

# Japantown Neighborhood Association

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**MINETA SAN JOSÉ INTERNATIONAL AIRPORT**

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# Overview

- ✈ **FAA Priorities**
- ✈ **Which Flight Patterns are used?**
- ✈ **Traffic Flows**
- ✈ **Japantown Location**
- ✈ **Curfew Summary**
- ✈ **Significant Events**
- ✈ **Ongoing Efforts**
- ✈ **Summary**



# Federal Aviation Administration Priorities



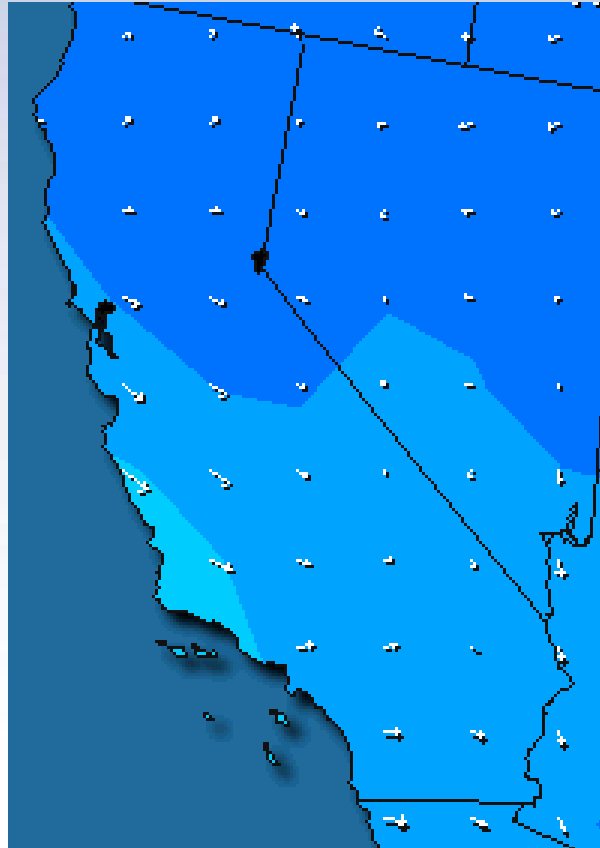
Federal Aviation  
Administration

- **Flight Safety**
- **Expeditious Flow of Traffic**
- **Environmental – Noise, Air and Water Quality**

