Appendix D

Public Outreach and Community Workshop Materials

Philadelphia International Airport
Noise Compatibility Program Update
FAR Part 150 Noise Exposure Maps Update Report

Prepared by:
DMJM Aviation | AECOM
In association with:
Wyle
Portfolio Associates, Inc.
# Part 150 Noise Compatibility Program Update

## Advertisement Schedule

<table>
<thead>
<tr>
<th>Publication</th>
<th>Ad, Size</th>
<th>Ad Due</th>
<th>Pub date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Philadelphia Inquirer</td>
<td>PA Ad Legal Notice</td>
<td>Fri 10/26</td>
<td>Wed 10/31</td>
</tr>
<tr>
<td><strong>Southwest Philadelphia Review</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City of Philadelphia - Eastwick,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Philadelphia, and Center</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City neighborhoods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PA Ad 4 13/16&quot; x 5.75</td>
<td>F 10/26</td>
<td>F 11/2</td>
</tr>
<tr>
<td><strong>South Philadelphia Review</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City of Philadelphia - Eastwick,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Philadelphia, and Center</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City neighborhoods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PA Ad 4 13/16&quot; x 5.75</td>
<td>F 10/26</td>
<td>Th 11/1</td>
</tr>
<tr>
<td><strong>Gloucester County Times</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Southern New Jersey #1 -</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gloucester and Northern Salem Counties</td>
<td>NJ Ad 5.517&quot; x 5</td>
<td>M 10/29</td>
<td>Th 11/1</td>
</tr>
<tr>
<td><strong>Burlington County Times</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Southern New Jersey #2 - Camden and Burlington</td>
<td>NJ Ad 5.75&quot; x 10.5&quot;</td>
<td>M 10/29</td>
<td>F 11/2</td>
</tr>
<tr>
<td><strong>News Journal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Northern Delaware - Brandywine Hundred, Wilmington</td>
<td>DE Ad 2 col. x 3&quot;</td>
<td>M 10/29</td>
<td>Th 11/1</td>
</tr>
<tr>
<td><strong>News of Delaware County</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delaware County - Tinicum Township, Media, Swarthmore, Ridley Township, Ridley Park</td>
<td>PA Ad 5.75&quot; x 10.25&quot;</td>
<td>M 10/29</td>
<td>W 10/31</td>
</tr>
<tr>
<td><strong>Main Line Times</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Montgomery County - Lower Merion Township</td>
<td>PA Ad 5.75&quot; x 10.25&quot;</td>
<td>Mon 11/29</td>
<td>Th 11/1</td>
</tr>
<tr>
<td><strong>Courier Post</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>NJ Ad Legal Notice</td>
<td>Fri 10/26</td>
<td>Wed 10/31</td>
</tr>
</tbody>
</table>
Community Workshops

Updating the Philadelphia International Airport FAR Part 150 Noise Compatibility Program

Wednesday, November 14, 2007
Mercy Wellness Center
2821 Island Avenue • Philadelphia, PA

Tuesday, November 20, 2007
Tinicum School
First & Seneca Streets • Essington, PA

All meetings are from 5:30 to 8:00 PM

The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Program for the Philadelphia International Airport. These community workshops will be in an open house format to provide an opportunity for you to share your perspectives and suggestions about noise mitigation alternatives, and to submit comments that will become part of the final report document.

www.phlpart150update.com
**Community Workshops**

**Part 150 Noise Compatibility Program Update**

**Community Workshops**

**Updating the Philadelphia International Airport FAR Part 150 Noise Compatibility Program**

Join your neighbors at one of these locations:

**Wednesday, Nov. 7, 2007**
Crowne Plaza Hotel
2349 W. Marlton Pike • Cherry Hill, NJ

**Thursday, Nov. 15, 2007**
Paulsboro High School
670 N. Delaware Street • Paulsboro, NJ

All meetings are from 5:30 to 8:00 PM

The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Study for the Philadelphia International Airport. These community workshops will be in an open house format to provide an opportunity for you to share your perspectives and suggestions about noise mitigation alternatives, and to submit comments that will become part of the final report document.

[www.phlpart150update.com](http://www.phlpart150update.com)

---

**Community Workshops**

**Updating the Philadelphia International Airport FAR Part 150 Noise Compatibility Program**

Join your neighbors at one of these locations:

**Wednesday, Nov. 7, 2007**
Crowne Plaza Hotel
2349 W. Marlton Pike • Cherry Hill, NJ

**Thursday, Nov. 15, 2007**
Paulsboro High School
670 N. Delaware Street • Paulsboro, NJ

All meetings are from 5:30 to 8:00 PM

The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Study for the Philadelphia International Airport. These community workshops will be in an open house format to provide an opportunity for you to share your perspectives and suggestions about noise mitigation alternatives, and to submit comments that will become part of the final report document.

[www.phlpart150update.com](http://www.phlpart150update.com)
Community Workshops

Philadelphia International Airport
Noise Compatibility Study Update
Community Workshops

Thursday,
November 8, 2007
Claymont Community Center
3301 Green Street, Claymont, DE

All meetings are from 5:30 PM to 8:00 PM

The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Program for the Philadelphia International Airport. These community workshops will follow an open house format to provide an opportunity for you to share your perspectives and suggestions about noise mitigation alternatives, and to submit comments that will become part of the final report document.

www.philpart150update.com
Part 150 Noise Compatibility Program Update

LEGAL NOTICE

Philadelphia International Airport
Noise Compatibility Study Update
Community Workshops

Updating the Philadelphia International Airport
FAR Part 150 Noise Compatibility Program

The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Study for the Philadelphia International Airport. These community workshops will be in an open house format to provide an opportunity for you to share your perspectives and suggestions about noise mitigation alternatives, and to submit comments that will become part of the final report document.

WED, Nov. 7, 2007
Crowne Plaza Hotel
2349 W. Marlton Pike
Cherry Hill, NJ

THU, Nov. 8, 2007
Claymont Community Center
3301 Green Street
Claymont, DE

TUE, Nov. 13, 2007
Tinicum School
First & Seneca Streets
Essington, PA

WED, Nov. 14, 2007
Mercy Wellness Center
2821 Island Avenue
Philadelphia, PA

THU, Nov. 15, 2007
Paulsboro High School
670 N. Delaware Street
Paulsboro, NJ

All meetings are from 5:30 to 8:00 PM.
Station 1 – Introduction to the Part 150 planning process
Part 150 Noise Compatibility Program Update

What is a Part 150 Study?

Voluntary program initiated by an airport.

Tries to balance the needs of an airport with impacts on the surrounding communities.

Originated out of the Aviation Safety and Noise Abatement Act of 1979, which established Federal Aviation Regulation (FAR) Part 150.

Identifies existing and potential future (5-years) noise exposure on surrounding communities.

Develops recommendations to reduce noise levels in communities surrounding an airport.

Can be enacted by the airport, local municipalities, air carriers, and/or the FAA.

Establishes eligibility for Federal funding for implementation of approved recommended mitigation measures.
**Part 150 Noise Compatibility Program Update**

**Study Initiation**

**Submittal to FAA**
- NEMs are accepted
- 180 day NCP review

**The Part 150 Process**

**Data Collection**
- Airport Operations
- Aircraft Fleet Mix
- Runway Utilization
- Flight Tracks
- Local Land Use
- Base Mapping

**Noise Compatibility Program**
- Noise Abatement/Operational Measures
- Land Use Mitigation Measures
- Program Management Measures

**Noise Exposure Maps**
- FAA’s Integrated Noise Model
- Existing and Forecasted
- Determine level of impacts
## Land Use Noise Sensitivity Matrix

<table>
<thead>
<tr>
<th>Land Use</th>
<th>55-65 DNL</th>
<th>65-75 DNL</th>
<th>75+ DNL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-2 Family</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi-Family</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mobile Homes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dorms, etc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Institutional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Churches</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Schools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hospitals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nursing Homes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Libraries</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recreational</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sports/Play</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arts/Instructional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Camping</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Uses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Uses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agricultural</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Uses</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Per, FAR, Part 150

- **Compatible**
- **Incompatible**
Station 2 – Overview of previous Part 150 Study

The status of some measures is being reviewed and may change.
Part 150 Noise Compatibility Program Update

PHL’s Existing Noise Compatibility Program

Noise Abatement Measures

**NA-1:** Aircraft weighing 12,500 pounds or more departing Runways 9L/9R/17/35/8 fly runway heading until reaching 2,000 feet above ground level.

**NA-2:** Aircraft weighing 12,500 pounds or more departing Runway 27L turn left to a 255 degree heading until reaching 3,000 feet above ground level.

**NA-3:** Aircraft weighing 12,500 pounds or more departing Runway 27R turn left to a 240 degree heading until 3 DME, thence turn right to a 255 degree heading until reaching 3,000 feet above ground level.

**NA-4:** Continue existing nighttime runway use program from midnight to 6:00 a.m.

**NA-5:** Continue existing run-up procedures for location and orientation preferences with requirements for pre-approval and limitation to 20 minutes or less.

**NA-6:** Support creating of Area Navigation (RNAV) overlay procedures for selected existing and future flight procedures.

**NA-7:** Encourage noise-attenuating standards in airport development.
Part 150 Noise Compatibility Program

Program Management Measures

PM-1: Establish a Noise Abatement Advisory Committee.
PM-2: Enhance the Airport's Noise Monitoring System.
PM-3: Install additional noise monitors.
PM-4: Establish full-time noise office with staff.
PM-5: Establish a pilot/community awareness program.
PM-6: Update the NEMs and NCP.

Land Use Measures

LU-1: Develop and implement a residential sound insulation program.
LU-2: Develop and implement a purchase and resale program as a supplement to the residential sound insulation program.
LU-3: Develop a land use development program.
LU-4: Develop and implement a land use controls program.
LU-5: Prepare a study to determine the feasibility of implementing noise mitigation measures at Fort Mifflin.
Station 3 – Reasons for Conducting this Update
Part 150 Noise Compatibility Program Update

Why is this being updated?

- The original study recommended that the NEMs and NCP be updated in five years
- PHL committed to update the NCP as a follow-up to the Runway 17/35 EIS.
- The measure is being implemented since PHL has experienced, or is anticipated to experience, changes in:
  - Annual aircraft operations
    - 2003 – 448,176
    - 2006 – 515,869
    - 2010 – 559,000 (forecasted)
    - 2015 – 622,500 (forecasted)
  - Airfield Configuration
  - Airspace Design

Other Factors Influencing Aviation Activity

- International Terminal A-West
  - Opened in May 2003 providing 13 new gates for international service
- Introduction of Low-Cost Carriers
  - Southwest initiated service in May 2004
- Fare reductions
  - Surge in competitive airfares at PHL resulted in record breaking passenger numbers from 2004 through 2006, which has resulted in changes to aircraft fleet mix.
Changes in Airfield Configuration

Runway 17-35 Extension

Project Purpose and Need:
To reduce current and projected airfield delays at PHL in the short-term

Project Details:
640 foot northerly extension
400 foot southerly extension

Resulting Changes at PHL that could affect existing noise exposure:
A 6,500 foot Runway 17-35 can now accommodate regional jets and narrowbody jet aircraft.
Future Changes to the Airspace

New York/New Jersey/Philadelphia Airspace Redesign

Project Purpose and Need:
To increase the efficiency and reliability of the airspace structure and air traffic control system.

Project Details:
Modifications to airspace configuration and air traffic management procedures, consisting of the design, development, implementation, and use of new or modified Air Traffic Control (ATC) procedures and reconfigured airspace.

Resulting changes at PHL could affect existing noise exposure:
Departure headings that differ from those used at PHL today.
Station 4 – “Introduction to Aviation Noise”

This station will also have Wyle’s Interactive Sound Information System (ISIS)
Part 150 Noise Compatibility Program Update

**Single-Event Noise Metrics**

**Maximum Sound Level \((L_{\text{max}})\)**

The highest sound level measured during a single event when the sound level changes over time.

**Sound Exposure Level (SEL)**

A metric that normalizes the total energy of a noise event to a 1-second duration. Allows the addition of multi-events and calculation of average sound levels.
**Part 150 Noise Compatibility Program Update**

**Time Averaged Noise Metrics**

*Equivalent Sound Level (Leq)*

Time-average of the total sound energy over a specified time period.

*Day-Night Average Sound Level (DNL)*

Similar to Leq for a 24-hour period with a 10-db weighting for nighttime events (10 PM to 7 AM).

Uses SEL as the single event metric.
**Part 150 Noise Compatibility Program Update**

**What is DNL?**

1. **Noise Level**
   - Measurement of each noise event (Take off or Landing)

2. **Apply Duration of Noise Event**

3. **Sound Exposure Level**

4. **Cumulative Noise Exposure Measurement**

5. **Average Energy Level of single event (SEL) values**

6. **Account for the number of events**
   - Account of the nighttime penalty of 10 decibels

7. **Day/Night Average Sound Level**
Station 5 – How noise exposure maps are developed
Part 150 Noise Compatibility Program Update

Development of Noise Exposure Maps

- Existing conditions NEM – 2007
- 5-Year Forecast NEM – 2012
- FAA’s Integrated Noise Model (INM)
  - INM is an average-value-model and is designed to estimate long-term average effects using average annual input conditions
  - INM utilizes data collected during the airport inventory portion of the study to generate the input files to produce:
    - Noise contours
    - Grid point calculations of predicted noise at specific sites such as hospitals, schools or other sensitive locations

Model Input Parameters

Fleet Mix - Each category divided up into specific aircraft types
Time of Day - Number of operations during day and night
Runway use - Defined for each category and operation type
Flight track use - By proportion of traffic on each runway
Stage Length – Distance of the trip
Part 150 Noise Compatibility Program Update

How Noise Contours are Generated

OUTPUT

- Noise Exposure Maps: Noise contours displaying the level of noise exposure on areas around the airport
- Tabular Reports: Size of noise contours and other relevant information
- Grid Point Analysis: Detailed noise analysis on specific location points around the airport

The FAA's Integrated Noise Model (INM)

- The INM database contains noise and performance data for over 100 different aircraft models.
- INM Version 7.0 is the most current version.

