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TO: HONORABLE MAYOR AND

CITY COUNCIL

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

SUBJECT: MONTHLY NOISE

REPORT FOR

May 2009

DATE: June 12, 2009

Approved

Date

6/16/09

INFORMATION

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

WILLIAM F. SHERRY, A.A.E.

Director of Aviation

Attachments



Monthly Noise Report May 2009







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Analysis of May 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 May 2009 was 100% Stage 3.

Noise Complaints

The Noise Complaint Summary - May 2009 shows a decrease in the total number of complaints from **78** in April 2009 to **54** in May 2009 (a decrease of **24**). There was a total of **21** complainants, with one complainant accounting for **13** complaints, and another for **12** complaints.

Monthly Curfew Intrusions Report

May 2009 resulted in 19 curfew intrusions, a decrease of 12 from April 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 May 2009 Noise Data (continued)

General Aviation

Complaints associated with General Aviation operations changed from **20** in April 2009 to **8** in May 2009. There were **0** complaints associated with the San Jose Police Department helicopter surveillance activity.

Monthly Airline Turbojet Run-up Report

There were a total of **0** airline run-ups during May 2009. This compares with **6** in April 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 - May 2009

Norman Y. Mineta San Jose International Airport Aircraft Monitoring Center

Noise Complaints		Dec 2008	Jan 2009	Feb 2009	Mar 2009	Apr 2009	May 2009
Commercial	Intrusion Related	1	1	0	0	1	5
	Loud	30	17	10	34	56	41
	Frequency	3	1	1	4	0	0
	Overflight	1	1	0	0	1	0
	Other	0	0	0	0	0	0
	Total	35	20	11	38	58	46
General	Intrusion Related	0	0	0	0	0	0
Aviation	Fixed Wing	2	3	3	6	19	8
	Helicopter	0	0	0	0	1	0
	Police Helicopter	0	0	1	1	0	0
	Total	2	3	4	7	20	8
Monthly Noise Co	mplaints	37	23	15	45	78	54

Complaints by Area		Dec 2008	Jan 2009	Feb 2009	Mar 2009	Apr 2009	May 2009
City of	SJSH - Shasta/Hanchett	2	3	1	4	2	0
San Jose	SJRG - Rose Garden	0	3	0	2	1	0
	SJCC - Civic Center	5	2	3	3	4	1
	SJHP - Hensley Park	0	1	3	0	0	0
	SJWG - Willow Glen	10	3	2	13	4	2
	SJO - Other	5	4	1	8	13	11
	Total	22	16	10	30	24	14
City of	SCNA - North Areas	12	6	4	15	53	38
Santa Clara	SCO - Other	0	0	0	0	0	0
	Total	12	6	4	15	53	38
Other	Other Areas	3	1	1	0	1	2
(Includes Unknown)	Total	3	1	1	0	1	2
Monthly Noise C	Monthly Noise Complaints		23	15	45	78	54

