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# Memorandum

**TO:** HONORABLE MAYOR AND  
CITY COUNCIL

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

**SUBJECT:** MONTHLY NOISE  
REPORT FOR  
March 2010

**DATE:** April 28, 2010

Approved

Date

5/6/10

## INFORMATION

Attached for distribution is the Norman Y. Mineta San José International Airport Monthly Noise Report for March 2010.

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

Attachments



# Monthly Noise Report

## March 2010



Monthly Noise Report  
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# Analysis of March 2010 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 2010 was **100%** Stage 3.

## Noise Complaints

**The Noise Complaint Summary - March 2010** shows an increase in the total number of complaints from **17** in February 2010 to **35** in March 2010 (an increase of **18**). There was a total of **24** complainants, with one complainant accounting for **4** complaints, and another for **4** complaints.

## Monthly Curfew Intrusions Report

**March 2010** resulted in **28** curfew intrusions, an increase of **12** from February 2010. There were **3** complaints associated with the curfew intrusions. There were **3** operations "**In Non-Compliance**" with the Noise Control Program. A description can be found in the **Monthly Curfew Intrusions Report**.

## **Analysis of March 2010 Noise Data (continued)**

### **General Aviation**

Complaints associated with General Aviation operations changed from **3** in February 2010 to **12** in March 2010. 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 **0** airline run-ups during March 2010. This compares with **0** in February 2010. 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 - March 2010**  
**Norman Y. Mineta San Jose International Airport**  
**Aircraft Monitoring Center**

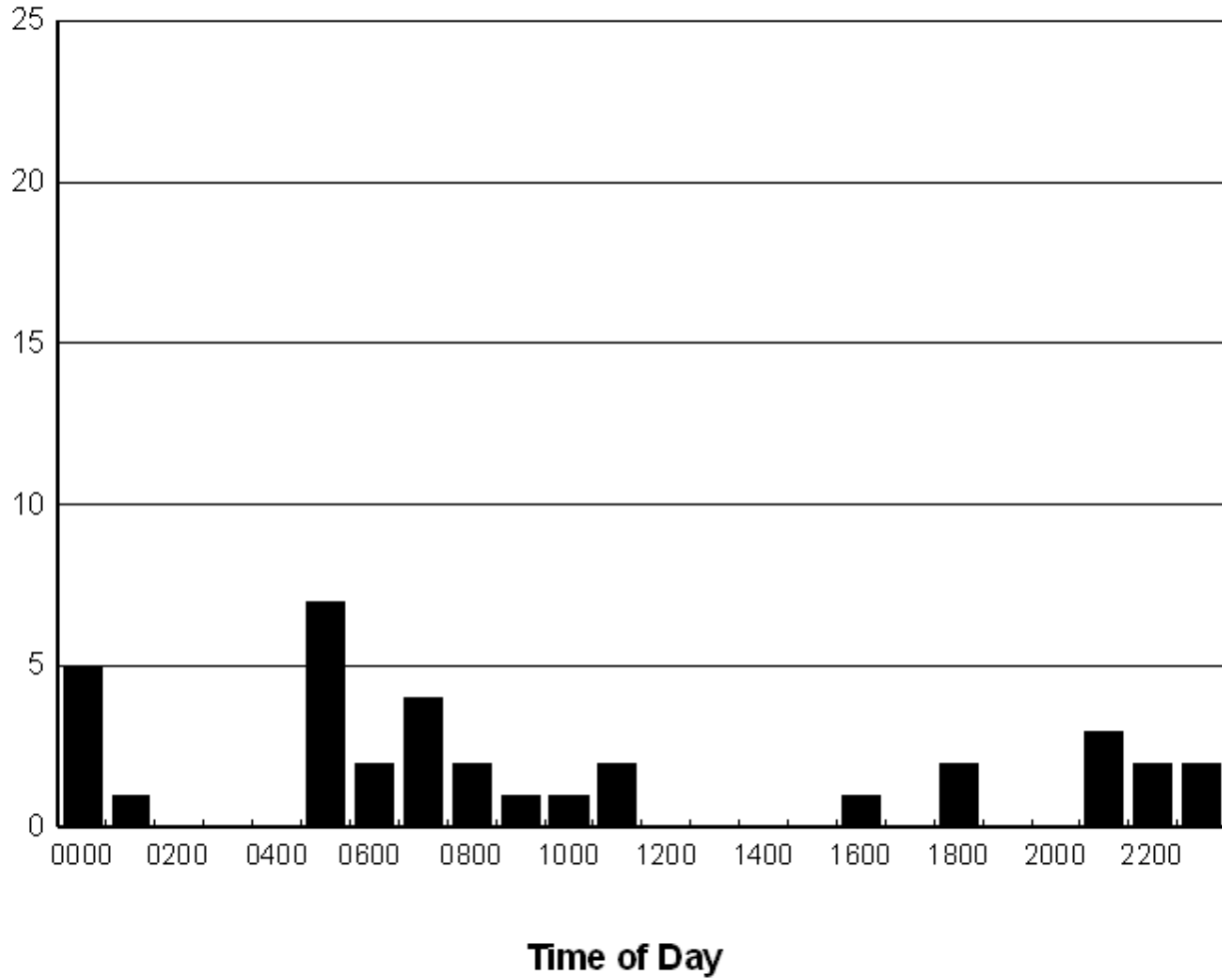
Noise Complaints		Oct 2009	Nov 2009	Dec 2009	Jan 2010	Feb 2010	Mar 2010
<b>Commercial</b>	Intrusion Related	1	0	1	2	1	3
	Loud	27	25	19	9	13	19
	Frequency	0	0	0	0	0	0
	Overflight	1	0	0	0	0	0
	Other	1	0	0	0	0	0
	<b>Total</b>	<b>30</b>	<b>25</b>	<b>20</b>	<b>11</b>	<b>14</b>	<b>22</b>
<b>General Aviation</b>	Intrusion Related	0	0	0	0	0	0
	Fixed Wing	8	9	7	7	3	11
	Helicopter	0	0	0	0	0	1
	Police Helicopter	0	1	0	0	0	0
	<b>Total</b>	<b>8</b>	<b>10</b>	<b>7</b>	<b>7</b>	<b>3</b>	<b>12</b>
<b>Monthly Noise Complaints</b>		<b>38</b>	<b>35</b>	<b>27</b>	<b>18</b>	<b>17</b>	<b>35</b>