## Which Flight Patterns are used?

- Wind Direction
- Based on Runway Alignment
- Air Traffic Control Operations

# Typical Summer Wind Pattern

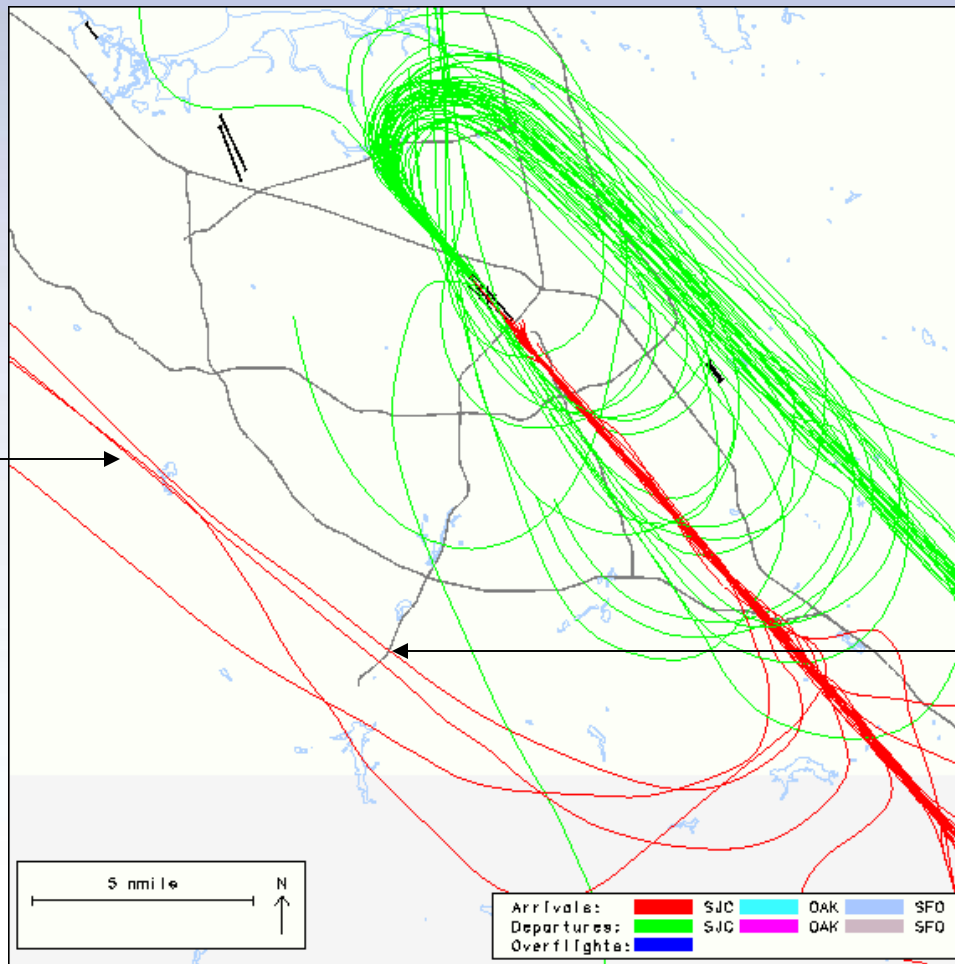






# North Flow Traffic Pattern

Altitude  
between  
6000 and  
7000 ft



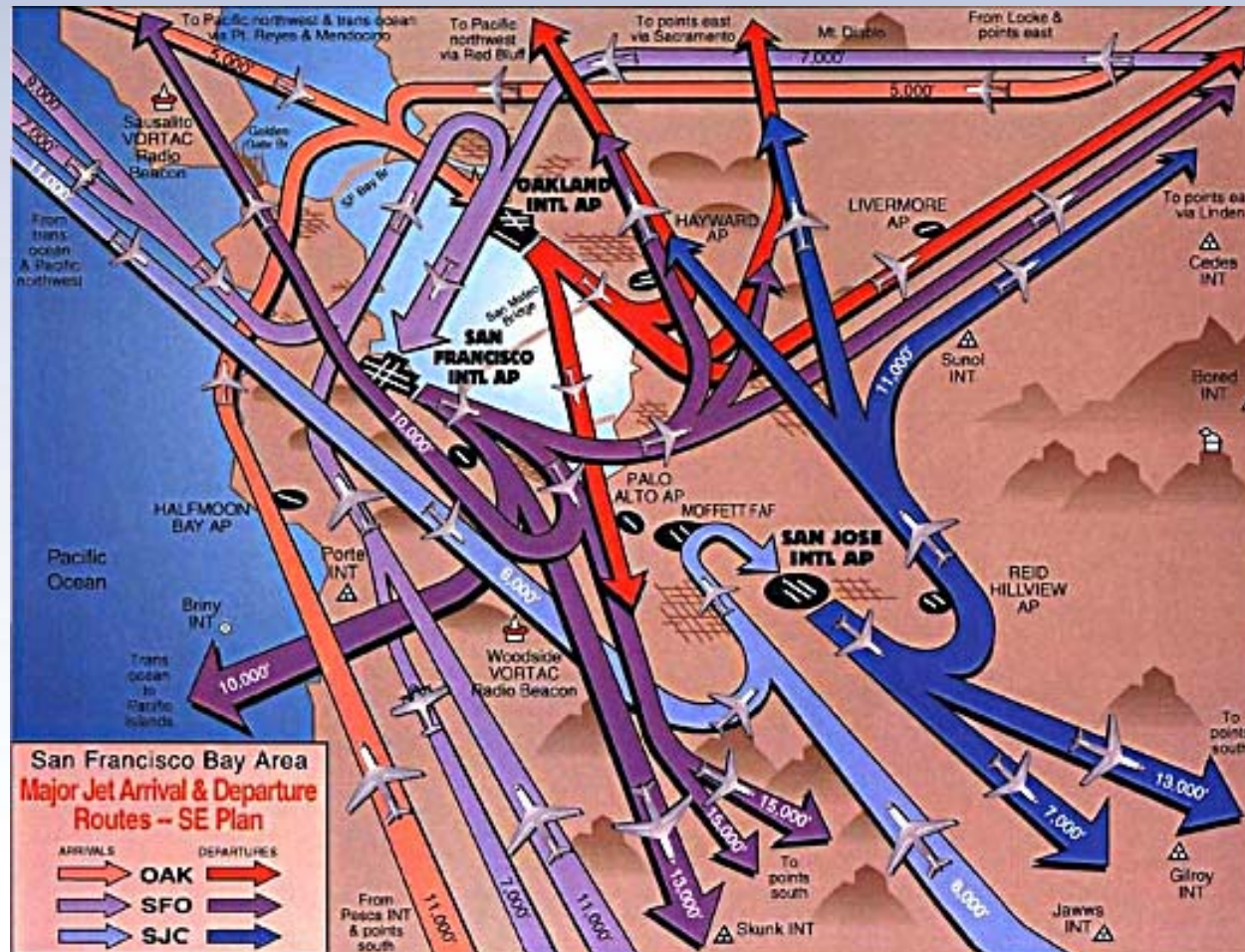
Altitude  
between  
4000 and  
5000 ft

## Properties of a North Flow Traffic Pattern

- Associated with clear weather conditions – 85 percent annually from the North
- Santa Clara and North San Jose residents experience high departure noise levels
- Higher Traffic patterns from aircraft arriving from the North
- More Visual Approach traffic



