



## Operations Memorandum

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**To:** CVG Airlines and Tenants

**From:** Brian Cobb, VP - Customer Experience

**Subject:** Fueling Operations During Lightning Events

**Date:** July 18, 2017

Effective **Immediately:**

### **CLARIFICATION FOR AIRLINE OPERATORS**

FAR 139 requires the airport operator (KCAB) to follow National Fire Protection Association (NFPA 407), Standard for Aircraft Fuel Servicing:

#### ***Chapter 4.2.10 Lightning.***

*A written procedure shall be established to set the criteria for when and where fueling operations are to be suspended at each airport as approved by the fueling agent and the airport authority.*

A meeting was held with the three agencies that fuel aircraft. No fueling agency parent company currently recognizes the additional lightning suppression system as outlined in 5(c) below. It was the consensus of the fueling agencies to follow the strobe indications of lightning within 5 miles of the airport. Therefore an agreement was drafted and signed by each agency and the airport to follow the following guidelines:

### **SUBJECT: FUELING OPERATIONS DURING LGHTNING EVENTS**

1. **PURPOSE:** To establish guidelines on when to suspend fueling operations when lightning is within five (5) miles of the CVG Airport to comply with NFPA 407.4.2.10 guidelines.
2. **CANCELLATION:** Not applicable, subject to modifications required by NFPA as to the subject matter of this Agreement.
3. **RESPONSIBILITIES:** Aircraft fueling operators shall follow the procedures outlined below when lightning is within five (5) miles of the CVG Airport. Each fueling operator shall have internal processes in place on April 1, 2017 for detecting when lightning is within five (5) miles of center point of CVG (See Attached Exhibit A) and for the notification of personnel or agents of the fueling operator.

#### **4. PROCEDURES:**

- a. When lightning is detected within five (5) miles of the center point of CVG, all fueling operations within the air operations area shall immediately be suspended.
- b. Fueling can be resumed when no lightning strikes occur within five (5) miles of the center point of CVG for a period of 15-minutes following the last lightning strike.
  - i. For each lightning occurrence within five (5) miles of the center point of CVG, the fifteen (15) minute period in which fueling operations are required to be suspended shall reset to a new period of fifteen (15) minutes.
- c. There are deionizing lightning suppression devices designed to suppress the chance of a lightning strike in limited areas around Concourse A and Concourse B. Each fueling operator conducting fueling operations is required to familiarize themselves as to the areas covered by the lightning suppression system devices. It shall not be considered a violation of this Agreement if fueling operations occur in areas covered by the lightning suppression devices during lightning events; however, each fueling operator conducting fueling operations in these covered areas shall do so at their own risk.
- d. Any other alterations or exceptions to this LOA [Letter of Agreement] shall be approved by the Airport Fire Chief.

As it stands currently, all aircraft fueling is suspended while the strobes are activated.