Complaints by Area		Oct 2009	Nov 2009	Dec 2009	Jan 2010	Feb 2010	Mar 2010
<b>City of San Jose</b>	SJSH - Shasta/Hanchett	3	1	0	2	2	4
	SJRG - Rose Garden	3	0	1	1	1	2
	SJCC - Civic Center	2	3	5	5	0	3
	SJHP - Hensley Park	0	1	0	1	0	3
	SJWG - Willow Glen	6	4	5	2	2	3
	SJO - Other	9	5	2	1	5	9
	<b>Total</b>	<b>23</b>	<b>14</b>	<b>13</b>	<b>12</b>	<b>10</b>	<b>24</b>
<b>City of Santa Clara</b>	SCNA - North Areas	12	20	11	3	3	8
	SCO - Other	0	0	0	0	0	2
	<b>Total</b>	<b>12</b>	<b>20</b>	<b>11</b>	<b>3</b>	<b>3</b>	<b>10</b>
<b>Other (Includes Unknown)</b>	Other Areas	3	1	3	3	4	1
	<b>Total</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>1</b>
<b>Monthly Noise Complaints</b>		<b>38</b>	<b>35</b>	<b>27</b>	<b>18</b>	<b>17</b>	<b>35</b>

<b>No. of Citizens Filing Complaints</b>	22	18	14	13	9	24
<b>Average Complaints per Day</b>	1.2	1.2	0.9	0.6	0.6	1.1

