Airport Expansion
Information Session
February 18, 2015
Presentation Topics

- Noise Mitigation Plan – initial actions
- Sound Insulation and Related Matters
- Status of Sound Insulation Program
- Options for Mobile Home Parks Acquisition Program
- Voluntary Sales Assistance/Conveyance and Release Program
- Legal Decisions
- Dania Beach Interlocal Agreement- actions
- Flight Paths for FLL Runways
- Next Steps
Noise Mitigation Plan

- November 2007- Original letter from Broward County Board of County Commissioners (Board) for Noise Mitigation Program (NMP) included:

1. Apply the long-term/ultimate unrestrained contour
2. Establish mitigation areas based on neighborhoods
3. Voluntary acquisition of mobile home parks in the 65+DNL
4. Sound Proofing and easement
5. Purchase Assurance/Sales Guarantee
6. Voluntary acquisition of existing residentially zoned vacant parcels
7. Provide noise mitigation in excess of minimum federal guidelines
Noise Mitigation Plan

- June 2008 - Environmental Impact Statement (EIS) submitted to Federal Aviation Administration (FAA).

- December 2008 – EIS Record of Decision Issued by FAA included:
  1. Apply the long-term/ultimate unrestrained contour
  2. Establish mitigation areas based on neighborhoods
  3. Voluntary Sound Insulation with easement
  4. Voluntary Acquisition of Mobile Home Parks
  5. Voluntary Sales Assistance/Purchase Assurance
Project Area for the Sound Insulation Program*

* www.filnoisemitigation.com
Noise Mitigation Plan

- April 2010 - Board approved Draft Noise Mitigation Plan, directed Aviation Director to send to City of Dania Beach for review.

- June 2010 - BCAD received comments on Draft Noise Mitigation Plan from City of Dania Beach.

- November 2010 – Board deferred approval of the revised Noise Mitigation Plan for further FAA inquiries and informal meetings with community residents. Five meetings held with community residents:
  - January 24, 2011
  - February 7, 2011
  - February 9, 2011
  - March 3, 2011
  - March 7, 2011
Sound Insulation and Related Matters

- March 2009 - Board Workshop on Sound Insulation Pilot Program.

- May 2009 - Board action to forward Noise Mitigation Pilot Program Homeowner Agreement to City of Dania Beach for review.

- September 2009 - Aviation Department received comments from City of Dania Beach.
Sound Insulation and Related Matters

- **January 2010** - Board approved Pilot Sound Insulation Program Homeowner Agreement and commencement of sound insulation.

- **February 2010** - Invited first 50 homeowners, Groups A & B, to enter into the Pilot Sound Insulation Program and commence design phase.

- **October 2011** - Board approved additional 80 homes, Group C, for Sound Insulation Program and Revised Noise Mitigation Plan.

- **December 2011** - Pilot Program (Groups A & B) construction completed (48 Homes).
Sound Insulation and Related Matters

- January 2012 - Invitation of residents for Group C (80 homes) and Agreement with Dania Beach to increase A/C SEER from 13 to 16 and Corrosion Coating on A/C units.

- August 2012 - Invitation of residents for Group D (89 Homes) issued.

- November 2012 - Invitation of residents for Group E (92 Homes) issued.

- December 2012 - Board awarded Construction bid for Group C (80 Homes).
Sound Insulation and Related Matters

- February 2013 - FAA advises that Air Conditioning is not eligible for reimbursement as part of the NMP.

- February 2013 - Dania Beach notifies BCAD of Boundary Surveys and Variances for Air Conditioning Units.

- March 2013 - Invitation of residents for Groups F & G issued (197 Homes).

- September 2013 - Invitation of residents for Group H issued (78 Homes).
Sound Insulation and Related Matters

- October 2013 – Group D design on hold due to FAA denial of A/C systems eligibility.

- December 2013 – Aviation Department and FAA meet concerning eligibility of A/C systems.

- February 2014 - FAA correspondence stating that A/C systems are not eligible.

- February 2014 – Board awards Construction bid for Group D (89 Homes). Remaining Groups on hold for A/C systems eligibility clarification.
Sound Insulation and Related Matters

• April 2014 - FAA correspondence stating that A/C systems are eligible. Acoustical testing requirements changed per ILA.

• May 2014 - Invitation of residents for Group J issued (85 Homes).

• August 2014 - Aviation Department notified of FEMA regulations and Dania Beach Zoning requirements making homeowners ineligible for sound insulation, 275 homes affected.

• October 2014 - Canceled bids for Groups E, F & H due to FEMA regulations.

• November 2014 - Construction In progress of Group D (89 Homes).
Sound Insulation and Related Matters

- December 2014 - discussion with FAA on acoustical testing allowance, A/C Ductwork & Electrical work eligibility.

- December 2014 - Invitation of residents for Groups K & L issued (250 Homes).

- January 2015 - Procurement advertisement for Groups E, F & H (150 Homes) revised due to FEMA regulations.

