



Monthly Noise Report December 2009



Monthly Noise Report
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Analysis of December 2009 Noise Data

At the direction of the City Council, the Monthly Noise Report (MNR) has been designed to present a comprehensive picture of the Airport's noise impact on the community. The Analysis Section is intended to provide an identification of significant trends relating to observed data captured in the report.

Terminology

To establish terminology consistent with the Airport Noise Control Program (**ANCP**), the following terminology is used to describe aircraft operations that occur during the curfew period. All aircraft operations occurring during the curfew are referred to as "**Intrusions**". Those intrusions that occur for reasons that are exempted in the **ANCP** (*i.e. weather, mechanical or air traffic control problems*) are defined as "**Intrusions in Compliance**" with the **ANCP**. Those intrusions that are not exempted by the **ANCP** are defined as "**Intrusions in Non-Compliance**". All turbojet curfew intrusions are identified in the **Monthly Curfew Intrusion Report** section.

In the **Noise Complaint Summary** section of the report, the subheading **Commercial Aircraft** contains the following terminology: "**Intrusion Related**" identifies the number of complaints associated with curfew intrusions. The term "**Loud Aircraft**" refers to complaints about the loudness of a particular operation. Additionally, the category titled "**Frequency**" refers to complaints about multiple operations and helps to enhance the quality of the report's data. This assists in sorting the noise report data and clarifies the nature of these complaints.

On October 21, 2003, San Jose City Council approved Ordinance No. 27000 to preserve the existing nighttime noise environment by restructuring the "Curfew" from a weight-based to a noise-based curfew and adding provisions for fines and penalties. The Monthly Noise Report will now reflect the issuance of Administrative Citations as part of the curfew. The statement "**under investigation**" means the operation is in the process of being investigated for curfew compliance; the statement "**citation issued**" means a citation was issued for a non-compliant operation. Additionally, the statement "**under appeal**" means a citation is scheduled for an appeal hearing and no disposition is known; the statement "**citation overturned**" means a citation has been officially overturned by the Airport Commission.

Operational Impacts

The total scheduled commercial transport category turbojet operations for December 2009 was **100%** Stage 3.

Noise Complaints

The Noise Complaint Summary - December 2009 shows a decrease in the total number of complaints from **35** in November 2009 to **27** in December 2009 (a decrease of **8**). There was a total of **14** complainants, with one complainant accounting for **7** complaints, and another for **3** complaints.

Monthly Curfew Intrusions Report

December 2009 resulted in **38** curfew intrusions, an increase of **22** from November 2009. There were **3** complaints associated with the curfew intrusions. There was **1** operation "**In Non-Compliance**" with the Noise Control Program. A description can be found in the **Monthly Curfew Intrusions Report**.

Analysis of December 2009 Noise Data (continued)

General Aviation

Complaints associated with General Aviation operations changed from **10** in November 2009 to **7** in December 2009. There were **0** complaints associated with the San Jose Police Department helicopter surveillance activity.

Monthly Airline Turbojet Run-up Report

There was a total of **2** airline run-ups during December 2009. This compares with **4** in November 2009. There were **0** High Power Engine run-ups; **0** of which took place during the curfew hours. There were **0** complaints associated with engine run-ups. Engine run-ups were performed in accordance with Federal Aviation Administration and airline safety procedures.

