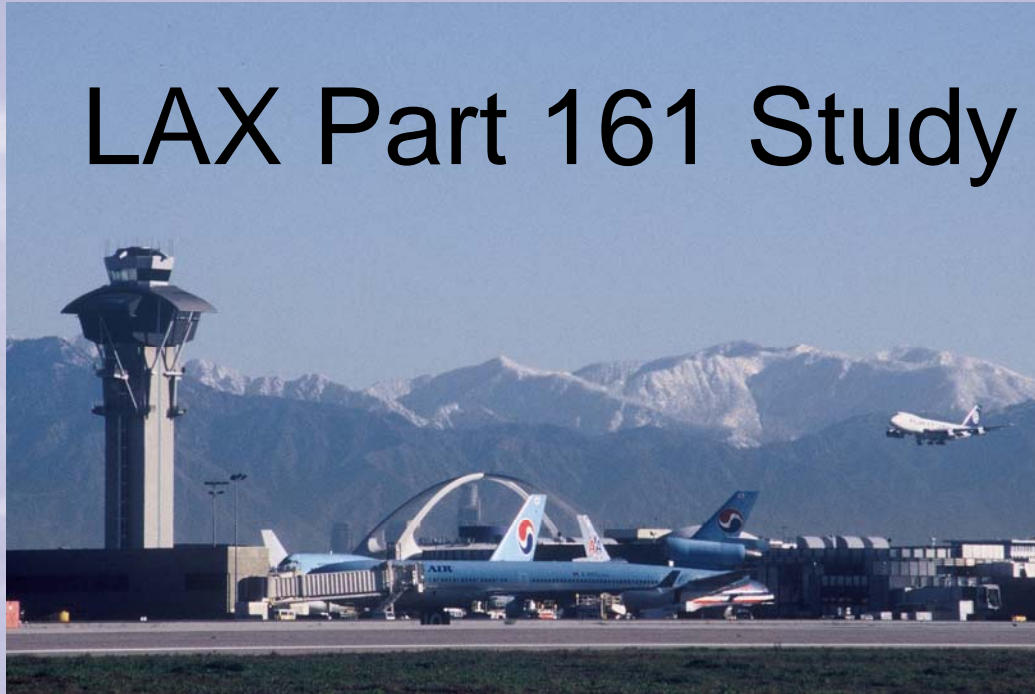


LAX Part 161 Study



**Westchester Chamber of Commerce
Airport Relations Committee**

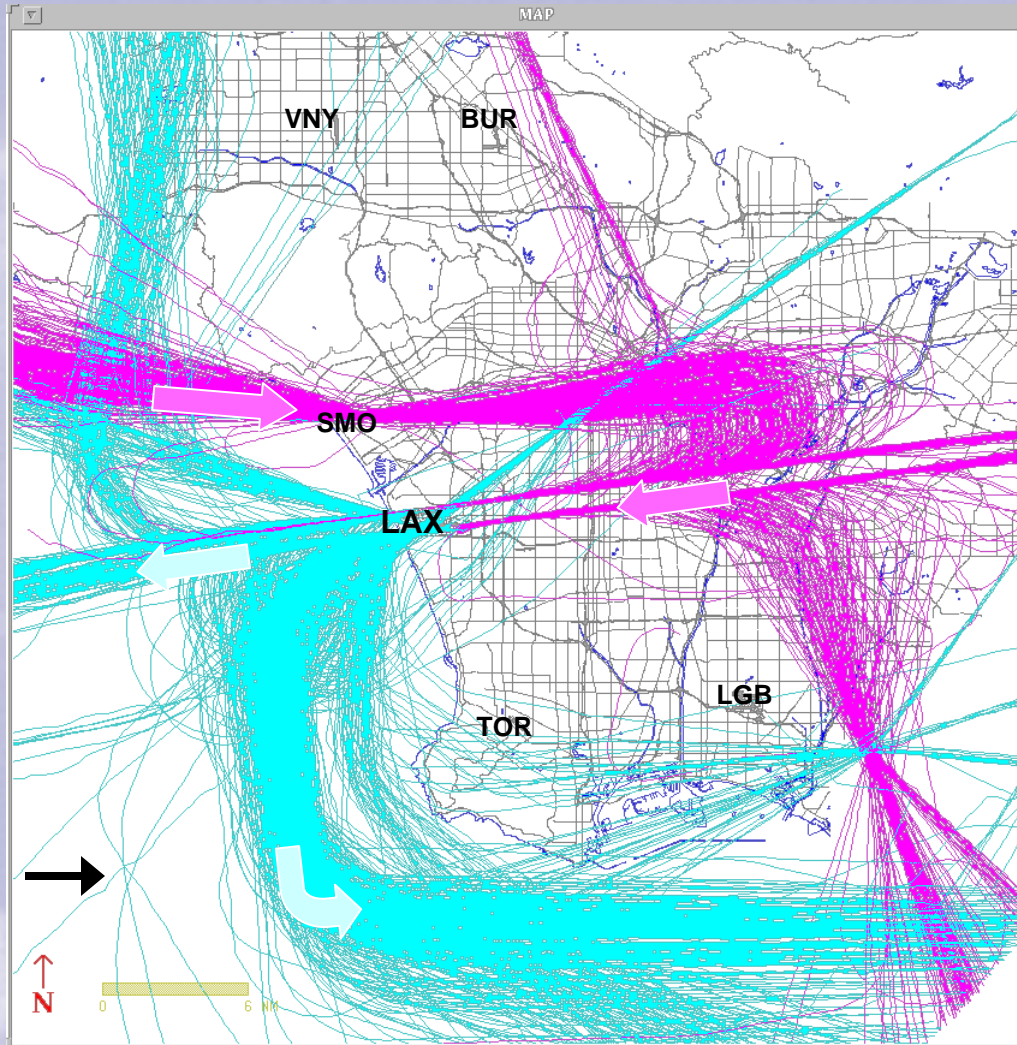
May 23, 2006

We fly as **ONE**

LAX Part 161 Study

- LAX Standard Flight Patterns
- LAX Part 161 Study
 - Background
 - LAX Current Situation
 - Part 161 Process
 - Study Milestones
 - Questions & Answers

