About the Symposium

Sound insulation programs continue to be the most effective method available to airport sponsors to make a measurable improvement of aircraft noise impacts in surrounding communities. As most program sponsors quickly discover, these programs are much more than just ‘doors and windows.’ Each program has its unique aspects that often create challenges for those responsible for its implementation. These challenges can include the pace of FAA funding, selecting a program consultant, establishing an effective community outreach program, managing the construction process, and balancing the types of materials available with homeowner expectations.

Now in its fifth year, the Sound Insulation Symposium will gather together experts from around the country (and the world) in Chicago, Illinois. Over the course of two days of moderated discussion, participants will engage in dialogue and networking opportunities designed to enhance individual and collective knowledge. Chicago’s O’Hare International and Midway airports have one of the most aggressive residential and school sound insulation programs in the nation. Attendees at this year’s Symposium will have the opportunity to learn about the details about these programs. A tour of a state-of-the-art window manufacturing facility has been incorporated this year for all attendees.

The American Association of Airport Executives (AAAE) and the QuieterHome Program® (powered by C&S Companies) invite you to join airport and municipal representatives, community leaders, consultants, contractors, and manufacturers engaged in sound insulation programs at the 5th annual Sound Insulation Symposium in Chicago, Illinois on October 16-18, 2005.

Click here to register online (site will open in a new window)
About the Symposium

Archived Presentations

Presentations from the 2005 Sound Insulation Symposium, Chicago, IL

All presentations are in Adobe PDF format and open in a new window.

Session 1—Sound Insulation Product Manufacturer's Roundtable

- Product Roundtable Discussion (3,090k)
  Moderator: John Bunzick
  Panelists: Alan Peterson, Paul Hoover, Rich Dobrowski, Michael McShane, Mark Culverson, Shawn Hulsey, Jim Carney

Session 2—Contractor's Roundtable

- Contractor's Roundtable Discussion (846k)
  Moderator: Steve Martin
  Panelists: David O'Leary, Charles Goodballet, Russell Callahan, James Clinnin

Session 4—Sound Insulating Unique Structures

- Insulating Unique Structures (2,748k)
  Moderator: Alan Hass
- The San Diego Quieter Home Program (15,131k)
  Cathy Hollam and Brian Lahr
- Sound Insulating Unique Structures (4,895k)
  Bob Valerio
- Liston Tower—Stories from treating a seven story elderly care facility (413k)
  Brian Tonini

Session 5—Gauging the Process

- Best Practices Survey Update (3,172k)
  Michael Payne
- The FAA Perspective (1,623k)
  Elliot Black

Special Presentation

About the Symposium

• Phoenix Sky Harbor Sound Program Update (3,378k)
  Kathleen Toon

Symposium Agenda

Archived Presentations

Contact Us

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Sound Insulation Symposium

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Archived Presentations

Presentations from the 2004 Sound Insulation Symposium, Redondo Beach, CA

All presentations are in Adobe PDF format and open in a new window.

Session 1—Vision

- Aviation Safety and Noise Abatement Act of 1979 or ASNA (2,154k)
  Ruben Cabalbag

- Vision 100 and Noise Mitigation (127k)
  Barry Molar

- Third Annual Standards for Best Practices, 2004 (4,333k)
  Michael Payne, AIA

Session 2—Organizing the Pieces

- Working with your Region or ADO (87k)
  Dean McMath

- City of El Segundo Residential Sound Insulation Program (2,265 k)
  James O'Neill

- Sound Insulation Program Documents (8,221k)
  Steve Vecchi

Session 4—Unique Puzzle Pieces

- Classroom Acoustics (534k)
  Gary Ehrlich, P.E.

- The Acoustical Design for St. Paul's Elementary School (734k)
  Alan Hass

- School Sound Attenuation and High Performance School Design—Natural Compatibility (782k)
  Tim Hughes, P.E., LEED

- Unique Puzzle Pieces: Designing Sound Treatments for Unique...
About the Symposium

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Symposium Agenda

For more information about the Sound Insulation Symposium, please contact:

Archived Presentations

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The Aviation Noise and Air Quality Symposium
Our 2006 Aviation Noise & Air Quality Symposium, Back to the Future, was a roaring success! More than 300 attendees heard presentations on cutting-edge topics, exchanged views, and made valuable contacts.

