The **Airport Weather Advanced REadiness (AWARE) Toolkit** is a stakeholder-driven tool to help airports (1) improve their readiness for significant weather events and (2) track the physical and financial impacts of such events to aid in recovery and future planning.

**Use the AWARE Toolkit to:**
- Learn about exposure to 17 significant weather event types at each airport location.
- Assess airport readiness for significant weather events across 6 distinct functional areas.
- Learn how to improve readiness for significant weather events.

This brochure was produced as part of ACRP Project 02-49 by ICF International. For more information, go to the TRB website to access ACRP Report 160: Addressing Significant Weather Impacts on Airports—Quick Start Guide and Toolkit and other materials related to ACRP Project 02-49.
Airport Weather Advanced REadiness (AWARE)

AWARE Toolkit Details

Toolkit Contents

- **Best Practices** from case studies, ACRP reports, literature, and emergency management guidance documents.

- **Functional Areas**:
  - Administration & Finance
  - Airfield Operations
  - Ground Transportation & Parking
  - Planning & Environment
  - Safety & Security
  - Terminal Operations

- **Small Airports Module** accommodates airports with limited staff covering multiple functions.

- **Impacts Tracking Module** helps track physical and financial impacts that will aid with recovery and future planning.

Key Features

- Adheres to National Incident Management System (NIMS) Guidance.

- Recognizes unique roles of each functional area, while promoting coordination among all stakeholders.

Screenshot: Airfield Operations Weather Readiness Module

- **Best Practice Categories**
  - Communications
  - Equipment
  - Funding
  - Infrastructure
  - Personnel
  - Procedures

Screenshot: Exposure Information Module

- **How Often Have Events Happened in Your County?**
  - Heavy Winds
  - Snow Event
  - Flooding
  - Lightning
  - Hail
  - Heavy Precipitation
  - Heat Events
  - Blizzard
  - Tropical Storm
  - Ice Event

- **How Often Have Other Events Happened in Adjacent Counties?**
  - Extreme Cold
  - Tornado
  - Flooding
  - Hurricane

- **Recommended to Review**
  - Blizzard
  - Tropical Storm
  - Ice Event
  - Extreme Cold
  - Tornado
  - ETS-135

Event Definitions, Methodology and Data Sources

Events not occurring in either selected county or adjacent.