

Airline De-Ice Plan 2021-2022

American Airlines











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Airline De-Ice Plan 2021-2022

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RIC GENERAL DE-ICE PROVISIONS

- •De-Ice reporting is REQUIRED per RIC Storm Water Discharge Permit
- •FAX All Reports to: (804) 226-8075
- **•DO NOT USE PREVIOUS YEARS FORMS!**

Out of plan de-icing locations must be approved in advance by Airport Operations.

Airport **MUST** be notified or de-icing activity regardless of location for GRV pickup!

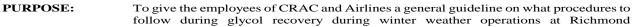
DO NOT:

- Deice in movement areas (runways & taxiways)
- Deice in any common use locations such as uncontrolled taxi lanes that block other aircraft or tenant access
- •To avoid ramp congestion, do not push aircraft or allow aircraft to de-ice unless they can immediately be de-iced or enter the de-ice location.

AIRPORT OPERATIONS DEPARTMENT

SUBJECT: WINTER 2017-2018 GLYCOL RECOVERY PROCEDURES

Date: October 31, 2000 Revision: October 15, 2017



International Airport.

BACKGROUND: These procedures were established because the Airport operates on a twenty-four hour,

seven day-a-week schedule. Despite weather conditions, certain departments are

required to be manned around the clock.

POLICY: This procedure sets forth procedures for implementing personnel to recover glycol based

deicing and anti-icing fluids during winter weather operations and on Airport property.

I. GLYCOL RECOVERY

- 1. AIRCRAFT OPERATORS: Aircraft operators will **CALL** Airport Communications Center by phone, **PRIOR** to applying glycol to their first aircraft of the day, at (804) 226-0001. This will initiate the glycol recovery process. They should also call if there has been a long time-lapse since their last deicing. They shall **FAX** deicing activity fax sheet upon **COMPLETION** of their daily deicing operations to (804) 226-8540. A monthly total usage report is also required at the end of the month. This report can be faxed to (804)226-8540 or sent via e-mail to CSobrito@FlyRichmond.com
- 2. AIRPORT DISPATCH: The Airport Dispatch Department will notify the Airport Utilities and Grounds Department to handle the glycol recovery. If the glycol is sprayed during Utility/Grounds Department non-operating hours, the "Callback" person will be notified, if the evening or weekend shift is not available to remove the glycol.
- 3. AIRPORT UTILITY/GROUNDS: The Airport Utility/Grounds Department will set the Basins, the Collection Points Valves, and the Storm Water Valves based on the prescribed recommendations. See attached diagram.
 - LOW PRECIPITATION: The Utility/Grounds Department will **open** the Collection Point Valves (orange) and **close** the Storm Water Valves (green) see attached diagram.
 - HIGH PRECIPITATION: The Utility/Grounds Department will close the Collection Point Valves (orange) and open the Storm Water Valves (green) see attached diagram.
- 4. AIRPORT UTILITY/GROUNDS: The Utilities/Ground Section will vacuum/sweep and remove the glycol by pumping the glycol into the storage tanks. Based on the amount of fluids at the Collection Points and the capacities of the storage tanks, the Utilities/Grounds Section will contact a company to pump the fluids out of the Collection Points and storage tanks and properly dispose of the collected materials.



Attention airline OPS personnel:



Deicing Fluid Usage Reports -**REQUIRED!**

DAILY REPORT

CRAC Deicing reporting contacts, for forms and information:

Airport Operations

Larry Hamilton Operations Officer (804) 226-8590 Ihamilton@flyrichmond.com

Utility and Grounds

Jeremy Niles **Grounds Foreman** (804) 226-8541 jniles@flyrichmond.com



FAX COMPLETED FORM TO (804) 226-3075

Richmond International Airport 1 Richard E. Byrd Tarrelnal Drive Richmond Insumational Jurgen, Virginia 22250-2400 http://www.flyR1Chmand.sam.

END OF MONTH REPORT

	2018-2019							
	Richmond International Airport							
	Monthly Deicing Applications							
Month:	" Complete a separate sheet for each deicing materi	ol.						
Tenant Name:	used in the month Return completed sheets to the							
Location:	Capital Region Airport Commission by the 3rd of th	e						
ype of Deicing Material (Chemical):	the following month. FAX TO: 804-226-3075							

- > All tenants must report the type and quantities of deicing materials used to the Capital Region Airport Commission monthly. This data is sent to the Virginia Department of Environmental Quality (VDEQ) as part of the storm water permit requirements for Richmond International Airport. This form should be used to report each month.
- Dilution factor is simply the amount of deicing material diluted by water (a 40 glycol/60 water mixture should have .4 in the column).
- > A form must be submitted for each type of deicer used.
- > This information is for state submission only and will not be distributed without prior permission.

