

# E-Learning Course

## Cold Weather Operations

### Program Overview

Cold weather operations include all the necessary precautions and safety measures taken in the event of snow, ice, and other related contamination to all the relevant aspects of flight operations. This course is mainly targeted towards training flight crew for specialized circumstances and cabin crew as part of their awareness training.

### Learning Objectives

#### Module 1 - Hazards & Factors

- Hazards associated with cold weather operations.
- The factors that lead to the accumulation of contamination on aircraft critical surfaces.

#### Module 2 - Ground Operations

- The considerations related to aircraft ground operations during cold weather.

#### Module 3 - Ground De-icing/Anti-icing

- The key concepts relating to airframe ground anti-icing and de-icing procedures.

#### Module 4 - Airborne Operations

- Considerations related to in-flight aircraft operations during cold weather.

#### Module 5 - Snow Warning to Airmen (SNOWTAM)

- Accurate interpretation of SNOWTAM reports for making safe aircraft operational decisions.

### Course Content

- Describe the hazards and factors associated with cold weather on aircraft and the necessary safety procedures.
- Explain the essential procedures and challenges involved in safe aircraft ground operations during cold weather conditions.
- Outline key procedures and concepts for airframe ground de-icing/anti-icing.
- Identify the key considerations for managing airborne operations in cold weather.
- Interpret SNOWTAM reports accurately for making safe aircraft operational decisions.

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### **Duration**

2.5 Hours

### **Assessment**

Mastery test with a passing score of 75%

### **Certificate**

The participant will be awarded with Gulf Aviation Academy (GAA) electronic certificate upon successful attendance and completion of the course.