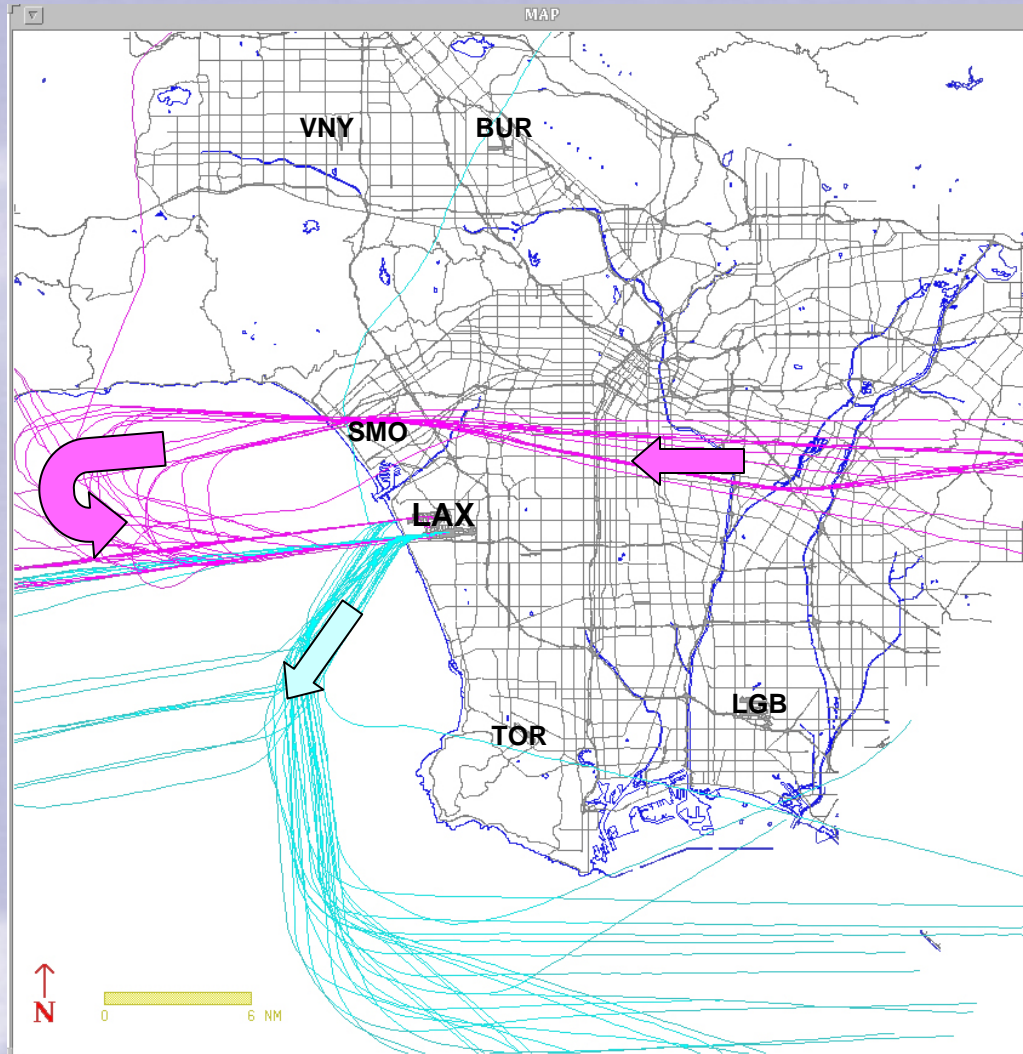
Westerly Operations



April 27, 2006
(6:30 a.m. to Midnight)