Noise Complaint Summary - December 2009

Norman Y. Mineta San Jose International Airport Aircraft Monitoring Center

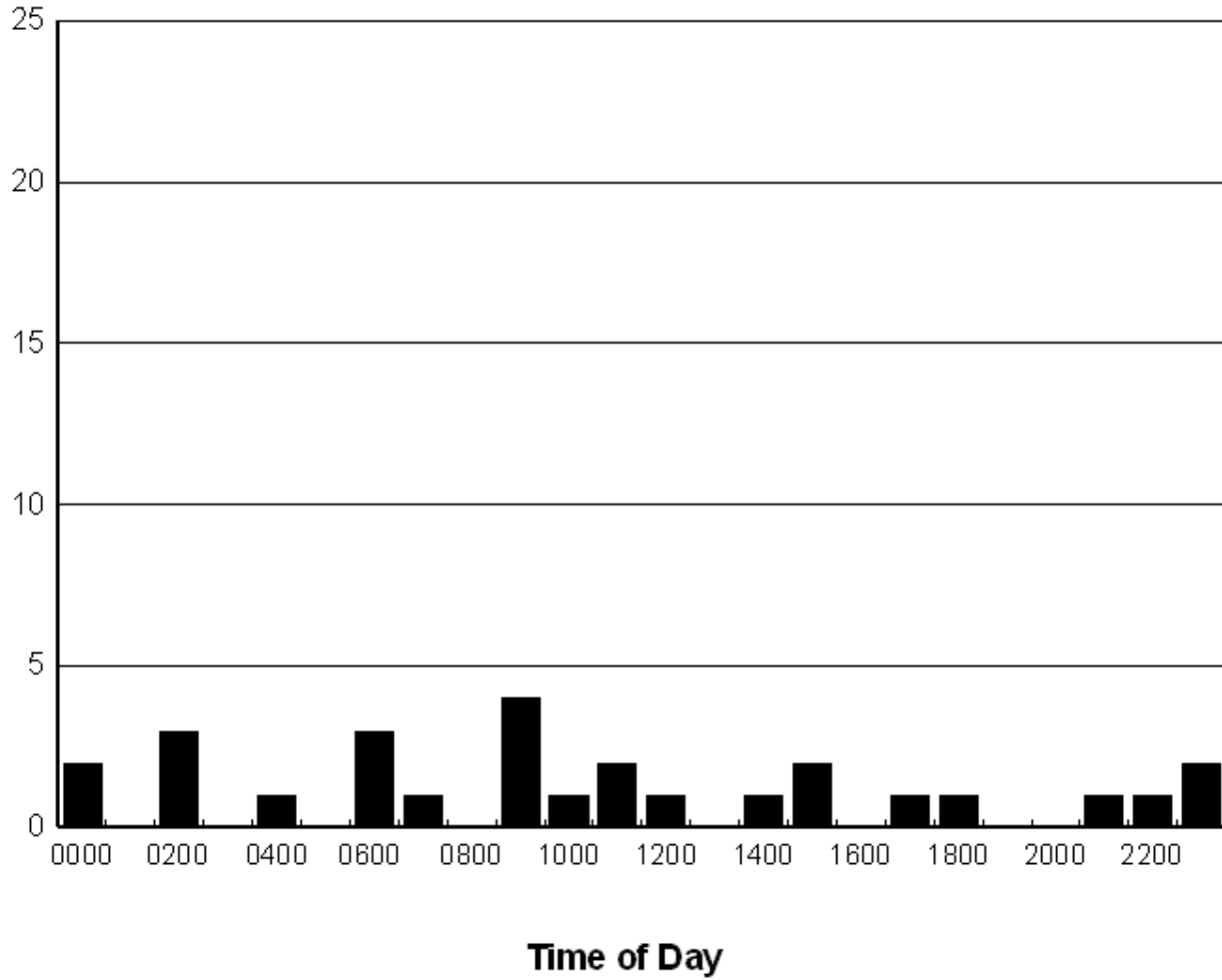
Noise Complaints		Jul 2009	Aug 2009	Sep 2009	Oct 2009	Nov 2009	Dec 2009
Commercial	Intrusion Related	4	3	0	1	0	1
	Loud	28	29	33	27	25	19
	Frequency	0	0	0	0	0	0
	Overflight	2	0	3	1	0	0
	Other	0	0	0	1	0	0
	Total	34	32	36	30	25	20
General Aviation	Intrusion Related	0	0	0	0	0	0
	Fixed Wing	12	2	8	8	9	7
	Helicopter	0	1	1	0	0	0
	Police Helicopter	1	0	0	0	1	0
	Total	13	3	9	8	10	7
Monthly Noise Complaints		47	35	46	38	35	27