13

1.2

14

0.7

13

0.5

No. of Citizens Filing Complaints

Average Complaints per Day

21

1.7

22

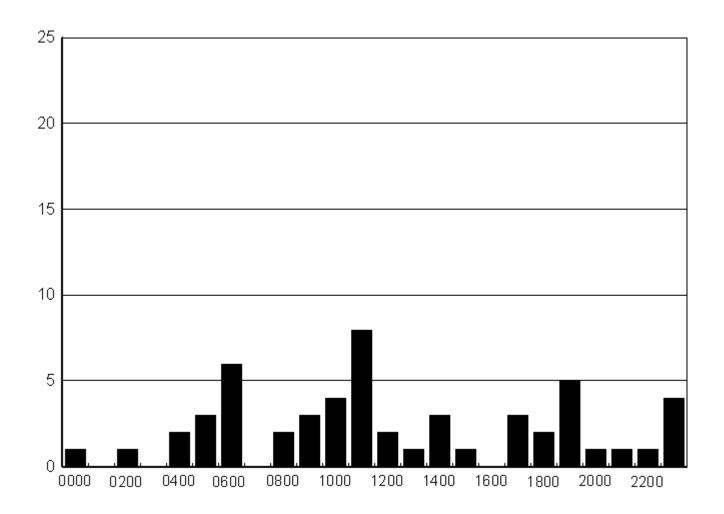
2.6

13

1.5

Noise Complaints by Time of Day

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

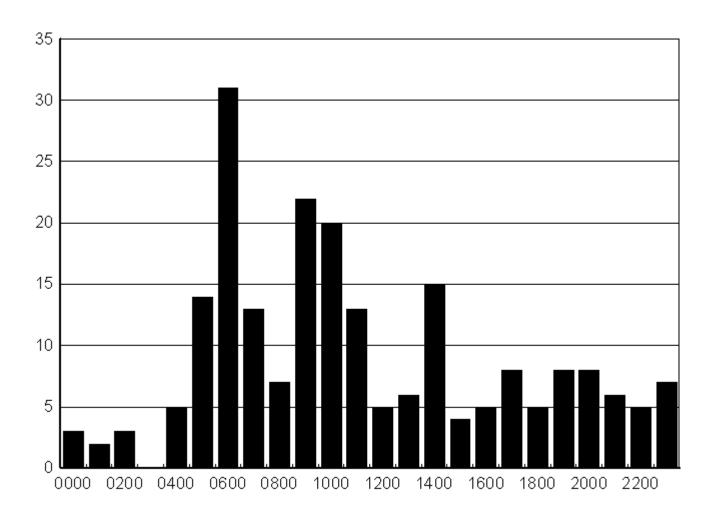


Time of Day

54 Total Complaints

Noise Complaints by Time of Day - YTD

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

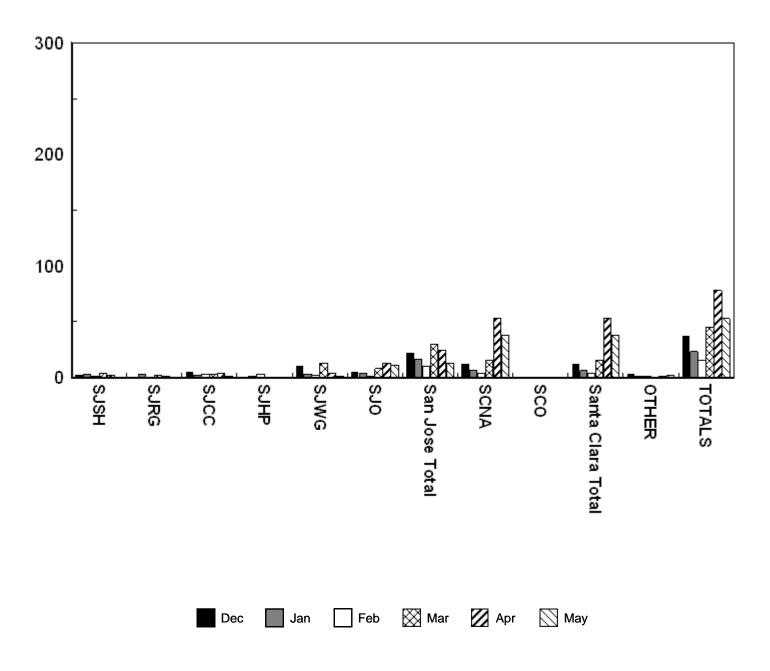


Time of Day

215 Total Complaints

Noise Complaints - City Areas

Norman Y. Mineta San Jose International Airport - SJC Complaints - December 2008 through May 2009