Presentations are now available on-line. (view)

Be sure to mark your calendar for our 2007 symposium, to be held March 4-7 in fabulous San Francisco at the Stanford Court Hotel. A Preliminary Program will be available in the fall. Check our website at the end of September for more details.

For more information about this conference, including sponsorship and exhibiting opportunities, please e-mail conferences@techtransfer.berkeley.edu.

Programs & Proceedings for Past Symposia:
2006: Back to the Future
2005: The Roaring 20th
2004: Jet Set Go
2003: Doing the Wright Stuff
2002: Dreams of Flight
2001: An AirSpace Odyssey Proceedings
2000: Emerging Issues for the New Millennium
Download 2006: Back to The Future Presentations
SUNDAY, MARCH 5

NOISE 101:
An Introduction to Aviation Noise

- NOISE METRICS AND SOURCES
  William Albee,
  Wyle Laboratories
  (PDF, 4.15M)

- THE REGULATION OF AVIATION NOISE
  Steve Pflaum,
  McDermott, Will & Emery
  (PDF, 551K)

- THE EFFECTS OF AVIATION NOISE ON PEOPLE
  Rob Adams,
  Landrum & Brown, Inc.
  (PDF, 1.05M)

- THE ECONOMICS OF NOISE
  Geoffrey Gosling,
  Aviation Systems Consulting, LLC
  (PDF, 158K)

AIR QUALITY 101:
An Introduction

- AIRPORT SOURCES OF AIR EMISSIONS
  Mike Kenney,
  KB Environmental Sciences
  (PDF, 1.91M)

- AIRPORT OPERATIONS IN AQ PLANS
  David Vintze,
  Bay Area Air Quality Management District
  (PDF, 225K)

- THE HOW-TO'S OF AIR QUALITY EVALUATIONS
  Jim Humphries,
  CH2M Hill
  (PDF, 583K)

- EMISSIONS TRADING & MITIGATION STRATEGIES

http://www.techtransfer.berkeley.edu/aviation06downloads/
GA 101:
An Introduction to Environmental Impacts at General Aviation Airports

- INTRODUCTION TO GA AND WORKING WITH A NOISE ADVISORY GROUP
  Rudy Steinthal,
  Teterboro Airport
  (PDF, 2.46M)

- WORKING WITH A NOISE ADVISORY GROUP
  Jeff Gilley,
  National Business Aviation Association

- BIZ JETS AND THE NEW LANDSCAPE FOR GA AIRPORTS
  Ron Swanda,
  General Aviation Manufacturers Association

- REGULATIONS GOVERNING GA AIRPORTS IN THE U.S.
  Mike McClintock,
  Mead & Hunt
  (PDF, 422K)

- NEW ENVIRONMENTAL STUDIES IN LOS ANGELES
  Patti Tubert and Bob Holden,
  Los Angeles World Airports
  (PDF, 1.06M)

NOISE 401:
Advanced Topics in Noise Modeling

- AIRCRAFT NOISE MODELING FROM GATE TO ENROUTE AIRSPACE
  Bob Miller and David Crandall,
  HMMH
  (PDF, 5.43M)

- AEDT ADVANCES
  Gregg Fleming,
  U.S. DOT/Volpe Center
  (PDF, 2.32M)

- TNIIP RUNWAY ALLOCATOR--A NEW WAY TO PREDICT RUNWAY USE
  Dave Southgate,
  Department of Transport and Regional Services, Australia
  (PDF, 1.69M)
KEYNOTE ADDRESS
"Back to the Future"

* R. Austin Wiswell,
  former Director of Aeronautics, California Department of Transportation