Complaints by Area		Jul 2009	Aug 2009	Sep 2009	Oct 2009	Nov 2009	Dec 2009
City of San Jose	SJSH - Shasta/Hanchett	0	1	1	3	1	0
	SJRG - Rose Garden	1	0	0	3	0	1
	SJCC - Civic Center	4	1	5	2	3	5
	SJHP - Hensley Park	0	0	0	0	1	0
	SJWG - Willow Glen	10	4	9	6	4	5
	SJO - Other	4	6	10	9	5	2
	Total	19	12	25	23	14	13
City of Santa Clara	SCNA - North Areas	24	16	17	12	20	11
	SCO - Other	2	1	0	0	0	0
	Total	26	17	17	12	20	11
Other (Includes Unknown)	Other Areas	2	6	4	3	1	3
	Total	2	6	4	3	1	3
Monthly Noise Complaints		47	35	46	38	35	27

No. of Citizens Filing Complaints	18	19	16	22	18	14
Average Complaints per Day	1.5	1.1	1.5	1.2	1.2	.9

Noise Complaints by Time of Day

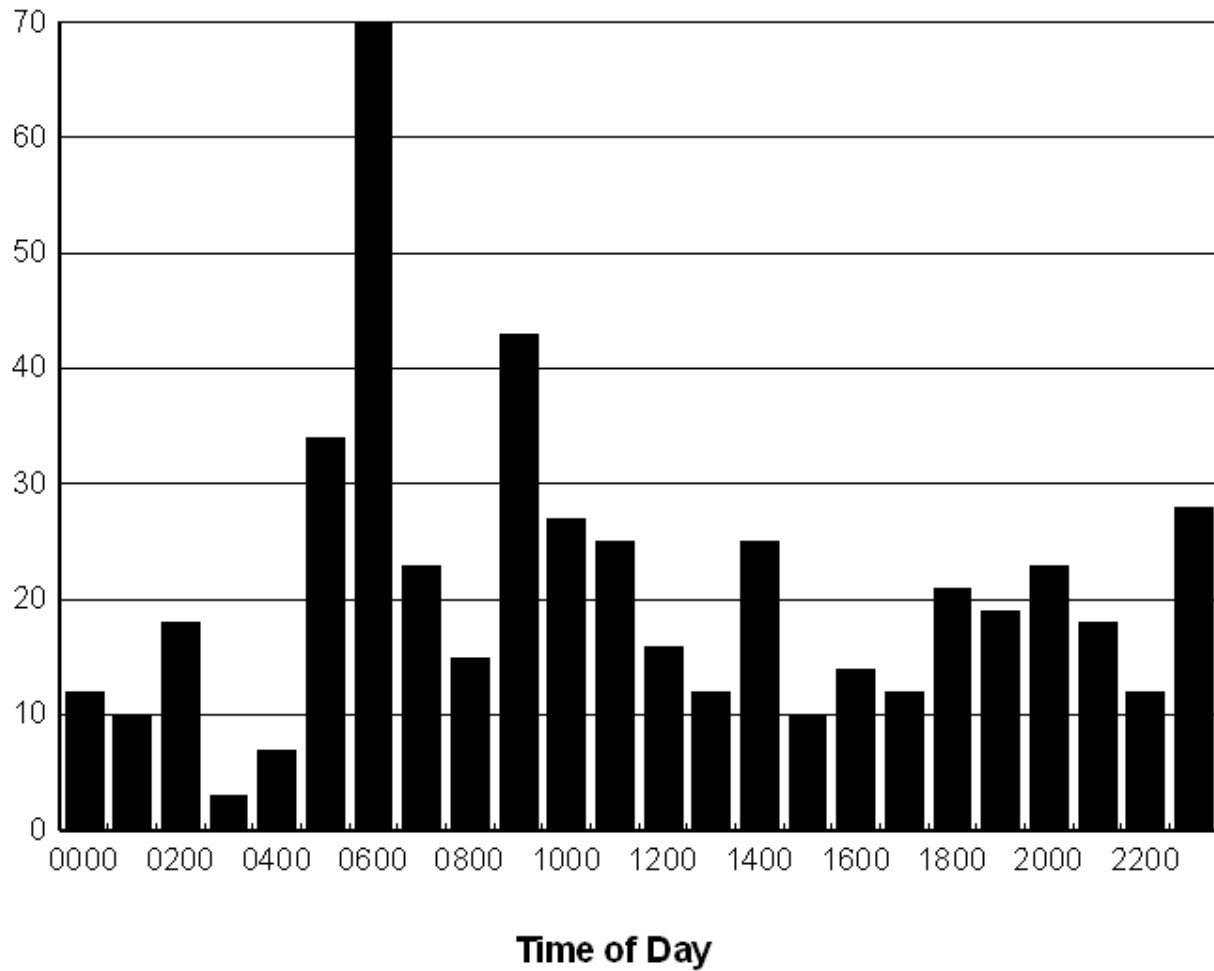
Norman Y. Mineta San Jose International Airport
Number of Complaints - December 2009