Pink Tracks – Arrivals
Blue Tracks - Departures

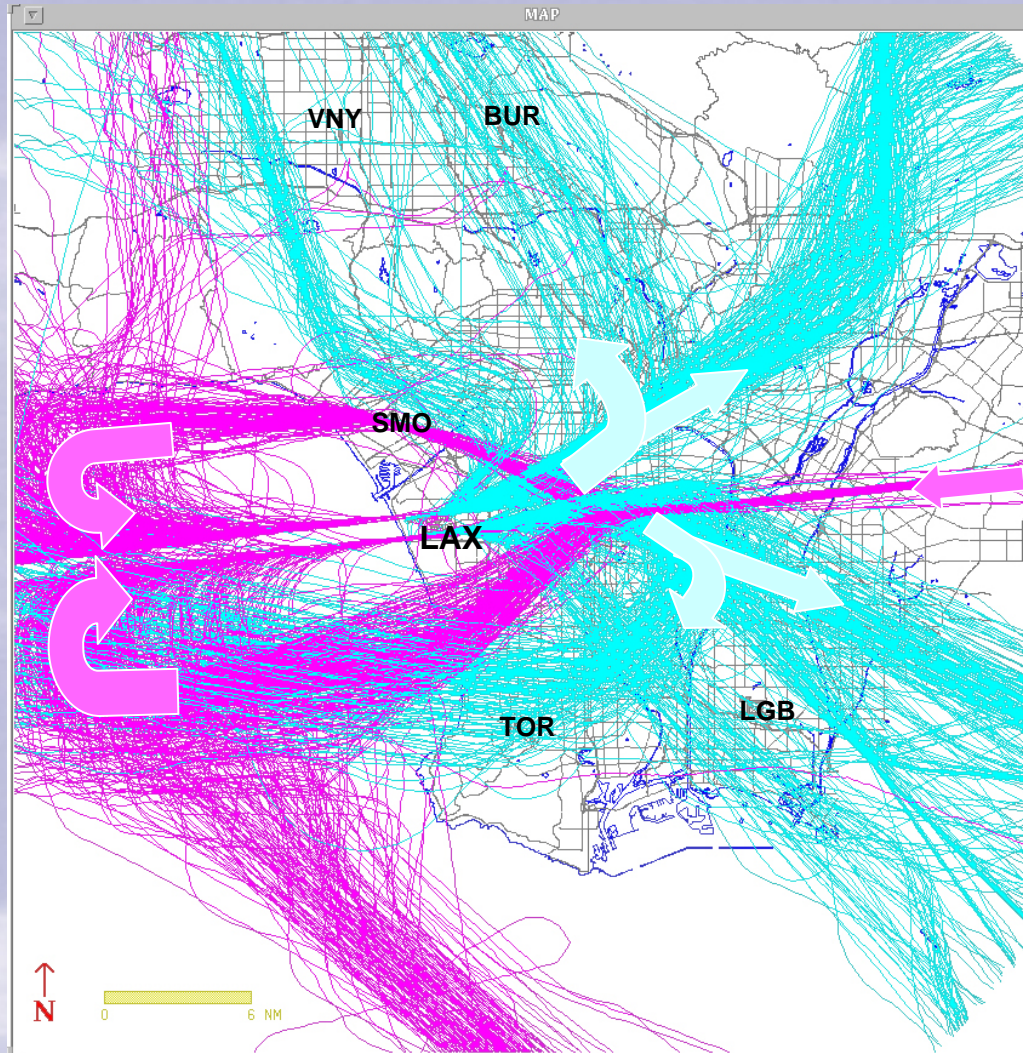
Over Ocean Operations



April 27, 2006
(Midnight to 6:30 a.m.)

Pink Tracks – Arrivals
Blue Tracks - Departures

Easterly Operations



February 27, 2006
(6 a.m. to Midnight)

