

Airport Cooperative Research Program

Michael J. Audino
January 27, 2011



Poll Question: **How Well Do You Know ACRP?**

- ▶ Genius — I know everything about ACRP
- ▶ Expert — I'm here to monitor YOU
- ▶ Novice — I want to learn more

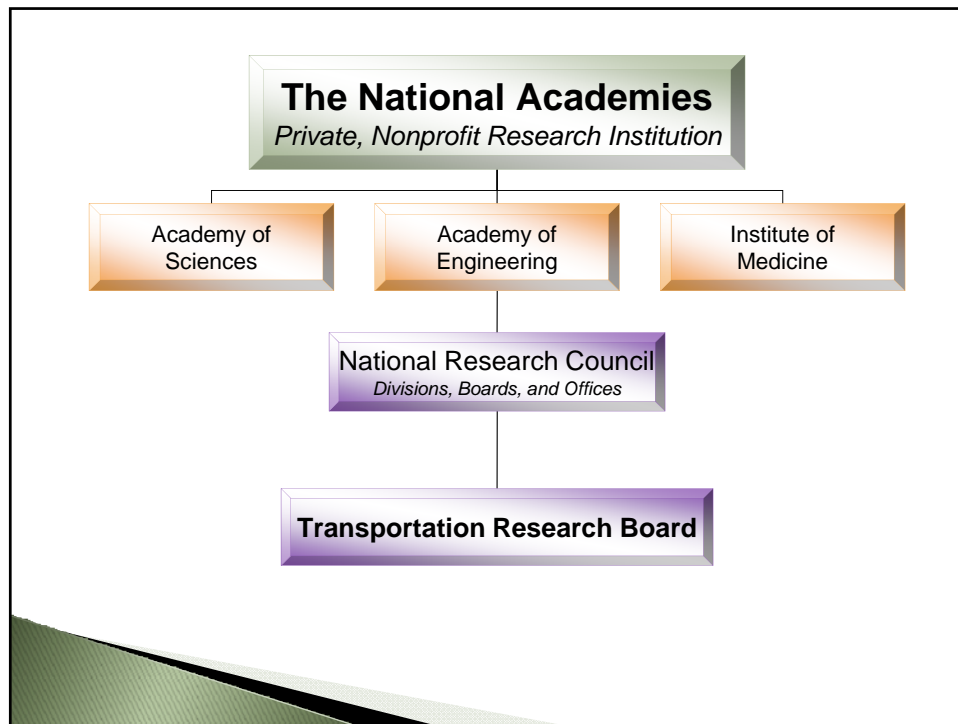
What is ACRP?

- ▶ An industry-driven, applied research program
- ▶ Authorized as part of the Vision 100-Century of Aviation Reauthorization Act
- ▶ Collaborative oversight
- ▶ Research conducted by contractors

Poll Question:

The 16th President of the United States?

- ▶ George Washington
- ▶ Abraham Lincoln
- ▶ Franklin Delano Roosevelt
- ▶ John F. Kennedy
- ▶ Barack Obama



Why ACRP?

- ▶ Research is crucial to address airside and landside issues
- ▶ "Disjointed" research across levels of government
- ▶ Driven by airport-related organizations

The ACRP Research Process

- ▶ Where do research ideas originate?
- ▶ Who selects research topics?
- ▶ What happens once research topics are selected?

Poll Question: Which Interests You the Most?

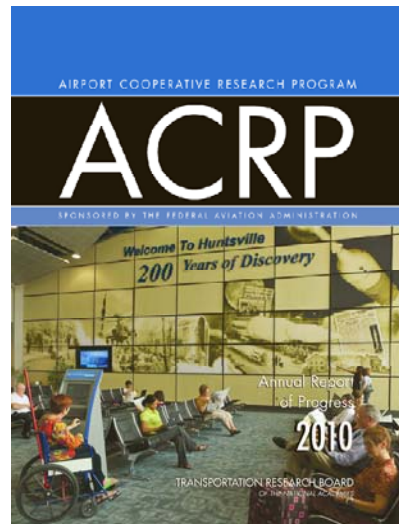
- ▶ People
- ▶ Processes
- ▶ Plans
- ▶ Production