27 Total Complaints

Noise Complaints by Time of Day - YTD

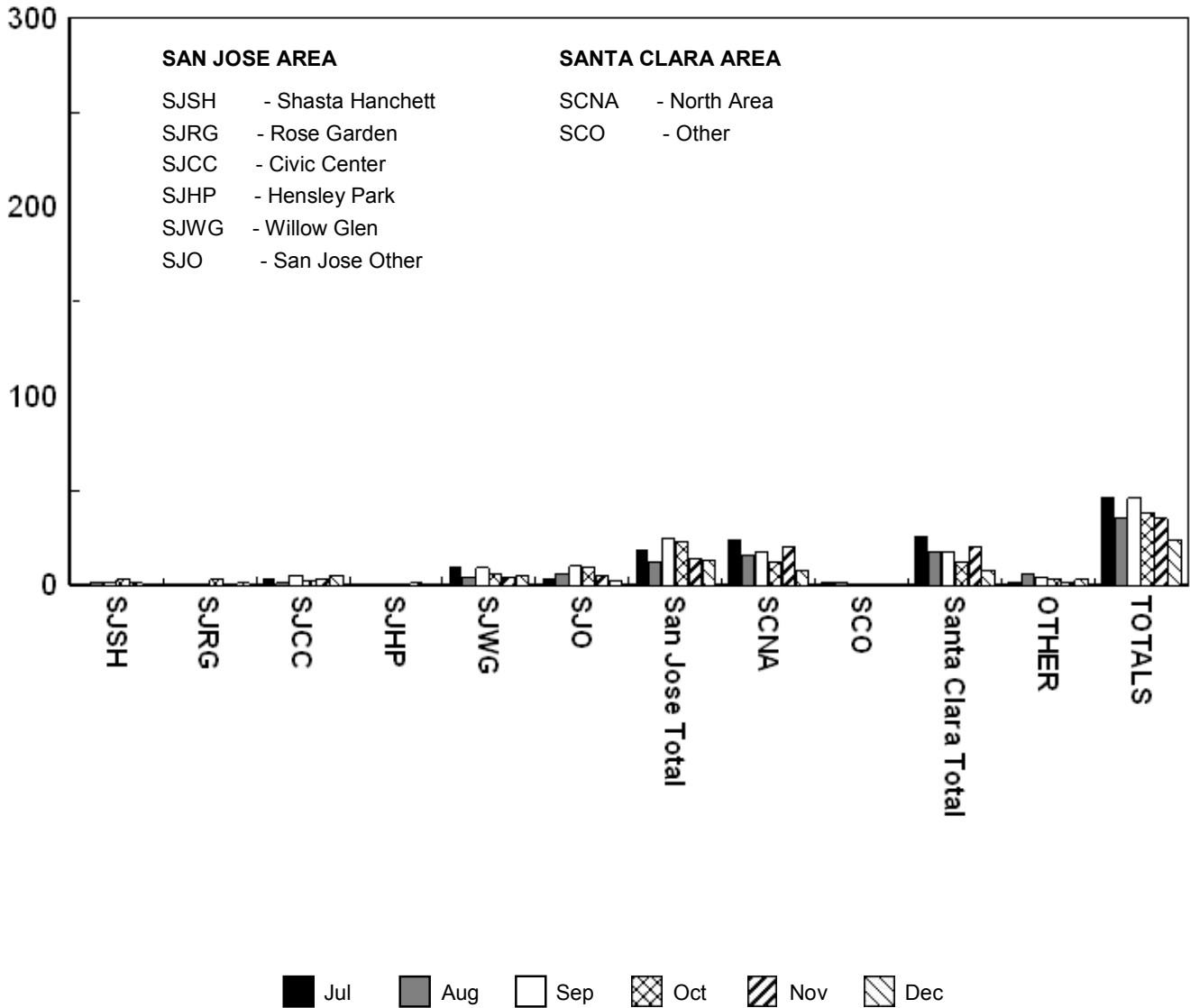
Norman Y. Mineta San Jose International Airport
Number of Complaints - YTD through December 2009



