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ACRP

Airport Cooperative Research Program



FAA – Western Pacific Region Airports Conference

Mike Salamone, CM

Tuesday, July 26, 2011

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How ACRP began.

- Authorized by Congress in 2004.
- Sponsored (funded) by FAA since 2005.
- Driven by and for the airport industry.
- ACRP Oversight Committee reviews, selects, and funds projects.
- Managed by the Transportation Research Board of the National Academies.

How topics are selected.

- Research ideas come from industry practitioners.
- Projects are selected by the ACRP Oversight Committee.
- Projects focus on applied research and intend to produce something of value.
- Topics are relevant to and results applicable to airports.
- Projects should not duplicate current research within ACRP or research conducted elsewhere in the industry.
- Research must be technically feasible.
- Research contractors are usually selected on a competitive proposal basis.

Our Research Process:

- A Project Panel is formed.
- The Panel is given the original problem statement and asked to develop a scope of work.
- Proposals are solicited and reviewed by the panel.
- The Panel selects the best research proposal for the project.
- As the selected contractor follows the scope, the Panel oversees progress through interim deliverables, teleconferences, and meetings.
- The Panel is first to receive the draft final report and provides comments to improve its value to the industry.

ACRP Oversight Committee

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

Vice Chair: Jeff Hamiel, Minneapolis-St. Paul Metropolitan Airports
Commission

Members: James Crites, Dallas-Fort Worth International Airport
Richard de Neufville, Massachusetts Institute of Technology
Kevin Dolliole, Unison , Inc.
John Duval, AAE, Austin Commercial
Steve Grossman, Jacksonville Aviation Authority
Tom Jensen, National Safe Skies Alliance
Catherine Lang, Federal Aviation Administration
Gina Marie Lindsey, Los Angeles World Airports
Carolyn Motz, Hagerstown Regional Airport
Richard Tucker, Huntsville International Airport
Kitty Freidheim, Freidheim Consulting

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, Air Transport Association of America

Henry Ogrodzinski, National Association of State Aviation Officials

Robert Skinner, Transportation Research Board

Melissa Sabatine, American Association of Airport Executives

Secretary: Christopher Jenks, Transportation Research Board

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Some of our results...

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Report 16 – *Managing Small Airports*

- **ACRP Project 01-01**
 - Published – July 2009
- **Research Agency:**
 - University of Minnesota
- **Principal Investigator:**
 - James H Grothaus and Thomas J Helms
- **Subcontractors:**
 - Airport Admin LLC
 - Mead & Hunt
 - Professional Engineering Services, LTD
- **ACRP Project Manager – Mike Salamone**



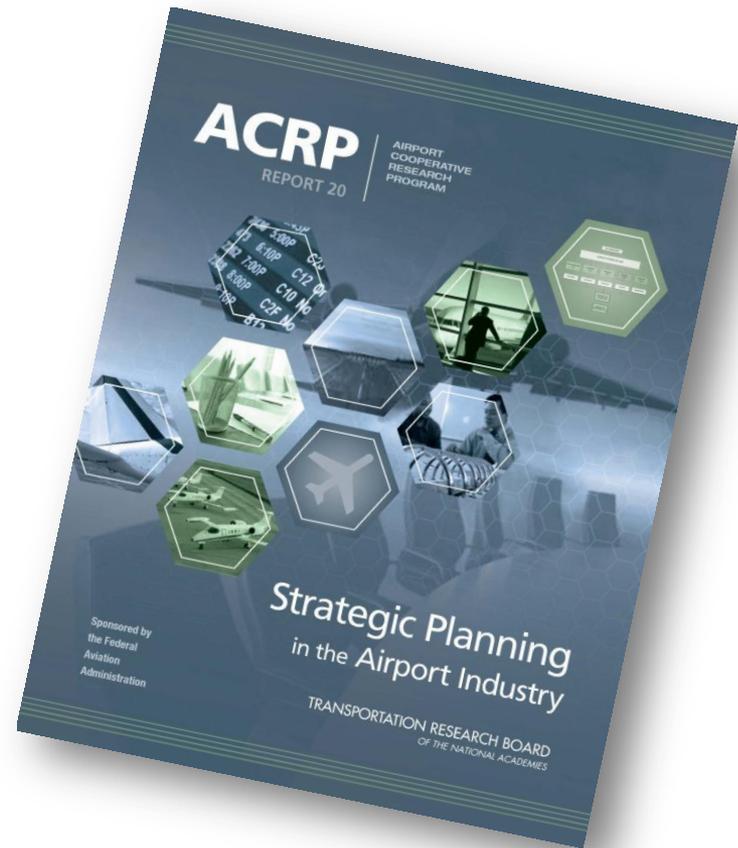
Report 18 – *Passenger Air Service Development Techniques*