Monthly Curfew Intrusion Report - May 2009

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

Curfew Intrusion Breakdown

Date	Time	Carrier	Flight_No	Runway	Aircraft	Comment	Complaints
05/01/09	02:49	TRNSP3	NWA9819	A30L	B744	MILITARY	0
05/01/09	05:53	TRNSP3	AAY4901	A30L	MD83	MILITARY	0
05/02/09	23:46	AAL	AAL1355	A12R	MD82	WEATHER	0
05/04/09	23:44	JBU	JBU174	D12R	A320	ATC	1
05/06/09	02:23	TRNSP3	UPS9604	D30R	A306	MECHANICAL	0
05/07/09	23:29	SWA	SWA956	A30L	B735	WEATHER	0
05/10/09	23:34	SWA	SWA501	A30L	B733	MECHANICAL	0
05/13/09	23:39	SWA	SWA1671	A30L	B737	MECHANICAL	0
05/14/09	23:40	AAL	AAL1798	D30R	MD82	WEATHER	1
05/14/09	23:46	JBU	JBU174	D30R	A320	WEATHER	0
05/15/09	00:00	AAL	AAL1561	D30R	B763	WEATHER	1
05/15/09	00:48	AAL	AAL1035	A30L	MD82	ATC	0
05/17/09	00:14	JBU	JBU173	A30L	A320	WEATHER	0
05/17/09	01:41	JBU	JBU174	D30R	A320	WEATHER	0
05/23/09	06:10	TRNSP3	N2TS	D12R	B737	CURFEW	0
05/24/09	23:52	JBU	JBU173	A30L	A320	MECHANICAL	0
05/25/09	00:51	JBU	JBU174	D30R	A320	MECHANICAL	0
05/26/09	23:31	ASA	ASA332	A30L	B734	MECHANICAL	0
05/30/09	00:25	SWA	SWA121	A30L	B737	WEATHER	0

Total Intrusions = 19

Total Complaints = 3

Monthly Curfew Intrusion Report - May 2009 (continued)

KEY

UNKNOWN

- A = Arrival D = Departure (Number) - FAA Air Traffic Control Factors RUNWAY **ATC** STAGE 2 BTJ - Older Technology Business Turbojet - Aircraft Mechanical Delays **MECHANICAL** - Stage 3 Transport Category Aircraft - Weather Related Factors TRNSP3 WEATHER LIFEFLIGHT - Medical Emergency Flights **UNIVERSAL TIME** -1pm = 13:00 and 11pm = 23:00OTHER **SECURITY**

INTRUSIONS IN COMPLIANCE WITH ANCP

ATC Related Operations	Total:	2
Mechanical Related Operations	Total:	6
Weather Related Operations	Total:	8
Lifeflight/Medical Emergency Related Operations	Total:	0
Government/Military/Emergency Related Operations	Total:	2
Other	Total:	0

INTRUSIONS IN NON-COMPLIANCE WITH ANCP

CURFEW: First Virtual Management Flight N2TS, (B737) Early Departure-Citation Issued

Non-Compliant Operations Total: 1

Curfew (Turbojet) Report Summary - May 2009

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

Aircraft Curfew Intrusions

Airline	Arrivals	Departures	Total	Complaints
AAL - AMERICAN AIRLINES	2	2	4	2
ASA - ALASKA AIRLINES	1	0	1	0
JBU - JETBLUE AIRWAYS	2	4	6	1
SWA - SOUTHWEST AIRLINES	4	0	4	0
Commercial Totals	9	6	15	3
Business Jets Stage 2	0	0	0	0
Transport Jets Stage 3	2	2	4	0
Business/Transport Jet Totals	2	2	4	0
Turbojet Totals	11	8	19	3

Total Operations: 14,469

Curfew Operations VS Total Operations - May 2009

	Curfew Operations			Total Operations*	Curfew as % of Total Operations		
Airline	Compliant	Non Compliant	Total		Compliant	Non Compliant	Total
ALASKA AIRLINES	1	0	1	445	0.22	0.00	0.22
AMERICAN AIRLINES	4	0	4	676	0.59	0.00	0.59
JETBLUE AIRWAYS	6	0	6	283	2.12	0.00	2.12
SOUTHWEST AIRLINES	4	0	4	4877	0.08	0.00	0.08
Totals	15	0	15	6281	0.24	0.00	0.24

^{*}Does not include Cargo or non-scheduled operations.