GENERAL SESSION I
Why Care? Because Noise & Air Impacts are Increasing as Growth Returns
Moderator:
Mayor Arlene J. Mulder,
Village of Arlington Heights/O'Hare Noise Compatibility Commission

* SUSTAINABLE AVIATION
Katherine Andrus,
Air Transport Association
(PDF, 38K)

* RECENT EFFORTS TO ADDRESS SUSTAINABLE AVIATION IN EUROPE
Emmanuel Fleuti,
Flughafen Zürich
(PDF, 468K)

* COMMUNITY PLANS VS. AIRPORT PLANS
Commissioner Todd Portune,
Hamilton County, Ohio

BREAKOUT SESSION I - NOISE
The Naples Decision - A 360 Degree view
Moderator:
Rudy Steinthal,
Teterboro

* THE NAPLES STAGE 2 BAN
Peter Kirsch & Ted Soliday,
Kaplan Kirsch & Rockwell and Naples Airport
(PDF, 584K)

* NAPLES AIRPORT AUTHORITY VS. FAA
David Bennett,
Federal Aviation Administration

http://www.techtransfer.berkeley.edu/aviation06downloads/
BREAKOUT SESSION I - AIR QUALITY
SIPS, Emissions and Climate Impacts
Moderator:
Ginny Raps,
Landrum & Brown

* THE IMPORTANCE OF GETTING AIRPORTS INVOLVED IN SIPS - THE DENVER EXAMPLE
Adrian Jones,
Ricondo & Associates, Ltd.
(PDF, 369K)

* "PARTICULATE" IS AN ADJECTIVE AND "PARTICULATES" IS NOT A WORD
Ralph Iovinelli,
Federal Aviation Administration
(PDF, 281K)

* THE NOx GLOBAL PROTOTYPE
Ted Thrasher,
CSSI
(PDF, 100K)

GENERAL SESSION II
Three's a Crowd--Accomodating Increased Demand with Smart Solutions
Moderator:
Lourdes Maurice,
Federal Aviation Administration

* HOW THE NEXT GENERATION AIR TRANSPORTATION SYSTEM WILL ADDRESS ENVIRONMENTAL ISSUES
Sharon Pinkerton,
Federal Aviation Administration
(PDF, 489K)

* THE COMMUNITY BENEFITS AGREEMENT AT LAX
Patty Tubert,
Los Angeles World Airports
(PDF, 768K)

* MODELING IMPACTS OF NGATS
Terry Thompson,
Metron Aviation
(PDF, 527K)

TUESDAY, MARCH 7

GENERAL SESSION III

http://www.techtransfer.berkeley.edu/aviation06downloads/
Innovative Land Use Scenarios and Air Traffic Control Communications
Moderator:
Ben Sharp,
Wyle Laboratories

* LAND USE PLANNING GUIDELINES FOR NEW AIRPORTS IN CANADA
  Brad Robertson,
  Toronto Airport Authority
  (PDF, 655K)

* LAND USE PLANNING BASED ON FLIGHT PATH CORRIDORS: THE CANBERRA AIRPORT DEBATE
  Noel McCann,
  Canberra International Airport
  (PDF, 3.26M)

* COMMUNICATION ABOUT ATC TO THE LOCAL COMMUNITY AND IMPACTS OF FLIGHT TRACKS
  Jean-Luc Drapier,
  Direction General d'Aviation Civile (DGAC)
  (PDF, 1.78M)

GENERAL SESSION IV
Air Traffic Control - Strategies and Strategies
Moderator:
Sabrina Johnson,
Environmental Protection Agency

* AIR TRAFFIC CONTROL IN THE NATIONAL AIRSPACE SYSTEM
  Lois Esposito,
  Federal Aviation Administration
  (PDF, 1.3M)

* INTEGRATING AIRSPACE REDESIGN AND AIRPORT PLANNING: A VITAL STEP TOWARDS ACHIEVING SUSTAINABLE AVIATION GROWTH
  Jawad Rachami,
  Wyle Laboratories
  (PDF, 226K)

