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APR 17 2009

Memorandum
by City Manager's Office

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: William F. Sherry, A.A.E.

SUBJECT: MONTHLY NOISE
REPORT FOR
March 2009

DATE: April 16, 2009

Approved

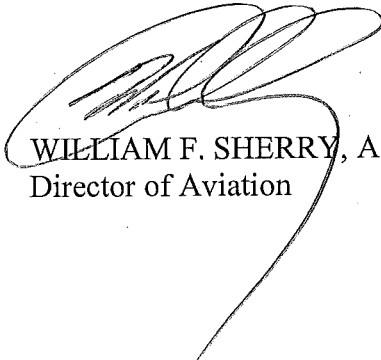
Christine J. Shippy

Date

4/17/09

INFORMATION

Attached for distribution is the Norman Y. Mineta San José International Airport Monthly Noise Report for March 2009.


WILLIAM F. SHERRY, A.A.E.
Director of Aviation

Attachments

Monthly Noise Report

March 2009



Monthly Noise Report
Table of Contents - March 2009

	Page
1. Analysis	1
2. Noise Complaint Section	
A. Noise Complaint Summary	3
B. Graph - Complaints for March 2009 by Time of Day	4
C. Graph - Complaints for Year to Date through March 2009	5
D. Graph - Complaints by City Area - October 2009 through March 2009	6
3. Airline Operation Section	
A. Monthly Curfew Intrusions Report	7
B. Curfew (Turbojet) Report Summary/Total Operations	10
C. Curfew Operations VS Total Operations	11
D. Curfew (Turbojet) Report Summary	12
E. Monthly Airline Run-up Report	13
F. Monthly Airline Run-up Summary	14
G. Complaints	15

Analysis of March 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 March 2009 was **100%** Stage 3.

Noise Complaints

The Noise Complaint Summary - March 2009 shows an increase in the total number of complaints from **15** in February 2009 to **45** in March 2009 (an increase of **30**). There was a total of **13** complainants, with one complainant accounting for **9** complaints, and another for **8** complaints.

Monthly Curfew Intrusions Report

March 2009 resulted in **21** curfew intrusions, no change from February 2009. There were **0** 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 March 2009 Noise Data (continued)

General Aviation

Complaints associated with General Aviation operations changed from **4** in February 2009 to **7** in March 2009. There was **1** complaint associated with the San Jose Police Department helicopter surveillance activity.

Monthly Airline Turbojet Run-up Report

There was a total of **4** airline run-ups during March 2009. This compares with **3** in February 2009. There were **2** 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 - March 2009
Norman Y. Mineta San Jose International Airport
Aircraft Monitoring Center