497 Total Complaints

Noise Complaints - City Areas

**Norman Y. Mineta San Jose International Airport - SJC
Complaints - July 2009 through December 2009**



Monthly Curfew Intrusion Report - December 2009

Norman Y. Mineta San Jose International Airport Aircraft Noise Monitoring Center

Curfew Intrusion Criteria

Curfew intrusion times are validated by ANOMS Noise Monitoring Sites #106 and #110 located at both ends of Runway 30L/12R. **All times are rounded to the nearest minute.**

Date	Time	Carrier	Flight_No	Runway	Aircraft	Comment	Complaints
12/05/09	05:20	COA	COA489	A30L	B738	WEATHER	0
12/06/09	23:26	AAL	AAL1035	A12R	MD83	WEATHER	0
12/08/09	23:20	AAL	AAL1035	A30L	MD83	WEATHER	0
12/09/09	02:11	AAL	AAL827	A30R	MD82	WEATHER	0
12/09/09	23:49	SWA	SWA1924	A30R	B733	WEATHER	0
12/10/09	00:14	UAL	UAL467	A30L	A320	WEATHER	0
12/11/09	00:04	SWA	SWA3135	A30L	B733	MECHANICAL	0
12/11/09	23:45	TRNSP3	724YS	D30R	B727	OTHER	1
12/12/09	01:42	ASA	ASA9003	A12R	B737	WEATHER	0
12/12/09	23:55	TRNSP3	724YS	D30R	B727	OTHER	0
12/13/09	23:49	JBU	JBU174	D30R	A320	ATC	0
12/14/09	23:33	DAL	DAL1197	A30L	B738	WEATHER	0
12/14/09	23:40	UAL	UAL467	A30L	A320	WEATHER	0
12/17/09	00:26	JBU	JBU174	D30L	A320	MECHANICAL	0
12/17/09	23:32	SWA	SWA1851	A30R	B737	MECHANICAL	0
12/17/09	23:58	NWA	NWA9944	D30R	A319	MECHANICAL	0
12/18/09	05:27	JBU	JBU174	D30R	A320	MECHANICAL	0
12/20/09	23:16	JBU	JBU174	D30R	A320	WEATHER	0
12/21/09	00:53	DAL	DAL8874	A30L	B763	WEATHER	0
12/21/09	02:24	DAL	DAL8874	D30R	B763	WEATHER	2
12/21/09	23:35	UAL	UAL467	A30L	A320	MECHANICAL	0
12/22/09	23:32	SWA	SWA1916	D30R	B737	MECHANICAL	0
12/23/09	01:37	TRNSP3	724YS	A30L	B727	OTHER	0
12/23/09	02:26	TRNSP3	724YS	D30R	B727	OTHER	0
12/23/09	23:37	SWA	SWA3135	A30L	B733	WEATHER	0
12/24/09	01:39	FFT	FFT165	A30R	A319	WEATHER	0
12/24/09	01:52	UAL	UAL467	A30L	A320	WEATHER	0
12/25/09	01:44	AAL	AAL1035	A30L	MD83	WEATHER	0
12/25/09	23:36	AAL	AAL1035	A30L	MD83	WEATHER	0
12/27/09	00:29	COA	COA489	A12R	B737	WEATHER	0
12/27/09	00:39	UAL	UAL467	A12R	A319	WEATHER	0
12/27/09	23:43	MXA	MXA951	D30R	A320	WEATHER	0