* CASE STUDY: THE NY-NJ-PHL REDESIGN PROJECT AND ITS ENVIRONMENTAL IMPACTS
  Steve Kelley and Mo Keane,
  Federal Aviation Administration
  (PDF, 2.01M)

GENERAL SESSION V
Technological Efforts on the Horizon
NOISE AND CHILDREN'S SCHOOL PERFORMANCE
Mary Ellen Eagan,
HMMM
(PDF, 341K)

• "SLEEP FLIES AWAY": RESULTS FROM 'THE INFLUENCE OF NIGHT-TIME NOISE ON SLEEP AND HEALTH'
Willy Passchier-Vermeer,
TNO/Health Council of the Netherlands
(PDF, 73.3K)

• RECENT AIRCRAFT PARTICLE EMISSIONS MEASUREMENTS
Chowen Wey,
NASA
(PDF, 3.7M)

BREAKOUT SESSION II - NOISE
Best Practices for Noise Monitoring Systems
Moderator:
Dan Frazee,
San Diego International Airport

• RESULTS OF THE AIRPORT NOISE MONITORING SYSTEM SURVEY
Gene Reindel,
Harris Miller Miller & Hanson
(PDF, 232K)

• SAE A-21 AIRPORT RECOMMENDED PRACTICES FOR NOISE MONITORING SYSTEMS, ARP
Vince Mestre,
Mestre Greve & Associates
(PDF, 548K)

• APPLICATIONS OF AIRPORT MONITORING SYSTEM DATA TO SOLVE NOISE PROBLEMS
Mike Rikard-Bell,
Lochard
(PDF, 568K)

BREAKOUT SESSION III - AIR QUALITY
Recent Developments in Airport Air Quality Management
Moderator:
Mike Kenney,
KB Environmental

• COMMERCIAL JET EMISSIONS TESTS AT OAKLAND
Steve Church,
California Air Resources Board

http://www.techtransfer.berkeley.edu/aviation06downloads/
PRELIMINARY FINDINGS OF AIR QUALITY IMPACTS AT T.F. GREEN AIRPORT IN WARWICK RI
Barbara Morin,
Rhode Island Dept of Environmental Management
(PDF, 3.7M)

ANALYSIS OF HAZARDOUS AIR POLLUTANTS (HAPS) AT AIRPORTS
Ken Mitchell,
Environmental Protection Agency Region IV, Atlanta

GENERAL SESSION VIII
Evaluating Community Impacts
Moderator:
Sandy Lancaster,
Dallas/Fort Worth International Airport

THE MILITARY AIRPORT AND THE COMMUNITY NEXT DOOR
Fred E. Pierson,
U.S. Navy
(PDF, 2.9M)

LESSONS LEARNED FROM THE LAS VEGAS AIRSPACE REDESIGN
Jeff Jacquart,
McCarran International Airport, Las Vegas
(PDF, 1.9M)

REAL-TIME TRACKING OF NOISE VIOLATIONS
Mike McKee and Ron Dunsky,
Denver International Airport and Megadata
(PDF, 656K)

WRAP-UP SESSION
Achieving the Airport of Tomorrow

Brad Rolf,
Barnard Dunkelberg & Company
(PDF, 227K)

Armando Tovar,
Raleigh-Durham Airport

Mark Hansen,
Federal Express

Joe Annunzio,
Village of Niles, Illinois
(PDF, 34.5K)
Welcome to NOISE, America's community voice on aviation noise issues. NOISE is a coalition of locally elected officials and industry stakeholders working cooperatively with local and federal government to find workable solutions to the issue of excessive airport noise.

Please explore our site to learn more about the history of NOISE and how we can help your community.

**Upcoming NOISE Events**
2006 Annual Conference  
San Francisco, CA  
September 20-22, 2006

2006 Winter Meeting  
Reno, NV  
December 8, 2006

**Recent NOISE Events**
2006 Spring Meeting  
Washington, DC  
March 13, 2006

2005 Winter Meeting  
Charlotte, NC  
December 9, 2005