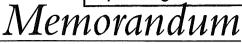
SENT TO COUNCIL:

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City Manager's Office





TO: HONORABLE MAYOR AND

CITY COUNCIL

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

SUBJECT: MONTHLY NOISE

REPORT FOR **DECEMBER 2010** **DATE:** January 28, 2011

Approved

Date

INFORMATION

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

/s/

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

Attachments



Monthly Noise Report December 2010







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Analysis of December 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 December 2010 was **100%** Stage 3.

Noise Complaints

The Noise Complaint Summary - December 2010 shows an increase in the total number of complaints from **16** in November 2010 to **18** in December 2010 (an increase of **2**). There was a total of **14** complainants, with one complainant accounting for **3** complaints, and another for **2** complaints.

Monthly Curfew Intrusions Report

December 2010 resulted in **67** curfew intrusions, an increase of **39** from November 2010. There were **3** complaints associated with the curfew intrusions. There were **6** operations "In Non-Compliance" with the Noise Control Program. A description can be found in the **Monthly Curfew Intrusions Report.**

Analysis of December 2010 Noise Data (continued)

General Aviation

Complaints associated with General Aviation operations changed from 3 in November 2010 to 1 in December 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 **7** airline run-ups during December 2010. This compares with **3** in November 2010. There was **1** High Power Engine run-up; **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 2010

Norman Y. Mineta San Jose International Airport Aircraft Monitoring Center

Noise Complaints		Jul 2010	Aug 2010	Sep 2010	Oct 2010	Nov 2010	Dec 2010
Commercial	Intrusion Related	11	4	5	6	1	7
	Loud	14	25	14	21	12	8
	Frequency	0	0	0	0	0	1
	Overflight	0	0	0	0	0	0
	Other	0	0	1	0	0	0
	Total	25	29	20	27	13	16
General	Intrusion Related	0	0	0	0	0	0
Aviation	Fixed Wing	7	4	3	0	3	1
	Helicopter	2	0	1	2	0	0
	Police Helicopter	0	0	1	0	0	0
	Total	9	4	5	2	3	1
Monthly Noise Co	omplaints	34	34	25	29	16	18

Complaints by Area		Jul 2010	Aug 2010	Sep 2010	Oct 2010	Nov 2010	Dec 2010
City of	SJSH - Shasta/Hanchett	7	2	3	1	4	3
San Jose	SJRG - Rose Garden	1	2	1	2	1	0
	SJCC - Civic Center	0	4	1	6	1	4
	SJHP - Hensley Park	0	0	0	1	0	0
	SJWG - Willow Glen	4	11	4	1	0	2
	SJO - Other	13	2	3	3	0	3
	Total	25	21	12	14	6	12
City of	SCNA - North Areas	9	6	11	7	2	2
Santa Clara	SCO - Other	0	0	0	0	0	0
	Total	9	6	11	7	2	2
Other	Other Areas	0	7	2	8	8	4
(Includes Unknown)	Total	0	7	2	8	8	4
Monthly Noise Complaints		34	34	25	29	16	18