INPUT

- Airport Information: Runway end locations, runway length and width, temperature and humidity
- Aircraft operational data: Type of aircraft, number, and type of operations, time of day, length of trip
- Flight Track Data: Location of flight tracks, runway/track usage rates, departure climb profiles
Part 150 Noise Compatibility Program Update

Runway Use Characteristics

Air Carrier and R.J. Aircraft

General Aviation & Propeller
Part 150 Noise Compatibility Program Update

Departure Flight Tracks

Arrival Flight Tracks
Station 6 – Steps that will be taken during this update
Part 150 Noise Compatibility Program Update

Process for updating PHL's Part 150 Study

» Public participation throughout the study
  » Study Advisory Committee (SAC)
  » Community Workshops
  » Project Website (www.phlpart150update.com)
  » Project Newsletters

» Conduct Airport Inventory
  » Identify current and forecasted (5 years) aircraft operational levels and fleet mix
  » Identify current and future runway use and flight procedures

» Noise Measurement Program
  » Evaluate "Slice-in-Time" Noise Environment over a 10-day period (11/7 through 11/16) at up to 30 sites.
  » Measurements can be used to supplement INM data, but not to take the place of modeling.
  » Measure the sound levels of individual aircraft operations at locations on and around the airfield.
  » Comparison between monitored data and modeled data. Validate results from INM.
  » Locations chosen based on aircraft flight paths, sensitivity to noise, suitability for noise monitoring.
Part 150 Noise Compatibility Program Update

Process for updating PHL’s Part 150 Study

- Develop Noise Exposure Maps (NEMs)
  - Identify impacted land uses and noise sensitive facilities
- Develop Noise Compatibility Program (NCP)
  - Airport’s plan to reduce existing and future non-compatible land uses and noise impacts.
  - Noise Abatement/Operational Alternatives
  - Land Use Mitigation Alternatives
  - Program Management Alternatives
- Conduct Public Hearing
  - Draft report will be made available to the public for review and comment.
  - One final Community Workshop will be held in conjunction with a formal public hearing.
- Submit to the FAA for review and approval
  - FAA will review the Noise Exposure Maps and once accepted they begin evaluation of the NCP.
  - FAA has 180 days to review and approve or disapprove recommendations contained in the NCP
  - A Record of Approval (ROA) is issued by the FAA indicating their decisions
  - Approved measures become eligible for funding
Part 150 Noise Compatibility Program Update

COMMUNITY WORKSHOPS – EVALUATION FORMS SUMMARY

WORKSHOP DATES: November 7th, 8th, 14th, 15th and 20th

Total No. of Attendees = 73
Total No. of Evaluations Received 41 = (56%)
NR = No Response

Note: The numbers under the 1-5 ratings below represent the total number of people who indicated each rating. For example in question 2, 23 people rated registration a "5".

1. How did you hear about this workshop?
   19 Flyer
   6 Word-of-mouth
   9 Newspaper:
   5 Gloucester County Times
   2 Phila. Inquirer
   3 Courier Post
   1 unidentified

2. Please rate the following aspects of the workshop by circling a number for each item.

<table>
<thead>
<tr>
<th>poor</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>NR</th>
</tr>
</thead>
</table>
   Registration ................................................. 0 0 9 7 23 2
   Large boards on easels
   Graphics ....................................................... 0 1 5 14 19 2
   Text ........................................................... 0 1 5 15 16 4
   Information provided ........................................ 0 0 8 11 20 2
   Response to questions ....................................... 0 0 4 9 26 2

3. Has your involvement in today's workshop...
   - Helped you understand the purpose for conducting this Part 150 Update?
     Yes = 34  No = 0  Not sure = 7  No Response = 0
   - Given you a better understanding of the Part 150 Update process?
     Yes = 33  No = 0  Not sure = 8  No Response = 0
   - Caused you to think positively about efforts to keep you informed?
     Yes = 26  No = 3  Not sure = 11  No Response = 1

4. Please rate the following general aspects of the workshop:
   Room Setup ..................................................... 1 0 7 15 18 0
   Day of the Week ............................................... 0 0 6 18 15 2
   Time of Day .................................................... 0 3 7 16 14 1
   Other: Eastwick PAC (rated 5)  People – very friendly (rated 5)
          Thanks for sandwiches (rated 5)  Publicity (rated 1)
(verbatim comments)

5. **What about today's workshop is different than you expected?**
   - I thought that I was coming to a presentation, rather than an open house... but that was ok because I could leave earlier and attend another commitment.
   - I expected a good turnout – people in Northern Delaware are concerned about existing and future increases in noise from low flying aircraft.
   - I had no expectations.
   - Received very helpful info explained understandably.
   - Large understandable displays and info.
   - Only 14 people from the neighborhood showed up.
   - I expected more of a turn out.
   - Someone seems to actually care.
   - Did not know what to expect.
   - I thought there would be a slideshow.
   - I expected to know more about when the changes to the homes that are going to be impacted where going to take place.
   - thought it would be more interactive panel type discussion.
   - Expected higher attendance.
   - Less of a crowd.
   - Not crowded.
   - Just sound.
   - Nothing (2).
   - No (2).
   - Yes.
   - N/A.

6. **Additional comments or recommendations.**
   - Publicity for meetings – You could take advantage of the mailing list the FAA has available for concerned citizens. Apparently most people were not adequately informed about this meeting. Good food offering!
   - Increase community notifications of meetings. (Many didn’t know about the meeting. )
   - Sandwich and cookies – excellent.
   - Age of planes – percent of new, percent of 2 years, percent 5 years and older.
   - Better community announcement and communication. Many residents had no knowledge of such meetings.
   - See you next week and in a couple of months.
   - Need to be notified sooner – was given flyer only two days ago.
   - Please give neighbors with flyers a week notice. I got mine two days ago. You would have more people with more notice. Thank you.
   - Thanks for the sandwiches.
   - I appreciate your coming into the community to keep us informed. Also glad to hear that an update of the NCP is being done.
   - Maybe have a FAA person here. Ha!
   - N/A
# Part 150 Noise Compatibility Program Update

## COMMUNITY WORKSHOP • SIGN-IN SHEET

**WEDNESDAY, NOVEMBER 14, 2007**

Mercy Wellness Center – Philadelphia, PA

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

## PLEASE PRINT.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert J Gaul</td>
<td>2801 Island Ave, PHL, PA 19153</td>
<td>215-685-4230</td>
<td><a href="mailto:Robert.Gaul@PHL.OEA">Robert.Gaul@PHL.OEA</a></td>
</tr>
<tr>
<td>Bill Hollow</td>
<td>7522 Dickens Road, PHL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helen Stewart</td>
<td>858 Lakeside Drive, 215-327-3781</td>
<td></td>
<td><a href="mailto:Anny161@Comcast.com">Anny161@Comcast.com</a></td>
</tr>
<tr>
<td>John Hansons</td>
<td>PHL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ted Pickett</td>
<td>7917 Buist Ave, 215-615-6021</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charles Cox</td>
<td>8405 Suffolk Pl.</td>
<td>215-915-6746</td>
<td></td>
</tr>
<tr>
<td>Dionne Dent</td>
<td>999 Taylor Ftd, 215-586-0194</td>
<td></td>
<td><a href="mailto:Dionne.Dent@va.gov">Dionne.Dent@va.gov</a></td>
</tr>
<tr>
<td>Patricia Young</td>
<td>2329 Meriden Ave, 215-921-4062</td>
<td></td>
<td><a href="mailto:Awesomeatra29@netscape.net">Awesomeatra29@netscape.net</a></td>
</tr>
<tr>
<td>Ted Behr</td>
<td>6638 Paschall Ave, 215-727-7777</td>
<td></td>
<td><a href="mailto:soumeister@comcast.net">soumeister@comcast.net</a></td>
</tr>
<tr>
<td>Joseph E Jones SR.</td>
<td>7525 Timberline Place, 215-492-9310</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PAI - 2007
### Part 150 Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

**WEDNESDAY, NOVEMBER 14, 2007**

Mercy Wellness Center – Philadelphia, PA

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theodore J. Shanks Sr.</td>
<td>8400 Safford Pl. 19153</td>
<td>215-365-3627</td>
<td></td>
</tr>
<tr>
<td>STELLA SCHINCHERINI</td>
<td>6421 Dicks Ave 19142</td>
<td>69359#7l</td>
<td></td>
</tr>
<tr>
<td>Marlon T. Cox</td>
<td>8485 South Rd. 19153</td>
<td>257-365-3746</td>
<td>MCX 67321 @ aol.com</td>
</tr>
<tr>
<td>Brenda Surkett</td>
<td>2752 3rd St. Duluth</td>
<td>610-237-9821</td>
<td><a href="mailto:bsyrkett@verizon.net">bsyrkett@verizon.net</a></td>
</tr>
<tr>
<td>Joe Warren</td>
<td>8509 EASTWICK PLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angela McNeil</td>
<td>2734 Plover St. 19153</td>
<td>215-779-3318</td>
<td><a href="mailto:am5268@aol.com">am5268@aol.com</a></td>
</tr>
<tr>
<td>Donald Stewart</td>
<td>8528 Lycooph 19153</td>
<td>215-937-0867</td>
<td></td>
</tr>
<tr>
<td>Al Jasper</td>
<td>7819 CHELWYNDE AVE. 25</td>
<td>215-937-0822</td>
<td></td>
</tr>
<tr>
<td>Durrell Lee-Walters</td>
<td>8034 CHELWYNDE AVE. 52</td>
<td>215-365-1683</td>
<td>Teils@1 Hospitals.com</td>
</tr>
<tr>
<td>Charles Isom</td>
<td>86027 PHC - Terminal E</td>
<td>215-937-6760</td>
<td></td>
</tr>
</tbody>
</table>
Part 150 Noise Compatibility Program Update
COMMUNITY WORKSHOP - SIGN-IN SHEET
WEDNESDAY, NOVEMBER 14, 2007
Mercy Wellness Center – Philadelphia, PA

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

PLEASE PRINT.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS Including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fred Allen</td>
<td>124 Orange St bt bet PA 1901</td>
<td>610-333-1201</td>
<td><a href="mailto:Freddy.Allen@slale.com">Freddy.Allen@slale.com</a></td>
</tr>
<tr>
<td>Margaret M. Gallagher</td>
<td>138 Cricket Ave, Ardmore</td>
<td>610-649-5105</td>
<td>NA</td>
</tr>
</tbody>
</table>

PAI - 2007
### Part 150 Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

**WEDNESDAY, NOVEMBER 7, 2007**
Crowne Plaza Hotel – Cherry Hill, NJ

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Phone No. with area code</th>
<th>E-Mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>DON WALLACE</td>
<td>840 FARMWOOD ROAD, Haddonfield, NJ 08033</td>
<td>856-857-9731</td>
<td><a href="mailto:CHANDWALLACE@AOL.COM">CHANDWALLACE@AOL.COM</a></td>
</tr>
<tr>
<td>ELLIOT UNGREN</td>
<td>201 WOOD AVE, Audubon, NJ 08106</td>
<td>856-266-3721</td>
<td></td>
</tr>
<tr>
<td>CHRISTINE RAPALLO</td>
<td>1304 PRINCESS RD, CHERRY HILL, NJ 08040</td>
<td>856-424-2031</td>
<td><a href="mailto:RHR4S@GMAIL.COM">RHR4S@GMAIL.COM</a></td>
</tr>
<tr>
<td>Paul O'Neill</td>
<td>830 Stokes Ave, Collingswood, NJ 08108</td>
<td>856-858-9680</td>
<td><a href="mailto:pauloneill3@comcast.net">pauloneill3@comcast.net</a></td>
</tr>
</tbody>
</table>
## Part 150 Noise Compatibility Program Update

### COMMUNITY WORKSHOP - SIGN-IN SHEET

THURSDAY, NOVEMBER 8, 2007
Claymont Community Center – Claymont, DE

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

### PLEASE PRINT.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>John R. Nielsen</td>
<td>1005 Oakfield Lane 19803 Wilmington</td>
<td>302-215-8421</td>
<td></td>
</tr>
<tr>
<td>Bobbie Geier (DelDOT)</td>
<td>800 Bay Rd. Dover DE 19903</td>
<td>802-760-2119</td>
<td><a href="mailto:roberta.geier@state.de.us">roberta.geier@state.de.us</a></td>
</tr>
<tr>
<td>Richard Fisher</td>
<td>5 Short Dr. Wilmington DE 19801</td>
<td>302-275-3799</td>
<td></td>
</tr>
<tr>
<td>Mike Jack</td>
<td>2 Simms Ct. 19720</td>
<td>856-589-0015</td>
<td><a href="mailto:mikrjeck@yahoo.com">mikrjeck@yahoo.com</a></td>
</tr>
<tr>
<td>Amy Pollock</td>
<td>1500 Upper Downs Ln</td>
<td>302-529-1261</td>
<td><a href="mailto:Apremodel@verizon.com">Apremodel@verizon.com</a></td>
</tr>
<tr>
<td>Julie Mitchell</td>
<td>10 Pincklite Ct. Claymont 19703</td>
<td>302-792-2270</td>
<td></td>
</tr>
<tr>
<td>Stephen Donato</td>
<td>2304 E. Regal Dr 19801</td>
<td>302-275-2176</td>
<td><a href="mailto:SDONATO@COMCAST.NET">SDONATO@COMCAST.NET</a></td>
</tr>
<tr>
<td>April Kelley</td>
<td>405 N. King St. 19801</td>
<td>984-0301</td>
<td><a href="mailto:A-JKelly@McCareter.com">A-JKelly@McCareter.com</a></td>
</tr>
</tbody>
</table>

PAI - 2007
## Part 150 Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**  
**THURSDAY, NOVEMBER 15, 2007**  
Paulsboro High School – Paulsboro, NJ

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS Including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frances DelVecchio</td>
<td>424 Mantua Ave, Paulsboro, 08066</td>
<td>856-423-2347</td>
<td><a href="mailto:Frank.delvecchio@verizon.net">Frank.delvecchio@verizon.net</a></td>
</tr>
<tr>
<td>Donald Suchoski</td>
<td>14 TAVESQUE Drive, Mantua, NJ 08055-1710</td>
<td>856-468-4628</td>
<td>suchoski.e @hotmail.com</td>
</tr>
<tr>
<td>Gemma White</td>
<td>11V. Poodle St, Dept. of Prague, 08096</td>
<td>856-857-3275</td>
<td><a href="mailto:Gwhite@co.columbia.com">Gwhite@co.columbia.com</a></td>
</tr>
<tr>
<td>Archie D. Roemmich</td>
<td>113 CEDAR AVE</td>
<td>856-423-3309</td>
<td></td>
</tr>
<tr>
<td>Leana C. Crowther</td>
<td>135 Kings Hwy, Dept. 400, Montclair, NJ 07042</td>
<td>856-251-9501</td>
<td>Crowther.c @njlegdistrict3.com</td>
</tr>
<tr>
<td>Alex McDermott</td>
<td>2222 Windward Dr, Northfield, NJ 08061</td>
<td>856-464-8298</td>
<td><a href="mailto:Alex.mcdermott@phly3pad.com">Alex.mcdermott@phly3pad.com</a></td>
</tr>
<tr>
<td>Ted Jecklin</td>
<td>633 Beacon Ave, Paulsboro, 08066</td>
<td>856-423-6882</td>
<td></td>
</tr>
<tr>
<td>Frank Schulte</td>
<td>208 White Horse Pike, Barington</td>
<td>856-757-5555</td>
<td><a href="mailto:Frank.schulte@menendez.senate.gov">Frank.schulte@menendez.senate.gov</a></td>
</tr>
</tbody>
</table>