# Noise Complaints by Time of Day

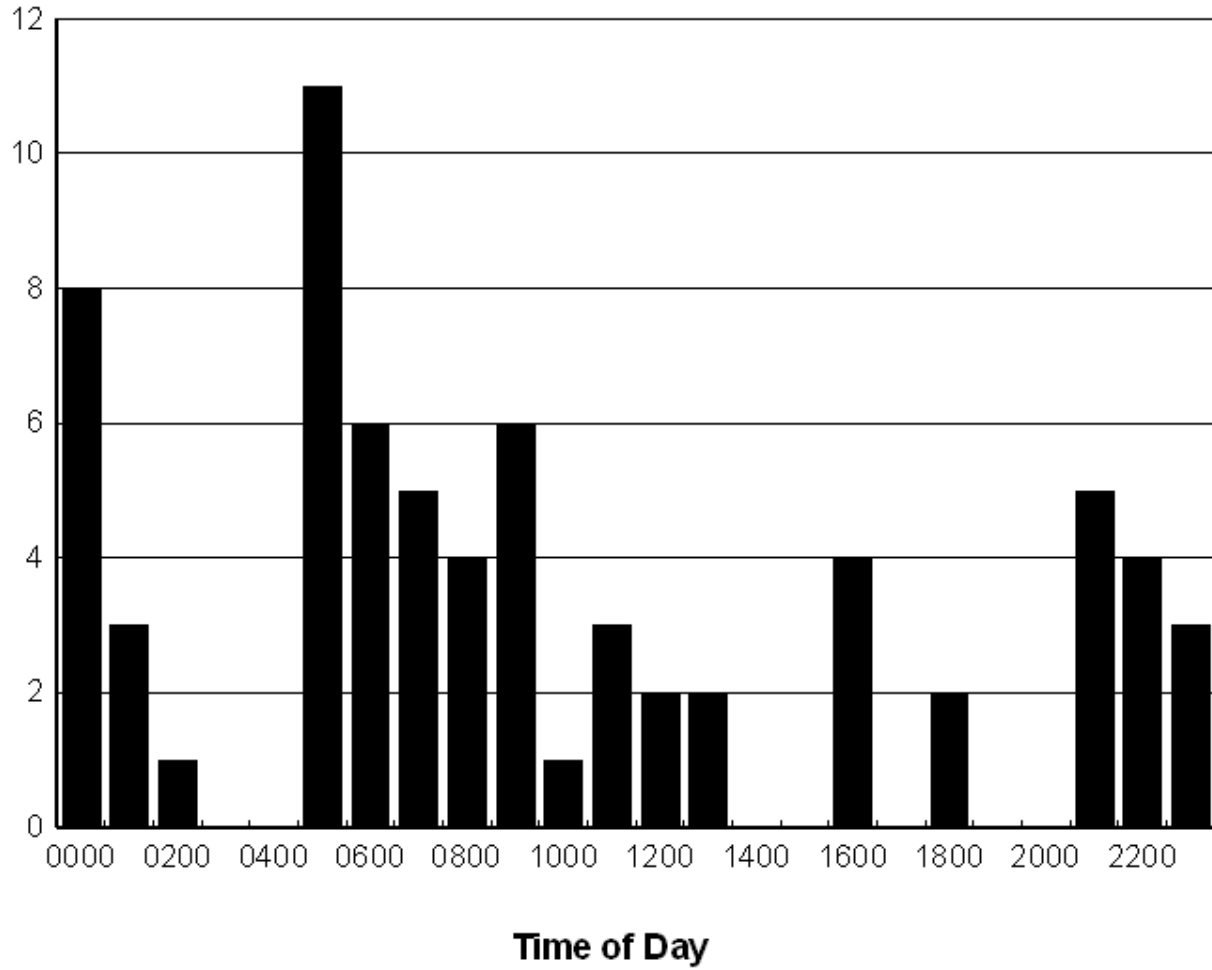
Norman Y. Mineta San Jose International Airport  
Number of Complaints - March 2010



**35 Total Complaints**

# Noise Complaints by Time of Day - YTD

Norman Y. Mineta San Jose International Airport  
Number of Complaints - YTD through March 2010