19

1.1

17

8.0

18

0.9

11

0.5

16

1.1

No. of Citizens Filing Complaints

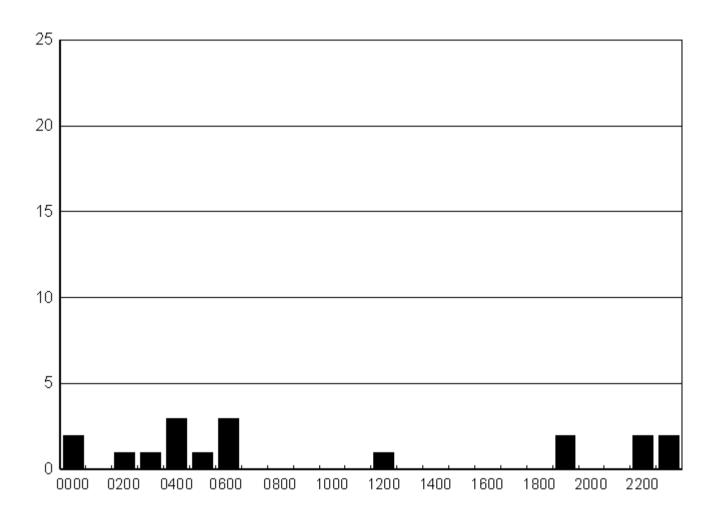
Average Complaints per Day

14

.6

Noise Complaints by Time of Day

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

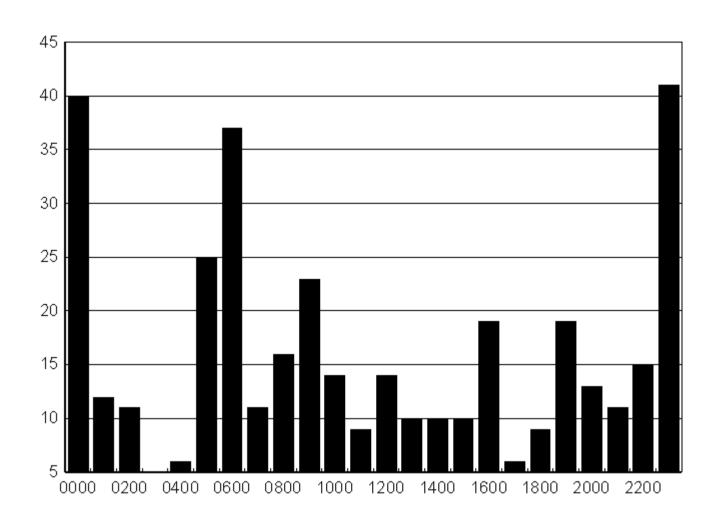


Time of Day

18 Total Complaints

Noise Complaints by Time of Day - YTD

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

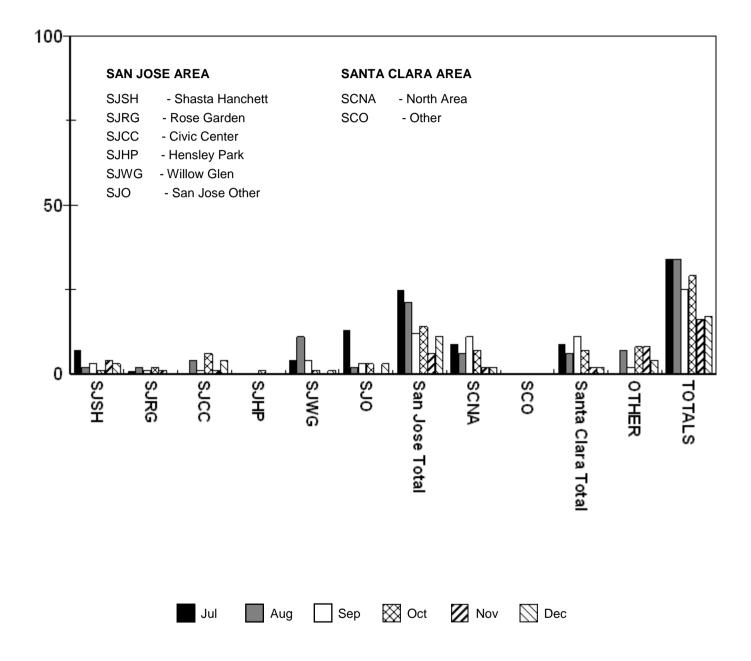


Time of Day

386 Total Complaints

Noise Complaints - City Areas

Norman Y. Mineta San Jose International Airport - SJC Complaints - July 2010 through December 2010



