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Memorandum by City Manager's Office

TO: HONORABLE MAYOR AND
CITY COUNCIL

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

SUBJECT: MONTHLY NOISE
REPORT FOR
January 2010

DATE: February 25, 2010

Approved

Date

2/26/10

INFORMATION

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

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

Attachments



Monthly Noise Report January 2010



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

Noise Complaints

The Noise Complaint Summary - January 2010 shows a decrease in the total number of complaints from **27** in December 2009 to **18** in January 2010 (a decrease of **9**). There was a total of **13** complainants, with one complainant accounting for **3** complaints, and another for **2** complaints.

Monthly Curfew Intrusions Report

January 2010 resulted in **16** curfew intrusions, a decrease of **22** from December 2009. There were **2** 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 January 2010 Noise Data (continued)

General Aviation

Complaints associated with General Aviation operations remained constant with **7** in December 2009 and **7** in January 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 **4** airline run-ups during January 2010. This compares with **2** in December 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 - January 2010

Norman Y. Mineta San Jose International Airport
Aircraft Monitoring Center

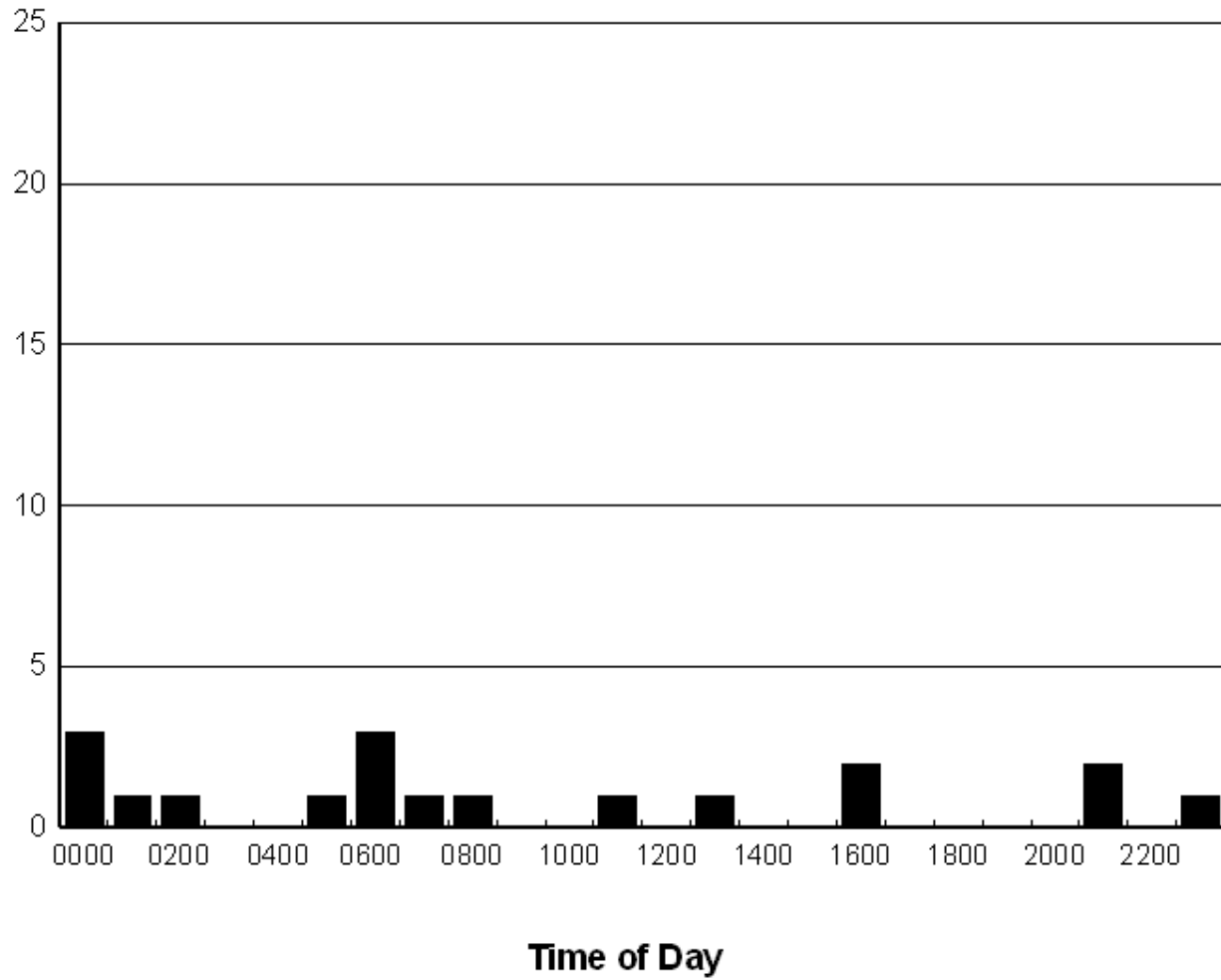
Noise Complaints		Aug 2009	Sep 2009	Oct 2009	Nov 2009	Dec 2009	Jan 2010
Commercial	Intrusion Related	3	0	1	0	1	2
	Loud	29	33	27	25	19	9
	Frequency	0	0	0	0	0	0
	Overflight	0	3	1	0	0	0
	Other	0	0	1	0	0	0
	Total	32	36	30	25	20	11
General Aviation	Intrusion Related	0	0	0	0	0	0
	Fixed Wing	2	8	8	9	7	7
	Helicopter	1	1	0	0	0	0
	Police Helicopter	0	0	0	1	0	0
	Total	3	9	8	10	7	7
Monthly Noise Complaints		35	46	38	35	27	18