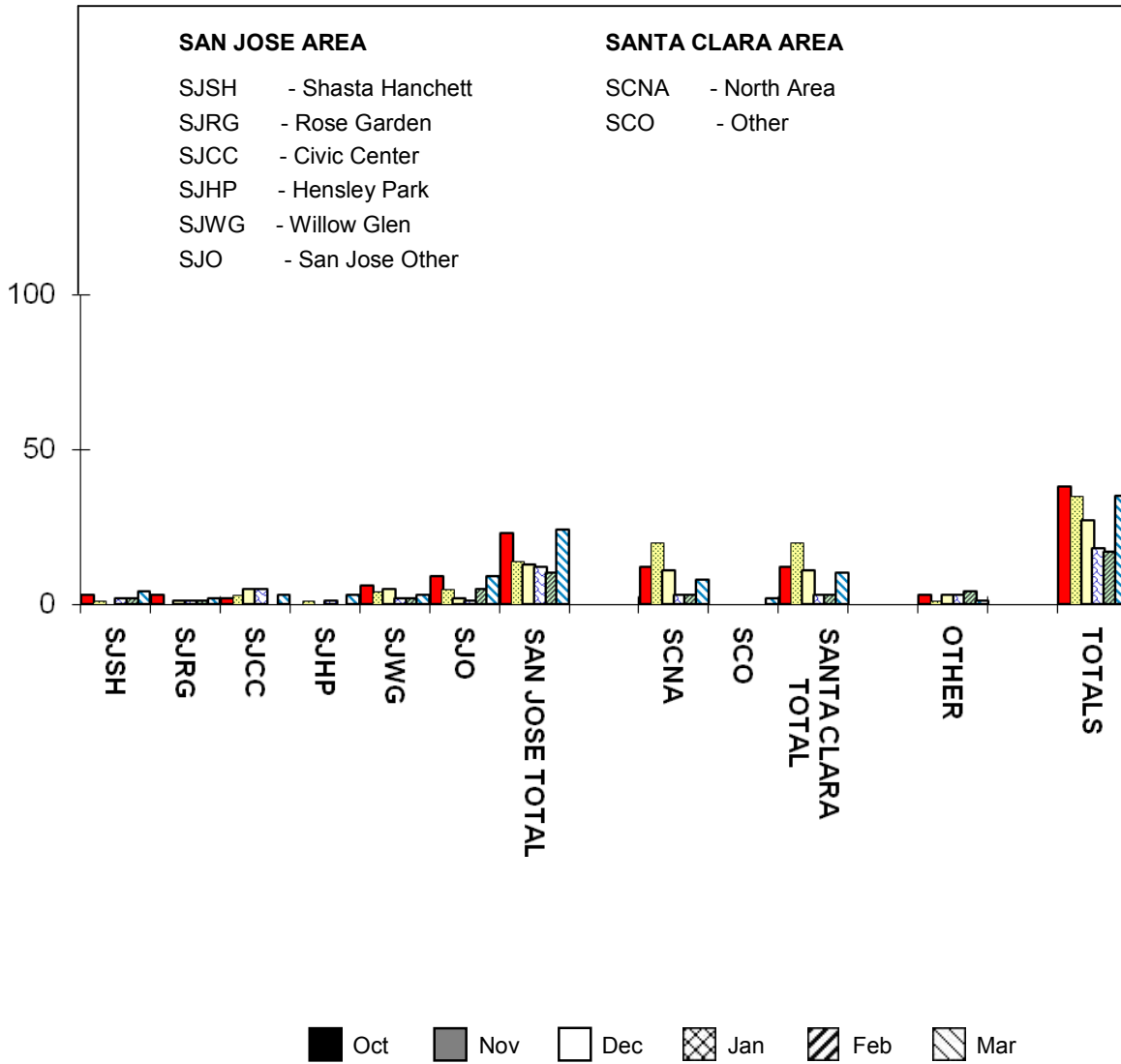


**70 Total Complaints**



# Noise Complaints - City Areas

Norman Y. Mineta San Jose International Airport - SJC  
Complaints - October 2009 through March 2010