Monthly Curfew Intrusion Report - December 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
12/03/10	23:44	UAL	UAL467	A30L	A319	MECHANICAL	0
12/08/10	23:38	SWA	SWA1685	D12L	B737	WEATHER	0
12/08/10	23:49	SWA	SWA751	D12L	B737	WEATHER	0
12/10/10	02:32	TRNSP3	724YS	A30L	B727	OTHER	1
12/10/10	03:15	TRNSP3	724YS	D30L	B727	OTHER	1
12/14/10	03:56	DAL	DAL1684	D30R	B738	MECHANICAL	0
12/15/10	00:37	AAL	AAL827	A30L	B738	MECHANICAL	0
12/15/10	23:55	UAL	UAL467	A30L	A320	CURFEW	0
12/16/10	02:25	JBU	JBU174	D30R	A320	MECHANICAL	0
12/16/10	23:31	SWA	SWA3673	D30R	B737	MECHANICAL	0
12/16/10	23:42	SWA	SWA1420	A30L	B733	WEATHER	0
12/17/10	00:04	SWA	SWA122	A30L	B737	MECHANICAL	0
12/17/10	23:40	SWA	SWA1605	D12L	B737	WEATHER	0
12/17/10	23:48	COA	COA421	A12R	B738	ATC	0
12/17/10	23:59	SWA	SWA329	A12L	B737	MECHANICAL	0
12/18/10	00:09	SWA	SWA3917	A12R	B737	ATC	0
12/18/10	00:35	SWA	SWA1418	A12R	B737	SECURITY	0
12/18/10	00:43	SWA	SWA3763	A12R	B737	WEATHER	0
12/18/10	02:34	SWA	SWA1158	A12R	B733	CURFEW	0
12/18/10	03:20	SWA	SWA1245	D12L	B733	CURFEW	0
12/18/10	23:43	TRNSP3	CCI1706	D12L	B722	CURFEW	0
12/19/10	00:00	TRNSP3	ATN1834	D12L	DC87	WEATHER	0
12/19/10	01:32	TRNSP3	724YS	A30L	B727	OTHER	0
12/19/10	23:30	ASA	ASA226	D12L	B738	MECHANICAL	0
12/20/10	00:02	JBU	JBU173	A12R	A320	WEATHER	0
12/20/10	00:14	JBU	JBU472	D12L	A320	WEATHER	1
12/20/10	01:09	JBU	JBU174	D12L	A320	WEATHER	0
12/20/10	02:34	TRNSP3	724YS	D30L	B727	OTHER	0
12/20/10	23:41	SWA	SWA2010	A12L	B737	MECHANICAL	0
12/21/10	00:18	JBU	JBU173	A12R	A320	WEATHER	0
12/21/10	00:52	AAL	AAL827	A12R	B738	WEATHER	0
12/21/10	01:18	JBU	JBU174	D12L	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
12/21/10	03:24	SWA	SWA718	A12L	B737	MECHANICAL	0
12/22/10	00:41	SWA	SWA718	A12R	B737	WEATHER	0
12/22/10	01:16	SWA	SWA582	A12L	B733	WEATHER	0
12/22/10	23:33	SWA	SWA513	A30L	B733	MECHANICAL	0
12/22/10	23:36	SWA	SWA354	A30L	B733	MECHANICAL	0
12/22/10	23:42	SWA	SWA329	A30L	B735	MECHANICAL	0
12/22/10	23:43	SWA	SWA3763	A30R	B733	MECHANICAL	0
12/22/10	23:46	DAL	DAL1684	D30R	B738	SECURITY	0
12/23/10	23:37	JBU	JBU174	D30R	A320	WEATHER	0
12/23/10	23:42	AAL	AAL1065	A30L	MD83	MECHANICAL	0
12/23/10	23:44	SWA	SWA329	A30R	B733	WEATHER	0
12/26/10	23:38	SWA	SWA1823	A30R	B737	MECHANICAL	0
12/26/10	23:44	AAL	AAL1065	A30L	MD83	MECHANICAL	0
12/26/10	23:45	DAL	DAL1684	D30R	B738	WEATHER	0
12/27/10	23:37	ASA	ASA894	A30L	B738	MECHANICAL	0
12/28/10	23:30	COA	COA421	A12R	B738	WEATHER	0
12/28/10	23:34	SWA	SWA174	D12L	B737	MECHANICAL	0
12/28/10	23:48	JBU	JBU471	A12R	A320	WEATHER	0
12/28/10	23:56	AAL	AAL65Q	A12R	MD83	MECHANICAL	0
12/29/10	00:59	SWA	SWA513	A12R	B737	MECHANICAL	0
12/29/10	01:01	JBU	JBU472	D12L	A320	WEATHER	0
12/30/10	00:03	SWA	SWA513	A30L	B733	WEATHER	0
12/30/10	00:29	SWA	SWA329	A30L	B735	CURFEW	0
12/30/10	00:37	COA	COA421	A30L	B738	WEATHER	0
12/30/10	00:44	SWA	SWA3917	A30L	B737	WEATHER	0
12/30/10	00:57	SWA	SWA3763	A30L	B737	MECHANICAL	0
12/30/10	01:29	JBU	JBU173	A30L	A320	WEATHER	0
12/30/10	23:35	SWA	SWA3763	A30R	B733	MECHANICAL	0
12/30/10	23:38	JBU	JBU174	D30R	A320	MECHANICAL	0
12/30/10	23:41	AAL	AAL1065	A30L	MD83	MECHANICAL	0
12/31/10	00:03	SWA	SWA1215	A30R	B737	WEATHER	0
12/31/10	00:14	COA	COA421	A30L	B738	MECHANICAL	0
12/31/10	00:29	SWA	SWA3149	D30R	B737	WEATHER	0
12/31/10	00:33	SWA	SWA329	A30R	B735	CURFEW	0
12/31/10	02:03	SWA	SWA513	A30L	B733	WEATHER	0