PAI - 2007
Part 150 Noise Compatibility Program Update

COMMUNITY WORKSHOP - SIGN-IN SHEET

THURSDAY, NOVEMBER 15, 2007
Paulsboro High School - Paulsboro, NJ

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

PLEASE PRINT.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS Including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belinda Rose</td>
<td>148 Pendragon Way, Mandria NJ 08051</td>
<td>856-468-7319</td>
<td><a href="mailto:belinda.rose@verizon.net">belinda.rose@verizon.net</a></td>
</tr>
<tr>
<td>Glenn D. Roemhein</td>
<td>112 Cedar Ave, Paulsboro NJ 08066</td>
<td>856-483-3909</td>
<td>GBRA @ Aol. Com</td>
</tr>
<tr>
<td>Anthony del Vecchio</td>
<td>424 Marting Ave, Paulsboro</td>
<td>856-423-2343</td>
<td></td>
</tr>
<tr>
<td>Elaine Ronca</td>
<td>613 Beacon Ave, Paulsboro</td>
<td>807-423-6862</td>
<td><a href="mailto:elaine_ronca@yahoo.com">elaine_ronca@yahoo.com</a></td>
</tr>
<tr>
<td>James F. Howell</td>
<td>30 Spring Hill Rd, Manahawkin</td>
<td>856-468-8444</td>
<td></td>
</tr>
<tr>
<td>Michelle J. Pidliskey</td>
<td>572 Billings Ave, Paulsboro</td>
<td>y235743</td>
<td></td>
</tr>
<tr>
<td>ED Smink</td>
<td>245 Sally Moer Rd, Paulsboro</td>
<td>610-543-6838</td>
<td><a href="mailto:System.Designer@yahoo.com">System.Designer@yahoo.com</a></td>
</tr>
</tbody>
</table>

PAI - 2007
# Part 150 Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

**TUESDAY, NOVEMBER 20, 2007**

Tinicum School – Essington, PA

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS Including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Wunder</td>
<td>Essington PA 19029 808 Bartram</td>
<td>610-521-1815</td>
<td></td>
</tr>
<tr>
<td>Pat Hilscher</td>
<td>213 Seven Mile Ln</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brian Stief</td>
<td>333 Wana Maker Ave, Essington PA 19029</td>
<td>610-521-3984</td>
<td></td>
</tr>
<tr>
<td>Jean Mac Gregor</td>
<td>501 Jansen Ave, Essington</td>
<td>610-521-0188</td>
<td></td>
</tr>
<tr>
<td>Michael D. Burck</td>
<td>Lenox</td>
<td>610-521-0329</td>
<td></td>
</tr>
<tr>
<td>Samantha McDonald</td>
<td>419 Seven Mile St, Feaster, PA</td>
<td>610-515-2369</td>
<td></td>
</tr>
</tbody>
</table>

PAI - 2007
# Part 150 Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**  
**TUESDAY, NOVEMBER 20, 2007**  
Tinicum School – Essington, PA

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Simpkins</td>
<td>424 Seneca St, Lester PA</td>
<td>610-494-0708</td>
<td></td>
</tr>
<tr>
<td>Ann Marr</td>
<td>521 Palmyra Blvd, Deweyville, DE</td>
<td>610-521-1646</td>
<td>frank.marr@no dinners.com</td>
</tr>
<tr>
<td>Tom Shaffer</td>
<td>321 Emerald St, Pocomoke City</td>
<td>610-397-5274</td>
<td></td>
</tr>
<tr>
<td>Dennis A. Arthur</td>
<td>321 S Elmwood St, Lester PA 19029</td>
<td>610-521-5457</td>
<td><a href="mailto:deadbeat@comcast.net">deadbeat@comcast.net</a></td>
</tr>
<tr>
<td>Dawn Temple</td>
<td>218 Longview Ave, Essington, PA 19029</td>
<td>610-392-0904</td>
<td><a href="mailto:dawnick2007@yahoo.com">dawnick2007@yahoo.com</a></td>
</tr>
<tr>
<td>Pat McCarthy</td>
<td>638 School Ave, Essington, PA 19029</td>
<td>610-521-1176</td>
<td><a href="mailto:pat.carpetcuy@aol.com">pat.carpetcuy@aol.com</a></td>
</tr>
<tr>
<td>Chris Kelley</td>
<td>568 Sande Ave, Essington, PA 19029</td>
<td>610-521-5352</td>
<td><a href="mailto:ckelley1029@hotmail.com">ckelley1029@hotmail.com</a></td>
</tr>
<tr>
<td>Susan Embery</td>
<td>1005 3rd St, Essington, PA 19029</td>
<td>610-521-5656</td>
<td><a href="mailto:embery1005@aol.com">embery1005@aol.com</a></td>
</tr>
<tr>
<td>NAME</td>
<td>ADDRESS Including ZIP Code</td>
<td>PHONE NO. with area code</td>
<td>E-MAIL Address</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------------</td>
<td>---------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>J. McPherson</td>
<td>231 Saude Ave ES5 19029</td>
<td>215-820-8824</td>
<td><a href="mailto:philly11@comcast.net">philly11@comcast.net</a></td>
</tr>
<tr>
<td>Karen Kaski</td>
<td>135 Putten Ave ES5 19029</td>
<td>610-521-1540</td>
<td></td>
</tr>
<tr>
<td>Daniel King</td>
<td>43642 E Ave ES5 19029</td>
<td>610-772-5482</td>
<td></td>
</tr>
<tr>
<td>S. Whalen</td>
<td>500 Mildred Ave ES5 19029</td>
<td>610-623-8801</td>
<td><a href="mailto:swhalen@delcotimes.com">swhalen@delcotimes.com</a></td>
</tr>
<tr>
<td>Jack Fox</td>
<td>408 1600 Blvd ES5 19029</td>
<td>610-521-5742</td>
<td>hox <a href="mailto:823@comcast.com">823@comcast.com</a></td>
</tr>
<tr>
<td>Mike Messina</td>
<td>516 Sparrow Ave ES5 19029</td>
<td>610-531-5956</td>
<td></td>
</tr>
<tr>
<td>Paula E. Doyle</td>
<td>Daily Times</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michael Giorgis</td>
<td>1014 4th Ave W stro PA PA9</td>
<td>610-521-0991</td>
<td></td>
</tr>
<tr>
<td>John Hilscher</td>
<td>213 Seneca ST ES5 19029</td>
<td></td>
<td></td>
</tr>
<tr>
<td>William R. Wasch</td>
<td>103 Seneca ST ES5 19029</td>
<td>610-521-2630</td>
<td></td>
</tr>
</tbody>
</table>
Part 150 Noise Compatibility Program Update

COMMUNITY WORKSHOP
QUESTION/COMMENT FORM
Wednesday, November 7, 2007
Crowne Plaza Hotel – Cherry Hill, NJ

Please use this form to identify any additional questions, comments or concerns you may have regarding the Philadelphia International Airport Part 150 Noise Compatibility Program Update. You may also log on to www.phlpart150update.com and click on Send A Comment.

Thank You.

Name:__________________________________________________________
Address:_______________________________________________________
City/State/Zip Code:______________________________________________
(Area Code) Phone No.:___________________________________________
E-mail Address:__________________________________________________

QUESTION(S)/COMMENT(S):

________________________________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________

Please return this form in the drop box, or mail to: Part 150 Noise Compatibility Program Update, c/o Portfolio Associates, Inc. 510 Walnut Street, Suite 1411, Philadelphia, PA 19106 or fax to (215) 627-1994.

PAI 10/07
Part 150 Noise Compatibility Program Update

News Release

Contact: Phyllis Vanstendal
Government Affairs Manager
Telephone: 215-937-6946
Fax: 215-937-6854
E-mail: phyllis.vanstendal@phl.org

Community Workshops for the
Philadelphia International Airport Noise Compatibility Program Update

Philadelphia November 1, 2007- The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation Part 150 Noise Compatibility Program for the Philadelphia International Airport. The FAA approved the original study in May 2003. The original study documented the existing and future (5-year) noise impacts and recommended a variety of noise mitigation measures to assist with reducing the level of impact on the communities surrounding PHL. This study update will revisit and update the same information for the next five years, and evaluate the feasibility of recommending additional noise mitigation measures. The final report is scheduled to be submitted to the FAA by December 2008.

Public participation is a critical step throughout the Part 150 process. Opportunities include a series of community workshops that will be held throughout the study area, which includes parts of Pennsylvania, New Jersey and Delaware. These community workshops will have an open house format to provide opportunities for the public to share their perspectives and suggestions about noise mitigation alternatives, and to submit comments that will become part of the final report document.

All workshops will be held from 5:30 p.m. to 8:00 p.m. at the following locations:

- Wednesday, Nov. 7, 2007 - Crowne Plaza Hotel, 2349 W. Marlton Pike, Cherry Hill, NJ
- Thursday, Nov. 8, 2007 - Claymont Community Center, 3301 Green Street, Claymont, DE
- Wednesday, Nov. 14, 2007 - Mercy Wellness Center, 2821 Island Avenue, Philadelphia, PA
- Thursday, Nov. 15, 2007 - Paulsboro High School, 670 N. Delaware Street, Paulsboro NJ
- Tuesday, Nov. 20, 2007 - Tincum School, First & Seneca Streets, Essington, PA

The Philadelphia Airport System is owned and operated by the City of Philadelphia and is composed of Philadelphia International Airport and Northeast Philadelphia Airport. The Airport System is a self-sustaining entity that operates without the use of local tax dollars. It is one of the largest economic engines in Pennsylvania, generating an estimated $14 billion in spending to the regional economy and employing a workforce of nearly 34,000.

###
Part 150 Noise Compatibility Program Update
COMMUNITY WORKSHOP - EVALUATION FORM
Wednesday, November 7, 2007
Crowne Plaza Hotel – Cherry Hill, NJ

1. How did you hear about this workshop?
   □ Flyer □ Word-of-mouth □ Newspaper (name of paper): ___________________________

2. Please rate the following aspects of the workshop by circling a number for each item.

<table>
<thead>
<tr>
<th>poor</th>
<th>excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

   Registration .......................................................... 1 2 3 4 5
   Large boards on easels
   Graphics ................................................................. 1 2 3 4 5
   Text ................................................................. 1 2 3 4 5
   Information provided ............................................ 1 2 3 4 5
   Response to questions ........................................... 1 2 3 4 5

3. Has your involvement in today’s workshop...
   • Helped you understand the purpose for conducting this Part 150 Update?
     □ Yes □ No □ Not sure
   • Given you a better understanding of the Part 150 Update process?
     □ Yes □ No □ Not sure
   • Caused you to think positively about efforts to keep you informed?
     □ Yes □ No □ Not sure

4. Please rate the following general aspects of the workshop:

<table>
<thead>
<tr>
<th>poor</th>
<th>excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

   Room Setup ................................................................. 1 2 3 4 5
   Day of the Week .......................................................... 1 2 3 4 5
   Time of Day ................................................................. 1 2 3 4 5
   Other ........................................................................ 1 2 3 4 5
   (please specify)

5. What about today’s workshop is different than you expected?

6. Please write any additional comments or recommendations on the back of this form.

THANK YOU.
Community Workshops
November 7, 8, 14, 15, 20, 2007
Evaluation Summary

Please Rate the Following Specific Aspects of Today's Meeting:

- Registration
- Large Boards on Easels - Graphics
- Large Boards on Easels - Text
- Large Boards on Easels - Information Provided
- Large Boards on Easels - Response to Questions

Has Your Involvement in Today's Meeting...

- Helped you understand the purpose for conducting this Part 150 Update?
- Given you a better understanding of the Part 150 process?
- Caused you to think positively about efforts to keep you informed?

Please Rate the Following the General Aspects of Today's Meeting:

- Room Setup
- Day of the Week
- Time of Day

PAI 2/08
Part 150 Noise Compatibility Program Update

Community Workshops Round One

- Photographs -
Part 150 Noise Compatibility Program Update

LEGAL NOTICE

Philadelphia International Airport
Noise Compatibility Study Update
Community Workshops

Updating the Philadelphia International Airport
FAR Part 150 Noise Compatibility Program

The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation (FAR) Part 150 Noise Compatibility Study for the Philadelphia International Airport. These community workshops will be in an open house format to provide an opportunity for you to share your perspectives and suggestions about noise mitigation alternatives, and to submit comments that will become part of the final report document.

WED, Nov. 7, 2007
Crowne Plaza Hotel
2349 W. Marlton Pike
Cherry Hill, NJ

THU, Nov. 8, 2007
Claymont Community Center
3301 Green Street
Claymont, DE

TUE, Nov. 13, 2007
Tinicum School
First & Seneca Streets
Essington, PA

WED, Nov. 14, 2007
Mercy Wellness Center
2821 Island Avenue
Philadelphia, PA

THU, Nov. 15, 2007
Paulsboro High School
670 N. Delaware Street
Paulsboro, NJ

All meetings are from 5:30 to 8:00 PM.
STATE OF NEW JERSEY
CAMDEN COUNTY

OLGA VELEZ
of full age, being duly sworn, according to law, says that he/she is bookkeeper of the

COURIER-POST

and that a Notice, of which the annexed is a true copy, was published daily in the Courier-Post, a newspaper printed and published daily in the county of Camden, Burlington and Gloucester, State of New Jersey, once a

7th day of November A.D. 2007

[Signature]

Sworn and subscribed before me this 7th day of November A.D. 2007

BRANDON R. HAWKINS
Notary Public
State of New Jersey
My Commission Expires May 11, 2012

2010 090308CP
PORTFOLIO ASSOCIATES INC., 0001190785
510 WALNUT ST., SUITE 1141
Philadelphia PA 19106

Affidavit legal notices CP
Proof of Publication in The Philadelphia Inquirer
Under Act No 160, P.L. 877, July 9, 1976

STATE OF PENNSYLVANIA
COUNTY OF PHILADELPHIA

Anna Dickerson being duly sworn, deposes and says that The Philadelphia Inquirer is a daily newspaper published at Broad and Callowhill Streets, Philadelphia County, Pennsylvania, which was established in the year 1829, since which date said daily newspaper has been regularly published and distributed in said County, and that a copy of the printed notice of publication is attached hereto exactly as the same was printed and published in the regular editions and issues of said daily newspaper on the following dates:

October 31, 2007

Affiant further deposes and says that he is an employee of the publisher of said newspaper and has been authorized to verify the foregoing statement and that he is not interested in the subject matter of the aforesaid notice of publication, and that all allegations in the foregoing statement as to time, place and character of publication are true.