## Monthly Curfew Intrusion Report - March 2010

### 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
03/01/10	23:34	UAL	UAL467	A12R	A319	WEATHER	0
03/01/10	23:36	SWA	SWA717	A12L	B737	MECHANICAL	0
03/08/10	23:35	AAL	AAL1035	A30L	MD83	WEATHER	0
03/10/10	23:46	AAL	AAL1035	A30L	MD83	ATC	0
03/11/10	23:57	SWA	SWA258	A30R	B737	WEATHER	0
03/13/10	00:04	AAL	AAL1035	A30L	MD83	WEATHER	0
03/13/10	00:10	SWA	SWA717	A30L	B737	ATC	0
03/13/10	00:16	AAY	AAY6123	A30L	MD88	MECHANICAL	1
03/13/10	01:21	AAY	AAY6124	D30L	MD88	MECHANICAL	1
03/14/10	00:05	AAL	AAL827	A30L	MD83	WEATHER	0
03/15/10	00:39	JBU	JBU174	D30L	A320	WEATHER	0
03/18/10	00:42	UAL	UAL467	A30L	A320	WEATHER	0
03/20/10	23:32	SWA	SWA1826	A30L	B733	MECHANICAL	0
03/21/10	00:10	AAL	AAL827	A30L	MD83	WEATHER	0
03/21/10	23:29	SWA	SWA3252	A30L	B737	MECHANICAL	0
03/22/10	23:47	SWA	SWA1943	A30R	B733	CURFEW	0
03/24/10	00:03	UAL	UAL723	A30L	B752	WEATHER	0
03/24/10	00:36	TRNSP3	724YS	A30L	B727	OTHER	1
03/24/10	02:44	UAL	UAL467	A30L	A319	WEATHER	0
03/24/10	23:54	JBU	JBU174	D12L	A320	WEATHER	0
03/25/10	00:22	COA	COA489	A12R	B738	WEATHER	0
03/25/10	00:50	AAL	AAL1035	A12R	MD83	WEATHER	0
03/26/10	23:32	SWA	SWA3056	D30R	B737	MECHANICAL	0
03/26/10	23:47	AAL	AAL1035	A30L	MD83	WEATHER	0
03/26/10	23:59	MXA	MXA952	A30L	A318	WEATHER	0
03/27/10	23:38	SWQ	SWQ802	A30L	B734	CURFEW	0
03/29/10	00:20	SWA	SWA168	A30L	B733	CURFEW	0
03/29/10	23:46	UAL	UAL467	A12R	A320	MECHANICAL	0

**Total Intrusions = 28**

**Total Complaints = 3**

## Monthly Curfew Intrusion Report - March 2010 (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:	2
Mechanical Related Operations	Total:	7
Weather Related Operations	Total:	15
Lifeflight/Medical Emergency Related Operations	Total:	0
Government/Military/Emergency Related Operations	Total:	0
Other	Total:	1

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

### INTRUSIONS IN NON-COMPLIANCE WITH ANCP

**CURFEW:** Southwest Airlines Co. Flight SWA1943, (B733) Late Arrival- Citation Issued  
**CURFEW:** Swift Air Flight SWQ802, (B734) Late Arrival-Citation Issued  
**CURFEW:** Southwest Airlines Co. Flight SWA168, (B733) Late Arrival-citation Issued

Non-Compliant Operations	Total:	3
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## Curfew (Turbojet) Report Summary - March 2010