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	(gallon			l	Total Quantity of Deicing	
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		×		=	0	
		×		=	0	
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Deicing Truck Operations



- Trucks must be maintained and monitored for leaks. Spilled glycol must be reported for cleanup.
- Trucks may not be parked under jetways or structures due to hot exhausts.
- Operators must remain alert for other vehicle and aircraft movements.
- Operators must always give way to moving aircraft.
- Operators must be authorized and trained by their companies to operate the truck or equipment they are using.
- Operators must have a valid state driver's license, and the RIC "N"on-movement endorsement.
- Clean up following deice fluid/flow testing must be coordinated with CRAC Utility and Grounds. (804) 226-8534 or (804) 226-0001

De-Icing Truck Water Supply

- Located next to carwash
- 2 1/2" fill hose
- Do not over tighten valve!
- Do not use fire hydrants!
- This location special equipment with required backflow prevention device.
- Drain hose after each use!
- The "dog house" is insulated and heated to prevent freezing.





Now you're going places.

Deicing operations at RIC must be carefully coordinated to ensure efficiency, and most importantly safety!

Airline ground crews, flight crews, and maintenance operations, Richmond Air Traffic Control, Airport Operations, and snow removal crews all play a role in a safe transition from the gate to take-off when deicing is inprogress.







Safety first @ RIC =



De-Icing Operations @ RIC - SAFETY



- ★ De-Icing at RIC must be performed in approved locations only.
- ★ Provide flight crews with information on planned location for de-icing.
- ★ If taxi to an off-gate de-ice location, communicate the "DEICE SPOT" to flight crews.
- ★ ALWAYS use aircraft marshalls and guide-persons when maneuvering aircraft in and out of DEICE SPOTS.
- ★ Use caution for other moving aircraft and ground vehicle traffic.
- ★ Aircraft maintenance crews taxiing aircraft from hangar to gate must ensure path to gate is clear prior to taxi.
- ★ Refrain from blocking other air carrier operations.
- **★ Do not block vehicle service roads or routes.**
- **★ DO NOT DISPATCH AIRCRAFT UNTIL THE DEICE SPOT IS**READY TO ACCEPT!