Anna Dickerson

Sworn to and subscribed before me this 31st day of October, 2007

Mary Anne Logan

My Commission Expires:

NOTARIAL SEAL
Mary Anne Logan, Notary Public
City of Philadelphia, Phila., County
My Commission Expires March 30, 2009
<table>
<thead>
<tr>
<th>Publication</th>
<th>Ad, Size</th>
<th>Ad Due</th>
<th>Pub date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southwest Philadelphia Review</td>
<td>PA Ad 4.9&quot; x 5.375&quot;</td>
<td>Fri 5/30</td>
<td>Fri 6/6</td>
</tr>
<tr>
<td>City of Philadelphia - Eastwick, South Philadelphia, and Center City neighborhoods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Philadelphia Review</td>
<td>PA Ad 4.9&quot; x 5.375&quot;</td>
<td>Fri 5/30</td>
<td>Thu 6/5</td>
</tr>
<tr>
<td>City of Philadelphia - Eastwick, South Philadelphia, and Center City neighborhoods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wilmington News Journal</td>
<td>DE Ad 3.75&quot; x 3&quot;</td>
<td>Mon 6/2</td>
<td>Thu 6/5</td>
</tr>
<tr>
<td>Philadelphia Daily News</td>
<td>PA Ad 6.056&quot; x 4&quot;</td>
<td>Fri 5/30</td>
<td>W-F 6/4-6</td>
</tr>
<tr>
<td>Courier-Post (Camden)</td>
<td>NJ Ad 4&quot; x 8&quot;</td>
<td>Mon 6/2</td>
<td>Thu 6/5</td>
</tr>
<tr>
<td>News of Delaware County</td>
<td>PA Ad 5.75&quot; x 10.25&quot;</td>
<td>Mon 6/2</td>
<td>Wed 6/4</td>
</tr>
<tr>
<td>Delaware County - Tinicum Township, Media, Swarthmore, Ridley Township, Ridley Park</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Main Line Times</td>
<td>PA Ad 5.75&quot; x 10.25&quot;</td>
<td>Mon 6/2</td>
<td>Thu 6/5</td>
</tr>
<tr>
<td>Montgomery County - Lower Merion Township</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Noise Compatibility Program Update

AIRPORT NOISE STUDY

• Open House setting
• View updated noise maps for Philadelphia International Airport
• Share your perspectives & suggestions
• Your comments will become part of the Final Report

The City of Philadelphia, Division of Aviation is updating the Noise Compatibility Study for Philadelphia International Airport.

Delaware location:

Thursday, June 19, 2008
Claymont Community Center
3301 Green Street
Claymont, DE

Open House is 6-8 PM
Stop by anytime

www.phlpart150update.com
Noise Compatibility Program Update

AIRPORT NOISE STUDY

- Open House setting
- View updated noise maps for Philadelphia International Airport
- Share your perspectives & suggestions
- Your comments will become part of the Final Report

The City of Philadelphia, Division of Aviation is updating the Noise Compatibility Study for Philadelphia International Airport.

2 locations to choose from:

**Wednesday, June 18, 2008**
Tinicum School
First & Seneca Streets
Essington, PA

**Wednesday, June 25, 2008**
Mercy Wellness Center
2821 Island Avenue
Philadelphia, PA

All Open Houses are from 6-8 PM
Stop by anytime
www.phlpart150update.com
Noise Compatibility Program Update

AIRPORT
NOISE STUDY

- Open House setting
- View updated noise maps for Philadelphia International Airport
- Share your perspectives & suggestions
- Your comments will become part of the Final Report

The City of Philadelphia, Division of Aviation is updating the Noise Compatibility Study for Philadelphia International Airport.

2 locations to choose from:

**Tuesday, June 17, 2008**
Paulsboro Volunteer Fire Association
1502 Swedesboro Avenue • Paulsboro, NJ

**Tuesday, June 24, 2008**
Cherry Hill Public Library
1100 Kings Hwy North • Cherry Hill, NJ

All Open Houses are from 6-8 PM
Stop by anytime

www.phlpart150update.com
Noise Compatibility Program Update

News Release – Changed Locations

Contact: Phyllis Vanlstendal
Government Affairs Manager
Telephone: 215-937-6946
Fax: 215-937-6854
E-mail: phyllis.vanistendal@phl.org

Airport Noise Community Workshops for Philadelphia International Airport Noise Compatibility Study Update

Philadelphia May 30, 2008 - The City of Philadelphia, Division of Aviation is holding airport noise community workshops from June 17 to 25. Attendees will see the updated noise maps for the Philadelphia International Airport and can share their perspectives and suggestions about noise mitigation alternatives. All comments submitted at these workshops will be included in the final report document for the update of the Noise Compatibility Study for the Philadelphia International Airport (PHL).

These community workshops will feature an open house format. Attendees can stop by at any time from 6:00 to 8:00 PM to review the information, ask questions and provide comments.

Changed Locations

- TUE, June 17, 2008, Paulsboro Volunteer Fire Association, 1502 Swedesboro Avenue, Paulsboro NJ
- WED, June 18, 2008, Tinicum School, First & Seneca Streets, Essington, PA
- THU, June 19, 2008, Claymont Community Center, 3301 Green Street, Claymont, DE
- TUE, June 24, 2008, Cherry Hill Public Library, 1100 Kings Hwy North, Cherry Hill, NJ
- WED, June 25, 2008, Mercy Wellness Center, 2821 Island Avenue, Philadelphia, PA

The FAA approved the original Noise Compatibility Study in May 2003. The original study documented the existing and future (5-year) noise impacts and recommended a variety of noise mitigation measures to assist with reducing the level of impact on the communities surrounding PHL. This study update will revisit and update the same information for the next five years, and evaluate the feasibility of recommending additional noise mitigation measures. The final report is scheduled to be submitted to the FAA by December 2008.

Philadelphia International Airport is owned and operated by the City of Philadelphia. The Airport is a self-sustaining entity that operates without the use of local tax dollars. It is one of the largest economic engines in Pennsylvania, generating an estimated $14 billion in spending to the regional economy and employing a workforce of nearly 34,000.
Visit the official Philadelphia International Airport website at http://www.phl.org

###
Noise Compatibility Program Update

What is an Airport Noise Compatibility Study?

➢ Voluntary program initiated by an airport.

➢ Tries to balance the needs of an airport with impacts on the surrounding communities.

➢ Originated out of the Aviation Safety and Noise Abatement Act of 1979, which established Federal Aviation Regulation (FAR) Part 150.

➢ Identifies existing and potential future (5-years) noise exposure on surrounding communities.

➢ Develops recommendations to reduce noise levels in communities surrounding an airport.

  ▪ Can be enacted by the airport, local municipalities, air carriers, and/or the FAA

➢ Establishes eligibility for Federal funding for implementation of approved recommended mitigation measures.
Noise Compatibility Program Update

1. Data Collection
   - Airport Operations
   - Aircraft Fleet Mix
   - Runway Utilization
   - Flight Tracks
   - Local Land Use
   - Base Mapping

2. Noise Exposure Maps
   - FAA's Integrated Noise Model
   - Existing and Forecast
   - Determine level of impacts

3. Noise Compatibility Program
   - Noise Abatement/Operational Measures
   - Land Use Mitigation Measures
   - Program Management Measures

4. Submittal to FAA
   - NEMs are accepted
   - 180 day NCP review period

The Noise Study Process

Study Initiation
Noise Compatibility Program Update

Why is this study being updated?

- The original study recommended that the NEMs and NCP be updated in five years
- PHL committed to update the NCP as a follow-up to the Runway 17/35 EIS
- The measure is being implemented since PHL has experienced, or is anticipated to experience, changes in:
  - Increase in Annual Aircraft Operations
    - 2003 – 448,176
    - 2006 – 515,869
    - 2010 – 559,000 (forecasted)
    - 2015 – 622,500 (forecasted)
  - Airfield Configuration
  - Airspace Design
Noise Compatibility Program Update

Single-Event Noise Metrics

Maximum Sound Level ($L_{\text{max}}$)

The highest sound level measured during a single event when the sound level changes over time.

Sound Exposure Level (SEL)

A metric that normalizes the total energy of a noise event to a 1-second duration.

Allows the addition of multi-events and calculation of average sound levels.
Noise Compatibility Program Update

Time Averaged Noise Metrics

Equivalent Sound Level (Leq)

Time-average of the total sound energy over a specified time period.

Day-Night Average Sound Level (DNL)

Similar to Leq for a 24-hour period with a 10-db weighting for nighttime events (10 PM to 7 AM).

Uses SEL as the single event metric.
Noise Compatibility Program Update

Development of Noise Exposure Maps

- Existing conditions NEM – 2007
- 5-Year Forecast NEM – 2013
- FAA’s Integrated Noise Model (INM)
  - INM is an average-value-model and is designed to estimate long-term average effects using average annual input conditions
  - INM utilizes data collected during the airport inventory portion of the study to generate the input files to produce:
    - Noise contours
    - Grid point calculations of predicted noise at specific sites such as hospitals, schools or other sensitive locations

<table>
<thead>
<tr>
<th>Model Input Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fleet Mix</td>
</tr>
<tr>
<td>Time of Day</td>
</tr>
<tr>
<td>Runway use</td>
</tr>
<tr>
<td>Flight track use</td>
</tr>
<tr>
<td>Stage Length</td>
</tr>
</tbody>
</table>
Noise Compatibility Program Update

What is DNL?

Single Event Noise Measurement

- Sound Exposure Level
- Apply Duration of Noise Event
- Measurement of each noise event (Take off or landing)
- Average Energy Level of single event (SEL) values

Cumulative Noise Exposure Measurement

- Account for the number of events
- Account for the nighttime penalty of 10 decibels
- Day/Night Average Sound Level
Noise Compatibility Program Update

Future Changes to the Airspace

New York/New Jersey/Philadelphia Airspace Redesign

➢ Project Purpose and Need:
  To increase the efficiency and reliability of the airspace structure and air traffic control system.

➢ Project Details:
  Modifications to airspace configuration and air traffic management procedures, consisting of the design, development, implementation, and use of new or modified Air Traffic Control (ATC) procedures and reconfigured airspace.

➢ Resulting changes at PHL that could affect existing noise exposure:
  Departure headings that differ from those used at PHL today.
Noise Compatibility Program Update

Changes in Airfield Configuration

Runway 17-35 Extension

Project Purpose and Need: To reduce current and projected airfield delays at PHL in the short-term

Project Details: 640 foot northerly extension, 400 foot southerly extension

Resulting Changes at PHL that could affect existing noise exposure:

A 6,500 foot Runway 17-35 can now accommodate regional jets and narrowbody jet aircraft.
Noise Compatibility Program Update

How Noise Contours are Generated

OUTPUT

- Noise Exposure Maps
  - Noise contours displaying the level of noise exposure on areas around the airport

- Tabular Reports
  - Size of noise contours and other relevant information

- Grid Point Analysis
  - Detailed noise analysis on specific location points around the airport

The FAA's Integrated Noise Model (INM)

- The INM database contains noise and performance data for over 100 different aircraft
- INM Version 7.0 is the most current version

INPUT

- Airport Information
  - Runway, length, width, temperature, and humidity

- Aircraft operational data
  - Type of aircraft, number, and type of operations, time of day, length of trip

- Flight Track Data
  - Location of flight tracks, runway/track usage rates, departure climb profiles

Noise Compatibility Program Update

How Noise Contours are Generated

OUTPUT

- Noise Exposure Maps
  - Noise contours displaying the level of noise exposure on areas around the airport

- Tabular Reports
  - Size of noise contours and other relevant information

- Grid Point Analysis
  - Detailed noise analysis on specific location points around the airport

The FAA's Integrated Noise Model (INM)

- The INM database contains noise and performance data for over 100 different aircraft
- INM Version 7.0 is the most current version

INPUT

- Airport Information
  - Runway, length, width, temperature, and humidity

- Aircraft operational data
  - Type of aircraft, number, and type of operations, time of day, length of trip

- Flight Track Data
  - Location of flight tracks, runway/track usage rates, departure climb profiles
Noise Compatibility Program Update

Noise Mitigation Alternatives

Noise Mitigation Alternatives will be based on the Future Contour

Three Types of Noise Mitigation Alternatives:

- Noise Abatement / Operational Measures
- Land Use Measures
- Program Management Measures
Noise Compatibility Program Update

Noise Mitigation Alternatives

Noise Abatement /Operational Measures

- These measures address aircraft and airport noise at the source
- General Examples of this type include:
  - Changes in runway or flight track use
  - Changes in flight track location
  - Modifications to aircraft performance
- PHL Example (from existing Program):
  - Aircraft weighing 12,500 pounds or more departing Runways 9L/9R/17/35/8 fly runway heading until reaching 2,000 feet above ground level
Noise Compatibility Program Update

Noise Mitigation Alternatives

Land Use Measures

➢ These measures prevent the introduction of additional noise sensitive land uses within existing and future airport noise contours.

➢ Examples of this type include:
  - Zoning regulations
  - Building codes
  - Real estate disclosures
  - Sound insulation programs

➢ PHL Example (from existing Program):
  - Develop and implement a residential sound insulation program
## Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**  
**TUESDAY, JUNE 17, 2008**  
Paulsboro Volunteer Fire Association – Paulsboro, NJ

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS Including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>EMAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joan Litz</td>
<td>207 Huff Avenue, Paulsboro</td>
<td>(856) 423-4876</td>
<td><a href="mailto:jmjili@verizon.net">jmjili@verizon.net</a></td>
</tr>
<tr>
<td>Tony Mannino</td>
<td>630 Service Rd, PA</td>
<td>600-544-7301</td>
<td><a href="mailto:amannino@farhouse.net">amannino@farhouse.net</a></td>
</tr>
<tr>
<td>Erna McCourty</td>
<td>44 w masonic st, Paulsboro</td>
<td>(856) 433-3189</td>
<td><a href="mailto:scovancourty@hotmail.com">scovancourty@hotmail.com</a></td>
</tr>
<tr>
<td>Michael Mattal</td>
<td>2 Howard Dr 08003</td>
<td>856 350-3922</td>
<td></td>
</tr>
<tr>
<td>Alex McDoanha</td>
<td>106 Vanguard Dr 08001</td>
<td>356-446-8978</td>
<td>alex@<a href="mailto:doanha@phillyphar.com">doanha@phillyphar.com</a></td>
</tr>
<tr>
<td>Glenn D. Roehnuh</td>
<td>112 Cedar Ave 08006</td>
<td>(856) 423-3909</td>
<td>GBFA &amp; 451 Co.</td>
</tr>
<tr>
<td>Michael Kichmey</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jon Collette</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