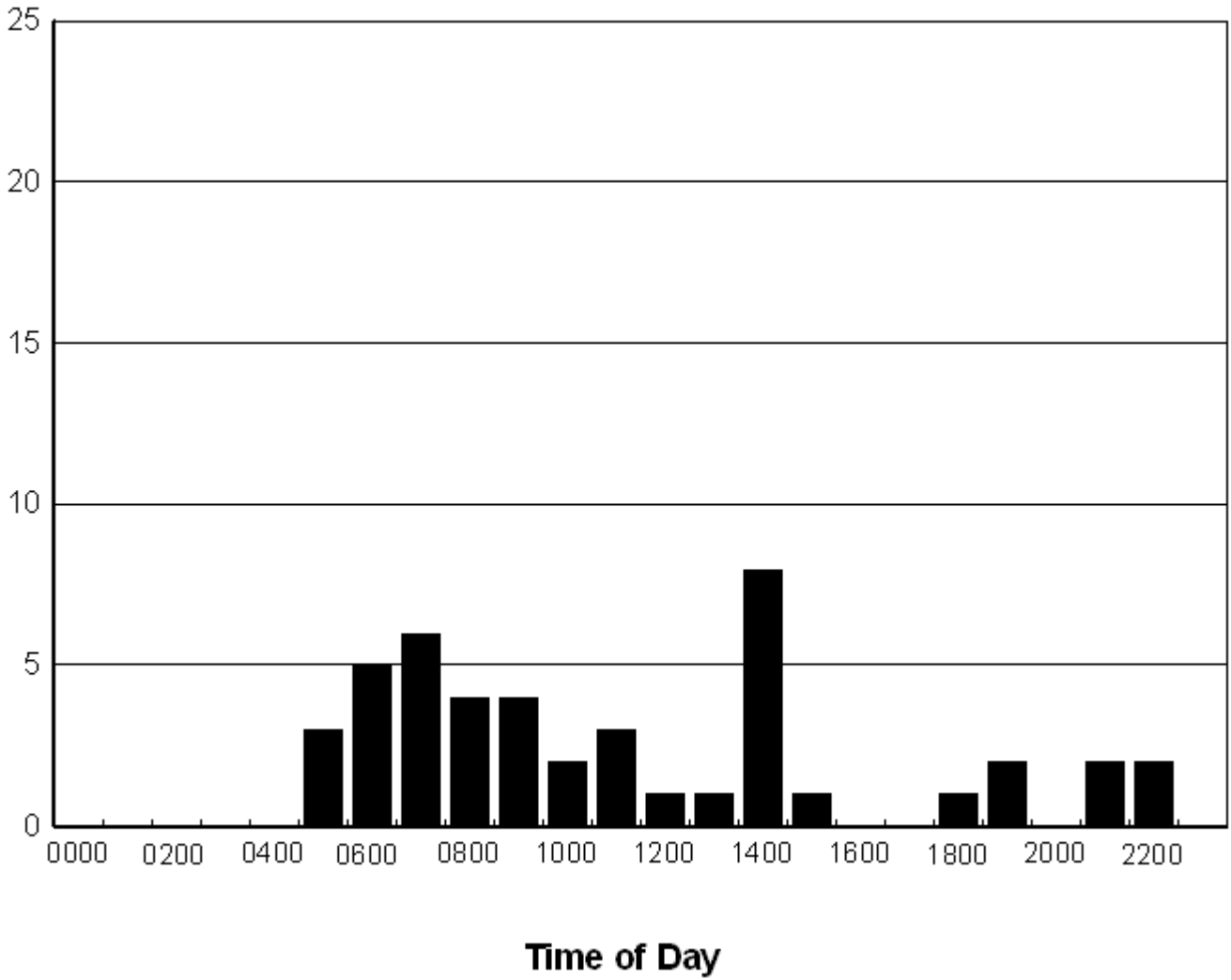
Noise Complaints		Oct 2008	Nov 2008	Dec 2008	Jan 2009	Feb 2009	Mar 2009
Commercial	Intrusion Related	0	1	1	1	0	0
	Loud	21	13	30	17	10	34
	Frequency	2	0	3	1	1	4
	Overflight	0	0	1	1	0	0
	Other	0	0	0	0	0	0
	Total	23	14	35	20	11	38
General Aviation	Intrusion Related	0	0	0	0	0	0
	Fixed Wing	8	6	2	3	3	5
	Helicopter	2	0	0	0	0	0
	Police Helicopter	0	0	0	0	1	1
	Total	10	6	2	3	4	6
Monthly Noise Complaints		33	20	37	23	15	45

Complaints by Area		Oct 2008	Nov 2008	Dec 2008	Jan 2009	Feb 2009	Mar 2009
City of San Jose	SJSH - Shasta/Hanchett	2	1	2	3	1	4
	SJRG - Rose Garden	3	2	0	3	0	2
	SJCC - Civic Center	4	4	5	2	3	3
	SJHP - Hensley Park	1	0	0	1	3	0
	SJWG - Willow Glen	7	0	10	3	2	13
	SJO - Other	7	5	5	4	1	8
	Total	24	12	22	16	10	30
City of Santa Clara	SCNA - North Areas	9	6	12	6	4	15
	SCO - Other	0	1	0	0	0	0
	Total	9	7	12	6	4	15
Other (Includes Unknown)	Other Areas	0	1	3	1	1	0
	Total	0	1	3	1	1	0
Monthly Noise Complaints		33	20	37	23	15	45

