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Safety Guidelines SG 906:

Severe Weather Safety Guidelines for Ramp Operations

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ATA Safety Guidelines
SG 906

Severe Weather Safety Guidelines for Ramp Operations

Revision 2015.1

Airlines for America
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4-3	New contents on tornadoes
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Chapter 5	New contents on extreme temperatures

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Document Sharing Hub
Full document details: A4A SG 906 2015

Contents

PRODUCT LICENSE AGREEMENT 2

Important Information about This Document 5

Highlights 6

Chapter 1. Introduction 9

1-1. Scope of Document 9

1-2. Definitions 9

Chapter 2 Severe Weather Forecasting 10

Chapter 3 Severe Weather Action Plan 11

3-1. Means of Notification 11

3-2. Operational Readiness 12

Chapter 4. Recommended Procedures: Executing a Severe Weather Plan 13

4-1. When Severe Weather Is Forecasted 13

4-2. When Severe Weather with Lightning Is Imminent 15

4-3. Tornadoes 17

4-4. High Winds 18

Chapter 5. Extreme Temperatures 21

5-1. Working in Extreme Heat 21

5-2. Environmental Factors of Extreme Heat 21

5-3. Types of Heat Illnesses 21

5-4. Signs and Symptoms of Heat Illness 21

5-5. Heat Illness Prevention 22

5-6. Working in Extreme Cold 22

5-7. Environmental Factors of Extreme Cold 22

5-8. Types of Cold Injuries 22

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Document Sharing Hub

Full document details: A4A SG 906 2015

5-9. Cold Stress Prevention 23

Appendix A: Airport Weather Warning (AWW) 24

Appendix B: Weather Safety Sample Investigation Checklist 25

Appendix C: Extreme Temperatures 29

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Chapter 1. Introduction

1-1. Scope of Document

Severe weather, generally defined as high winds, lightning and extreme temperatures (see [Section 1-2], Definitions, below), is a constant danger to all industries that have outdoor activities.

This document outlines industry practices that minimize the hazards associated with severe weather in the aviation workplace.

1-2. Definitions

For the purposes of this document:

High winds – Sustained winds in excess of 40 mph (34.8 knots, 65 km/hr) or gusts over 50 mph (43.5 knots, 81km/hr).

Lightning – Discharge of atmospheric electricity in the clouds or between clouds and ground, usually occurring during a thunderstorm. ***Initial Alert*** – Lightning is within ten (10) miles (16 km).

Primary Alert – Lightning is within five (5) miles (8km).

Operational Suspension – Lightning is between three (3) miles (5 km) and five (5) miles (8 km) moving in the direction of your operation.

All Clear – Lightning has moved beyond three (3) miles (5 km) and five (5) miles (8 km) and is moving away.

Extreme Temperatures –Very cold or very hot temperatures presenting a danger to human health.

Heat Stress – Excessive exposure to heat.

Cold Stress – Excessive exposure to cold.

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