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

#### Aircraft Curfew Intrusions

Airline	Arrivals	Departures	Total	Complaints
AAL - AMERICAN AIRLINES	7	0	7	0
AAY - ALLEGIAN AIR, INC.	1	1	2	2
COA - CONTINENTAL AIRLINES	1	0	1	0
JBU - JETBLUE AIRWAYS	0	2	2	0
MXA - MEXICANA AIRLINES	1	0	1	0
SWA - SOUTHWEST AIRLINES	7	1	8	0
SWQ - SWIFT AIR	1	0	1	0
UAL - UNITED AIRLINES	5	0	5	0
<b>Commercial Totals</b>	<b>23</b>	<b>4</b>	<b>27</b>	<b>2</b>
Business Jets Stage 2	0	0	0	0
Transport Jets Stage 3	1	0	1	1
<b>Business/Transport Jet Totals</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>
<b>Turbojet Totals</b>	<b>24</b>	<b>4</b>	<b>28</b>	<b>3</b>

Total Operations: 11,595

## Curfew Operations VS Total Operations - March 2010

**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
ALLEGIANT AIR, INC.	2	0	2	14	14.29	0.00	14.29
AMERICAN AIRLINES	7	0	7	482	1.45	0.00	1.45
CONTINENTAL AIRLINES	1	0	1	153	0.65	0.00	0.65
SWIFT AIR	0	1	1	2	0.00	50.00	50.00
JETBLUE AIRWAYS	2	0	2	62	3.23	0.00	3.23
MEXICANA AIRLINES	1	0	1	79	1.27	0.00	1.27
SOUTHWEST AIRLINES	6	2	8	4185	0.14	0.05	0.19
UNITED AIRLINES	5	0	5	186	2.69	0.00	2.69
<b>Totals</b>	<b>24</b>	<b>3</b>	<b>27</b>	<b>5163</b>	<b>0.46</b>	<b>0.06</b>	<b>0.52</b>

\*Does not include Cargo or non-scheduled operations.

## Curfew (Turbojet) Report Summary - March 2010

### 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	1	0	1	0
2330 - 2359	11	2	13	0
0000 - 0029	8	0	8	1
0030 - 0059	3	1	4	1
0100 - 0129	0	1	1	1
0130 - 0159	0	0	0	0
0200 - 0229	0	0	0	0
0230 - 0259	1	0	1	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	0	0	0	0
0530 - 0559	0	0	0	0
0600 - 0629	0	0	0	0
0630 - 0659	0	0	0	0
<b>TOTALS</b>	<b>24</b>	<b>4</b>	<b>28</b>	<b>3</b>

## Monthly Airline Run-up Report - March 2010

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

Date	Time	Carrier	Runway	Aircraft	Run-up Type	Complaints
-	-	-	-	-	-	

\*No airline run-ups during March, 2010

## Monthly Airline Run-up Summary - March 2010

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
	-	-	-	-	-
<b>Totals</b>	-	-	-	-	-

\*No airline run-ups during March, 2010



## Complaints - March 2010

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

Event Date Time	Call Date Time	Event	Resolution
03/02/2010 07:30	03/02/2010 07:50	Ms. H from the Rose Garden area reported aircraft noise over her area. Ms. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/5.
03/02/2010 07:50	03/02/2010 07:50	Mr. B from the Hensley Park area reported aircraft noise over his area. Mr. B did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/5.
03/02/2010 07:50	03/02/2010 07:55	Mr. Z from the Shasta/Hanchett area reported aircraft noise over his area. Mr. Z did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/5.
03/05/2010 07:00	03/05/2010 08:31	Mr. R from Sunnyvale reported aircraft noise over his area. Mr. R did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/5.
03/05/2010 21:39	03/05/2010 21:40	Mr. D from North Santa Clara reported aircraft noise over his area. Mr. D did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/12.
03/06/2010 08:26	03/06/2010 08:29	Ms. P from Willow Glen reported aircraft noise over her area. Ms. P did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/12.
03/07/2010 10:47	03/07/2010 11:12	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 3/12.
03/07/2010 23:50	03/07/2010 22:54	Mr. S from the Shasta/Hanchett area reported aircraft noise over his area. Mr. S did not request contact.	Curfew investigation revealed a compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 3/12.
03/08/2010 21:30	03/08/2010 21:53	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 3/12.
03/09/2010 22:23	03/09/2010 22:51	Mr. F from San Jose reported aircraft noise over his area. Mr. F did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 3/12.
03/11/2010 05:39	03/11/2010 18:11	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 3/12.
03/11/2010 05:39	03/11/2010 06:11	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 3/12.
03/12/2010 05:35	03/13/2010 06:10	Mr. G from the Civic Center area reported aircraft noise over his area. Mr. G did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 3/12.
03/13/2010 00:17	03/13/2010 01:34	Ms. K from the Hensley Park area reported aircraft noise over her area. Ms. K did not request contact.	Curfew investigation revealed a compliant arrival by a commercial aircraft. Frequent caller postcard sent on 3/19.
03/13/2010 01:22	03/13/2010 07:10	Ms. S from the Civic Center area reported aircraft noise over her area. Ms. S did request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Noise Staff returned call on 3/16. Frequent caller postcard sent on 3/19.
03/13/2010 05:35	03/13/2010 06:11	Mr. G from the Civic Center area reported aircraft noise over his area. Mr. G did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 3/19.
03/16/2010 05:16	03/16/2010 05:24	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 3/19.
03/17/2010 22:25	03/17/2010 22:32	Mr. D from North Santa Clara reported aircraft noise over his area. Mr. D did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/19.