Complaints by Area		Aug 2009	Sep 2009	Oct 2009	Nov 2009	Dec 2009	Jan 2010
City of San Jose	SJSH - Shasta/Hanchett	1	1	3	1	0	2
	SJRG - Rose Garden	0	0	3	0	1	1
	SJCC - Civic Center	1	5	2	3	5	5
	SJHP - Hensley Park	0	0	0	1	0	1
	SJWG - Willow Glen	4	9	6	4	5	2
	SJO - Other	6	10	9	5	2	1
	Total	12	25	23	14	13	12
City of Santa Clara	SCNA - North Areas	16	17	12	20	11	3
	SCO - Other	1	0	0	0	0	0
	Total	17	17	12	20	11	3
Other (Includes Unknown)	Other Areas	6	4	3	1	3	3
	Total	6	4	3	1	3	3
Monthly Noise Complaints		35	46	38	35	27	18

No. of Citizens Filing Complaints	19	16	22	18	14	13
Average Complaints per Day	1.1	1.5	1.2	1.2	0.9	.6

Noise Complaints by Time of Day

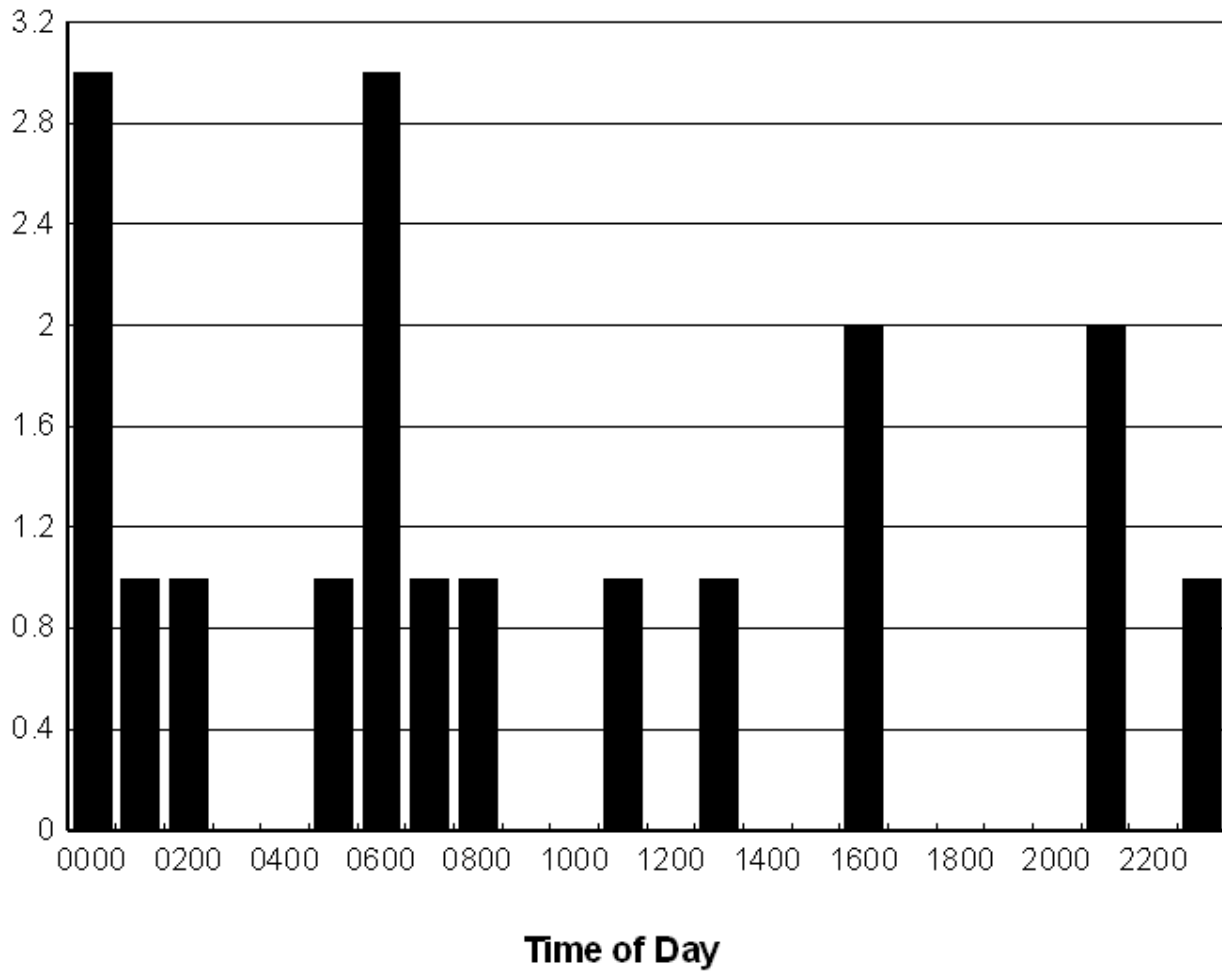
Norman Y. Mineta San Jose International Airport
Number of Complaints - January 2010