*PA1 - 2008*
# Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

**WEDNESDAY, JUNE 18, 2008**  
Timlenn School - Essington, PA

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christina Altmeier</td>
<td>1003 3rd Ave. Lester, PA</td>
<td>610-521-3140</td>
<td></td>
</tr>
<tr>
<td>Stefan Altmeier</td>
<td>1003 3rd Ave. Lester, PA</td>
<td>610-521-3140</td>
<td></td>
</tr>
<tr>
<td>Mary Ellen Cavanagh</td>
<td>410 Frequent St. 19029</td>
<td>610-521-1166</td>
<td></td>
</tr>
<tr>
<td>Lou Teodoro</td>
<td>634 Stockton Circle, 19029</td>
<td>610-361-1290</td>
<td><a href="mailto:gailb1018@yahoo.com">gailb1018@yahoo.com</a></td>
</tr>
<tr>
<td>Gail Burgess</td>
<td>303 Paul Lane, 19029</td>
<td>610-521-3812</td>
<td></td>
</tr>
<tr>
<td>Joseph Anderson</td>
<td>433 Poehlton Rd. Lester, PA</td>
<td>610-521-3812</td>
<td></td>
</tr>
<tr>
<td>June Moffa</td>
<td>411 Hillside Rd. Ridley, PA</td>
<td>610-521-8218</td>
<td></td>
</tr>
<tr>
<td>Bryan Lentz</td>
<td>601 Frank Rd. Springford</td>
<td>610-514-7801</td>
<td></td>
</tr>
<tr>
<td>Susan Embert</td>
<td>1005 3rd Ave. Lester, PA</td>
<td>610-521-5650</td>
<td><a href="mailto:embert1005@aim.com">embert1005@aim.com</a></td>
</tr>
</tbody>
</table>

PAI - 2008
# Noise Compatibility Program Update

## Community Workshop - Sign-In Sheet

**Wednesday, June 18, 2008**

Trincum School – Essington, PA

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

### Table of Participants

<table>
<thead>
<tr>
<th>Name</th>
<th>Address Including ZIP Code</th>
<th>Phone No. with Area Code</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nick Mccawell</td>
<td>206 W Rollie Ave 19019</td>
<td>610-534-1002</td>
<td>Nick.Mccawell@gmail</td>
</tr>
<tr>
<td>Edith Fierro</td>
<td>283 Canoe Ave 19019</td>
<td>610-521-319</td>
<td></td>
</tr>
<tr>
<td>Audie Erazani</td>
<td>109 S 6000 E 19029</td>
<td>215-766-0909</td>
<td><a href="mailto:Erazani1@comcast.net">Erazani1@comcast.net</a></td>
</tr>
<tr>
<td>Chuck &amp; Tammy Hudson</td>
<td>134 Putian Ave, Essington, PA 19029</td>
<td>610-521-1429</td>
<td></td>
</tr>
<tr>
<td>Stephen J. Keeney</td>
<td>101 Baldwin Ave 19018</td>
<td>610-521-3166</td>
<td></td>
</tr>
<tr>
<td>Evelyn Vermei</td>
<td>279 Byrne Lane 19018</td>
<td>609-668-6411</td>
<td></td>
</tr>
<tr>
<td>Tom Tomczak</td>
<td>Pawnee D.O. Bureau of Aeronautics</td>
<td>717-715-12v0</td>
<td><a href="mailto:Tom.Tomczak@pa.gov">Tom.Tomczak@pa.gov</a></td>
</tr>
<tr>
<td>David McCain</td>
<td>P.O. Box 411 Essington, PA 19019</td>
<td>610-476-8163</td>
<td><a href="mailto:David.McCain@comcast.com">David.McCain@comcast.com</a></td>
</tr>
<tr>
<td>Thomas Foy</td>
<td>210 Romaine St. Chester, PA 19029</td>
<td>610-266-6577</td>
<td><a href="mailto:Thomas.Foy@AeroSonic.Living.com">Thomas.Foy@AeroSonic.Living.com</a></td>
</tr>
</tbody>
</table>
**Noise Compatibility Program Update**

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

**WEDNESDAY, JUNE 18, 2008**

**Trincum School - Essington, PA**

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Navickas</td>
<td>626 8TH AVE PARS 19046</td>
<td>610-534-4579</td>
<td></td>
</tr>
<tr>
<td>Thomas J. Glessner</td>
<td>29 Acres Dr, Ridley Pa, 19072</td>
<td>610-534-2425</td>
<td><a href="mailto:GlesSner@AOL.com">GlesSner@AOL.com</a></td>
</tr>
<tr>
<td>Steven T. Hines</td>
<td>553 Saude Ave PA 19006</td>
<td>610-591-4955</td>
<td></td>
</tr>
<tr>
<td>Jim Pentimalli</td>
<td>610 Shipley Circle 19034</td>
<td>610-532-1983</td>
<td><a href="mailto:Pentimalli@comcast.net">Pentimalli@comcast.net</a></td>
</tr>
<tr>
<td>Gary Paul</td>
<td>313 Seminole St, Lester 19049</td>
<td>610-531-1496</td>
<td><a href="mailto:Bandleady313@net.com">Bandleady313@net.com</a></td>
</tr>
<tr>
<td>DAVE HAHN</td>
<td>240 MRRUN ST</td>
<td>610-534-0570</td>
<td><a href="mailto:DAVEHAHN@RCN.COM">DAVEHAHN@RCN.COM</a></td>
</tr>
<tr>
<td>Deborah Engel</td>
<td>144 Powhattan Ave, Lester 610-521-0657</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. Charles Brown</td>
<td>600 Sheep Ave, Glenmore 610-534-4395</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PAI - 2008**
# Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

**Wednesday, June 18, 2008**

Tinicum School – Essington, PA

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

### Please Print

<table>
<thead>
<tr>
<th>Name</th>
<th>Address including ZIP Code</th>
<th>Phone No. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethel Silvack</td>
<td>315 Mohican St, LESTER PA</td>
<td>610-521-3853</td>
<td></td>
</tr>
<tr>
<td>John E. Wagner</td>
<td>432 Francis St, LESTER PA</td>
<td>610-521-0849</td>
<td></td>
</tr>
<tr>
<td>Tom Monahan</td>
<td>325 Lagrange Ave, 19009</td>
<td>610-809-5557</td>
<td></td>
</tr>
<tr>
<td>Pat Rager</td>
<td>832 Mohican St, LESTER</td>
<td>610-521-1105</td>
<td></td>
</tr>
<tr>
<td>Joe Wunder</td>
<td>308 Bartram</td>
<td>610-521-1815</td>
<td></td>
</tr>
<tr>
<td>Barbara Wayne Moore</td>
<td>130 Argus Ave, Essington</td>
<td>610-521-2827</td>
<td></td>
</tr>
<tr>
<td>Steve Thilker</td>
<td>315 Chippewa St, LESTER</td>
<td>610-521-1251</td>
<td></td>
</tr>
<tr>
<td>Linda Bernauer</td>
<td>871 Potomac Ave, LESTER</td>
<td>610-534-0111</td>
<td></td>
</tr>
</tbody>
</table>

PAI - 2008
### Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

**WEDNESDAY, JUNE 18, 2008**

Tinicum School - Essington, PA

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bob &amp; Linda Ness</td>
<td>220 PHOTOZ 19053</td>
<td>609-521-2253</td>
<td><a href="mailto:lindenued@hotmail.com">lindenued@hotmail.com</a></td>
</tr>
<tr>
<td>Chris Host</td>
<td>5 Single Lane, Wallington PA 610-585-4377</td>
<td></td>
<td><a href="mailto:chris@verizon.net">chris@verizon.net</a></td>
</tr>
</tbody>
</table>

---

PAI - 2006
# Noise Compatibility Program Update

## Community Workshop - Sign-in Sheet

**Thursday, June 19, 2008**

Claymont Community Center - Claymont, DE

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

**Please Print.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address Including ZIP Code</th>
<th>Phone No. with Area Code</th>
<th>E-Mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peter Rykov</td>
<td>17 3rd Ave Claymont 19703</td>
<td>(502) 873-7857</td>
<td><a href="mailto:Peterrykov@verizon.net">Peterrykov@verizon.net</a></td>
</tr>
<tr>
<td>Michele Owens</td>
<td>122 N. 10th St. Philadelphia 19107</td>
<td>(215) 300-6800</td>
<td><a href="mailto:micowens@hotmail.com">micowens@hotmail.com</a></td>
</tr>
<tr>
<td>Adam Zare</td>
<td>Community News 6000 LIRR Rd. 19702</td>
<td>(302) 239-0213</td>
<td><a href="mailto:azanese@communitynews.com">azanese@communitynews.com</a></td>
</tr>
<tr>
<td>LeRoy Pfenner</td>
<td>58 E. 1st Ave Claymont 19703</td>
<td>(302) 478-5115</td>
<td></td>
</tr>
<tr>
<td>Mildred Mahan</td>
<td>94 Sovereign Ave 19708</td>
<td>302-575-6639</td>
<td><a href="mailto:Mickey439@aim.com">Mickey439@aim.com</a></td>
</tr>
<tr>
<td>Peter W. Meyer</td>
<td>101 E 40th St Milford 19812</td>
<td>302-575-6575</td>
<td><a href="mailto:Meyersonco@msn.com">Meyersonco@msn.com</a></td>
</tr>
<tr>
<td>Antonio Morris</td>
<td>1104 N. Overhill St. Wilmington DE 19810</td>
<td>302-575-6575</td>
<td></td>
</tr>
<tr>
<td>Stephanie Donato</td>
<td>2301 Eastern Ave Wilmington DE 19810</td>
<td>475-2154</td>
<td><a href="mailto:sdonato@comcast.net">sdonato@comcast.net</a></td>
</tr>
</tbody>
</table>
# Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**
**THURSDAY, JUNE 19, 2008**
Claymont Community Center - Claymont, DE

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

### PLEASE PRINT.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS Including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amy Pollock</td>
<td>1500 Uson Dr., Wilm., 19950</td>
<td>302-529-1241</td>
<td><a href="mailto:apremodel@verizon.net">apremodel@verizon.net</a></td>
</tr>
<tr>
<td>Summer Hanley</td>
<td>8 Short Dr.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>George Losse</td>
<td>14 Franklin Ave., Claymont</td>
<td>302-792-2272</td>
<td><a href="mailto:losse@verizon.net">losse@verizon.net</a></td>
</tr>
<tr>
<td>Dena Mitnik</td>
<td>10 Franklin Ave., Claymont</td>
<td>302-792-2272</td>
<td><a href="mailto:jm@spatechnology.net">jm@spatechnology.net</a></td>
</tr>
<tr>
<td>Dee Wildin</td>
<td>G, Sherman Dr.</td>
<td>718-0487</td>
<td><a href="mailto:peoplefirst1@verizon.net">peoplefirst1@verizon.net</a></td>
</tr>
</tbody>
</table>

---

(Best 1970)

PAI - 2008
# Noise Compatibility Program Update

## COMMUNITY WORKSHOP - SIGN-IN SHEET

Tuesday, June 24, 2008
Cherry Hill Public Library - Cherry Hill, NJ

Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.

### PLEASE PRINT.

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texane Shinn</td>
<td>10 White Oak CH 08034</td>
<td>215-971-9436</td>
<td><a href="mailto:RShinn@verizon.net">RShinn@verizon.net</a></td>
</tr>
<tr>
<td>Tannam Kim</td>
<td>6027 W. Broadpark Dr. Cherry Hill 08035</td>
<td>215-971-9436</td>
<td><a href="mailto:tannamkim@comcast.net">tannamkim@comcast.net</a></td>
</tr>
<tr>
<td>William Waters</td>
<td>801 Mercer St. Cherry Hill 08034</td>
<td>856-456-3039</td>
<td><a href="mailto:williamwaters@hotmail.com">williamwaters@hotmail.com</a></td>
</tr>
<tr>
<td>Bill Allen</td>
<td>10 Overington Ave. Cherry Hill 08034</td>
<td></td>
<td><a href="mailto:WPALEN@verizon.net">WPALEN@verizon.net</a></td>
</tr>
<tr>
<td>Greg Bruno</td>
<td>107 W. Miami Ave. Cherry Hill 08034</td>
<td>856-260-4500</td>
<td><a href="mailto:GABRUNO@comcast.net">GABRUNO@comcast.net</a></td>
</tr>
<tr>
<td>Thomas Guiguet</td>
<td>1112 Wacker Ave. Cherry Hill 08034</td>
<td>856-377-8296</td>
<td><a href="mailto:TOMUSA5@HOTMAIL.COM">TOMUSA5@HOTMAIL.COM</a></td>
</tr>
<tr>
<td>Er. Carr Everbach</td>
<td>212 Davion Dr. Cherry Hill 08034</td>
<td>610-323-8574</td>
<td><a href="mailto:CVEVERBA@comcast.net">CVEVERBA@comcast.net</a></td>
</tr>
<tr>
<td>Joan D. Rosen</td>
<td>444444 Rd. CH 08034</td>
<td>CHIVS</td>
<td><a href="mailto:LKers76@Verizon.net">LKers76@Verizon.net</a></td>
</tr>
<tr>
<td>Chris Raffets</td>
<td>1304 Cherry Hill Rd. CH 08034</td>
<td>852-431-2076</td>
<td><a href="mailto:CHRISR4@GMAIL.COM">CHRISR4@GMAIL.COM</a></td>
</tr>
</tbody>
</table>

PAI - 2008
## Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

TUESDAY, JUNE 24, 2008  
Cherry Hill Public Library - Cherry Hill, NJ

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Shinn</td>
<td>10 White Oak Ct. 08034</td>
<td>(856) 428-8672</td>
<td><a href="mailto:bob.shinn@gmail.com">bob.shinn@gmail.com</a></td>
</tr>
<tr>
<td>Yolanda Lorente</td>
<td>917 Edgemoor Rd. Cherry Hill, NJ 08034</td>
<td>(856) 795-3603</td>
<td><a href="mailto:ylorene@gmail.com">ylorene@gmail.com</a></td>
</tr>
<tr>
<td>Jeff Tubello</td>
<td>314 Europa Ct. Cherry Hill, NJ 08003</td>
<td>(856) 489-9409</td>
<td><a href="mailto:jeff.tubello@phl.org">jeff.tubello@phl.org</a></td>
</tr>
<tr>
<td>Shirley Brenner</td>
<td>517 Holmen Rd. Cherry Hill, NJ 08003</td>
<td></td>
<td><a href="mailto:omc1@swip.net">omc1@swip.net</a></td>
</tr>
<tr>
<td>Dan Lowenberg</td>
<td>100 West Ave. Cherry Hill, NJ 08002</td>
<td>(856) 662-9006</td>
<td><a href="mailto:dalpenj@comcast.net">dalpenj@comcast.net</a></td>
</tr>
</tbody>
</table>
# Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

