eLearning Cold Weather Operations

PERFORMANCE VECTOR
A Safety Initiative of USAIG

Cold Weather Operations provides flight department personnel with knowledge of the concepts, procedures, and guidelines that govern safe operations within a cold weather environment. It includes summaries of aviation accidents attributed to inadequate pre-takeoff inspections, inadequate de-icing and anti-icing procedures, and insufficient awareness of in-flight icing hazards.

- New for the 2017/18 season:
- Deicing and anti-Icing Fluid Compatibility
- Updated list of approved anti-icing and deicingfluids
- Non-Glycol Deicing fluids containing alkaliorganic salts (AOS) and how they reduceholdover times
- Using eHOTs to determine holdover times
- Improved (optional) pre-testing to save time onlessons with strong pre-existing knowledge
- Updated HOT charts

This two-hour course satisfies American, Canadian and European Regulations and is geared towards pilots, maintenance technicians, flight attendants and line personnel. After successfully completing the course and passing the examination, you are issued a Certificate of Completion.

For more information and screenshots, please visit: https://elearning.flightsafety.com/cold-weather-operations-2017-18-elearning.html

For more information or to sign up, please email USAIG's Director of Safety Services, Paul Ratté at safety@usaig.com – or call 212-859-3856.

Course Curriculum – Approximately Two Hours (self-paced)

The following course modules will be taught:

- Atmospheric conditions associated with icing
- Icing Effects
- Icing Operations
- Ground Icing and In-Flight Icing
- Operational Recommendations

- Aircraft Control Hazards
- Cold Temperature Altitude Corrections/Restricted Airports
- Handling and Braking Performance on Contaminated Surfaces
- Human Factors/CRM Elements as required
- Examination

System Requirements

PC or Apple Mac minimum requirements: Operating System: Windows 7 or newer (PC), OS X 10.7 (Lion) or newer (Mac), Browser: Google Chrome (recommended), Apple Safari, Mozilla Firefox or Internet Explorer 9+, Adobe Flash 9.0+, Speakers or Headset/Headphones, Stable High-Speed internet connection

Apple iPad minimum requirements: Operating System: iOS6 or newer, Browser: Apple Safari, Google Chrome, Stable High-Speed internet connection, *Only for iPad Compatible courses. Non-iPad Compatible courses may be viewed via a proxied browsing app such as Puffin Web Browser, however FlightSafety cannot guarantee course performance and reliability when using a proxied web browsing app

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