



Operations Memorandum

To: CVG Airlines and Tenants

From: Brian Cobb, VP - Customer Services

Subject: Lightning Suppression

Date: March 31, 2016

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 prevent lightning to occur in those areas protected by the suppression devices during lightning events. This protection allows for Airport personnel to conduct "normal operations" in the protected areas (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 areas. It is suggested that personnel working outside of those areas seek shelter during all lightning events.

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

- Notify KCAB personnel by radio
 - In some situations, KCAB personnel may be out of contact with ACC and will be notified by departmental leadership to seek shelter. KCAB employees should seek shelter in a designated severe weather shelter and even though airline operations can continue in those areas protected by the lightning suppression devices, KCAB personnel should take shelter during lightning events. The only exception to this policy for KCAB personnel is if they're required to perform critical work within the lightning protection 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

