



# NATIONAL SAFE SKIES ALLIANCE

## Program for Applied Research in Airport Security PARAS 0016 Project Summary

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<b>Project Title:</b>	Airport Security Vulnerability Assessments		
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<b>Research Agency:</b>	Ross & Baruzzini, Inc.		
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### BACKGROUND

Airports conduct security vulnerability assessments to evaluate their security posture in response to the evolving threat environment. They can then analyze the assessment results to ensure the best use of resources. Airports periodically reevaluate their vulnerability assessments to update security mitigation strategies.

While considerable information is available regarding vulnerability assessments, that information is fractured, and little comprehensive airport-specific guidance is available.

### OBJECTIVE

The objective of this research is to create guidance to assist airports in conducting, evaluating, and updating security vulnerability assessments. At a minimum, the guidance should include:

- A summary of applicable documents, reports, and other information available both inside and outside of the aviation industry
- Sample templates or checklists to assist airports in conducting the assessment
- Methodologies to develop a risk ranking to prioritize security vulnerabilities specific to an individual airport
- Information to consider for cost-benefit analysis
- Assistance for developing an action plan based on the risk ranking in conjunction with cost-benefit analysis
- Considerations that may prompt an update of all or a portion of the assessment