No. of Citizens Filing Complaints	21	12	13	14	13	13
Average Complaints per Day	1.1	0.7	1.2	0.7	0.5	1.5

Noise Complaints by Time of Day

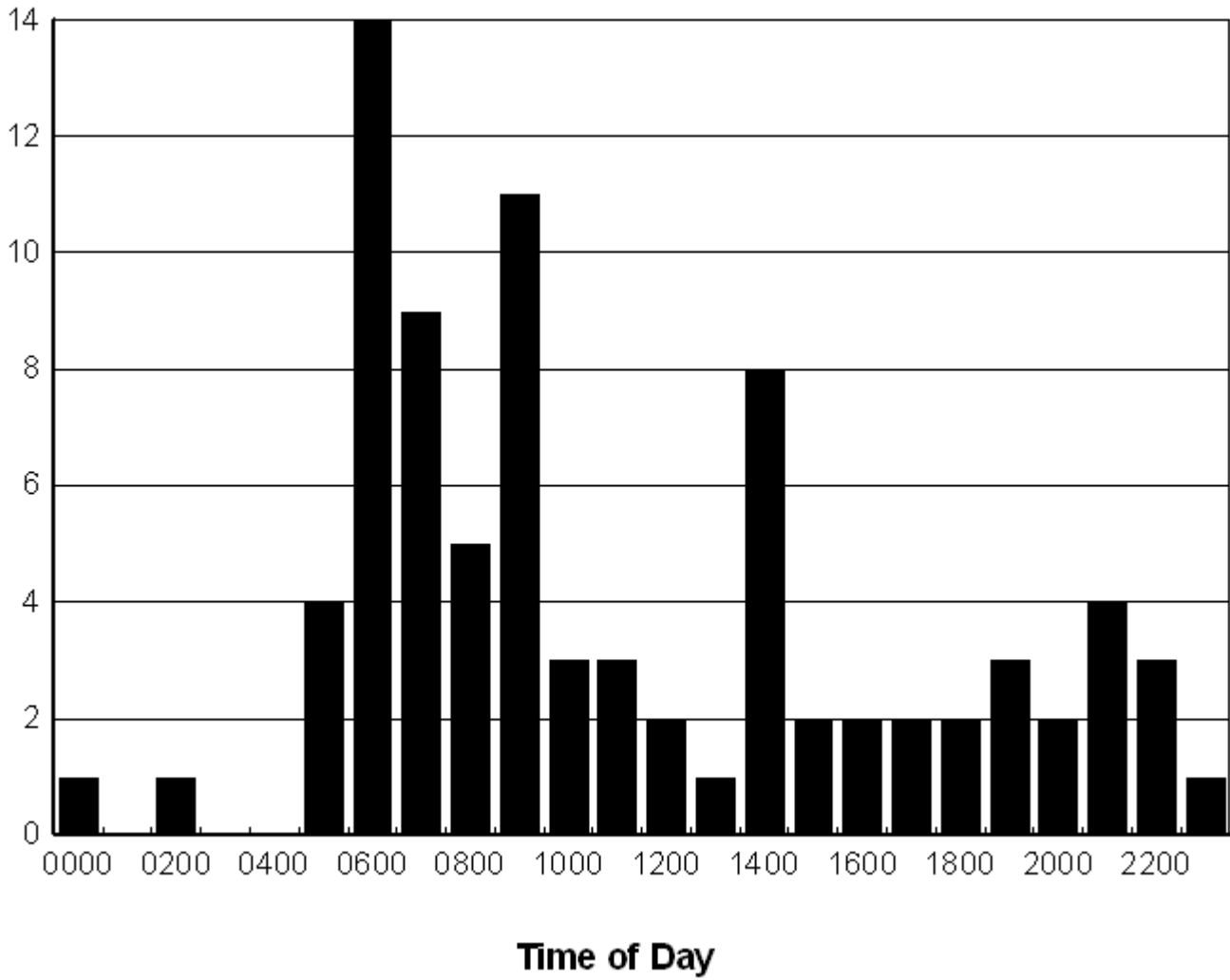
Norman Y. Mineta San Jose International Airport
Number of Complaints - March 2009