- **ACRP Project 03-08**
 - Published – July 2009
- **Research Agency:**
 - INTERVISTAS-GA₂ Consulting, Inc.
- **Principal Investigator:**
 - Steven C Martin
- **Subcontractors:**
 - Vesta Rae & Associates, LLC
 - Robin Lee Monroe & Associates
 - Wordsworth Communications
- **ACRP Project Manager** – Mike Salamone



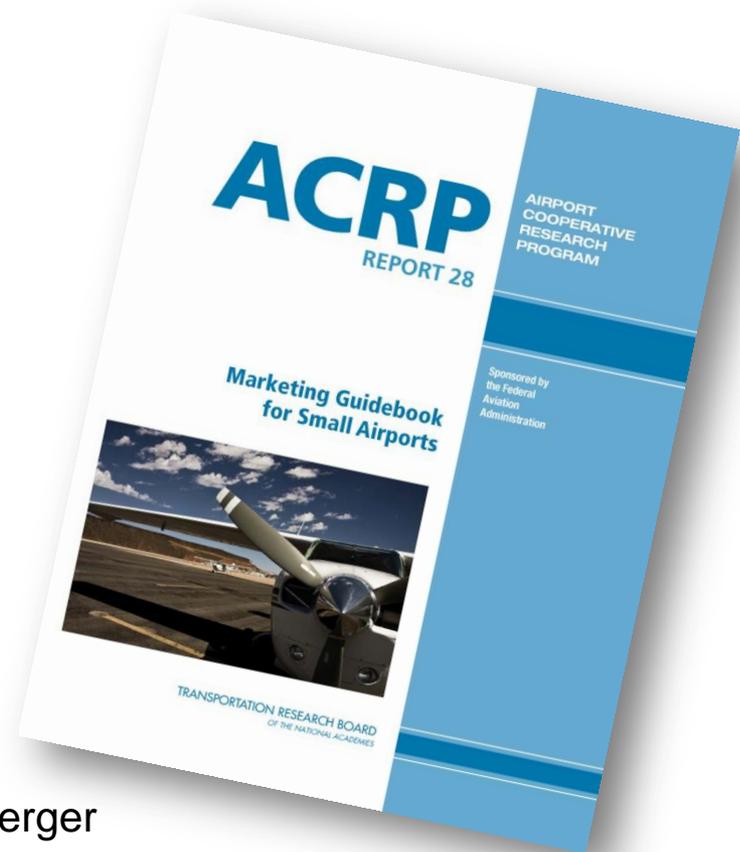
Report 20 – *Strategic Planning in the Airport Industry*

- **ACRP Project 03-09**
 - Published – December 2009
- **Research Agency:**
 - Ricondo & Associates, Inc.
- **Principal Investigator:**
 - Pete Ricondo, P.E.
- **Subcontractors:**
 - Booz Allen Hamilton, Inc.
 - George Mason University
 - National Service Research
- **ACRP Project Manager** – Mike Salamone



Report 28 – *Marketing Guidebook for Small Airports*

- **ACRP Project 01-04**
 - Published – February 2010
- **Research Agency:**
 - Kramer Aerotek, Inc.
- **Principal Investigator:**
 - Lois Kramer and Peggy Fowler
- **Subcontractors:**
 - Oliver Wyman, Inc.
 - GMH Consulting
- **ACRP Project Manager** – Marci Greenberger



Legal Research Digest 3

Survey of Law and Regulations of Airport Commercial Ground Transportation

- Listing of related statutory resources.
- Web links (URLs) to various resources.
- Bibliography of notable articles.



Research Results Digest 2

Model for Improving Energy Use in Airport Facilities

- Best practices for reducing energy use.
- Implementing an energy tracking program.
- Case studies.



Report 1

Overview of Safety Management Systems

- Introduction to SMS.
- Examine components and implementation in other industries.
- Guidebook for Airport SMS to follow in early 2009.



