Key Messages

- Overview of ACRP
- Opportunities for Involvement
- Impacts of ACRP
What is ACRP?

- Began in 2006, authorized by Congress
- Funded and sponsored by FAA
- Managed by the Transportation Research Board
- Industry-driven, applied research program that develops near-term, practical solutions to problems airport operators face
- Research contractors selected on a competitive proposal basis
- Volunteer panels develop scope, select contractors, oversee research, and review results

ACRP Oversight Committee

**Chair:** James Wilding, Metropolitan Washington Airports Authority (Retired)

**Vice Chair:** Kitty Freidheim, Freidheim Consulting

**Members:**
- James Crites, Dallas/Fort Worth International Airport
- Richard de Neufville, Massachusetts Institute of Technology
- Kevin Doliiole, Unison, Inc.
- Jeff Hamiel, Minneapolis-St. Paul Metropolitan Airports Commission
- John Duval, AAE, Austin Commercial
- **Steve Grossman, Jacksonville Aviation Authority**
- Kelly Johnson, AAE, Northwest Arkansas Regional Airport
- Catherine Lang, Federal Aviation Administration
- Gina Marie Lindsey, Los Angeles World Airports
- Carolyn Motz, Airport Design Consultants, Inc.
- Richard Tucker, Huntsville International Airport
ACRP Oversight Committee

Ex Officio Members:

Paula Hochstetler, Airport Consultants Council
Sabrina Johnson, U.S. Environmental Protection Agency
Richard Marchi, Airport Council International—NA
Laura McKee, Airlines for America (formerly ATA)
Henry Ogrodzinski, National Association of State Aviation Officials
Melissa Sabatine, American Association of Airport Executives
Robert Skinner, Transportation Research Board

Secretary: Christopher Jenks, Transportation Research Board
ACRP Manager: Mike Salamone, Transportation Research Board

ACRP Research Areas

• Administration
• Construction
• Design
• Environment
• Human Resources
• Maintenance
• Operations
• Policy & Planning
• Safety
• Security
• Special Projects
How Topics Are Selected

• Industry practitioners submit research ideas
• ACRP Oversight Committee selects projects that focus on applied research
• Projects must be relevant, applicable, and valuable to airports
• Projects should not duplicate current research within ACRP or elsewhere in the industry
• Research must be technically feasible

Research Process:

How ACRP takes a research idea to final publication

• A project panel is formed
• Panel develops scope of work from an original problem statement
• Panel reviews contractor proposals
• Panel oversees progress of selected contractor in completing the scope, through interim deliverables, teleconferences, and meetings
• Panel comments on draft final report to improve its value to the industry
ACRP Today

- 330+ research projects authorized
- 165+ ACRP publications
- 700+ industry volunteers are actively engaged with ACRP
  - Participants come from airports; airlines; consulting firms; academia; state and federal governments; and industry associations

ACRP Annual Research Cycle

- **January**
  - Begin synthesis meetings.
- **February**
  - Review proposals and select research contractors.
- **April-June**
  - Begin review and evaluation of problem statements.
- **July**
  - New projects selected from problem statements.
- **July-September**
  - Open solicitation for new Synthesis and Legal topics.
- **August-September**
  - Solicit nominations for panel volunteers.
- **October-November**
  - Begin forming project panels and Synthesis topic panels.
- **November-December**
  - Begin issuing RFPs for new projects.
- **December-February**
  - Open solicitation for new problem statements.
- **October**
  - Select new Synthesis and Legal topics.
5 Ways to Get Involved

1. Submit a research idea, or “problem statement”
2. Volunteer for a project panel
3. Prepare a research proposal
4. Respond to a request for information or complete a survey
5. Use the research results

Submit a Problem Statement

- Provide a general description of the problem
- Briefly describe the research proposed and how it relates to the problem
- Include an estimate of the funds and time needed to complete the research
Volunteer for a Project Panel

- Project panels provide technical guidance and counsel to projects from start to end
- Nominations to serve on project panels usually due in August or September
- Self-nominate or be nominated by a colleague

Submit a Proposal

- Any interested individual, agency, or others may submit a proposal in response to an ACRP RFP
Use the Research Results

ACRP research results take many forms:

• Project Reports
• Synthesis Reports
• Research Results Digests
• Legal Research Digests
• Impacts on Practices
• Web-only documents

Video

http://www.youtube.com/watch?v=sTOirUZILAA
Examples of Recent Research Results

Report 16: Managing Small Airports
• ACRP Project 01-01, published July 2009
• Research Agency: University of Minnesota
• Principal Investigators: James H Grothaus & Thomas J. Helms
• Subcontractors: Airport Admin LLC, Mead & Hunt, Professional Engineering Services
• Project Panel Chair: Linda Howard, Texas DOT

Examples (continued)

Report 20: Strategic Planning in the Airport Industry
• ACRP Project 03-09, published December 2009
• Research Agency: Ricondo & Associates, Inc.
• Principal Investigator: Pete Ricondo, P.E.
• Subcontractors: Booz Allen Hamilton, George Mason Univ, National Service Research
• Project Panel Chair: David J. Boenitz, San Diego Regional Airport Authority
Examples (continued)


- ACRP Project 10-10, published February 2012
- Research Agency: Mead & Hunt
- Principal Investigator: Mike Nash
- Project Panel Chair: Torrance Richardson, Fort Wayne—Allen County (Indiana) Airport Authority

Examples (continued)

Report 75: Airport Leadership Development Program

- ACRP Project 06-02, published May 2013
- Research Agency: The Ohio State University/Direct Effect Solutions
- Principal Investigators: Seth Young & Mindy Price
- Subcontractors: Columbus Ohio Regional Airport Authority and HNTB
- Project Panel Chair: Michael Audino
More Ways to Participate

Impacts on Practice
• Submit a Lead at trb.org/ACRP/ACRPImpacts.aspx

Apply to Become an ACRP Ambassador
• Learn more at trb.org/ACRP/ACRPAmbassadors.aspx

Speakers Bureau
• Join our database of ACRP research experts
• Get plugged into events where you can share your knowledge about an ACRP research problem

Upcoming ACRP Webinar

• July 10th – Airport Planning with Uncertainty in Traffic and Fuel Price Forecasting

• You can learn more about ACRP webinars and register by visiting the www.trb.org, clicking “Resources & Databases” at the top, and then
Get Social

- LinkedIn & Facebook
  - Participate in online discussions
  - Share YOUR success

For More Information

- [www.TRB.org/ACRP](http://www.TRB.org/ACRP)
- Regular news and updates on
  - Upcoming and ongoing research projects
  - New publications
  - Success stories
  - Announcements
  - And more!
THANK YOU!

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