Curfew Intrusion Criteria

Curfew intrusion times are validated by ANOMS Noise Monitoring Sites #106 and #110 located at both ends of Runway 30L/12R. *All times are rounded to the nearest minute.*

Date	Time	Carrier	Flight_No	Runway	Aircraft	Comment	Complaints
12/30/09	00:25	JBU	JBU174	D12L	A320	WEATHER	0
12/30/09	00:42	AAL	AAL1035	A12R	MD82	WEATHER	0
12/30/09	23:39	SWA	SWA1348	A30R	B737	WEATHER	0
12/31/09	00:07	SWA	SWA1348	D30R	B737	WEATHER	0
12/31/09	23:31	COA	COA489	A30L	B738	MECHANICAL	0
12/31/09	23:36	TRNSP3	RYN7909	D30R	B763	CURFEW	0

Total Intrusions = 38

Total Complaints = 3

Monthly Curfew Intrusion Report - December 2009 (continued)

KEY

RUNWAY - A = Arrival D = Departure (Number)
STAGE 2 BTJ - Older Technology Business Turbojet
TRNSP3 - Stage 3 Transport Category Aircraft
LIFEFLIGHT - Medical Emergency Flights
OTHER
UNKNOWN

ATC - FAA Air Traffic Control Factors
MECHANICAL - Aircraft Mechanical Delays
WEATHER - Weather Related Factors
UNIVERSAL TIME - 1pm = 13:00 and 11pm = 23:00
SECURITY

INTRUSIONS IN COMPLIANCE WITH ANCP

ATC Related Operations	Total:	1
Mechanical Related Operations	Total:	8
Weather Related Operations	Total:	24
Lifeflight/Medical Emergency Related Operations	Total:	0
Government/Military/Emergency Related Operations	Total:	0
Other	Total:	4

OTHER: Flight 724YS (B727) San Jose Sharks Charter
OTHER: Flight 724YS (B727) San Jose Sharks Charter
OTHER: Flight 724YS (B727) San Jose Sharks Charter
OTHER: Flight 724YS (B727) San Jose Sharks Charter

INTRUSIONS IN NON-COMPLIANCE WITH ANCP

CURFEW: Flight RYN7909, (B763) Charter Flight-Citation Issued

Non-Compliant Operations **Total:** 1

Curfew (Turbojet) Report Summary - December 2009

Norman Y. Mineta San Jose International Airport
Aircraft Noise Monitoring Center

Aircraft Curfew Intrusions

Airline	Arrivals	Departures	Total	Complaints
AAL - AMERICAN AIRLINES	6	0	6	0
ASA - ALASKA AIRLINES	1	0	1	0
COA - CONTINENTAL AIRLINES	3	0	3	0
DAL - DELTA AIR LINES INC	2	1	3	2
FFT - FRONTIER AIRLINES INC	1	0	1	0
JBU - JETBLUE AIRWAYS	0	5	5	0
MXA - MEXICANA AIRLINES	0	1	1	0
NWA - NORTHWEST AIRLINES INC	0	1	1	0
SWA - SOUTHWEST AIRLINES	5	2	7	0
UAL - UNITED AIRLINES	5	0	5	0
Commercial Totals	23	10	33	2
Business Jets Stage 2	0	0	0	0
Transport Jets Stage 3	1	4	5	1
Business/Transport Jet Totals	1	4	5	1
Turbojet Totals	24	14	38	3

