

# APPENDIX B-3-14: SAN FRANCISCO INTERNATIONAL AIRPORT

## Airport Address

806 South Airport Boulevard  
San Francisco, CA 94128-8097

## Air Cargo Contact

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## Caltrans Contacts

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Although San Francisco International Airport (SFO) is a department of the City and County of San Francisco, it is located at the north edge of San Mateo County on the west side of the San Francisco Bay. As northern California's primary international gateway airport, SFO is one of three main cargo-carrying airports (along with Oakland International and Mineta San Jose International) in the Bay Area.

## OPERATIONS

SFO operates 24 hours a day, 7 days a week (24/7) and is the first major California airport to operate without a noise variance because it has eliminated all surrounding incompatible land uses within the State's Community Noise Equivalent Level 65 decibel noise contour line.

## FACILITIES AND SERVICES

- Cargo service is available from over 40 airlines, including several cargo-only airlines.
- U. S. Custom's services are available on site 24/7.
- SFO's 11 cargo facilities provide over a million square feet of warehouse and office space.

## AIRPORT TRADE CHARACTERISTICS

- According to the 2013 Economic Impact Study of SFO, 29 percent of all California air exports that originated in the State passed through SFO.
- Over 70 percent of the Bay Area's combined domestic and international exports shipped via SFO consisted of computer and electronic manufacturing in 2011.



- Approximately 60% of cargo at SFO is carried on passenger aircraft. Over half of that total is international cargo.
- United Airlines transports the most air cargo by weight at SFO with over 22 percent of the total.
- SFO is a major trade hub with Pacific Rim countries like South Korea, Japan, and Taiwan.
- Roughly 75 percent of cargo at SFO is international.

- International export shipments through SFO in 2011 were valued at \$8.64 billion and domestic shipments were worth \$7.99 billion.

## **SURFACE TRANSPORTATION NETWORK**

### **TRUCKING**

#### *Primary North-South Routes*

- US 101 and I-280

#### *Primary East-West Routes*

- I-580 (via the San Mateo Bridge) and I-80, the western leg of a national freight corridor (via the Bay Bridge).

On SR-24 (Caldicott Tunnel), no liquefied petroleum gas, or poisonous gas in tank truck, trailer or semi-trailers allowed, and no explosives or flammables on either Routes 80 (Bay Bridge) or on SR 24.

### **SEAPORTS AND RAIL LINE ACCESS**

- The Port of San Francisco Foreign Trade Zone is located 13 miles away.
- The San Francisco Bay Railroad short-line serves the Port and interchanges commodities with Union Pacific (UP).

### **PLANNED PROJECTS**

- Caltrans is working with UC Berkeley on a Bay Area Rapid Transit (BART) Air Freight study to assess the feasibility of transporting freight off-peak on the same light rail system.
- The FY 13/14 Airport Capital Plan lists projects to replace and renovate cargo and hangar facilities at West Field Cargo, the SuperBay Hangar, and Japan Airlines (JAL) Cargo.

### **OTHER AIRPORT FACTS**

- In 2013, SFO was preliminarily ranked the 17<sup>th</sup> largest air cargo airport in the nation by the North America Airports Council International (ACI), transporting 401,015 tons.
- According to the Economic Impact Study, more than \$900 million in tax revenue is attributable to direct and indirect SFO air-reliant shipper activity and \$499 million in U.S. Customs revenue comes from SFO domestic air freight shipments.
- SFO is responsible for 35,400 cargo-related jobs.
- By 2035, air cargo is expected to increase by 127% percent, mostly due to growth in international cargo demand.

## **CONSTRAINTS AND ISSUES**

- Exacerbated by being located within a peninsula, trucking contributes to roadway congestion, safety, environmental, and pavement damage issues for surrounding communities.
- Federal Highway Administration (FHWA) identified I-80 at I-580/I-880 (Bay Bridge approach) among the worst freight bottlenecks in California's supply chain.

## **CALTRANS FOCUS AREAS**

- Implement ways to alleviate highway bottlenecks along truck routes—like BART air freight efforts.
- Improve pavement conditions due to truck damage.
- Develop plan for handling sea level rise to ensure freight accessibility.

## **TRANSPORTATION PLANNING PARTNERS**

Association of Bay Area Governments (ABAG):

<http://www.abag.ca.gov/>

Bay Area Air Quality Management District

(BAAQMD): <http://baaqmd.gov/>

Bay Conservation and Development Commission

(BCDC): <http://www.bcdc.ca.gov/>

Metropolitan Transportation Commission (MTC):

<http://www.mtc.ca.gov>

## **SOURCES**

2013 Economic Impact Study of San Francisco

International Airport:

<http://media.flysfo.com.s3.amazonaws.com/default/downloads/reports/SFOEconomicImpactReport2013.pdf>

Air Cargo World: <http://www.aircargoworld.com>

California Air Cargo Groundside Needs Study, prepared for Caltrans by System Metrics Group, Incorporated:

[http://www.dot.ca.gov/hq/tpp/offices/ogm/air\\_cargo/PartI\\_Air\\_Crgo\\_Grd\\_Side\\_Needs\\_Stdy\\_Fnl\\_2013\\_October\\_21.docx](http://www.dot.ca.gov/hq/tpp/offices/ogm/air_cargo/PartI_Air_Crgo_Grd_Side_Needs_Stdy_Fnl_2013_October_21.docx)

Goods Movement Action Plan (2007), California Air Resource Board and Business, Transportation and Housing: <http://www.arb.ca.gov/gmp/docs/gmap-1-11-07.pdf>

Regional Goods Movement Study for the San Francisco Bay Area, Metropolitan Transportation Commission (MTC), 2004:

<http://www.mtc.ca.gov/planning/rgm/>

MTC Regional Airport Planning:

[http://www.mtc.ca.gov/planning/air\\_plan/](http://www.mtc.ca.gov/planning/air_plan/)

San Francisco International Airport Air Cargo:

<http://www.flysfo.com/web/page/about/b2b/cargo/>