Pink Tracks – Arrivals
Blue Tracks - Departures

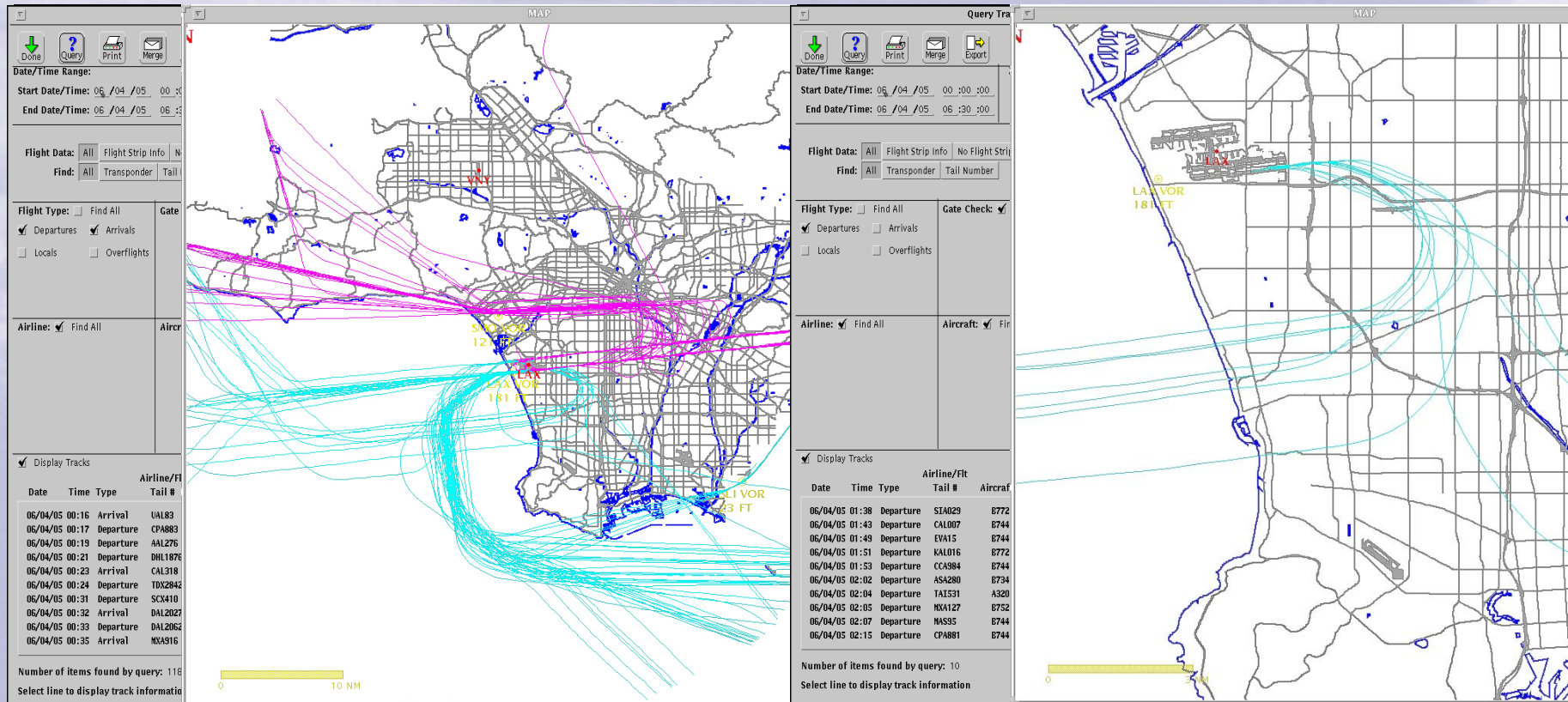
LAX Part 161 Study

- Originated under the LAX Roundtable Work Plan (added to the Settlement Agreements, MMRP, and the CBA)
- Goal is to prohibit the east departure at night when LAX is in Over Ocean-Operations or when it remains in Westerly Operations during the nighttime hours.
 - **Does not affect Easterly Operations**
 - **Exemptions for Military, Medical/Mercy Flights and Government (Law enforcement, Fire/rescue operations, other emergency)**
- This is known as the ***Proposed Restriction (PR)***

Example of Targeted Departures

June 4, 2005, Midnight to 6:30 a.m.

Due to 9Kt Winds from East



Current Situation

- LAX had 80 non-conforming east departures in 2005 between midnight and 6:30 a.m.
- Non-conforming east departures are sporadic and unpredictable
- Non-conforming east departures disturb thousands of people and generate numerous complaints

Legal Basis of a Part 161 Study

- Federal Law, Airport Noise and Capacity Act of 1990 (ANCA)
- Federal Aviation Regulations Part 161 (14 CFR Part 161)
- A Part 161 Study is required to enact any local noise and access restriction(s)