- January 2015 - Explanation of testing and compliance with PGL 12-09 submitted to the FAA for concurrence.
Sound Insulation Process

**Design**
- Step 1: Notify Homeowner of Eligibility (Approx. 10 days)
- Step 2: Attend Program Briefing (Approx. 10 days)
- Step 3: Conduct Home Assessment Visit (Approx. 90 days)
- Step 4: Create Initial Construction Plans (Approx. 36 days)
- Step 5: Execute Homeowner Participation Agreement (Approx. 14 days)

**Bid & Award**
- Step 6: Home is Bundled into a Construction Contract (Approx. 50 days)
- Step 7: Construction Contract is Bid (Approx. 30 days)
- Step 8: County Commission Award (Approx. 25 days)

**Construction**
- Step 9: Contractor is Issued Notice to Proceed (Approx. 20 days)
- Step 10: Contractor Orders Specialty Products (Approx. 90 days)
- Step 11: Construction on Individual Homes Begins (Approx. 160 days)
- Step 12: Home is Inspected and Completed (Approx. 40 days)
Sound Insulation Process Timeline

- Property Owner Signup
- Contractor Selection
- Construction

- Month 1
- Months 2 - 6
- Months 7 - 10
- Months 10 - 13
- Months 13 - 18

- Design Process
- Pre-Construction
Status of Sound Insulation Program

- 1706 - Residences eligible
- 1418 - Residents invited to participate
- 202 - Declined participation/no response received
- 134 - Deemed compatible
- 12 - FEMA Regulation Issues (unable to obtain Dania Beach permit)
- 1,070 participating:
  - 121 units - Completed (Groups A, B, C)
  - 88 units - In construction (Group D)
  - 150 units - Groups E, F & H- revised Bid advertisement- January 2015
  - 164 units - Group I- will advertise Bid in March 2015
  - 85 units - Group J- will advertise Bid in May 2015
  - 150 units - Group K in design, to be advertised in April 2016
  - 86 units - Located flood plain (awaiting Elevation Certificates from Dania Beach)
  - 226 units - Invited to participate
Options for Mobile Home Parks Acquisition Program

• August 2012 – Aviation Department contacted Ocean Waterway and Marshal Everglades (Sheldon) Mobile Home Parks to sell.

• September 2013 - Sheldon Mobile Home Park - declined offer to buy.

• December 2013 - Ocean Waterway Mobile Home Park - declined offer to buy.
Voluntary Sales Assistance/Conveyance & Release Program

- November 2010 - Discussions started for formulation of Early Benefit component in the Noise Mitigation Plan.

- February 2012 - FAA denied Early Benefit component of the Revised Noise Mitigation Plan.

- May 2012 - Aviation Department and City of Dania Beach officials traveled to Washington D.C. to meet with FAA concerning the revised Noise Mitigation Plan.

- June 2012 - Aviation Department and City of Dania Beach officials again travel to Washington D.C. to discuss the Voluntary Sales Assistance/Conveyance and Release (CAR) Program with the FAA.
Voluntary Sales Assistance/Conveyance & Release Program

- July 2012 - Randy Bell Appraisal Report started - FAA, Aviation Department and City of Dania Beach officials involved, report was completed in August 2013.

- June 2014 - FAA approves the Sales Assistance/CAR Program.

- June 2014 - Board approved Request For Proposal (RFP) for management & implementation of the Sales Assistance/CAR Program.

- December 2014 - Board approved final ranking of Sales Assistance/CAR Program consultant.
Voluntary Sales Assistance/Conveyance & Release Program

- 857 Homes are eligible for the Program - all single family and 2 unit residences within the 65+DNL contour.

- Home must be constructed prior to December 2008 and owned before November 2013.

- Home must have an interior noise level of less than 45DNL to be compatible, if above 45DNL it is eligible for Sound Insulation Program.
Voluntary Sales Assistance Program- Steps

• Home is appraised by County-approved, independent appraiser.

• Homeowner places the house on sale at appraised Full Market Value (FMV).

• If home does not sell over a specific time period, home price is reduced and County contributes up to 25% of the FMV in incentives.

• County pays closing costs and reduced value up to 25%, if any, in exchange for avigation easement.
Voluntary Conveyance & Release Program - Steps

• Home is appraised by County-approved, independent appraiser and Full Market Value (FMV) is determined.

• If home is compatible and has not participated in Sound Insulation Program (SIP), homeowner is eligible for a one-time payment of 21.9% of home’s FMV in exchange for conveyance and release.

• If home participated in the SIP and is compatible, the homeowner is eligible for a one-time payment of 14.4% of the home’s FMV in exchange for conveyance and release.
Legal Decisions

- City of Dania Beach v. Federal Aviation Administration, to challenge the FAA adoption of the South Runway configuration, Petition for Review Denied, December 28, 2010.


Dania Beach Interlocal Agreement

- October 1995 - Original Interlocal Agreement (ILA) with Dania Beach containing Voluntary Use operational restrictions for the South Runway.

- October 2011 - the County entered into Interim ILA with Dania Beach, with right by City to opt-out if certain conditions were not met.

- May 2012 - Interim ILA was voided by City after FAA’s denial of Early Benefit component and transfer of Plats 7 and 8 to the City.
Dania Beach Interlocal Agreement

- November 2013 - execution of new ILA containing voluntary use operational restrictions for the South Runway, including:
  - Acknowledgement that FAA approval is required.
  - Voluntary use restrictions from 10 p.m. to 5 a.m. daily.
  - Night closure exceptions for high delays, operational necessity, maintenance on North Runway and emergencies.
  - Operational restrictions to remain in effect until new Part 150 Noise Study is conducted.
Project Area for the Sound Insulation Program

www.flnoiseMitigation.com
FLL East Flow Flight Tracks

EIS 2012 Alternative B1b*

December 2014

* FEIS Volume 5 Appendices H-J - Exhibit H-5 – June 2008
FLL West Flow Flight Tracks

EIS 2012 Alternative B1b*

December 2014

* FEIS Volume 5 Appendices H-J - Exhibit H-6 – June 2008
Noise Mitigation Program
Next Steps

• Goal: 400 Homes to be insulated per year until completed.

• April 2015 - anticipated implementation of Voluntary Sales Assistance/ Conveyance & Release Program.

• Part 150 Noise Study - anticipated to commence in the spring of 2016.
Additional Information

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