



Operations Memorandum

To: CVG Airlines and Tenants

From: Brian Cobb, VP - Customer Services

Subject: Lightning Suppression

Date: Revised April 6, 2016

[Please remove/replace March 31, 2016 version.]

Airline and ground handling organizations were previously briefed on KCAB's installation plans for lightning suppression devices. The device installation is complete and active. Deionizing lightning suppression devices are designed to suppress the chance of a lightning strike in those areas covered by the suppression devices during lightning events. (see illustration).

While these devices are designed to suppress lightning and therefore offer a level of protection to personnel, equipment, and infrastructure, each operator needs to make their own determination of whether they will permit personnel to be outside in those covered areas. Literature from the manufacturer of the suppression devices has been distributed to airline tenants and is available to anyone that desires a copy by contacting:

Brian Cobb bcobb@cvgairport.com

Whenever ground to cloud lightning has been detected within 5 miles of the CVG Airport, KCAB's Airport Communications Center (ACC) will:

- Notify KCAB personnel by radio
 - KCAB employees should seek shelter in a designated severe weather shelter and even though airline operations can continue in the discretion of the operator in those areas covered by the lightning suppression devices, KCAB personnel should take shelter during lightning events. The only exception to this policy for KCAB personnel is for first responders, and individuals, with approval by a supervisor, that due to exigent circumstances need to perform critical work within the covered areas (see illustration).
- Activate the visual strobes (Concourse A and B ramp towers, KCAB Sign Shop building)
- Send an Everbridge notification (call/text) to enrolled personnel that ground to cloud has been detected within 5 miles of the Airport.

This notification provides guidance to all Airport personnel to seek shelter. However, lightning suppression devices have been installed at the following locations (see illustration):

- Security Gates NE-3 and NE-19 (will remain open during lightning events)
- Concourse A
- Concourse B

The ACC will send an all-clear by the above mentioned methods when the threat of lightning has subsided. Only then can normal outside work by KCAB personnel resume.