Total Operations: 10,528

Curfew Operations VS Total Operations - December 2009

**Norman Y. Mineta San Jose International Airport
Aircraft Noise Monitoring Center**

Airline	Curfew Operations			Total Operations*	Curfew as % of Total Operations		
	Compliant	Non Compliant	Total		Compliant	Non Compliant	Total
ALASKA AIRLINES	1	0	1	404	0.25	0.00	0.25
AMERICAN AIRLINES	6	0	6	472	1.27	0.00	1.27
CONTINENTAL AIRLINES	3	0	3	160	1.88	0.00	1.88
DELTA AIR LINES INC	3	0	3	73	4.11	0.00	4.11
FRONTIER AIRLINES INC	1	0	1	60	1.67	0.00	1.67
JETBLUE AIRWAYS	5	0	5	230	2.17	0.00	2.17
MEXICANA AIRLINES	1	0	1	119	0.84	0.00	0.84
NORTHWEST AIRLINES INC	1	0	1	63	1.59	0.00	1.59
SOUTHWEST AIRLINES	7	0	7	4039	0.17	0.00	0.17
UNITED AIRLINES	5	0	5	180	2.78	0.00	2.78
Totals	33	0	33	5800	0.57	0.00	0.57

*Does not include Cargo or non-scheduled operations.

Curfew (Turbojet) Report Summary - December 2009

Norman Y. Mineta San Jose International Airport Aircraft Noise Monitoring Center

Summary of Curfew Turbojet Operations
**** Airport Curfew is 11:00 P.M. through 7:00 A.M. ****

Hours	Arrivals	Departures	Total	Complaints
2300 - 2329	2	1	3	0
2330 - 2359	9	7	16	1
0000 - 0029	3	3	6	0
0030 - 0059	3	0	3	0
0100 - 0129	0	0	0	0
0130 - 0159	5	0	5	0
0200 - 0229	1	2	3	2
0230 - 0259	0	0	0	0
0300 - 0329	0	0	0	0
0330 - 0359	0	0	0	0
0400 - 0429	0	0	0	0
0430 - 0459	0	0	0	0
0500 - 0529	1	1	2	0
0530 - 0559	0	0	0	0
0600 - 0629	0	0	0	0
0630 - 0659	0	0	0	0
TOTALS	24	14	38	3

Monthly Airline Run-up Report - December 2009

Norman Y. Mineta San Jose International Airport
Aircraft Noise Monitoring Center

Date	Time	Carrier	Runway	Aircraft	Run-up Type	Complaints
12/18/09	14:00	DAL	NC13	B767	LOW POWER	0
12/28/09	09:18	ASA	C-10	B737	LOW POWER	0

Monthly Airline Run-up Summary - December 2009

Norman Y. Mineta San Jose International Airport Aircraft Noise Monitoring Center

Carrier	Run-up High Power Over 90%	Run-up Part Power 60% to 90%	Run-up Low Power Less than 60%	Total	Complaints
ASA - ALASKA AIRLINES	0	0	1	1	0
DAL - DELTA AIR LINES INC	0	0	1	1	0
Totals	0	0	2	2	0

