

# Safety Management Systems



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TRANSPORTATION RESEARCH BOARD  
OF THE NATIONAL ACADEMIES

## Development of an Aviation SMS Guidebook for all Part 139 Airports in the USA for the Transportation Research Board

The Transportation Research Board (TRB) is one of six major divisions of the National Research Council of the United States of America. The mission of the TRB is “to provide leadership in transportation innovation and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multimodal.”



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### Services:

The objective of this project is to create a guidebook for developing and implementing Airport Safety Management Systems. This pilot program eligible for FAA funding through the Airport Improvement Program (AIP), will also serve as feedback and a generator of lessons learned for the FAA to promulgate its own SMS regulations within the United States.

This guidebook is meant to be applicable to all American airports that have certificates issued under 14 Code of Federal Regulations Part 139, Certification of Airports. This program is being completed through the Airport Cooperative Research Program (ACRP). ISIR has developed a partnership with Applied Research Associates (ARA), a company based in the United States, to complete this project.



This project includes:

- A Literature review of published materials concerning SMS;
- Administration of a survey to the current 600 American airports to determine their perceptions of SMS; and
- From the data collected, develop a SMS guidebook for airports.



International Safety Research Inc.  
Engineering risk management solutions