Curfew (Turbojet) Report Summary - May 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	1	0	1	0
2330 - 2359	5	3	8	2
0000 - 0029	2	1	3	1
0030 - 0059	1	1	2	0
0100 - 0129	0	0	0	0
0130 - 0159	0	1	1	0
0200 - 0229	0	1	1	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	1	0	1	0
0600 - 0629	0	1	1	0
0630 - 0659	0	0	0	0
TOTALS	11	8	19	3

Monthly Airline Run-up Report - May 2009

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

^{*}No airline run-ups during May, 2009

Monthly Airline Run-up Summary - May 2009

Carrier	Run-up High Power Over 90%	Run-up Part Power 60% to 90%	Run-up Low Power Less than 60%	Total	Complaints
	-	-	-	-	-
Totals	-	-	-	-	-

^{*}No airline run-ups during May, 2009

Complaints - May 2009

Event Date Time	Call Date Time	Event	Resolution		
05/01/2009 18:34	05/02/2009 06:26	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/8.		
05/02/2009 05:26	05/02/2009 06:26	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 5/8.		
05/02/2009 06:06	05/02/2009 06:26	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/8.		
05/02/2009 06:09	05/02/2009 06:26	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/8.		
05/04/2009 05:59	05/04/2009 05:59	Ms. A from San Jose reported aircraft noise over her area. Ms. A did request contact.	Compliant arrival by a Stage 3 business jet. Noise Staff left a message on 5/5. Frequent caller postcard sent on 5/8.		
05/04/2009 06:30	05/06/2009 08:45	Ms. G from San Jose reported aircraft noise over her area from 06:30 through 11:10. Ms. G did request contact.	Departures by commercial aircraft at posted times. Noise staff contacted Ms. G on 5/6. New caller information package sent on 5/6.		
05/04/2009 09:15	05/04/2009 09:29	Ms. S from San Jose reported aircraft noise over her area. Ms. S did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 5/8.		
05/06/2009 04:55	05/06/2009 04:57	Mr. W from North Santa Clara reported aircraft noise over his area. Mr. W did not request contact.	Compliant departure by Stage 3 business jet. New caller information package sent on 5/7.		
05/06/2009 05:37	05/06/2009 05:53	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Compliant departure by Stage 3 business jet. Frequent caller postcard sent 5/8.		
05/07/2009 04:44	05/08/2009 06:46	Ms. A from San Jose reported aircraft noise over her area. Ms. A did not request contact.	Compliant arrival by Stage 3 business jet. Frequent caller postcard sent on 5/8.		
05/07/2009 19:30	05/07/2009 19:34	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 5/8.		
05/08/2009 02:40	05/08/2009 06:46	Ms. O from San Jose reported aircraft noise over her area. Ms. O did request contact.	Compliant departure by a Stage 3 business jet. Noise staff left a message on 5/8. Frequent caller postcard sent on 5/8.		
05/08/2009 06:45	05/08/2009 06:46	Ms. A from San Jose reported aircraft noise over her area. Ms. A did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 5/8.		
05/10/2009 14:00	05/10/2009 14:56	Ms. L from Saratoga reported aircraft noise over her area. Ms. L did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 5/15.		
05/11/2009 10:58	05/11/2009 11:05	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 5/15.		
05/11/2009 14:50	05/11/2009 15:06	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 5/15.		
05/12/2009 08:32	05/12/2009 20:38	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 5/15.		
05/13/2009 19:49	05/14/2009 23:38	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/15.		