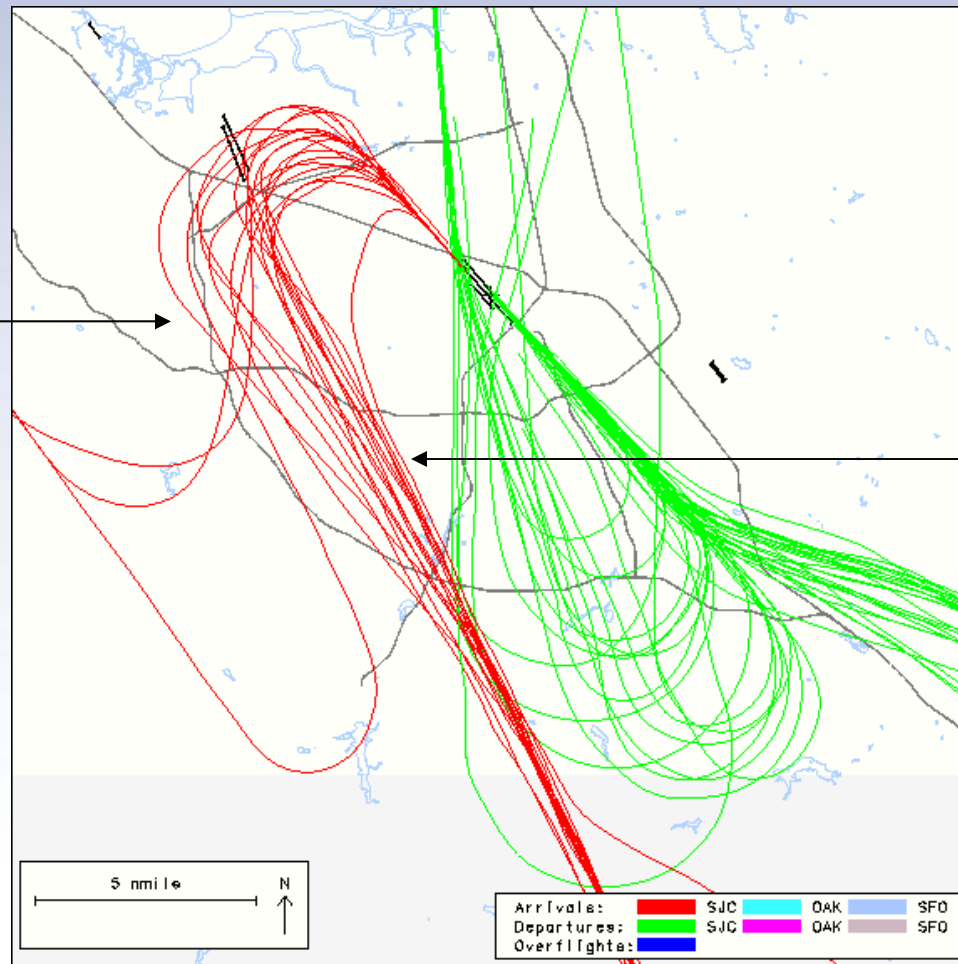
# South Flow Traffic Pattern



# South Flow Traffic Pattern

Altitude  
between  
2000 and  
3000 ft

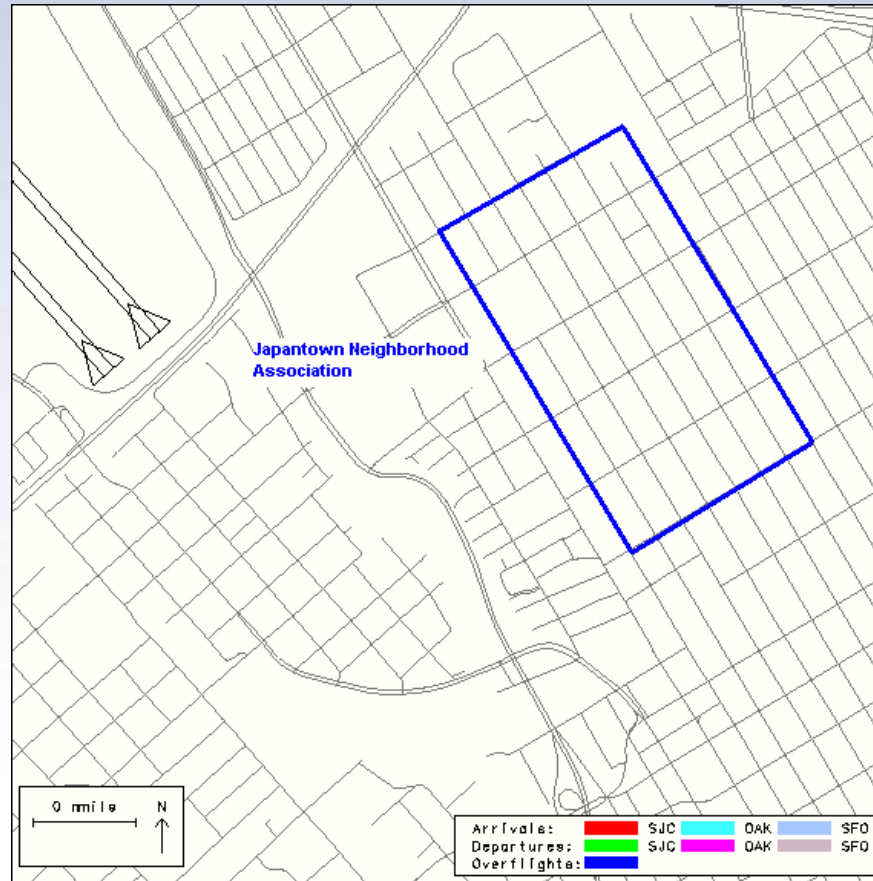
Altitude  
between  
3000 and  
5000 ft



## Properties of a South Flow Traffic Pattern

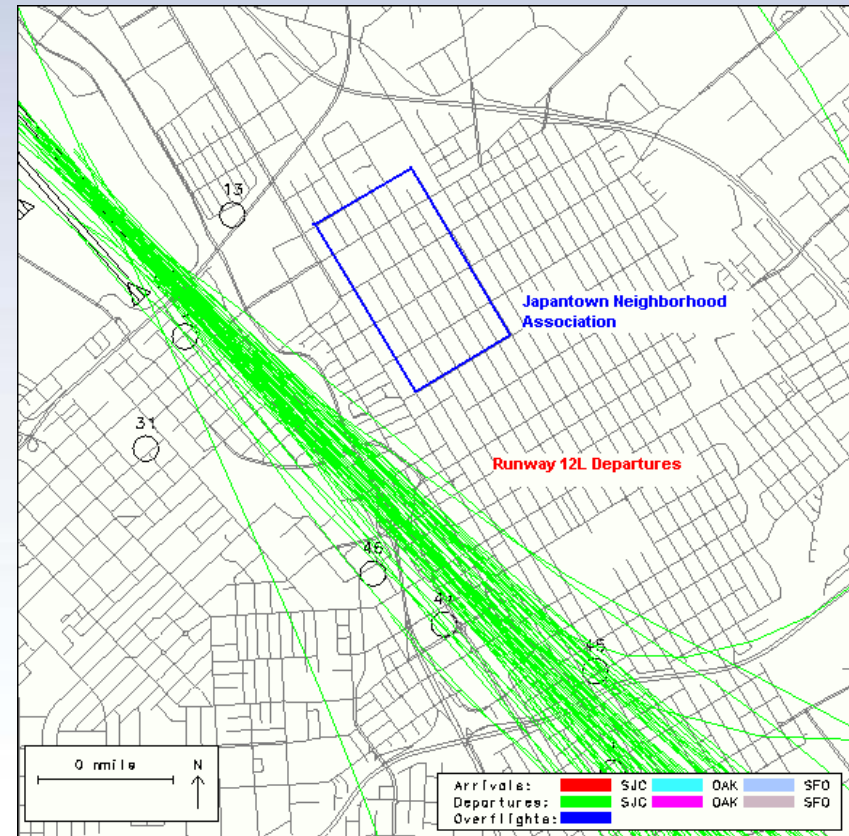
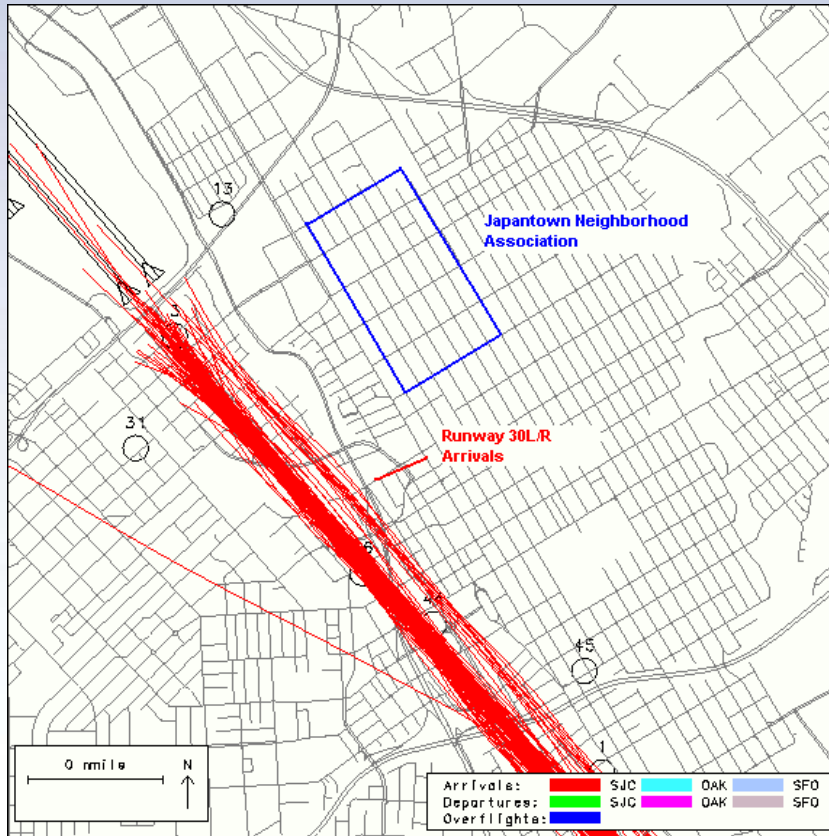
- Associated with storm systems through the Bay Area –15 percent annually (usually during the months of September to April)
- Residents immediately South of the Airport experience high departure noise levels
- Lower altitudes and close-in traffic patterns from aircraft arriving from the North
- Cloud cover normally associated with storms prevent noise from dissipating thus enhancing noise events

# Japantown Neighborhood Association





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# Curfew Monitoring

- 11:30 p.m. to 6:30 a.m.
- Any Stage 3 Jet Aircraft that generates a Certified Composite Noise Level equal to or less than 89.0 EPNdB\*
- Any other “grandfathered” Stage 3 Jet Aircraft that was allowed to operate under the original Curfew
- Exemptions From Curfew Hour Restrictions Remain Unchanged
- Enforcement Provisions – \$2,500 per occurrence



# Significant Events

## Airport Noise Control Program

- SJC was the first airport in California with a Certified Noise Monitoring System
- SJC has the only Curfew Program in the Bay Area that restricts nighttime operations
- SJC is the only airport in the United States that has effectively transitioned its Curfew Program from a weight based program to a noise based program

## Significant Events

### Acoustical Treatment Program (ACT)

- Recognized as one of the top Noise Abatement Programs in the country
- ACT Program has acoustically treated close to 1700 homes at a cost of \$84 million dollars
- Acoustically tested an additional 1000 homes between the 60-65 dB CNEL noise contour and provided Focused Treatment for eligible homes