Complaints - December 2009

Norman Y. Mineta San Jose International Airport Aircraft Noise Monitoring Center

Event Date Time	Call Date Time	Event	Resolution
12/01/2009 06:38	12/01/2009 12:16	Mr. C from Willow Glen reported aircraft noise over his area. Mr. C did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/4.
12/01/2009 07:37	12/01/2009 12:19	Mr. C from Willow Glen reported aircraft noise over his area. Mr. C did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/4.
12/02/2009 04:11	12/02/2009 07:45	Ms. S from the Civic Center area reported aircraft noise over her area. Ms. S did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 12/4.
12/04/2009 12:00	12/04/2009 12:33	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/4.
12/09/2009 09:30	12/10/2009 12:33	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/11.
12/12/2009 09:00	12/12/2009 09:59	Mr. R from Sunnyvale reported aircraft noise over his area. Mr. R did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 12/11.
12/13/2009 09:00	12/13/2009 09:22	Mr. R from Sunnyvale reported aircraft noise over his area. Mr. R did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 12/18.
12/14/2009 11:07	12/14/2009 11:07	Ms. M from the Civic Center area reported aircraft noise over her area. Ms. M did request contact.	Departure by commercial aircraft. Noise Staff contacted Ms. M on 12/14. Frequent caller postcard sent on 12/18.
12/14/2009 23:45	12/14/2009 06:49	Ms. S from the Civic Center area reported aircraft noise over her area. Ms. S did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 12/18.
12/15/2009 18:59	12/15/2009 18:59	Mr. D from Sunnyvale reported aircraft noise over his area. Mr. D did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/18.
12/15/2009 21:08	12/15/2009 23:31	Mr. H from the Civic Center area reported aircraft noise over his area. Mr. H did request contact.	Departure by commercial aircraft. Noise Staff contacted Mr. H on 12/16. Frequent caller postcard sent on 12/18.
12/18/2009 09:24	12/18/2009 16:25	Mr. C from North Santa Clara reported aircraft noise over his area. Mr. C did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/25.
12/18/2009 15:38	12/18/2009 15:53	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/25.
12/20/2009 22:39	12/20/2009 22:45	Ms. R from Willow Glen reported aircraft noise over her area. Ms. R did request contact.	Departure by commercial aircraft. Noise Staff contacted Ms. R on 12/21. Frequent caller postcard sent on 12/25.
12/21/2009 00:22	12/21/2009 07:18	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Compliant arrival by a Stage 3 business jet. Frequent caller postcard sent on 12/25.
12/21/2009 00:59	12/21/2009 08:21	Mr. R from San Jose reported aircraft noise over his area. Mr. R did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 12/25.
12/21/2009 02:11	12/21/2009 07:17	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Compliant arrival by a Stage 3 business jet. Frequent caller postcard sent on 12/25.
12/21/2009 02:26	12/21/2009 06:43	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Compliant arrival by a Stage 3 business jet. Frequent caller postcard sent on 12/25.

Complaints - December 2009

Norman Y. Mineta San Jose International Airport Aircraft Noise Monitoring Center

Event Date Time	Call Date Time	Event	Resolution
12/21/2009 06:04	12/21/2009 06:46	Mr. H from the Civic Center area reported aircraft noise over his area. Mr. H did request contact.	Departure by commercial aircraft. Noise Staff contacted Mr. H on 12/21. Frequent caller postcard sent on 12/25.
12/21/2009 15:45	12/28/2009 21:23	Mr. F from North Santa Clara reported aircraft noise over his area. Mr. F did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/25.
12/21/2009 23:00	12/21/2009 23:01	Ms. R from Willow Glen reported aircraft noise over her area. Ms. R did request contact.	Departure by commercial aircraft. Noise Staff contacted Ms. R on 12/21. Frequent caller postcard sent on 12/25.
12/23/2009 02:30	12/23/2009 09:07	Ms. H from the Rose Garden area reported aircraft noise over her area. Ms. H did request contact.	Compliant departure by a Stage 3 business jet. Noise Staff left message on 12/28. Frequent caller postcard sent on 1/1.
12/27/2009 10:00	12/28/2009 21:20	Mr. F from North Santa Clara reported aircraft noise over his area. Mr. F did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 1/1.
12/27/2009 14:33	12/27/2009 14:37	Mr. D from San Jose reported aircraft noise over his area. Mr. D did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 1/1.
12/31/2009 06:03	12/31/2009 08:22	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 1/1.
12/31/2009 11:15	12/31/2009 11:19	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 1/1.
12/31/2009 17:55	12/31/2009 18:00	Ms. T from North Santa Clara reported aircraft noise over her area. Ms. T did request contact.	Departure by a Stage 3 business jet. Airport Staff contacted Ms. T on 12/31. Noise Staff contacted Ms. T on 1/4. Frequent caller postcard sent on 1/1.