Complaints - May 2009

Event Date Time	Call Date Time	Event	Resolution
05/14/2009 06:30	05/14/2009 09:11	Ms. S from San Jose reported aircraft noise over her area. Ms. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/15.
05/14/2009 06:30	05/14/2009 11:54	Ms. G from San Jose reported aircraft noise over her area. Ms. G did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 5/15.
05/14/2009 10:45	05/14/2009 12:12	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 5/15.
05/14/2009 10:51	05/14/2009 12:12	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 5/15.
05/14/2009 10:52	05/14/2009 11:26	Mr. F from North Santa Clara reported aircraft noise over his area. Mr. F did request contact via email.	Departure by commercial aircraft. Email response sent on 5/15. Frequent caller postcard sent on 5/15.
05/14/2009 11:02	05/15/2009 16:29	Mr. N from North Santa Clara reported aircraft noise over his area. Mr. N did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/22.
05/14/2009 12:02	05/14/2009 12:15	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 5/15.
05/14/2009 13:30	05/14/2009 13:33	Ms. M from San Jose reported aircraft noise over her area throughout the day. Ms. M did request contact.	Arrivals by commercial aircraft. Noise staff contacted Ms. M on 5/14. New caller information package sent 5/15.
05/14/2009 20:53	05/14/2009 23:17	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did request contact via email.	Departure by commercial aircraft. Email response sent on 5/14. Frequent caller postcard sent on 5/15.
05/14/2009 22:43	05/14/2009 23:39	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/15.
05/14/2009 23:40	05/15/2009 12:18	Ms. B from North Santa Clara reported aircraft noise over her area. Ms. B did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 5/15.
05/14/2009 23:42	05/14/2009 23:44	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 5/15.
05/14/2009 23:49	05/15/2009 00:02	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Compliant departure by commercial aircraft. Frequent caller postcard sent on 5/15.
05/15/2009 00:00	05/15/2009 00:02	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Compliant departure by commercial aircraft. Frequent caller postcard sent on 5/15.
05/15/2009 09:08	05/15/2009 09:29	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did request contact via email.	Departure by commercial aircraft. Email response sent on 5/18. Frequent caller postcard sent on 5/22.
05/15/2009 11:43	05/15/2009 12:13	Mr. F from North Santa Clara reported aircraft noise over his area. Mr. F did request response via e-mail.	Departure by commercial aircraft. Email response sent on 5/15. Frequent caller postcard sent on 5/15.
05/15/2009 11:44	05/15/2009 12:14	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 5/15.
05/16/2009 08:18	05/16/2009 11:42	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 5/22.

Complaints - May 2009

Event Date Time	Call Date Time	Event	Resolution
05/17/2009 19:41	05/17/2009 19:44	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 5/22.
05/17/2009 23:09	05/18/2009 12:07	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/22.
05/18/2009 09:42	05/18/2009 10:18	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 5/22.
05/18/2009 14:47	05/18/2009 17:43	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 5/22.
05/18/2009 17:28	05/18/2009 17:44	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 5/22.
05/19/2009 19:55	05/20/2009 08:13	Mr. P from Los Gatos reported aircraft noise over his area. Mr. P did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 5/22.
05/23/2009 21:16	05/23/2009 21:16	Mr. K from San Jose reported aircraft noise over his area. Mr. K did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/29.
05/24/2009 11:25	05/24/2009 11:47	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 5/29.
05/24/2009 17:03	05/24/2009 22:31	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/29.
05/24/2009 17:14	05/24/2009 22:32	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/29.
05/24/2009 18:12	05/24/2009 22:32	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/29.
05/28/2009 11:25	05/28/2009 11:47	Ms. M from the Civic Center area reported aircraft noise over her area. Ms. M did request contact.	Departure by commercial aircraft. Noise Staff left message on 5/28. Frequent caller postcard sent on 5/29.
05/29/2009 19:28	05/29/2009 19:29	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 6/5.
05/30/2009 11:52	05/30/2009 22:06	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 6/5.
05/30/2009 11:52	05/30/2009 22:08	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 6/5.
05/30/2009 11:53	05/30/2009 22:06	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request contact.	Departure by Stage 3 business jet. Frequent caller postcard sent on 6/5.
05/30/2009 12:02	05/30/2009 22:07	Mr. L from North Santa Clara reported aircraft noise over his area. Mr. L did not request a callback.	Departure by commercial aircraft. Frequent caller postcard sent on 6/5.
05/31/2009 15:24	05/31/2009 15:57	Ms. S from Willow Glen reported aircraft noise over her area. Ms. S did not request contact.	Arrival by Stage 3 business jet. Frequent caller postcard sent on 6/5.