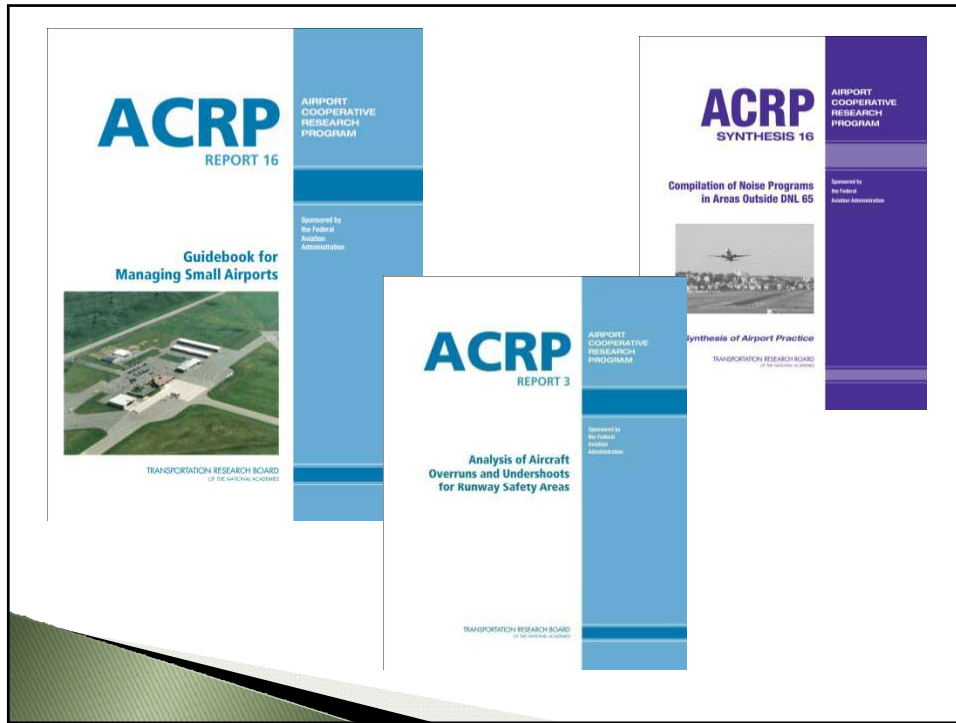
Research Fields

1. Administration
2. Environment
3. Policy and Planning
4. Safety
5. Security
6. Human Resources
7. Design
8. Construction
9. Maintenance
10. Operations

Current Status

- ▶ 201 research projects authorized
- ▶ Over 500 industry volunteer participants
- ▶ Dozens of contractors





ACRP Special Projects

- ▶ Synthesis of Information on Airport Problems
- ▶ Legal Aspects of Airport Programs
- ▶ Graduate Research Award Program
- ▶ ACRP Dissemination Program

ACRP Outreach

- ▶ Speakers Bureau
- ▶ Ambassador Program
- ▶ Impacts on Practice

San Diego's Efforts to Mitigate Noise Impacts for Community Stakeholders

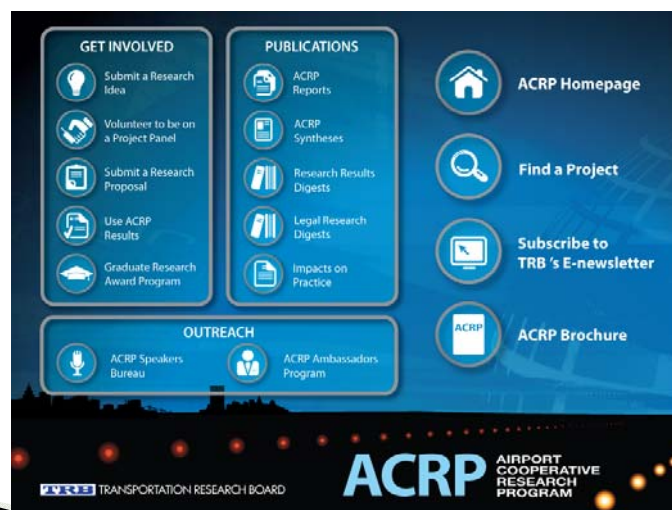
Guidebook Transforms Nation's Smaller Airports

Strategic Planning at Toronto Pearson International Airport

How To Get Involved

- ▶ Submit a Research Idea
- ▶ Serve on a Project Panel
- ▶ Submit a Research Proposal
- ▶ Graduate Program
- ▶ Use ACRP Results

www.TRB.org/ACRP



The image shows a navigation menu for the ACRP website. It is organized into several sections:

- GET INVOLVED:** Includes icons and text for "Submit a Research Idea", "Volunteer to be on a Project Panel", "Submit a Research Proposal", "Use ACRP Results", and "Graduate Research Award Program".
- PUBLICATIONS:** Includes icons and text for "ACRP Reports", "ACRP Syntheses", "Research Results Digests", "Legal Research Digests", and "Impacts on Practice".
- OUTREACH:** Includes icons and text for "ACRP Speakers Bureau" and "ACRP Ambassadors Program".
- Other links:** "ACRP Homepage", "Find a Project", "Subscribe to TRB's E-newsletter", and "ACRP Brochure".

At the bottom of the menu, the TRB logo is visible on the left, and the text "ACRP AIRPORT COOPERATIVE RESEARCH PROGRAM" is displayed on the right.

THANK YOU!

Michael J. Audino
audino@cutr.usf.edu
727-415-9668