45 Total Complaints

Noise Complaints by Time of Day - YTD

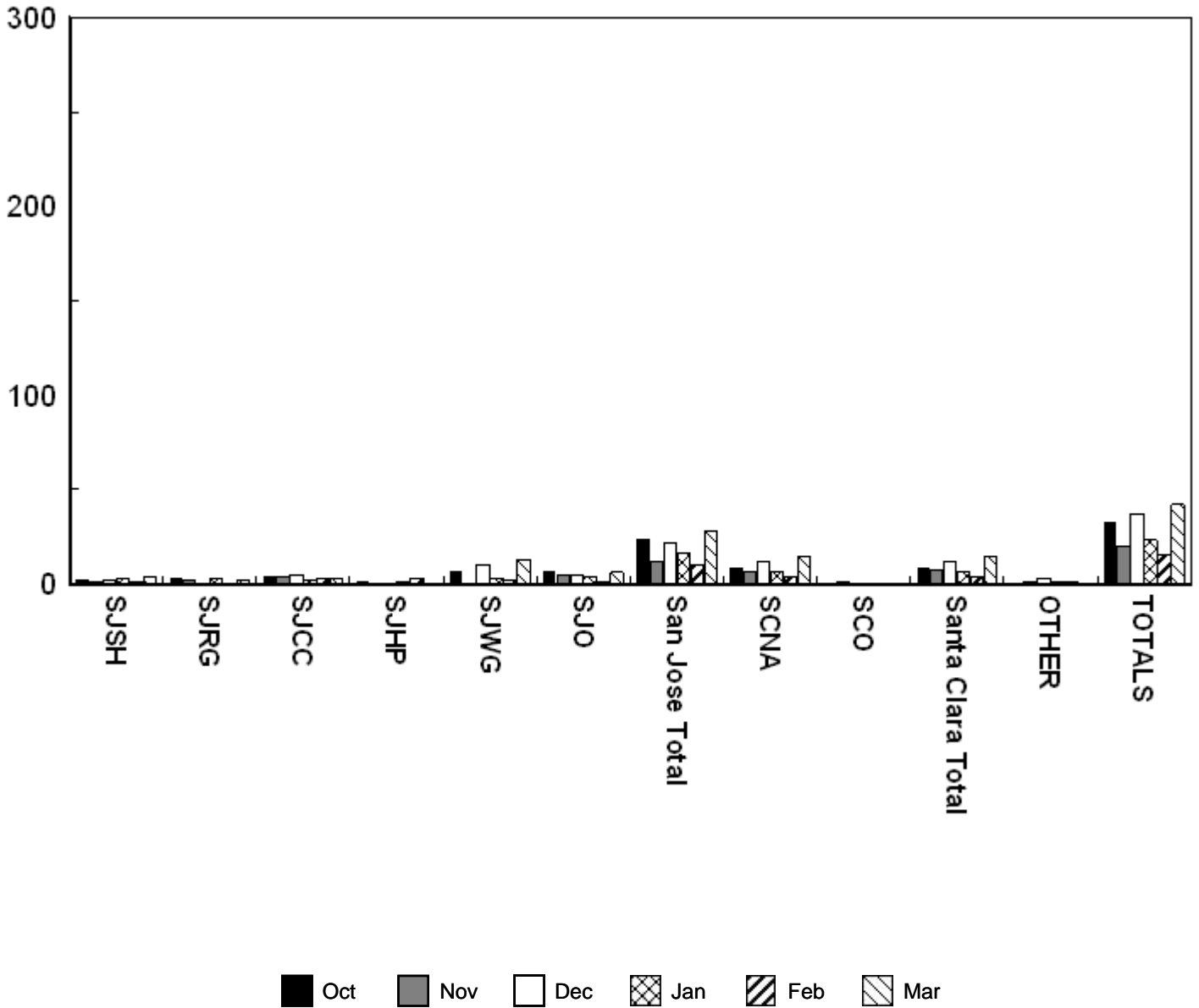
Norman Y. Mineta San Jose International Airport
Number of Complaints - YTD through March 2009



