



Airport Environmental Initiatives

Energy conservation and renewable energy

- Optimization of energy performance through energy modeling for the new buildings
- LED technology: edge lighting for runways and taxiways (phasing in over 2-8 years), exit lights in the new buildings
- PV Solar – 1MW system (RFP out)
- Departure lounges in Terminal C had motion sensors installed to shut off lights when closed.
- In Terminal C removed light fixtures from every other row in the south concourse to reduce lighting loads.
- In Terminal C, disconnected light fixtures along perimeter windows.
- In Terminal C, connected selected interior lights to photocell control
- In Terminal C, retro-fitted 4 lamp T12 fixtures to 2 lamp T8's.
- In Terminal A, roadway lighting under bridge connected to photocell from 24/7 operation.
- In Terminal A, replaced all 175w HID fixtures in garage to 3 lamp 40 watt fluorescent, removed associated UPS for HID fixtures.

Air quality enhancement

- Provide airlines with 400 Hz ground power system at boarding gates.
- CNG Station opened to the public in 2003 and provides the cheapest alternative fuel in the SF Bay area.
- 122 clean-fuel taxis that account for over 42% of taxi trips at the Airport
- Taxi incentives program and grant assistance to encourage conversion to alternate fuel.
- In 2008, Airport's 34-bus shuttle fleet will be entirely converted from diesel to compressed natural gas. The complete replacement of SJC's diesel shuttle buses with CNG buses is expected to result in over 100 tons of reduced emissions annually.
- Free VTA transit passes are provided to 500 Airport employees and approx. 3,000 tenant employees working at the Airport to encourage the use of public transportation.
- The Airport subsidizes free VTA shuttle bus service, called the Airport Flyer, between the Airport terminals, the Metro Light Rail station, and the Santa Clara Caltrain station.
- Free shuttle bus service is provided between Airport terminals and to and from both the rental car center and the long-term parking lot.
- Taxis are required to park in designated queues and advance for customer pickup only when dispatched. This procedure also cuts down on engine idling.
- Commercial vehicle operators are required to pay a fee for every vehicle trip in the terminal area. To the extent feasible, airport construction employee parking is designated for off-airport areas with shuttle bus operations used to reduce individual vehicle trips.
- Airport employee parking is strategically consolidated and shuttle bus operations are used to reduce vehicle trips
- Cell Phone Lot – designated waiting areas on Airport Parkway for family and friends vehicles that wait for passengers to call them when they are ready for pick-up at the Terminals
- Alternative Fuels Program (AFP) that provides incentives to encourage tenants to convert their vehicles to CNG or other alternative, cleaner burning vehicles.
- Since 2000, the Airport has only purchased alternate-fuel vehicles.
- Free electric vehicle-charging stations have been available in the Terminal A Garage since 2001.
- Battery Operated Vehicles
- Improving the Airport Roadway system in order to improve circulation, reduce delay and reduce unnecessary trips through the Airport campus.
- Runway/taxiway improvements have been made to reduce aircraft movement delays.
- All airlines are encouraged to perform single or reduced engine taxiing to the extent determined safe and efficient.
- Construction contractors are required to implement pollutant emissions abatement measures.



Environmental Program Facts:

Noise abatement

- Acoustical Treatment Program (ACT) - total treated to date =2400 Dwelling Units
- Sound Control System – the Airport has 13 stations across the City of San Jose and Santa Clara

Water conservation and water quality enhancement

- Recycled water for new buildings (double plumbing in Terminal B and the North Concourse, plans to use recycled water)
- Waterless urinals at the new buildings
- Building Services has proactively switched to *green seal* certified chemicals for cleaning efficiency and protection of employee and customer health
- Landscaping: Recycled water and low water planting

Natural resources management

- Reduce chemical use by using goats for weed control
- Wildlife protection
- Usage of low water and native plants

Solid waste reduction and recycling

- Undergoing efforts to set Solid Waste Reduction and Recycling program to increase recycling by the Airport and its tenants.
- Composting of food waste
- New Compactors for Terminal A North and Terminal C
- New structural pest control contract

Hazardous materials and waste management and remediation

- Best Management Practice protocol established for the collection and recycling of deicing fluid

Green buildings and facilities

- LEED standards for New Construction (NC) - attaining LEED Certified: North Concourse and Terminal B
- Self certification for Terminal A and the Consolidated Rental Car Garage

Administrative

- Sustainability Strategy and Environmental Policies for the Airport under development
- Green Business Certification

Roadways

- Grade separation lighting connected to photocell from 24/7 operation.
- Perimeter road lighting converted from 70w HPS to 25w fluorescent

Landscape Management

- Low Water landscaping
- Sheep and goat grazing avoids herbicides and fossil fuels use.

For more information, visit the Airport website at www.sjc.org or call the Customer Assistance Line: 408.501.0979.



Norman Y. Mineta San José International Airport is located in San José, California's 3rd largest city and the nation's 10th largest city (population of 973,672). The Airport is a self-supporting enterprise, owned and operated by the City of San José, with an operating budget of \$121.1 Million (adopted 06/07). No tax funds are used for the operation nor development of the Airport. Airport revenues come from user fees and federal grants.

The Airport generates \$136.6 million in operating revenue. Mineta San José International Airport also generates \$4 billion in direct business spending in the local community and 70,000 jobs in the San José Area.

In 2007, the Airport served some 10.7 million domestic and international passengers, ranking 39th in the nation. It is served by 13 commercial airlines with an average of 166 commercial daily departures to 31 destinations. The Airport also handled 175.9 million pounds in domestic and international cargo in 2007.

SJC Statistics*

- SJC is the only commercial airport in Santa Clara County/Silicon Valley
- SJC is more conveniently located to about 4 million people in the Bay Area than any other local commercial airport.
- SJC is only two miles from downtown San José, the capital of Silicon Valley.
- SJC's excellent on-time performance and less crowded aircraft make it the best airport for passengers in the nation according to US News & World Report (2/11/08).
- 82 Silicon Valley companies with market capitalization greater than \$1 billion are clustered within a 12-mile radius of SJC.
- 29 of the nation's top 100 fastest growing technology companies are located in Silicon Valley.