18 Total Complaints

Noise Complaints by Time of Day - YTD

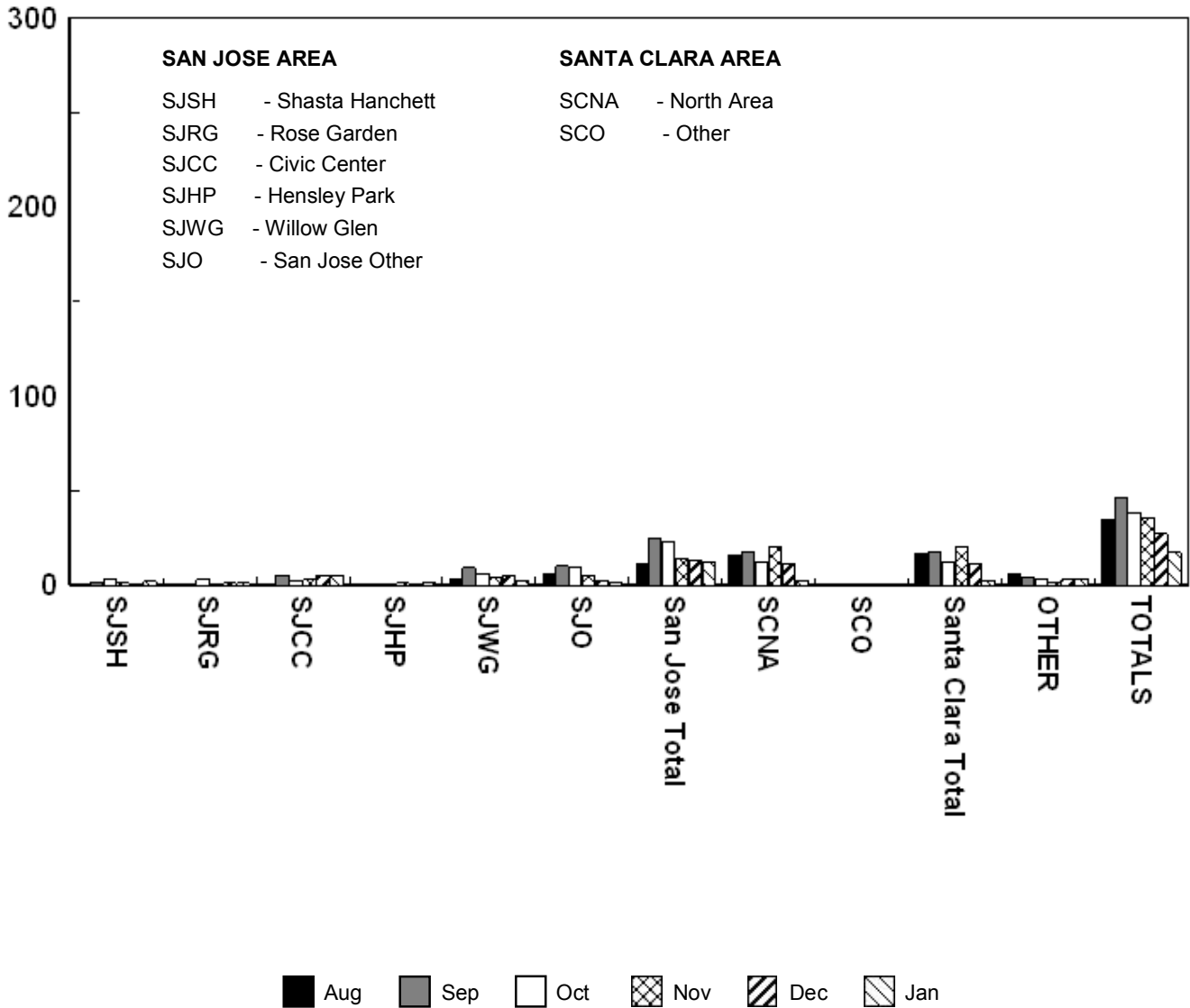
Norman Y. Mineta San Jose International Airport
Number of Complaints - YTD through January 2010