83 Total Complaints

Noise Complaints - City Areas

**Norman Y. Mineta San Jose International Airport - SJC
Complaints - October 2008 through March 2009**



Monthly Curfew Intrusion Report - March 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
03/01/09	23:47	AAL	AAL1035	A12R	MD82	MECHANICAL	0
03/03/09	00:09	JBU	JBU173	A12R	A320	WEATHER	0
03/03/09	00:57	JBU	JBU174	D12L	A320	WEATHER	0
03/06/09	23:49	UAL	UAL165L	A30L	B733	MECHANICAL	0
03/09/09	00:08	SWA	SWA784	A30L	B737	WEATHER	0
03/09/09	23:51	UAL	UAL165	A30R	B733	MECHANICAL	0
03/12/09	00:32	JBU	JBU174	D30R	A320	MECHANICAL	0
03/12/09	23:48	ASA	ASA332	A30L	B734	MECHANICAL	0
03/14/09	23:33	TRNSP3	N2TS	D30L	B737	CURFEW	0
03/15/09	23:41	SWA	SWA784	A12R	B737	MECHANICAL	0
03/18/09	23:58	UAL	UAL165T	A30R	B733	MECHANICAL	0
03/21/09	00:23	UAL	UAL165L	A30L	B733	MECHANICAL	0
03/22/09	00:17	UAL	UAL165	A30R	A320	MECHANICAL	0
03/22/09	23:57	SWA	SWA1828	A30L	B737	ATC	0
03/26/09	00:05	SWA	SWA2107	A30L	B737	WEATHER	0
03/26/09	01:23	AAL	AAL1035	A30L	MD83	WEATHER	0
03/26/09	23:59	SWA	SWA67	A30R	B737	WEATHER	0
03/28/09	00:01	AAL	AAL1035	A30L	MD83	WEATHER	0
03/30/09	02:20	JBU	JBU173	A30L	A320	WEATHER	0
03/30/09	03:31	JBU	JBU174	D30R	A320	WEATHER	0
03/31/09	23:45	SWA	SWA1828	A30L	B737	WEATHER	0

Total Intrusions = 21

Total Complaints = 0

Monthly Curfew Intrusion Report - March 2009 (continued)

KEY

RUNWAY - A = Arrival D = Departure (Number)
STAGE 2 BTJ - Older Technology Business Turbojet
TRNSP3 - Stage 3 Transport Category Aircraft
LIFELIGHT - 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:	9
Weather Related Operations	Total:	10
Lifelight/Medical Emergency Related Operations	Total:	0
Government/Military/Emergency Related Operations	Total:	0
Other	Total:	0

INTRUSIONS IN NON-COMPLIANCE WITH ANCP

CURFEW: First Virtual Management Inc. Flight N2TS, (B737) Late Departure-Citation Issued

Non-Compliant Operations	Total:	1
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Curfew (Turbojet) Report Summary - March 2009

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

Aircraft Curfew Intrusions

Airline	Arrivals	Departures	Total	Complaints
AAL - AMERICAN AIRLINES	3	0	3	0
ASA - ALASKA AIRLINES	1	0	1	0
JBU - JETBLUE AIRWAYS	2	3	5	0
SWA - SOUTHWEST AIRLINES	6	0	6	0
UAL - UNITED AIRLINES	5	0	5	0
Commercial Totals	17	3	20	0
Business Jets Stage 2	0	0	0	0
Transport Jets Stage 3	0	1	1	0
Business/Transport Jet Totals	0	1	1	0
Turbojet Totals	17	4	21	0