**WEDNESDAY, JUNE 25, 2008**
Mercy Wellness Center - Philadelphia, PA

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eileen Manning</td>
<td>540 W. Woodland Ave SPRINGFIELD IL 62267</td>
<td>618-528-2289</td>
<td><a href="mailto:EJpnRKm@Aol.com">EJpnRKm@Aol.com</a></td>
</tr>
<tr>
<td>Greg Berend</td>
<td>4830 3rd St, Philadelphia, PA</td>
<td>215-691-1996</td>
<td><a href="mailto:jberen@curril.com">jberen@curril.com</a></td>
</tr>
<tr>
<td>Barbara Valentine</td>
<td>3633 Bust Ave, Philadelphia, PA</td>
<td>215-365-8589</td>
<td><a href="mailto:valentine.phl@Aol.com">valentine.phl@Aol.com</a></td>
</tr>
<tr>
<td>Malin McAlla</td>
<td>12th &amp; Porter St, Philadelphia, PA</td>
<td>215-386-5000 1/217</td>
<td><a href="mailto:Cmcalla@Southphillyreview.com">Cmcalla@Southphillyreview.com</a></td>
</tr>
<tr>
<td>Emily Haershaw</td>
<td>2752 Grove St, Philadelphia, PA</td>
<td>215 365 1661</td>
<td></td>
</tr>
<tr>
<td>Bob Tartala</td>
<td>209 Watson Rd, Philadelphia, PA</td>
<td>610 583 3995</td>
<td></td>
</tr>
<tr>
<td>Shirley Alqim</td>
<td>8618 Lindbergh Blvd, Philadelphia, PA</td>
<td>215 365 6179</td>
<td></td>
</tr>
<tr>
<td>Gt. Rohsen</td>
<td>7362 North Gate Dr, Philadelphia, PA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tom Shaffer</td>
<td>601 3rd St, Atlantic City, NJ</td>
<td>610 596 5517</td>
<td>shaffer@<a href="mailto:redkowse@pennspine.com">redkowse@pennspine.com</a></td>
</tr>
</tbody>
</table>

PA1 - 2008
# Noise Compatibility Program Update

**COMMUNITY WORKSHOP - SIGN-IN SHEET**

WEDNESDAY, JUNE 25, 2008  
Mercy Wellness Center - Philadelphia, PA

*Photographs will be taken at this meeting, which may be used in reports or advertising. If you do not wish your image to be used please turn when you see the photographer.*

**PLEASE PRINT.**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS including ZIP CODE</th>
<th>PHONE NO. with area code</th>
<th>E-MAIL Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOUIS ATTWOOD</td>
<td>8603 Lindbergh Blvd.</td>
<td>(315) 365-4496</td>
<td>Henu - ?? ??</td>
</tr>
<tr>
<td>Howard L. Jordan</td>
<td>900 Burt Avenue</td>
<td>(973) 705-4312</td>
<td></td>
</tr>
<tr>
<td>Nancy Teedale</td>
<td>209 Homestead Rd.</td>
<td>(610) 583-3948</td>
<td></td>
</tr>
<tr>
<td>Tina Hartman</td>
<td>7906 Carson Road</td>
<td>(334) 565-8441</td>
<td></td>
</tr>
<tr>
<td>Patricia Heyman</td>
<td>804 Longfellow Rd.</td>
<td>(203) 365-4817</td>
<td></td>
</tr>
<tr>
<td>Elaine McEvedy</td>
<td>850 Towne Road</td>
<td>(215) 987-0867</td>
<td></td>
</tr>
<tr>
<td>JANE DUFFY</td>
<td>709 Blakely Rd. Willingford</td>
<td>(610) 872-8241</td>
<td></td>
</tr>
<tr>
<td>Susan Roland</td>
<td>1218 Eakin Rd.</td>
<td>(610) 493-8766</td>
<td></td>
</tr>
</tbody>
</table>

PAI - 2008
Noise Compatibility Program Update

COMMUNITY WORKSHOP
QUESTION/COMMENT FORM
Wednesday, June 25, 2008
Mercy Wellness Center – Philadelphia, PA

Please use this form to identify any additional questions, comments or concerns you may have regarding the Philadelphia International Airport Noise Compatibility Program Update.
Thank You.

Name: ____________________________
Address: ____________________________
City/State/Zip Code: ____________________________
(Area Code) Phone No.: ____________________________
E-mail Address: ____________________________

QUESTION(S)/COMMENT(S):

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Please return this form in the drop box, or mail to: Noise Compatibility Program Update, c/o Portfolio Associates, Inc. 510 Walnut Street, Suite 1411, Philadelphia, PA 19106 or fax to (215) 627-1944.
Noise Compatibility Program Update

COMMUNITY WORKSHOP - EVALUATION FORM
Wednesday, June 25, 2008
Mercy Wellness Center, PA

1. How did you hear about this workshop?
   □ Flyer  □ Word-of-mouth  □ Newspaper (name of paper): __________
   □ Other (please identify): ___________________________________________________________________

2. Please rate the following aspects of the workshop by circling a number for each item.

   poor                      excellent

   Large boards on easels
   Graphics ................................................................. 2 3 4 5
   Text ................................................................. 1 2 3 4 5
   Information provided ............................................... 1 2 3 4 5
   Response to questions .............................................. 1 2 3 4 5

3. Has your involvement in today’s workshop...
   • Given you a better understanding of the Noise Compatibility Program?
     □ Yes  □ No  □ Not sure
   • Helped you feel you know what to expect?
     □ Yes  □ No  □ Not sure
   • Caused you to think positively about efforts to keep you informed?
     □ Yes  □ No  □ Not sure

4. Please rate the following general aspects of the workshop:
   Room Setup ............................................................. 1 2 3 4 5
   Day of the Week .......................................................... 1 2 3 4 5
   Time of Day .............................................................. 1 2 3 4 5
   Other _________________________________________________ 1 2 3 4 5
   (please specify)

5. What about today’s workshop is different than you expected?

     Have you completed the other side of this evaluation?
6. Please write any additional suggestions, comments or recommendations on the noise mitigation alternatives that you think the Noise Compatibility Program Update should consider.

A. Noise Abatement/Operational Alternatives:
(Example of this type include: Runway Use and Flight Procedures; Airport Facilities Development; Restrictions and Curfews)


B. Land Use Mitigation Alternatives:
(Examples of this type include: Sound Insulation Programs; Zoning/Building Code Development; Real Estate Disclosure; etc.)


C. Program Management Alternatives:
(Examples of this type include: Airport Noise Office; Airport Noise Monitoring Systems; Update the Noise Compatibility Program; etc.)


THANK YOU.
Part 150 Noise Compatibility Program Update

COMMUNITY WORKSHOPS – EVALUATION FORMS SUMMARY

WORKSHOP DATES: June 17th, 18th, 19th, 24th, and 25th

Total No. of Attendees = 125
Total No. of Evaluations Received 49 = (39%)
NR = No Response

Note: The numbers under the 1-5 ratings below represent the total number of people who indicated each rating. For example in question 2, 22 people rated Graphics a “5”.

1. How did you hear about this workshop?
   14 Other:
     3 email
     2 Borough of Ridley Park Council meeting
     1 member of fire co.
     1 email/letter from Bryan Lentz
     1 coworker
     1 Rep. Sestak
     1 PAAirline.net
     1 walk by
     1 mailing
     1 PAC meeting
     1 Mercy Wellness gym

   18 Flyer
   12 Word-of-mouth
   8 Newspaper:
     2 Daily Times
     2 Town Talk
     1 Swarthmorean
     1 Phila. Daily News
     1 Courier Post
     1 Unidentified

2. Please rate the following aspects of the workshop by circling a number for each item.

<table>
<thead>
<tr>
<th>Aspect</th>
<th>poor</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>NR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large boards on easels</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graphics</td>
<td>0</td>
<td>7</td>
<td>16</td>
<td>22</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Text</td>
<td>0</td>
<td>1</td>
<td>13</td>
<td>20</td>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>Information provided</td>
<td>1</td>
<td>6</td>
<td>6</td>
<td>16</td>
<td>16</td>
<td>4</td>
</tr>
<tr>
<td>Response to questions</td>
<td>1</td>
<td>1</td>
<td>6</td>
<td>11</td>
<td>26</td>
<td>4</td>
</tr>
</tbody>
</table>

3. Has your involvement in today’s workshop...
   • Given you a better understanding of the Noise Compatibility Program?
     Yes = 33   No = 9   Not sure = 6
     No Response = 1
   • Helped you feel you know what to expect?
     Yes = 26   No = 13  Not sure = 9
     No Response = 1
   • Caused you to think positively about efforts to keep you informed?
     Yes = 28   No = 10  Not sure = 9
     No Response = 2

4. Please rate the following general aspects of the workshop:

<table>
<thead>
<tr>
<th>Aspect</th>
<th>poor</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>NR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room Setup</td>
<td>1</td>
<td>0</td>
<td>11</td>
<td>15</td>
<td>19</td>
<td>3</td>
</tr>
<tr>
<td>Day of the Week</td>
<td>1</td>
<td>1</td>
<td>15</td>
<td>12</td>
<td>16</td>
<td>4</td>
</tr>
<tr>
<td>Time of Day</td>
<td>1</td>
<td>2</td>
<td>6</td>
<td>17</td>
<td>19</td>
<td>4</td>
</tr>
</tbody>
</table>
Other: Number of people to explain charts (rated 5) • no updated information (rated 1) •
self guided tour left it entirely up to each individual to interpret text, chart & graphs (rated 2)
• food (rated 5)

Verbatim Comments

5. What about today’s workshop is different than you expected?
   • Less people attended.
   • Project not clear from reading the easels. Needed to ask questions to understand.
   • The future plans that will affect my area.
   • The informal atmosphere and the ability to have my questions answered on a one to one
     basis. This was extremely helpful and informative.
   • Nothing.
   • I expected to have someone look at my individual property – or give me the name of a
     person to talk to – outside of this meeting setting. This did not happen.
   • Most of the info was moot as studies were done before the FAA redesign was
     implemented. Only one chart useful – future noise map predictions.
   • The turnout. I expected more people to be here.
   • The people present to answer questions were very helpful and did their best to answer all
     of my questions.
   • Came in late – not sure what I missed.
   • Very well detailed and manned very well. Good answers to all questions.
   • Did not expect to be given homework. Will read fact sheet at home.
   • The information was too technical and the graphics were not easy to understand even
     with explanations from the staff.
   • I expected a more up to date information workshop.
   • OK – update data.
   • No big lecture to be late for. Relaxed atmosphere. Didn’t feel as though I had to stay late
     or as though I missed something.
   • Didn’t expect food. Did expect ambiguity.
   • I was expecting a presentation.
   • Expected people to actually explain what’s going on.
   • No speaker – just posters.
   • You finally included DE on the maps you presented to us. Yeah.
   • Nothing is different. It’s the same old garbage we are getting.
   • Nothing – same old stuff – same old averages which are irrelevant.
   • Direct conversation rather than a formal canned presentation.
   • Personal attention from high level airport officials.
   • Did not know what to expect.
   • I thought there would be a more formal informational segment followed by Q&A.
   • Very comfortably informal.
   • Nothing of note.
   • Yes it was extremely helpful. I have a better understanding of what to happen in the
     nearest future.
   • It was better – representatives were very knowledgeable and explained without
     hesitation.
   • To see the flight paths of planes over my employment in the future years when the new
     North/South runway is completed.
   • N/A.
   • No.
6. Additional suggestions, comments or recommendations on the noise mitigation alternatives that you think the Noise Compatibility Program Update should consider.

- No Comments.
- Allowance of ATC & pilots to “turn right” after departing 27L should be limited to weather and emergencies only.
- No aircraft should be allowed to turn right after departing 27L until passing 476 – but this happens frequently without justification.
- Aircraft violating right turn (premature over Del. Co.) should be fined and fees collected to local municipal coffers/budgets.
- Changes in Wallingford-Rose Valley since 1/08. Data does not reflect accurately what are experiencing in Wallingford (19086) since 1/08.
- You should consider flights taking off, should stay over the river until they hit a higher altitude before banking over homes.
- Start with the current state of things, post FAA redesign.
- Re: Given you a better understanding of the Noise Compatibility Program – I don’t need to understand your program – I just need you to be quiet.
- I would like to see future meetings posted in the local papers. Had I not tuned into the Ridley Borough meeting I wouldn’t have known about the meeting.
- The Careful use of “flowery” adjectives throughout the NCP were not as “spin”. Not appreciated.
- Re: Easels Text – Acronyms not defined.
- Re: General as
- Why did I not receive a mailing?
- Re: Helped you feel you know what to expect? - More noise.
- It’s already in making, nothing can be done for Eastwick resident.
- Needed more notice (notified two days prior).
- Please consider direct mailing and flyers further in advance.

A. Noise Abatement/Operational Alternatives:
(Example of this type include: Runway Use and Flight Procedures; Airport Facilities Development; Restrictions and Curfews)
- Restrict incoming flights from the east to 10:30pm for 737 & 757 near P2.
- Keep in river, don’t fly over residential areas.
- As the development of the airport grows, information of noise pollution should be reassessed and provided to residents. Aircrafts should be limited from 11pm-5am.
- Utilize noise abatement procedures. Fly to the Commodore Barry Bridge. Then turn to different headings.
- Fly over the river between 9pm-8am not happening! You are knocking out my dish tv now too!
- Continue on your course of action. Follow up on any new issues to best of your ability.
- Re-route the planes over the Delaware River as before.
- All flights should be kept over the river during sleeping hours.
- Stay as much as possible to keep the planes over the river during east/west flow. Enforce standards...
- Curfews like not (or less) flying during certain times of the day.
- Departures on 27L over Del. Co. should be eliminated.
- Allowance of ATC & pilots to “turn right” after departing 27L should be limited to weather and emergencies only.
- No aircraft should be allowed to turn right after departing 27L until passing 476 – but this happens frequently without justification.
- Aircraft violating right turn (premature over Del. Co.) should be fined and fees collected to local municipal coffers/budgets.
- Changes in Wallingford-Rose Valley since 1/08. Data does not reflect accurately what are experiencing in Wallingford (19086) since 1/08.
• You should consider flights taking off, should stay over the river until they hit a higher altitude before banking over homes.
• Please recognize Section 106 and the historic protection it is supposed to offer! Upgrade GPS on planes and at airports. Consider river approaches. Consider steeper descents.
• DNL is completely outdated! Redesign how you account for noise.
• We need a nighttime curfew for PHL. If Reagan International can have a 10pm-7am curfew, so can PHL.
• The dramatic increase in traffic into PHL is a result of PHL’s being made a regional hub for the New York-NJ area, as well as for Philadelphia. Remove its status as a regional hub.
• River approach!
• None at this time.
• Instantaneous noise levels when aircraft are landing by instrument during inclement weather. This is what people are complaining about. Not averages!
• No flights over state of DE past 11pm.
• Please consider a 5000 ft. minimum at Kirde Int.
• Please consider landing more aircraft from the west to east direction.
• See attached letter to Mr. Charles Isdell. Recommend a noise abatement procedure for arriving aircraft. Require aircraft to maintain altitudes greater than 3000 feet until they commence landing approaches no closer than 10 miles from airport. Have them observe a 3 degree glide path and use noise reducing minimizing noise footprint measures.
• Would like limits on the maximum noise generated for a specific time period/number of events (i.e. no more than 2 events over 95db per hour).
• None.
• I think there should be some restrictions as to the time of day because there are some people that have to go to work.
• Most planes leaving PHL end up flying over or circling over our home in Sharon Hill. Noise pollution is terrible and ruins our quality to live especially as we are retired and home all day. Someone who goes to work will not hear what we do – planes flying over our house almost every five minutes some days.