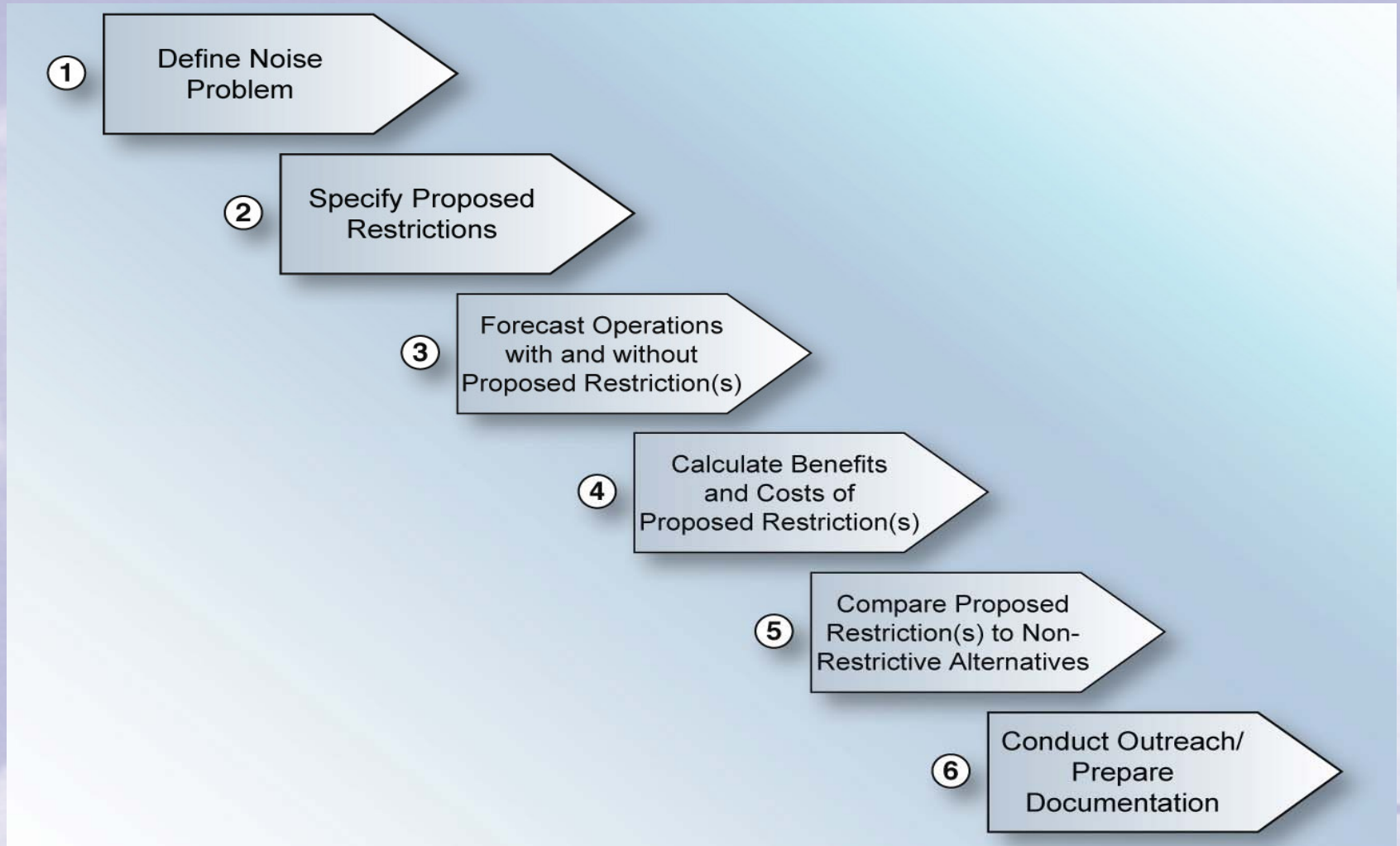
What is a Part 161 Study

A Part 161 Study is a technical and legal study to be submitted to the FAA justifying a waiver from the federal preemption of local noise and access restrictions at an airport

Part 161 Study Process

- Element 1
 - **Collect and analyze data**
 - **Explain the environmental and economic impacts of the *Proposed Restriction***
 - **Prepare the required reports and application materials**
- Element 2
 - **Notify the public, airport stakeholders and the FAA**
 - **Allow sufficient time for comment on the *Proposed Restriction***
- Element 3
 - **Submit the *Proposed Restriction* and supporting documentation to the FAA for review and approval**

Part 161 Process



Part 161 is a Difficult Process

- FAA has approved no Part 161 Studies
- LAWA must prove the Benefits of the PR exceed the Costs
- Probability of FAA approval of LAX Part 161 is low
- Approved Part 161 Study is not binding on FAA

Part 161 Findings

ANCA and the Part 161 Regulation require LAWA to collect substantial evidence to prove that the *Proposed Restriction* meets the following requirements:

- 1. Reasonable, non-arbitrary and nondiscriminatory**
- 2. Undue burden on interstate or foreign commerce**
- 3. Maintain safe and efficient use of navigable airspace**
- 4. No conflict with existing federal statutes or regulation**
- 5. No undue burden on the national aviation system**
- 6. Opportunity for public comment**

Where Are We Now?

- Harris Miller Miller & Hanson Inc. (HMMH), Study Kicked-off June 8, 2005
- Technical consulting team is performing the required analyses, forecasting, and modeling for the Study
- Part 161 legal team is working on the required legal analyses and findings

Short Term Study Milestones

- **LAX weight penalty analysis completed by June**
- **The 2008 baseline and 2013 projected fleet mix forecast by July**
- **The 2008 baseline and 2013 forecast noise contours by August**
- **LAX ground simulation analysis by July**

Major Project Milestones

- Complete required analyses of the *Proposed Restriction (PR)* (June 2007)
- Prepare/distribute Notice of *PR* (October 2007)
- Prepare applications and reports for submittal to the FAA (November 2007)
- Develop text of the *PR* (December 2007)
- Complete Public Outreach Program (June 2008)