## Complaints - March 2010

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

Event Date Time	Call Date Time	Event	Resolution
03/18/2010 05:18	03/18/2010 05:47	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 3/19.
03/20/2010 18:42	03/20/2010 18:46	Mr. L from the Shasta/Hanchett area reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/26.
03/20/2010 23:45	03/20/2010 23:51	Mr. F from the Shasta/Hanchett reported helicopter noise over his area. Mr. F did not request contact.	Overflight by medical helicopter. Frequent caller postcard sent on 3/26.
03/21/2010 06:45	03/23/2010 07:22	Ms. K from the Hensley Park area reported aircraft noise over her area. Ms. K did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/26.
03/22/2010 00:29	03/22/2010 00:54	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Overflight by commercial aircraft enroute to SFO. Frequent caller postcard sent on 3/26.
03/23/2010 05:06	03/23/2010 06:59	Ms. D from Santa Clara reported aircraft noise over her area. Ms. D did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 3/26.
03/24/2010 00:24	03/24/2010 07:08	Ms. B from San Jose reported aircraft noise over her area. Ms. B did not request contact.	Compliant arrival by a Stage 3 business jet. Frequent caller postcard sent on 3/26.
03/24/2010 00:34	03/24/2010 16:06	Mr. N from San Jose reported aircraft noise over his area. Mr. N did not request contact.	Compliant arrival by a Stage 3 business jet. Frequent caller postcard sent on 3/26.
03/25/2010 06:05	03/25/2010 08:16	Mr. R from San Jose reported aircraft noise over his area. Mr. R did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/26.
03/25/2010 11:45	03/25/2010 11:50	Mr. S from the Rose Garden reported aircraft noise over his area. Mr. S did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 3/26.
03/25/2010 16:58	03/25/2010 17:02	Ms. T from North Santa Clara reported aircraft noise over his area. Ms. T did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/26.
03/26/2010 08:58	03/26/2010 11:58	Mr. W from Santa Clara reported aircraft noise over his area. Mr. W did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 3/26.
03/26/2010 21:38	03/26/2010 21:39	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 4/1.
03/27/2010 11:46	03/27/2010 11:49	Mr. D from North Santa Clara reported aircraft noise over his area. Mr. D did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/1.
03/27/2010 18:43	03/27/2010 18:44	Mr. D from North Santa Clara reported aircraft noise over his area. Mr. D did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/1.
03/28/2010 09:57	03/28/2010 10:20	Mr. A from Willow Glen reported aircraft noise over his area. Mr. A did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/1.
03/29/2010 00:18	03/29/2010 00:41	Mr. N from San Jose reported aircraft noise over his area. Mr. N did not request contact.	Curfew investigation revealed a compliant arrival by a commercial aircraft. Frequent caller postcard sent on 4/1.