B. Land Use Mitigation Alternatives:
(Examples of this type include: Sound Insulation Programs; Zoning/Building Code Development; Real Estate Disclosure; etc.)

• Provide more information for type of system/materials & where homeowners can purchase these.
• Keep in river, don’t fly over residential areas.
• Continue RSIP.
• My home is located in an area adjacent to the old Westinghouse Plant where there is nothing between Powhatan Avenue and the river. All (most) of the industrial buildings have been leveled and there are very few trees to help absorb any of the noise. The noise travels over the open space. From warming up the a/c in the early pm to 4:30am flyovers to constant daily noise. We cannot open our windows an use quiet noise machines to help diffuse the noise in our home.
• All types illustrated are very important. Continue on with all these issues.
• How do I find out if I qualify for sound proof windows or anything else.
• The planes are flying close to my house near Corinthian Ave. and Marsden in Essington – which they never did before. I began hearing the increased noise and new routes the end of Dec. 2007.
• Every home in Tinicum Township should be included in the sound insulation program. Another program should be implemented to assess damage to homes due to vibration from overhead flights.
• Consider moving UPS so that Phila. Airport can use that runway(s).
• The time when R.E. disclosures are introduced and required in Del. Co. will indicate a failure in the NCP and FAA flight departure actions.
• Limited PHL flights, develop second regional PHL airport similar to BWI, Regan & Dulles airports for D.C.
• Residents of Tunicum/Lester Essington have not benefited from an earnest sound insulation program to date. Suggesting this alternative for Del. Co. will represent failure to abate 27L departures. Precedent set as failure to abate.
• I believe that all of Tunicum Township should be considered for sound insulation. The whole township is in the flight plan according to your 2007 graphs.
• Recognize that there are impacts that are significant even if it isn’t at 65 or more.
• Zoning/building codes: in case no one zone has noticed, the area on all sides of PHL are already built up as far as possible. What good would new codes be?
• Real estate disclosure already exists. Maybe the city of Philadelphia would like to buy all the thousands of properties whose value is being destroyed by their reckless expansion of their airport.
• Don’t feel it to be necessary.
• Soundproofing homes in DE.
• How about planting trees as a sound insulation measure? The canopies of large deciduous trees cut help reduce noise during warmer weather months. During winter people tend to remain in doors with windows and doors closed. Extra benefit to planting trees: address the air pollution issue which is not part of this discussion but is also a problem.
• Public needs access to and to be informed of the final study report!
• None.
• The Sound Insulation Program is very important actually all of these programs should be in place for residents that are affected by the noise pollution.
• Don’t want sound insulation. (This is like me living underground, I am human, I should not have to live like a ground hog).
• Stop flying west over my house! Than you go south? Don’t make sense.
• Value of our property as far as resale has got to have dropped many thousands dollars. Who would want to live in an area which has so much noise and air pollution.

C. Program Management Alternatives:
(Examples of this type include: Airport Noise Office; Airport Noise Monitoring Systems; Update the Noise Compatibility Program; etc.)

• I thought there was an existing noise office. Need more noise monitoring locations. FAA needs to modify its equation for calculating DNL. List maximum decibel readings obtain at location of monitors unmodified.
• Keep in river, don’t fly over residential areas.
• What are you going to do push all the airplanes out Philadelphia, Springfield area and fly over NJ residential area and mess up our country living. Make noise in NJ instead of Philadelphia.
• The spot chosen for Paulsboro was on a state highway and the noise levels seemed high. Possibly doing one more monitoring a little off the highway but still in a runway path. Mantua Avenue at wrestling building could be a good place.
• Use Dassur Airport monitor like PA, NJ, NY, MSY, LAX and other noise sensitive airports.
• Record all data accurately.
• The Noise Compatibility Program needs to be brought up to date and be readily available to the people.
• Exercise standards and “muffle” the noise to a comfortable level. Get “current” noise levels...
• This is a must to provide quality assurance to document the liability FAA plans to introduce to erode quality of life. NCP is a fed requirement that offers no tangible solutions to existing problems.
• Statistical method used for noise level impact does not accurately reflect the experience of individuals in the community relative to noise level.
• Projects for 2013 based on 2007 already outdated since flight path redesign was changed at end of 2007. Need more permanent noise sensors with greater accuracy and precision in more areas, i.e. Media, Wallingford, Rose Valley.
• You should have constant updates, and let us know what’s happening.
• Recognize that updating “systems” is a benefit to everyone.
• We need to have more access to information regarding airplane altitudes over our houses. New York and other airports provide this data, but PHL has given us promises but no action in this regard.
• Online, real-time software to track flights.
• None.
• We need accurate data on real time noise levels – and the number of minutes per day this level exists. Averages area way of covering up extremes.
• Enforce current hours.
• Recognize that updating “systems” is a benefit to everyone.
• Adopt a noise abatement arrival procedure.
• Public notice and information.
• Would like to know maximum sound pressure levels recorded and frequency in addition to average SPL’s.
• None.
• Please be considerate and mindful of noise levels of the few surrounding residents affected by increased use of runway 17. I am hoping that we will not have to mount a protest or sign petitions to have high levels of air traffic noise mitigated!!! Be a good neighbor please PHL and we will be supportive and advocates for future planned improvement.
• Again I feel all of these programs need to be in place.
Community Workshops
June 17, 18, 19, 24, 25, 2008
Evaluation Summary

Please Rate the Following Specific Aspects of this Workshop:

Has Your Involvement in this Workshop...

Please Rate the Following General Aspects of this Workshop:

PAI 7/08
June 17th – Paulsboro, NJ
June 19th – Claymont, DE
June 24th – Cherry Hill, NJ
June 25th – Philadelphia, PA
Updaiting the Airport's Noise Compatibility Study

Philadelphia International Airport (PHL) is updating its existing noise compatibility program, which was approved by the Federal Aviation Administration (FAA) in 2003. The original study looked at the existing conditions and five years into the future to determine noise impacts on surrounding communities. Today, the Airport is updating that study to examine the current noise levels as well as those that may occur within the next five years.

This study will develop, evaluate and recommend actions that PHL, local municipalities, airlines, and/or the FAA could take to help reduce the impact of aircraft noise in communities surrounding the Airport.

This study is a voluntary process for an airport. One of the recommended actions in the original study was to revisit the results within five years. "We are committed to doing this update for our neighbors," says Charles Isdell, Director of Aviation, "so that our program for mitigating the impact of noise reflects the operational and physical changes that have occurred and will occur at the Airport."

These changes include the number and types of airplanes operating at the airport, the extension of Runway 17/35, as well as the potential changes in overall noise exposure that may occur due to the recent incorporation of some aspects of the FAA's airspace redesign project. This study will determine how these and any other changes that may occur within the next five years may impact the Noise Exposure Maps (NEM) that were approved in the initial study. This study will result in a new set of existing conditions and a five-year forecast NEMS.

Community Workshops

Public participation is a key part of this study. There will be 15 community workshops throughout the study area. The first five community workshops were held between November 7th and 20th, 2007 in Cherry Hill, NJ; Claymont, DE; the Eastwick neighborhood in Philadelphia; Paulsboro, NJ; and Essington, PA.

The first round of workshops explained the study process and reviewed the previous study results. Workshop attendees provided feedback and comments that will be included in the final report.

There will be two more rounds of workshops later in the study. If you would like to be notified when they are scheduled, you may sign up on the project website (www.phiport150update.com) or send a letter to the address on the backpage of this newsletter.
Study Advisory Committee Holds First Meeting

In addition to the community workshops, public participation for this update includes a Study Advisory Committee (SAC). Members include representatives from the offices of local government officials, planning organizations, the FAA, and the airline industry. (To see the list of SAC members please visit www.phlpart150update.com.) The SAC assists the study team in evaluating and recommending noise mitigation alternatives by providing suggestions based on local experience and concerns of their constituents.

SAC members began their work on October 30, 2007. In the first meeting they received: an overview on the basics of noise and how it is measured; the reasons for this update; an introduction to the study parts; and the process that will be used for the update.

The SAC will meet regularly throughout the course of the study.

The Noise Study Process

The first step in the Study is to collect information about airplanes and airport operations. This includes information on the number and types of airplanes flown, which runways they use to take off and land, and the flight paths they use.

The next step is to display the existing level of noise and the forecasted level of noise that may exist five years in the future on maps of the airport and surrounding areas. Noise contour lines that show equal levels of noise around an airport and colors that indicate the zoning for land-use are both entered into maps. These maps are used to determine the compatibility of the land uses that exist in the communities surrounding the airport.

Once the level of noise exposure has been determined, alternatives are developed that are designed to reduce the level of impact. Recommendations may include changing flight procedures, the sound insulation of homes, and steps that local municipalities can take to promote compatible development in areas that are most impacted by airplane noise.

The final product of the study is a program that contains all of the measures that were considered and recommends which should be implemented. The program is reviewed by the FAA, which has 180 days from the time that the report is submitted to review. Once the review is complete, a Record of Approval (ROA) is prepared that identifies which of the airport's recommendations have been approved by the FAA and are eligible for federal funding.
Noise Measurement Program

As part of this study, noise monitors were placed at various locations around the Airport for a 10-day period. The purpose of the noise measurement program is to characterize the daily fluctuations that can occur in airport operations (and noise levels) throughout a particular "slice-in-time". It is not the intent of this particular program to compare these measured short-term noise levels with long-term modeled noise levels. This measurement program is only intended to provide an improved understanding of the changes and unpredictability in the overall noise environment as airport operations vary throughout a representative week.

Frequently Asked Questions

Q: Does the PHL Noise Study have anything to do with the Runway 17/35 Extension or the FAA's NY/NJ/Philadelphia Airspace Redesign?

A: Not exactly. The PHL Noise Study is independent of the Runway 17/35 Extension project and the NY/NJ/Philadelphia Airspace Redesign Project. However, the PHL Noise Study will consider any potential noise impacts that these projects may have within the PHL Noise Study area within the next five years. To the extent that these actions may affect noise levels, they will be included in the study.

Q: What is Day-Night Average Sound Level (DNL)?

A: The Day-Night Average Sound Level (DNL) is a 24-hour average noise level used to define the level of noise exposure on a community. DNL is calculated by taking the average of all aircraft noise events that occur within a 24-hour period. In addition, during the nighttime hours of 10:00 p.m. to 7:00 a.m., all noise events are given an additional 10 decibels (dB) "penalty" to compensate for sleep interference and other disruptions caused by nighttime noise. The 10-dB penalty basically means that one nighttime noise event is equivalent to 10 daytime noise events of the same level.

Areas with noise impacts less than DNL 65 dB are considered to be compatible with residential land use; while areas at or above DNL 65 dB are designated as non-compatible with residential land use.

Q: How do I comment on the PHL Noise Study?

A: The public is invited to express their views throughout the update process and to submit comments. Opportunities include a series of public workshops and meetings throughout the study area. This area includes parts of Pennsylvania, New Jersey and Delaware. A comment form on the project website can also be used to submit questions and comments about the PHL Noise Study.

Study Schedule

The PHL Noise Compatibility Program Update was initiated in October 2007 and is expected to take approximately 18-24 months to complete. A final public hearing will be held at a location near the Airport at the conclusion of the project.

Visit our Website
www.phlpart150update.com
Ask a Question
Make a Comment
Learn About the Update

Community workshop held in Eastwick section of Philadelphia.
Noise Compatibility Program Update

AIRPORT
NOISE STUDY
COMMUNITY WORKSHOPS

- Open House setting
- View updated noise maps for Philadelphia International Airport
- Share your perspectives & suggestions
- Your comments will become part of the Final Report

The City of Philadelphia, Division of Aviation is updating the Noise Compatibility Study for Philadelphia International Airport.

5 locations to choose from

Tuesday, June 17, 2008
Pebbleboro Volunteer Fire Association
1500 Pebbleboro Avenue
Pebbleboro, NJ

Wednesday, June 18, 2008
Thissum School
First & Swensa Streets
Becworth, PA

Thursday, June 19, 2008
Claymont Community Center
3201 Green Street
Claymont, DE

Tuesday, June 24, 2008
Cherry Hill Public Library
1130 Kingsway North
Cherry Hill, NJ

Wednesday, June 25, 2008
Mercy Wellness Center
2921 Island Avenue
Philadelphia, PA

All Open Houses are from 6-8 PM
Stop by anytime

www.phlpart150update.com

Noise Compatibility Program Update

Government Affairs
Philadelphia International Airport
c/o Portfolio Associates, Inc.
510 Walnut Street, Ste. 1411
Philadelphia, PA 19106
Website

Reports, noise exposure maps, public outreach information, and other study related materials are regularly posted and updated on the PHL Noise Compatibility Program Update website at: www.phlpart15update.com. The study website may also be accessed through Philadelphia International Airport's webpage at www.phl.org. Check these websites regularly for up-to-date information as the study progresses.

Contact Information

Comments or questions on the PHL Noise Compatibility Study Update may be emailed to: NEM@phlpart15update.com or mailed to:

Phyllis Vantassel
Government Affairs Manager
Philadelphia International Airport
Terminal D.E, 3rd Floor
Philadelphia, PA 19153

Comments about specific incidents of aircraft noise may be phoned to the PHL Noise Complaint Hotline at 215-937-9750 or e-mailed to noise@phl.org.

Noise Compatibility Program Update

Government Affairs
Philadelphia International Airport
c/o Portfolio Associates, Inc.
510 Walnut St., Ste. 1411
Philadelphia, PA 19106

Refining the Noise Compatibility Program

The next phase of the study will complete the updated Noise Compatibility Program for the Airport. That program addresses three goals: minimizing noise impacts; mitigating remaining noise-sensitive land uses; and preventing future noise-sensitive developments.

Current noise contours have been generated (see Noise Exposure Maps below) and incompatible land uses within the 65 DNL contour have been identified, the study team has begun to evaluate various alternatives in an effort to reduce the number of people affected by aircraft noise. There are three broad categories of alternatives that the team is looking at:

- Noise Abatement Alternatives
- Land Use Management Alternatives
- Program Management Alternatives

Alternatives are evaluated based on: safety; noise benefits; cost of implementation; and feasibility.

While regulations specify several types of alternatives that must be considered, this study will also evaluate alternative suggestions from: the Study Advisory Committee; the general public; Philadelphia International Airport; local or state jurisdictions; and, FAA air traffic control.

In This Issue

- Updating the Noise Compatibility Study
- Noise Exposure Maps
- Noise Compatibility Program
- Next Steps
- Public Involvement
- Website and Contact Information

Noise Exposure Maps

This Noise Exposure Map shows the 2008 noise contours. See inside for larger version of the map and additional information.

