Van Nuys Airport
Draft Updated 2011 and 2016
Part 150 Noise Exposure Maps

Presentation to
Citizens Advisory Council
October 4, 2011
Part 150 “Airport Noise Compatibility Planning”

- Voluntary federal program
- Defines standards for airport operators to use in
  - Documenting noise exposure in the airport environs
  - Establishing programs to minimize noncompatible land uses
- Noise Exposure Maps (NEMs) submission must include
  - Annual noise exposure and land use compatibility analyses for existing and five-year forecast conditions
  - FAA accepts use of CNEL contours in California
  - Must use FAA’s Integrated Noise Model to develop contours
  - Documentation of
    - Data sources, analyses, and related FAA approvals
    - Public consultation processes consistent with Part 150 requirements
VNY Part 150 Background

- In 2009, the FAA approved the 2001 existing condition and 2006 future condition (with mitigation) NEMs from the 2003 Part 150 study submittal.

- The FAA's 2009 Record of Approval (ROA) for the Part 150 Noise Compatibility Program (NCP) recommended that LAWA update the NEMs "due to their age".

- LAWA has completed draft NEMs and associated documentation for forecast 2011 and 2016 conditions.

- LAWA is undertaking consultation that exceeds Part 150 requirements.

- Anticipate submission of completed 2011 and 2016 NEMs to FAA in December 2011.
2011 and 2016 CNEL contours are very similar.
Comparison of 65 Decibel CNEL for 2011 and 2016 to 2006 "Mitigated" NEM from 2003 Part 150 Submission

- 2011 and 2016 are narrower and shorter, particularly to south
  - East and west side "nodes" reflect use of improved INM ability to model helicopters

- Change is largely due to
  - Quieter jet fleet
  - Use of improved noise abatement departure procedures (NADPs), as verified in "fly-friendly" study
Population within contours is down from 2006

<table>
<thead>
<tr>
<th>Year</th>
<th>Land Use Category</th>
<th>Dwellings and Residents within 65 dB CNEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Dwellings</td>
</tr>
<tr>
<td>2006</td>
<td>Compatible</td>
<td>1,355</td>
</tr>
<tr>
<td></td>
<td>Noncompatible</td>
<td>1,347</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>2,702</strong></td>
</tr>
<tr>
<td>2011</td>
<td>Compatible</td>
<td>1,123</td>
</tr>
<tr>
<td></td>
<td>Noncompatible</td>
<td>878</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>2,001</strong></td>
</tr>
<tr>
<td>2016</td>
<td>Compatible</td>
<td>1,123</td>
</tr>
<tr>
<td></td>
<td>Noncompatible</td>
<td>899</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>2,022</strong></td>
</tr>
</tbody>
</table>

- A majority of residents are in compatible (e.g., sound-insulated) dwellings
- Small increase from 2011 to 2016 is due to forecast changes in activity
- There are no non-residential sensitive land uses (e.g., schools, places of worship, etc.) within the 65 dB CNEL contours for 2011 and 2016
Major Public Consultation Steps

- October 4, 2011 CAC presentation
- 30-day public review and comment period (10/10/11 – 11/09/11)
  - Published newspaper notices
  - Direct notices to
    - All tenants, with a request to notify subtenants and post copies of the notice
    - All public agencies with land use control within the 65 dB CNEL
    - FAA tower, district office, regional office
    - Los Angeles City Planning Department
    - Los Angeles County Airport Land Use Commission
    - City Council Offices (CD6 and CD12)
- Draft NEMs are available for review
  - At VNY administrative offices
  - On LAWA website

Comments are due on November 9, 2011
Next Steps

- Finalize NEM Report Addressing Input Received
- Final Submission to FAA – Dec 2011

**Final Comprehensive Documentation to Include:**
- A Description of Opportunities Afforded for Public Review/Comment
- A Summary of the Comments Received
- A Description of Changes to NEM Document Based on Comments
- Copies of All Comments Received (as Appendix)
- A Certification of the Specific Consultation Requirement
Discussion

Thank you for your attention.