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For More Information

www.TRB.org/ACRP



- ❖ Information on ACRP (look for our brochures)
- ❖ Search engine
- ❖ All research projects
- ❖ Project statements (requests for proposals)
- ❖ Anticipated projects
- ❖ ACRP publication lists (how to order)
- ❖ Sign-up to receive email
 - notification of RFPs
 - notification of new publications
- ❖ Online forum for success stories



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WWW.TRB.org/acrp

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Publications

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- ACC
- ACI-NA
- IASAO
- AAAE
- ATA

Airport Cooperative Research Program

The Airport Cooperative Research Program (ACRP) is an industry-driven, applied research program that develops near-term, practical solutions to problems faced by airport operators. ACRP is managed by the Transportation Research Board (TRB) of the National Academies and sponsored by the Federal Aviation Administration (FAA). The research is conducted by contractors who are selected on the basis of competitive proposals.

ANNOUNCEMENTS

- [ACRP Call for Examples of Impacts on Practice](#)
Tuesday, November 23, 2010 12:47:20 AM
- [New ACRP Instructions to Proposers](#)
Saturday, November 13, 2010 12:12:38 AM
- [ACRP 2011 Speakers Bureau](#)
Friday, January 14, 2011 12:35:48 AM

RECENTLY RELEASED ACRP PUBLICATIONS

Common Airport Pavement Maintenance Practices
April 14, 2011

TRB's Airport Cooperative Research Program (ACRP) Synthesis 22: Common Airport Pavement Maintenance Practices explores how airports implement a pavement maintenance management program, including inspecting and tracking pavement condition, scheduling maintenance, identifying necessary funds, and treating distresses in asphalt and concrete pavements.

Risk Assessment of Proposed ARFF Standards
April 5, 2011

TRB's Airport Cooperative Research Program (ACRP) Web Only Document 12: Risk Assessment of Proposed ARFF Standards explores air carrier passenger aircraft accidents to help determine if changes to Aircraft Rescue and Fire Fighting (ARFF) standards would have reduced the number of fatalities or serious injuries that resulted from past accidents. The report compares standards set forth by the Fed...

Survey of Minimum Standards: Commercial Aeronautical Activities at Airports
March 12, 2011

TRB's Airport Cooperative Research Program (ACRP) Legal Research Digest 11: Survey of Minimum Standards: Commercial Aeronautical Activities at Airports explores source material for adopting and enforcing minimum standards that airport owners and operators commonly impose on businesses that perform commercial aeronautical activities that occur at airports. Examples of aeronautical activities inc...

HIGHLIGHTS

- January 2011 - [FY2010 ACRP Annual Report](#) (PDF)
- May 2010 - Check out our [ACRP informational brochure!](#)
- April 2010 - Visit the [ACRP Speakers Bureau page!](#)
- December 2009 - ACRP announces new [FY2010 synthesis topic](#) (PDF)

[Prepare a problem statement using our outline](#) (PDF)

Read reviewer comments from last year's 223 submitted problem statements.

- [Recommended](#) for AOC consideration by reviewers.
- [Not recommended](#) for AOC consideration by reviewers.

Check out the July 2009 announcement (above) for final FY2010 research projects.

You can sign-up to receive notification of new [ACRP publications](#) when they arrive.

Potential proposers may sign-up to receive announcements and notices when [ACRP RFPs](#) are posted.

You can view the Requests for [Proposals for FY2010 ACRP projects](#). RFPs are released starting in November and continuing through February of each year.

If you are interested in submitting a proposal on an ACRP project, review our specifications for preparing proposals in a brochure titled "[Information and Instructions for Preparing Proposals](#)" (PDF).

Information on ACRP and other TRB activities is available in the [TRB E-Newsletter](#). The ACRP is managed by the [Cooperative Research Program](#) of the [Transportation Research Board](#).

Transportation Research Board, 500 Fifth St. NW, Washington, D.C. 20001
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Have You Seen an ACRP Impact on Practice?

www.TRB.org/ACRP

- ❖ Tell us if you have seen an example of actual or expected benefits from ACRP research.
- ❖ Has your organization implemented innovative approaches?
- ❖ Has the airport or public seen economic, social or environmental benefits?
- ❖ Has ACRP research enhanced productivity or performance?



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Thank you!

It's good to be home again!

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