18 Total Complaints

Noise Complaints - City Areas

**Norman Y. Mineta San Jose International Airport - SJC
Complaints - August 2009 through January 2010**



Monthly Curfew Intrusion Report - January 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
01/03/10	23:49	SWA	SWA2462	A30L	B737	MECHANICAL	0
01/04/10	00:46	SWA	SWA2421	A30L	B737	MECHANICAL	0
01/04/10	23:40	JBU	JBU173	A30R	A320	CURFEW	0
01/05/10	00:40	JBU	JBU174	D30R	A320	CURFEW	0
01/08/10	23:33	MXA	MXA951	D30R	A320	ATC	0
01/10/10	23:54	MXA	MXA951	D30R	A320	MECHANICAL	0
01/13/10	00:00	TRNSP3	724YS	A12L	B727	OTHER	1
01/15/10	00:14	AAL	AAL1349	D12L	MD83	WEATHER	1
01/21/10	00:25	AAL	AAL1035	A12R	MD83	WEATHER	0
01/21/10	23:34	SWA	SWA308	D30R	B737	ATC	0
01/21/10	23:38	SWA	SWA387	D30R	B733	WEATHER	0
01/22/10	00:19	SWA	SWA9005	A30L	B733	ATC	0
01/22/10	00:24	SWA	SWA1900	A30L	B737	ATC	0
01/25/10	00:59	DAL	DAL1579	A12R	B738	WEATHER	0
01/25/10	23:37	JBU	JBU174	D12L	A320	WEATHER	0
01/30/10	23:34	TRNSP3	JUS231	D30L	DC93	CURFEW	0

Total Intrusions = 16

Total Complaints = 2

Monthly Curfew Intrusion Report - January 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:	4
Mechanical Related Operations	Total:	3
Weather Related Operations	Total:	5
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: JetBlue Airways Corp	Flight JBU173, (A320)	Citation Issued-Late Paperwork
CURFEW: JetBlue Airways Corp	Flight JBU174, (A320)	Citation Issued- Late Paperwork
CURFEW: USA Jet Airlines	Flight JUS231, (DC93)	Citation Issued- Charter Flight

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

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

Aircraft Curfew Intrusions

Airline	Arrivals	Departures	Total	Complaints
AAL - AMERICAN AIRLINES	1	1	2	1
DAL - DELTA AIR LINES INC	1	0	1	0
JBU - JETBLUE AIRWAYS	1	2	3	0
MXA - MEXICANA AIRLINES	0	2	2	0
SWA - SOUTHWEST AIRLINES	4	2	6	0
Commercial Totals	7	7	14	1
Business Jets Stage 2	0	0	0	0
Transport Jets Stage 3	1	1	2	1
Business/Transport Jet Totals	1	1	2	1
Turbojet Totals	8	8	16	2

Total Operations: 10,690

Curfew Operations VS Total Operations - January 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
AMERICAN AIRLINES	2	0	2	480	0.42	0.00	0.42
DELTA AIR LINES INC	1	0	1	54	1.85	0.00	1.85
JETBLUE AIRWAYS	1	2	3	91	1.10	2.20	3.30
MEXICANA AIRLINES	2	0	2	104	1.92	0.00	1.92
SOUTHWEST AIRLINES	6	0	6	3990	0.15	0.00	0.15
Totals	12	2	14	4719	0.25	0.04	0.30

*Does not include Cargo or non-scheduled operations.

