Safety.

Contact Information

Nick Ebell Administrative Assistant (907) 266-2425

General Information

- Maintenance Sections
- Airfield Facts

Physical Address:
 Airfield Maintenance
 Ted Stevens Anchorage Int'l Airport
 5740 DeHavilland Ave
 Anchorage, AK 99502

Related Information

- 2016-2017 Parking Lot Closures
- North Terminal 262kb
- 2016-2017 Parking Lot Closures
- South Terminal 283kb
- 2015 Operational Manual
- Directive: Deicing 74kb
- 2016-2017 Snow and Ice Control Plan 6.1MB
- 2016-2017 Snow Plan Presentation 115kb
- Monthly Deicing Report Form 283kb
- Monthly Deicing Report Form 29kb



Ted Stevens
Anchorage
International Airport

ANC

Operations Manual

July 14, 2015

As of August 2017, aircraft deicing users that spray greater than 30,000 gallons of 100% glycol must use equipment that have two or more reduction tools such as:

- Forced Air
- Proportional Mix Nozzles
- Low Flow Nozzles
- Any other FAA or Airport approved glycol usage reduction tool

ADF Users using 30,000 gallons or less of 100% glycol annually

- use only propylene glycol or
- use ethylene glycol on in areas geographically isolated

ADF Users using more than 30,000 gallons of 100% glycol annually

- use only propylene glycol or
- use ethylene glycol in areas geographically isolated AND collect and properly dispose of, off-airport, 40% of glycol used.

Storage & Accidents/Releases



- Storage of deicing/anti-icing fluids must be stored in containers in good condition.
- Storage of glycols may be subject o EPCRA
 - Emergency Planning and Community Right to Know Act
- Accidents/Releases
 - Unintentional releases of glycol used for deicing are reportable spills.
 - Maintain adequate supplies of spill response equipment.

Questions/Comments?

OUR WEBSITE

[http://dot.alaska.gov/anc/business/
airfieldMaintenance/index.shtml](http://dot.alaska.gov/anc/business/airfieldMaintenance/index.shtml)