Airside Winter Operations Safety

Jet blast in slippery conditions

Vehicle movement



Safe Driving Speeds

Regional aircraft single engine operating during deice



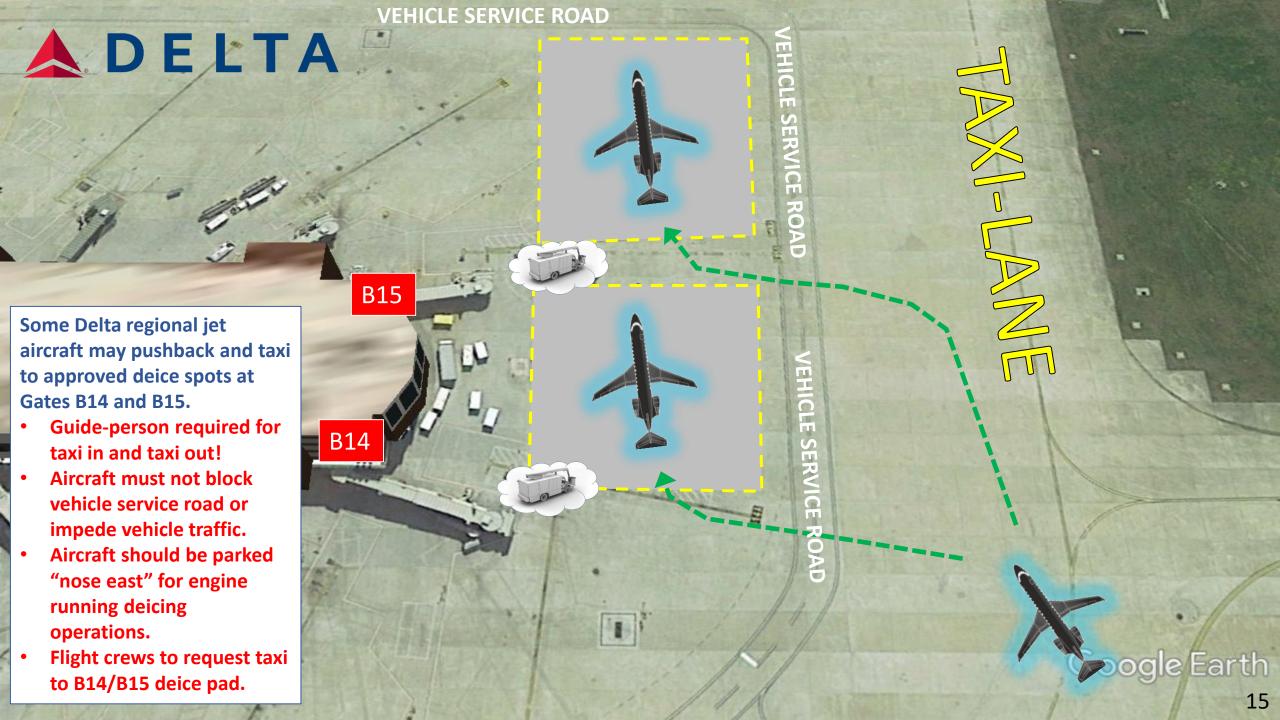






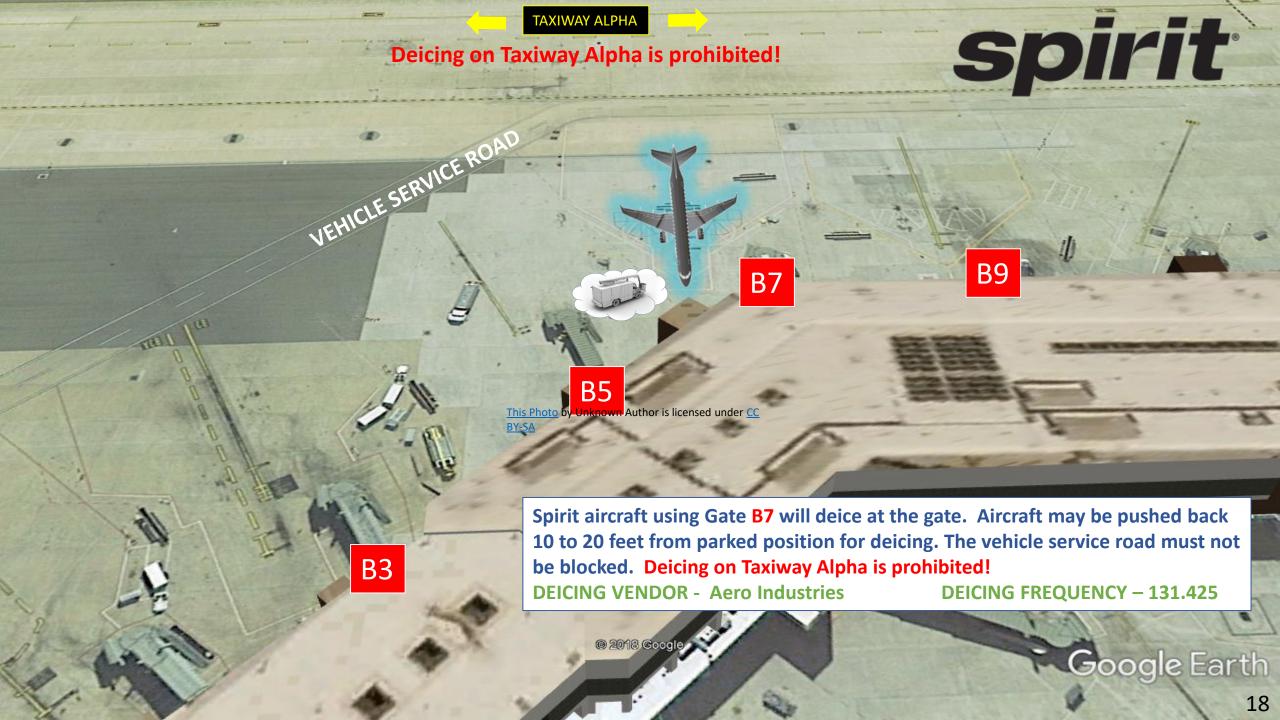




















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