Total Operations: 12,450

Curfew Operations VS Total Operations - March 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	392	0.26	0.00	0.26
AMERICAN AIRLINES	3	0	3	578	0.52	0.00	0.52
JETBLUE AIRWAYS	5	0	5	183	2.73	0.00	2.73
SOUTHWEST AIRLINES	6	0	6	4342	0.14	0.00	0.14
UNITED AIRLINES	5	0	5	268	1.87	0.00	1.87
Totals	20	0	20	5763	0.35	0.00	0.35

*Does not include Cargo or non-scheduled operations.

Curfew (Turbojet) Report Summary - March 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	0	0	0	0
2330 - 2359	9	1	10	0
0000 - 0029	6	0	6	0
0030 - 0059	0	2	2	0
0100 - 0129	1	0	1	0
0130 - 0159	0	0	0	0
0200 - 0229	1	0	1	0
0230 - 0259	0	0	0	0
0300 - 0329	0	0	0	0
0330 - 0359	0	1	1	0
0400 - 0429	0	0	0	0
0430 - 0459	0	0	0	0
0500 - 0529	0	0	0	0
0530 - 0559	0	0	0	0
0600 - 0629	0	0	0	0
0630 - 0659	0	0	0	0
TOTALS	17	4	21	0

Monthly Airline Run-up Report - March 2009

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

Date	Time	Carrier	Runway	Aircraft	Run-up Type	Complaints
03/07/09	01:40	AAL	A-15	MD80	LOW POWER	0
03/07/09	08:30	AAL	TWY-K	MD80	HIGH POWER	0
03/13/09	20:50	SWA	TWY-Y@L&M	B737	HIGH POWER	0
03/15/09	01:50	SWA	A-7	B737	LOW POWER	0

Monthly Airline Run-up Summary - March 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
AAL - AMERICAN AIRLINES	1	0	1	2	0
SWA - SOUTHWEST AIRLINES	1	0	1	2	0
Totals	2	0	2	4	0

Complaints - March 2009

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

Event Date Time	Call Date Time	Event	Resolution
03/01/2009 06:30	03/06/2009 12:33	Ms. B from the Civic Center area reported aircraft noise over her area over the last four weeks. Ms. B did request a written reply.	Departures by commercial aircraft. New caller information package and letter reply sent on 3/9.
03/03/2009 06:03	03/03/2009 06:58	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 3/6.
03/04/2009 06:15	03/04/2009 06:20	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 3/6.
03/04/2009 07:40	03/04/2009 07:43	Mr. H from the Shasta/ Hanchett area reported aircraft noise over his area. Mr. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/6.
03/05/2009 10:06	03/05/2009 10:10	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 3/6.
03/05/2009 10:55	03/05/2009 10:59	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 3/6.
03/06/2009 05:45	03/06/2009 06:25	Ms. R from the Rose Garden area reported aircraft noise over her area at 05:45 and 06:00. Ms. R did not request contact.	Compliant departures by a Stage 3 business jet at both times. Frequent caller postcard sent on 3/6.
03/06/2009 07:34	03/06/2009 08:57	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 3/6.
03/06/2009 07:40	03/06/2009 09:36	Mr. H from the Shasta/ Hanchett area reported aircraft noise over his area. Mr. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/6.
03/06/2009 09:05	03/06/2009 09:17	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 3/13.
03/06/2009 09:06	03/06/2009 15:15	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 3/13.
03/06/2009 14:30	03/06/2009 15:10	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 3/13.
03/07/2009 14:14	03/07/2009 17:04	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 3/13.
03/07/2009 21:28	03/07/2009 21:29	Mr. D from San Jose reported aircraft noise over his area. Mr. D did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 3/13.
03/08/2009 08:13	03/08/2009 10:13	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 3/13.
03/08/2009 08:15	03/08/2009 10:13	Mr. C from Willow Glen reported aircraft noise over his area. Mr. C did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 3/13.
03/10/2009 08:11	03/10/2009 09:04	Mr. C from Willow Glen reported aircraft noise over his area at 08:11 and 08:46. Mr. C did not request contact.	Departure by commercial aircraft at both times. Frequent caller postcard sent on 3/13.
03/10/2009 09:00	03/10/2009 13:46	Mr. H from the Shasta/Hanchett area reported aircraft noise over his area. Mr. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/13.
03/10/2009 21:26	03/10/2009 21:27	Mr. D from San Jose reported aircraft noise over his area. Mr. D did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 3/13.