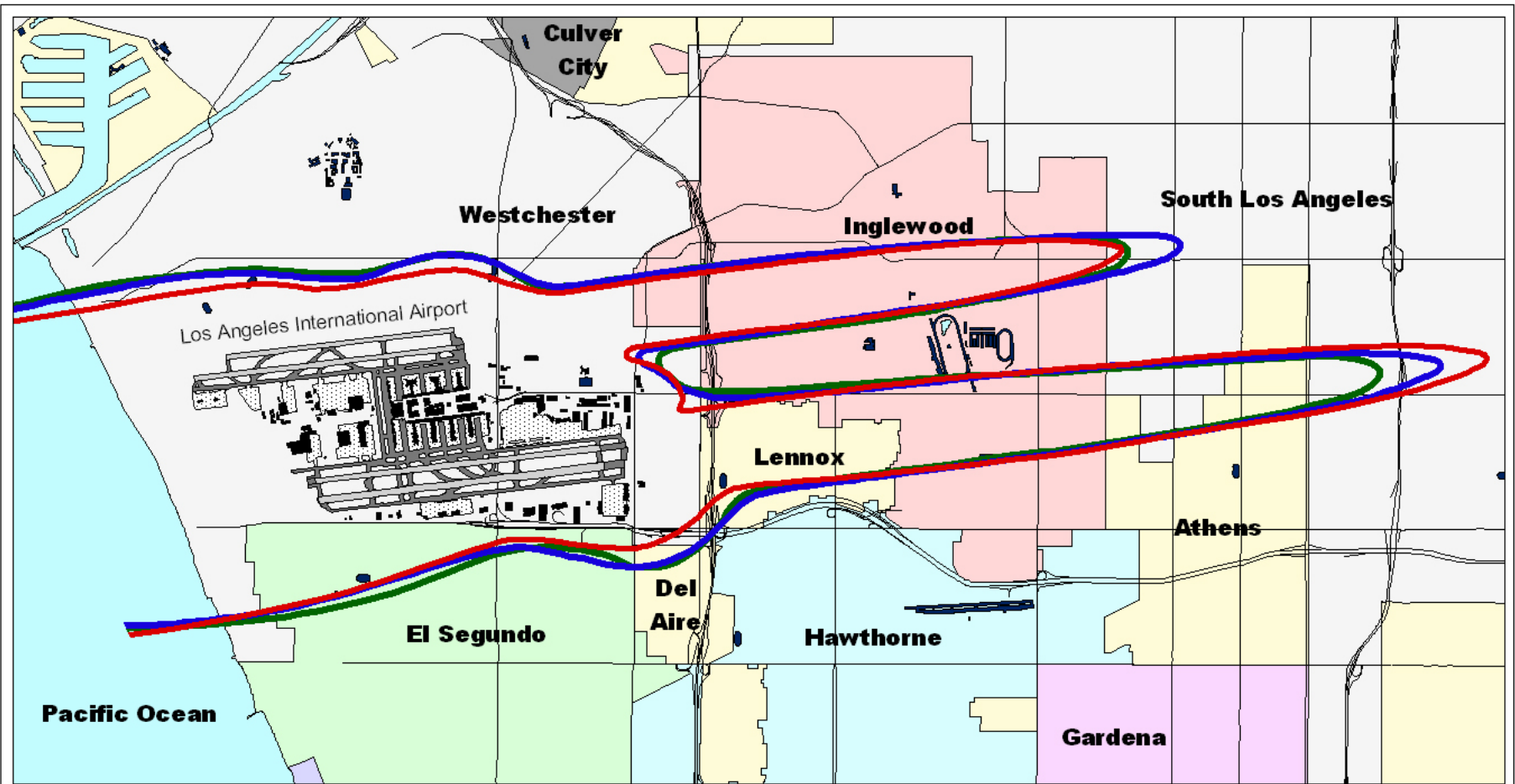
LAX Part 161 Study



Questions

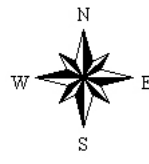
We fly as **ONE**

History of Noise Footprint



LEGEND

-  4Q 1996 – 65 dB CNEL
-  4Q 2001 – 65 dB CNEL
-  4Q 2005 – 65 dB CNEL



1 0 1 Miles



LAX 65 dB CNEL Comparison Map



Noise Management Division

Created By: Walter Parraga, Environmental Supervisor
Prepared By: Dan W. Young, Environmental Analyst
Prepared On: May 05, 2006
Doc. No: LA-2006-05 - 024 (RPT) RPT Contour Chart (65 dB) Noise map.apr

