

National Safe Skies Alliance

**SAFE
SKIES**



ACC/TSA Security Capabilities Workshop

July 25, 2018



National Safe Skies Alliance

- 501(c)3 non-profit, grant-funded through the FAA with AIP funds
- Governed by a Board of Directors and the Safe Skies Oversight Committee
- Membership-based organization—No fee
- **FAST:** Database of available security related technologies
- **ASSIST:** Operational testing of Perimeter and Access Control Technologies
- **POST:** Life-cycle testing of technologies currently installed at airports
- **PARAS:** Applied research program modeled after ACRP



PARAS

Program for Applied Research in Airport Security

- Focus on investigating near-term, practical solutions to security-related issues faced by airport operators
- Projects start as Problem Statements submitted by industry
- Oversight Committee selects projects for funding annually
- Research is guided by Project Panels
 - Approximately 7 people representing airports, consultants, government agencies, or other industry representatives
 - Responsibilities include drafting RFP, reviewing proposals to select a contractor, and reviewing deliverables



PARAS Projects

Completed: <https://www.sskies.org/paras/reports/>

PARAS 0002 – Companion Guide to U.S. Customs and Border Protection’s *Airport Technical Design Standards* (May 2017)

PARAS 0004 – Recommended Security Guidelines for Airport Planning, Design, and Construction (April 2017)

PARAS 0009 – Guidance for Security Management Systems (SeMS) (March 2018)

In Progress: <https://www.sskies.org/paras/projects/>

PARAS 0011 – Guidance for Airport Security Master Planning

PARAS 0012 – Guidance for Integrating UAS into Airport Security

PARAS 0013 – Managing Congestion in Public Areas to Mitigate Sec Vulner.

PARAS 0014 – Blast Mitigation Strategies for Non-Secure Areas at Airports

PARAS 0015 – Guidance for Airport Perimeter Security



PARAS 0013 Managing Congestion

Managing Congestion in Public Areas to Mitigate Security Vulnerabilities

- Facility Strategies and Planning – Balance capacity between terminal areas to reduce bottlenecks and encourage consistent crowd flow
- Technology, Information, and Communication
 - Internal and external stakeholder systems
 - Data mining
 - System connectivity and compatibility
- Financial and Legal Strategies
 - Financial Tools (process analysis, value stream mapping, ROI, etc.)
 - Jurisdiction and legal concerns
- Crowd Behavior Strategies – Crowd control vs. crowd mgmt, special events
- Training Strategies – Stakeholder training (crowd management & prevention of secondary targets)



PARAS 0014 Blast Mitigation

Blast Mitigation Strategies for Non-Secure Areas at Airports

- Identifies what to do in an otherwise unregulated area
- Simplifies a technical topic so it can be better understood by the aviation community
- Considers all types of solutions including technological and operational solutions that might be easier to incorporate for some airports
- Includes a customizable, decision-making tool
 - Will help broadly identify a cost-effective blast protection strategy
 - Calculates optimized solutions for unique conditions at each airport, regardless of size, etc.
 - Typical construction details and costs of various blast protection measures are included for practical reference



Problem Statements

- Form the basis of all PARAS projects
- Descriptions of security problems or questions for which airports need an answer.
 - Do you need a better way to accomplish a task?
 - Could you benefit from knowing the best practices for a specific area?
 - Is there a previous PARAS report that should be updated?

Deadline for Submission – August 1, 2018



Contact Us

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