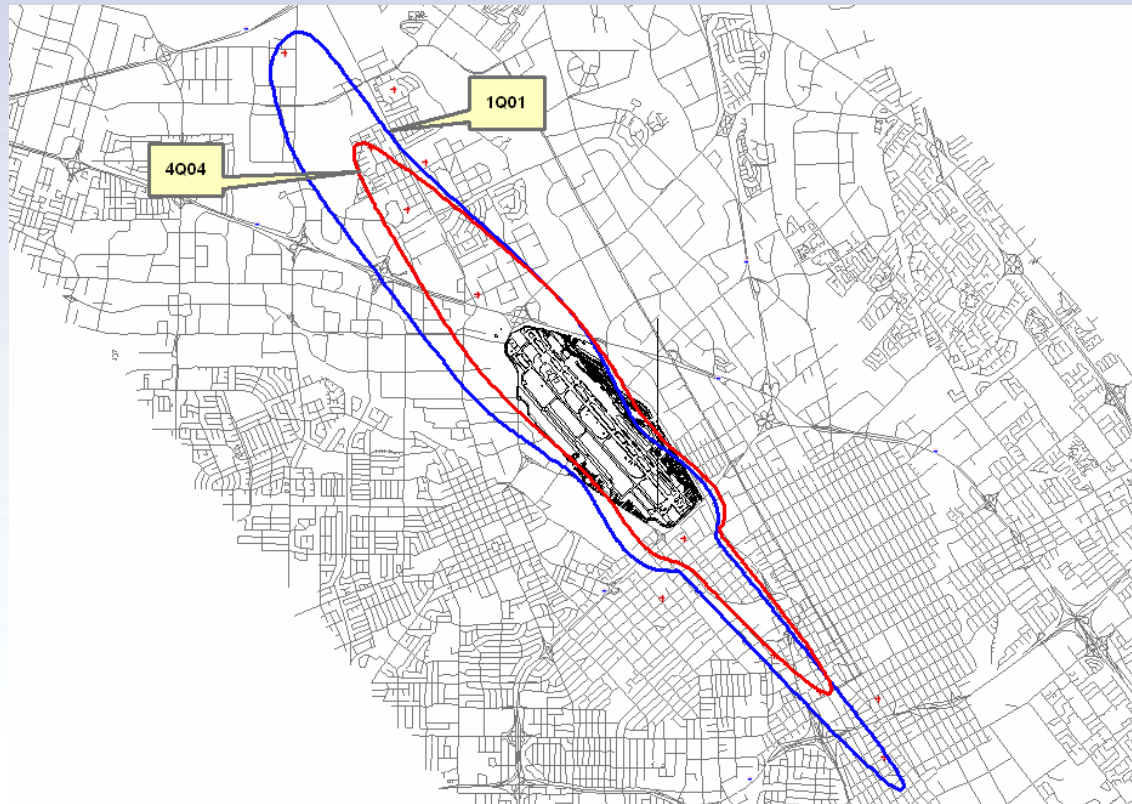
## Significant Events

### Acoustical Treatment Program (ACT)

- Acoustically treated four schools in Santa Clara and San Jose at a cost of over \$7 million dollars
- Implemented guidelines for acoustical treatment of over 400 historical homes
- Total Program of approximately 2500 homes at a cost of close to \$120 million dollars invested in the community. Estimated completion date: Late 2007

# Noise Impact Area Reduction of 98%

## 31% Reduction in total Contour Area



## Airport's Ongoing Efforts

- Upgrade Flight Tracking Software – AirportMonitor
- Installation of Thermal Imaging Cameras
- Internal Re-organization
- Airport Neighborhood Services Group
- 1.4 million dollar Noise Monitoring System Upgrade

# Noise Complaints are minimized through a comprehensive noise strategy

## 2004 Complaints by Airport

- Sacramento Intl/ Mather – 6833
- San Francisco - 5980
- Oakland - 1794
- San Jose - 1100

- Airport Noise Report Recorder
- Airport Web Based Products
  - Noise and Acoustical Treatment Program (ACT) Web Pages
  - AirportMonitor – Flight Tracking
- Online State and Federal Reports
- Coordinated Outreach
- Airport Noise Advisory Committee Meetings



## **Noise Report Recorder & Noise Center**

**To report a noise concern, residents should contact the Noise Monitoring Center:**

- phone: 408-452-0707
- email: [noisecenter@sjc.org](mailto:noisecenter@sjc.org)

**Residents should be prepared to provide:**

- Name
- Address
- Phone Number
- Date/ Time of Event(s)