Curfew (Turbojet) Report Summary - January 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	0	0	0	0
2330 - 2359	2	6	8	0
0000 - 0029	4	1	5	2
0030 - 0059	2	1	3	0
0100 - 0129	0	0	0	0
0130 - 0159	0	0	0	0
0200 - 0229	0	0	0	0
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	0	0	0	0
0530 - 0559	0	0	0	0
0600 - 0629	0	0	0	0
0630 - 0659	0	0	0	0
TOTALS	8	8	16	2

Monthly Airline Run-up Report - January 2010

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

Date	Time	Carrier	Runway	Aircraft	Run-up Type	Complaints
01/01/10	12:25	DAL	NC13	B757	LOW POWER	0
01/02/10	14:40	ASA	R-35	B737	LOW POWER	0
01/24/10	00:40	AAL	A-14	MD80	LOW POWER	0
01/26/10	03:30	SWA	A-14	B737	LOW POWER	0

Monthly Airline Run-up Summary - January 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
AAL - AMERICAN AIRLINES	0	0	1	1	0
ASA - ALASKA AIRLINES	0	0	1	1	0
DAL - DELTA AIR LINES INC	0	0	1	1	0
SWA - SOUTHWEST AIRLINES	0	0	1	1	0
Totals	0	0	4	4	0

Complaints - January 2010

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

Event Date Time	Call Date Time	Event	Resolution
01/01/2010 08:00	01/01/2010 08:43	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 1/8.
01/01/2010 13:15	01/01/2010 13:35	Mr. H from the Civic Center area reported aircraft noise over his area. Mr. H requested contact.	Departure by commercial aircraft. Noise Staff contacted Mr. H on 1/4. Frequent caller postcard sent on 1/8.
01/03/2010 00:07	01/03/2010 07:11	Mr. A from the Civic Center area reported aircraft noise over his area. Mr. A did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 1/8.
01/03/2010 05:04	01/03/2010 07:10	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 1/8.
01/03/2010 16:22	01/03/2010 16:24	Ms. H from Willow Glen reported aircraft noise over her area. Ms. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 1/8.
01/03/2010 16:22	01/03/2010 16:23	Ms. S from Willow Glen reported aircraft noise over her area. Ms. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 1/8.
01/04/2010 02:00	01/04/2010 09:05	Ms. C from the Civic Center area reported aircraft noise over her area. Ms. C did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 1/8.
01/05/2010 00:40	01/05/2010 09:10	Ms. A from the Civic Center area reported aircraft noise over her area. Ms. A did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 1/8.
01/07/2010 21:37	01/07/2010 21:49	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 1/8.
01/11/2010 11:03	01/11/2010 20:21	Mr. K from the Rose Garden area reported aircraft noise over his area. Mr. K did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 1/15.
01/12/2010 06:44	01/12/2010 06:46	Mr. R from Sunnyvale reported aircraft noise over his area. Mr. R did not request contact.	Departure by a commercial aircraft. Frequent caller postcard sent on 1/15.
01/15/2010 00:14	01/15/2010 09:18	Ms. K from the Hensley Park area reported aircraft noise over her area. Ms. K did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 1/15.
01/18/2010 01:14	01/18/2010 01:15	Mr. B from North Santa Clara reported aircraft noise over his area. Mr. B did not request contact.	Complaint arrival by a Stage 3 business jet. Frequent caller postcard sent on 1/22.
01/20/2010 06:00	01/20/2010 06:45	Mr. Z from the Shasta/Hanchett area reported aircraft noise over his area. Mr. Z did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 1/22.
01/24/2010 21:01	01/24/2010 21:45	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 1/29.
01/24/2010 23:39	01/24/2010 23:41	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 1/29.
01/26/2010 07:40	01/26/2010 07:44	Mr. Z from the Shasta/Hanchett area reported aircraft noise over his area. Mr. Z did not request contact.	Departure by a commercial aircraft. Frequent caller postcard sent on 1/29.
01/31/2010 06:05	01/31/2010 10:17	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 2/5.