Complaints - March 2009

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

Event Date Time	Call Date Time	Event	Resolution
03/12/2009 07:29	03/12/2009 09:46	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 3/13.
03/13/2009 14:05	03/13/2009 14:21	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 3/13.
03/13/2009 14:05	03/13/2009 14:22	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 3/13.
03/14/2009 09:26	03/14/2009 09:43	Mr. D from San Jose reported aircraft noise over his area. Mr. D did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 3/20.
03/14/2009 11:15	03/14/2009 11:16	Ms. B from North Santa Clara reported aircraft noise over her area. Ms. B did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/20.
03/14/2009 18:00	03/14/2009 19:59	Mr. C from the Rose Garden area reported helicopter noise over his area. Mr. C did request contact.	Overflight by SJPd helicopter. Ops Staff Contacted Mr. C on 3/15, Noise Staff on 3/16. Frequent caller postcard sent on 3/20.
03/18/2009 14:33	03/18/2009 15:36	Ms. S from the Willow Glen area reported aircraft noise over her area. Ms. S did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 3/20.
03/19/2009 07:54	03/19/2009 07:57	Ms. S from the Willow Glen area reported aircraft noise over her area. Ms. S did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 3/20.
03/19/2009 13:45	03/19/2009 13:46	Ms. S from the Willow Glen area reported aircraft noise over her area. Ms. S did not request contact.	Overflight by military aircraft enroute to Moffett Field. Frequent caller postcard sent on 3/20.
03/23/2009 06:37	03/23/2009 11:25	Mr. C from Willow Glen reported aircraft noise over his area at 06:37 and 07:43. Mr. C did not request contact.	Departure by commercial aircraft both times. Frequent caller postcard sent on 3/27.
03/23/2009 22:09	03/23/2009 22:12	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 4/3.
03/25/2009 14:00	03/25/2009 17:40	Mr. H from the Shasta/Hanchett area reported aircraft noise over his area. Mr. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/26.
03/25/2009 14:07	03/25/2009 17:40	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 3/26.
03/27/2009 19:45	03/27/2009 21:03	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 4/3.
03/27/2009 19:54	03/27/2009 21:05	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 4/3.
03/28/2009 05:21	03/28/2009 06:19	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 4/3.
03/28/2009 05:41	03/28/2009 06:19	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 4/3.
03/28/2009 06:06	03/28/2009 06:19	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 4/3.
03/28/2009 07:31	03/28/2009 10:12	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 4/3.

Complaints - March 2009

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

Event Date Time	Call Date Time	Event	Resolution
03/28/2009 08:16	03/28/2009 12:48	Mr. H from North Santa Clara reported aircraft noise over his area. Mr. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/3.
03/28/2009 11:04	03/28/2009 12:50	Mr. H from North Santa Clara reported aircraft noise over his area. Mr. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/3.
03/28/2009 12:49	03/28/2009 12:50	Mr. H from North Santa Clara reported aircraft noise over his area. Mr. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/3.
03/29/2009 11:12	03/29/2009 11:15	Ms. S from Willow Glen reported aircraft noise over her area. Ms. S did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 4/3.
03/31/2009 14:24	03/31/2009 15:01	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 4/3.
03/31/2009 15:34	03/31/2009 15:34	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 4/3.
03/31/2009 22:14	03/31/2009 22:17	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 4/3.