The Noise Study Process Status

<table>
<thead>
<tr>
<th>Study Initiative</th>
<th>Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Collection</td>
<td>Complete</td>
</tr>
<tr>
<td>Noise Exposure Maps</td>
<td>Draft Complete</td>
</tr>
<tr>
<td>Noise Compatibility Program</td>
<td>Begin</td>
</tr>
</tbody>
</table>

For additional information on the Noise Study Process visit www.phlpart15update.com.
Types of Alternatives

The study team is evaluating noise abatement alternatives such as:

- The approach and departure routes that aircraft fly in the vicinity of the airport;
- When specific runways at the airport are used;
- Using technological innovations and operational changes to reduce the impact of noise from flying and taxing aircraft;
- Limiting engine maintenance run-ups and restricting aircraft Auxiliary Power Unit (APU) usage.

In addition, the study team will evaluate land use measure alternatives to prevent the introduction of additional noise-sensitive land uses within existing and future airport noise contours. Program management measure alternatives will be evaluated to enhance the oversight and management of the airport's existing noise abatement program.

Next Steps

The next step in the study is to more closely analyze the alternatives. Over the next few months, the study team will determine which of the alternatives should be recommended for inclusion in the program that is ultimately submitted to the FAA for approval. When the full noise compatibility program has been drafted, it will be presented to the public for review and comment.

Public Involvement

This is the second newsletter published to keep the Airport’s neighbors informed about the study. In addition to the newsletters, the study team conducted two series of community workshops. These workshops provided information on the airport's existing noise compatibility program, the purpose of this update, the key findings of the noise measurement program, and the development of the baseline noise exposure contour maps. An open-house format at these workshops proved to be a beneficial way for the public to share their questions and comments with the study team and airport staff.

Another series of community workshops will be conducted by the airport team to present and discuss the results of the alternatives analysis. Additionally, there will be an opportunity for public comment at a Public Hearing to be scheduled as the study nears completion.

Aircraft operational changes are evident by the contour changes to the west and southeast of the airport, and north of Runway 17R. Both of these areas include some incompatible land uses within the 65 DNL noise contour.

In the next phase of the study we will identify and model noise abatement, land use management, and program management alternatives designed to address these areas identified as incompatible due to noise levels exceeding 65 DNL, and to reduce the potential for incompatible land use development in the future.
Part 150 Noise Compatibility Program Update

Project Fact Sheet

The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation Part 150 Noise Compatibility Program (Part 150 Study) for Philadelphia International Airport (PHL). A Part 150 Study is a voluntary process initiated by an airport to examine current and future noise impacts. The Part 150 Study will develop, evaluate and recommend actions that an airport, local municipalities, airlines, and/or the Federal Aviation Administration (FAA) could take to help reduce the impact of aircraft noise in communities surrounding an airport.

PHL’s original Part 150 Study was approved by the FAA in May 2003. This comprehensive program, the first of its kind at PHL, resulted in: 1) an approved set of existing (2001) and future (2006) Noise Exposure Maps (NEM) that identified areas of noise impact around the airport; and 2) a Noise Compatibility Program (NCP) that contains eighteen recommended and FAA approved mitigation measures designed to help reduce noise impacts and minimize non-compatible land uses around the airport. These measures included:

- Seven noise abatement measures – Related to the operation of aircraft to and from the airport;
- Five land use mitigation measures – Related to the mitigation of existing impacts and prevention of future non-compatible land use;
- Six program management measures – Related to the oversight, management, and implementation of the recommended measures.

One of the recommendations in the approved 2003 NCP was to update the Part 150 Study within five years to consider any significant operational or physical changes that have occurred at PHL during that period. Since 2003, PHL has experienced changes in the type and number of aircraft using the airport. These changes as well as the ongoing extension to Runway 17/35 and the operational changes that will likely occur due to the FAA’s Airspace Redesign project will be considered in this update. In recognition of this, the Division of Aviation is performing this Part 150 Update.

The Part 150 Process

The first step in conducting a Part 150 Study is to collect aircraft and airport operational data. These data include information on the number and type of aircraft flown, which runways they use to take off and land, and the flight paths they use.

The next step is to identify the existing level of noise exposure and the forecasted level of noise exposure that may exist five years in the future. This is accomplished by developing NEMs based on the data previously collected. Noise contours, lines that represent equal levels of noise exposure around an airport, are overlaid onto land-use base maps to determine the compatibility of the land uses that exist in the communities surrounding the airport.

Once the level of noise exposure has been determined, several alternatives are developed that are designed to reduce the level of impact. The alternatives include noise abatement and operational measures, land use

![Part 150 Process Diagram](image-url)
mitigation measures, and program management measures. Recommended measures may include the establishment of noise abatement flight procedures, the sound insulation of homes, and steps that local municipalities can take to promote compatible development in areas that are most impacted by aircraft noise.

The final product of the study is a NCP that contains all of the measures that were considered and recommends which measures should be implemented. The NCP is reviewed by the FAA, and each recommended measure is closely examined. The FAA has 180 days from the time that the report is submitted (and the NEMs are accepted) to review the NCP. Once the review is complete, a Record of Approval (ROA) is prepared that identifies which of the measures recommended by the airport have been approved by the FAA and are eligible for federal funding.

**Public Participation – Communication is an important part of noise compatibility planning.**

Public participation is a key aspect of this study. Participation by the general public will primarily be through a series of community workshops scheduled throughout the study area to facilitate communication with residents of the surrounding communities and to provide an opportunity for them to provide feedback on the study.

In addition to the workshops, a Study Advisory Committee (SAC) has been formed to work with the airport and its consultant to identify, review and evaluate noise mitigation alternatives. The SAC includes representatives from the FAA, airport, the airline industry, local government officials and planning organizations. The SAC will meet regularly throughout the course of the study.

Newsletters and a website will keep the community up to date on the progress of the study. The web address is [www.phlpart150update.com](http://www.phlpart150update.com).

**Frequently Asked Questions**

**Does the Part 150 Update have anything to do with the Runway 17/35 Extension or the FAA’s NY/NJ/Philadelphia Airspace Redesign?**

No, the PHL Part 150 Update is independent of the Runway 17/35 Extension project and the NY/NJ/Philadelphia Airspace Redesign project. The Part 150 Update will assess potential noise impacts that these projects may have within the Part 150 Update’s study area over the next five years and recommend appropriate noise mitigation measures. To the extent that these actions may affect noise levels, they will be included in the study.

**What is Day-Night Average Sound Level (DNL)?**

The Day-Night Average Sound Level (DNL) is a 24-hour average noise level used to define the level of noise exposure on a community. DNL is calculated by taking the average of all aircraft noise events that occur within a 24-hour period. In addition, during the nighttime hours of 10:00 p.m. to 7:00 a.m., all noise events are given an additional 10 decibels (dB) “penalty” to compensate for sleep interference and other disruptions caused by nighttime noise. The 10-dB penalty basically means that one nighttime noise event is equivalent to 10 daytime noise events of the same level.

Areas with noise impacts less than DNL 65 dB are considered to be compatible with residential land use; while areas at or above DNL 65 dB are designated as non-compatible with residential land use.

**How are the recommended alternatives in the Noise Compatibility Program developed?**

A Part 150 Study is a collaborative process. The alternatives identified and evaluated in the NCP emerge from an extensive interaction among the airport, its consultant team, a Study Advisory Committee and the general public through a series of workshops and public meetings.

**How do I comment on the Part 150 Update?**

The public is invited to express their views throughout the update process and to submit comments. Opportunities include a series of public workshops and meetings throughout the study area, which consists of parts of Pennsylvania, New Jersey and Delaware, and a comment form on the project website that can be used to submit questions and comments about the Part 150 Update.

**What are the potential noise mitigation costs and who will bear the burden of those costs?**

The Part 150 Update will develop cost estimates for each noise mitigation alternative to the extent possible. The costs to implement recommended alternatives will be primarily paid through the Airport Improvement Program (AIP). No public tax dollars are used to fund any of the mitigation measures.

**Contact Information**

For more information, please contact Ms. Phyllis Vanlendal Government Affairs Manager, Philadelphia International Airport at [Phyllis.vanlendal@phl.org](mailto:Phyllis.vanlendal@phl.org) or go to the project website at [www.phlpart150update.com](http://www.phlpart150update.com)
Welcome

The City of Philadelphia, Division of Aviation is updating the Noise Compatibility Program for Philadelphia International Airport (PHL). The purpose of this website is to keep you up to date on the status of this important study, and to provide you with an opportunity to stay involved throughout the duration of this project. Please check back often as the content of this site will be refreshed as the study progresses.

A Noise Compatibility Study is a voluntary process initiated by an airport to develop, evaluate and recommend actions that an airport, local municipalities, airlines, and/or the Federal Aviation Administration (FAA) could take to help reduce the impact of aircraft noise in communities surrounding an airport.

Philadelphia International Airport initiated its first Noise Compatibility Study in 2001. The FAA completed its review of the Noise Exposure Maps (NEMs) developed in that study and approved PHL’s Noise Compatibility Program (NCP) in May 2003.

One of the measures approved in the NCP was to revisit the results of the study within five years to consider any significant operational or physical changes that may have occurred at PHL. Since the airport has experienced changes in the number and type of aircraft operating at the airport, as well as the current extension of Runway 17/35 and the potential operational changes that may occur due to the FAA’s airspace redesign project; the Division of Aviation is implementing this recommended measure by conducting this update.

To view the original study that was approved by the FAA, please click the link below:
Final 2003 Part 150 Noise Compatibility Study.
(Adobe Acrobat Reader required to view this file.)
Noise Compatibility Program Update

Public Meetings

PLEASE JOIN US

The City of Philadelphia, division of Aviation staff and their consultants will host a series of open-house community workshops that will provide the opportunity for the public, and other interested parties, to share their perspectives and suggestions about noise mitigation alternatives. And to submit comments on the noise compatibility program. To date, two sets of community workshops have been conducted at locations around Pennsylvania. The first round of workshops was held in June 2008. The second round of workshops was held in June 2008. Feedback received from attendees was positive. Participants at these workshops submitted several suggestions to the study report which are used in the analysis. And in the program modifications/measurements that will be considered in the analysis.

June 2008 Community Meeting Photos

June 15, 2008 - Trenton, PA

June 17, 2008 - Paulsboro, NJ
Noise Compatibility Program Update

Study Schedule

The Noise Compatibility Program Update is expected to take approximately eighteen to twenty-four months to complete. The study was initiated in October 2007.

Community Workshops

November 2007 – Community Workshop 1 (at 5 different locations)
June 2008 – Community Workshop 2 (at 5 different locations)

Public Hearing

A public hearing will be scheduled as the study nears completion at one location near the airport.

Noise Measurement

November 2007 to June 2008 – A fixed aircraft and community noise monitoring stations were installed in Delaware, New Jersey, and Pennsylvania. Five of these stations were next to the Philadelphia Airport's permanent noise monitoring stations.

The noise measurement period included days when the airport operated in both east and west flow, and several different types of weather. The results were presented at the Community Workshop held in June 2008.
Noise Compatibility Program Update

Study Advisory Committee

The Noise Compatibility Update process includes a Study Advisory Committee (SAC). The SAC assists the consultant team and airport management in evaluating and recommending noise mitigation alternatives by providing feedback and suggestions based on local experience and known concerns of the SAC member’s constituents.

The SAC is comprised of approximately 25 members, representing a broad range of interests such as aircraft traffic patterns, air traffic control procedures, airport operations, quality of life issues, concerns over noise sensitive environments, and land use planning issues.

SAC Members are grouped into the following broad categories:

- Community Stakeholders/Representatives
- FAA Representatives
- Regional and Local Planning Agencies
- Aviation Industry Stakeholders
- Environmental Resources

The goals of the SAC are to review and evaluate alternative measures for reducing the impact of aircraft noise at PHL. The SAC’s experienced points of view, concerns and advice will enable the project team to tailor noise abatement, land use, and program management alternatives to the various needs and challenges of the communities and environments affected by aircraft noise.

SAC members participate in the development of proposed actions and measures. Critical review from the SAC for accuracy, completeness of detail, and clarity of thought will help to ensure the recommendation of appropriate, reasonable, balanced and sufficient noise mitigation alternatives. The meeting process is designed to encourage the open exchange of creative ideas to achieve results.

The final decision on which measures to include in the Noise Compatibility Program rests solely with the Philadelphia Division of Aviation (DOA).

It is anticipated that the SAC will convene six times over the course of the study.

http://www.philpart150update.com/studyAdvisoryCommittee.html
Noise Compatibility Program Update

Maps

Noise maps shown at the June 2003 Community Meetings were in development. Click here to join the Noise Compatibility Program Update email list, and you will be notified when the final noise maps are posted.

2003 Noise Exposure Maps (NEW)
(Click to open a new browser window map)
Noise Compatibility Program Update

Project Fact Sheet

(Click here to download the PDF version of this page.)

The City of Philadelphia, Division of Aviation is updating the Federal Aviation Regulation Part 150 Noise Compatibility Program (Part 150 Study) for Philadelphia International Airport (PHL). A Part 150 Study is a voluntary process initiated by an airport to examine current and future noise impacts. The Part 150 Study will develop, evaluate and recommend actions that an airport, local municipalities, airlines, and/or the Federal Aviation Administration (FAA) could take to help reduce the impact of aircraft noise in communities surrounding an airport.

PHL’s original Part 150 Study was approved by the FAA in May 2003. This comprehensive program, the first of its kind at PHL, resulted in: 1) an approved set of existing (2001) and future (2036) Noise Exposure Maps (NEM) that identified areas of noise impact around the airport; and 2) a Noise Compatibility Program (NCP) that contains eighteen recommended and FAA approved mitigation measures designed to help reduce noise impacts and minimize non-compatible land uses around the airport. These measures included:

- Seven noise abatement measures – Related to the operation of aircraft to and from the airport;
- Five land use mitigation measures – Related to the mitigation of existing impacts and prevention of future non-compatible land use;
- Six program management measures – Related to the oversight, management, and implementation of the recommended measures.

One of the recommendations in the approved 2003 NCP was to update the Part 150 Study within five years to consider any significant operational or physical changes that have occurred at PHL during that period. Since 2003, PHL has experienced changes in the type and number of aircraft using the airport. These changes as well as the ongoing extension to Runway 17R/35 and the operational changes that will likely occur due to the FAA’s Airspace Redesign project will be considered in this update. In recognition of this, the Division of Aviation is performing this Part 150 Update.

The Part 150 Process

The first step in conducting a Part 150 Study is to collect aircraft and airport operational data. These data include information on...
Noise Compatibility Program Update

Join Mail List

Name First: 

Last: 

Organization (if applicable): 

Address: 

City: 

State: 

Zip: 

Country: 

Phone: 

Fax (optional): 

Email address: 

Please include me on your mailing list: 

Yes  No 

Comments: 

Submit
# Contact Us

Name First: [Field]
Organization (if applicable): [Field]
Address: [Field]
City: [Field]
County: [Field]
Phone: [Field]
Fax (optional): [Field]
Email address: [Field]
Please include me on your mailing list: [Yes, No]
Comments: [Field]

[Form Submission Button]