Total Intrusions = 67

Total Complaints = 3

Monthly Curfew Intrusion Report - December 2010 (continued)

KEY

UNKNOWN

CURFEW:

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

Citation Issued

INTRUSIONS IN COMPLIANCE WITH ANCP

2 Total: **ATC Related Operations** 26 Total: Mechanical Related Operations Total: 27 Weather Related Operations Total: 0 Lifeflight/Medical Emergency Related Operations 2 Total: Government/Military/Emergency Related Operations 4 Total: Other

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

INTRUSIONS IN NON-COMPLIANCE WITH ANCP

CURFEW: Southwest Airlines Co. Flight SWA1158, (B733) Citation Issued
CURFEW: Southwest Airlines Co. Flight SWA1245, (B733) Citation Issued

United Air Lines Inc. Flight UAL467, (A320)

CURFEW: Flight CCI1706, (B722) Citation Issued

CURFEW: Southwest Airlines Co. Flight SWA329, (B735) Citation IssuedCURFEW: Southwest Airlines Co. Flight SWA329, (B735) Citation Issued

Non-Compliant Operations Total: 6

Curfew (Turbojet) Report Summary - December 2010

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	1	2	0
COA - CONTINENTAL AIRLINES	4	0	4	0
DAL - DELTA AIR LINES, INC.	0	3	3	0
JBU - JETBLUE AIRWAYS	4	7	11	1
SWA - SOUTHWEST AIRLINES	26	7	33	0
UAL - UNITED AIRLINES	2	0	2	0
Commercial Totals	43	18	61	1
Business Jets Stage 2	0	0	0	0
Transport Jets Stage 3	2	4	6	2
Business/Transport Jet Totals	2	4	6	2
Turbojet Totals	45	22	67	3

Total Operations: 10,654

Curfew Operations VS Total Operations - December 2010

	Curfew Operations			Total Operations*	Curfew as % of Total Operations		
Airline	Compliant	Non Compliant	Total		Compliant	Non Compliant	Total
ALASKA AIRLINES	2	0	2	639	0.31	0.00	0.31
AMERICAN AIRLINES	6	0	6	483	1.24	0.00	1.24
CONTINENTAL AIRLINES	4	0	4	152	2.63	0.00	2.63
DELTA AIR LINES, INC.	3	0	3	139	2.16	0.00	2.16
JETBLUE AIRWAYS	11	0	11	106	10.38	0.00	10.38
SOUTHWEST AIRLINES	29	4	33	3868	0.75	0.10	0.85
UNITED AIRLINES	1	1	2	192	0.52	0.52	1.04
Totals	56	5	61	5579	1.00	0.09	1.09

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

Curfew (Turbojet) Report Summary - December 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	20	11	31	0
0000 - 0029	8	3	11	1
0030 - 0059	10	0	10	0
0100 - 0129	2	3	5	0
0130 - 0159	1	0	1	0
0200 - 0229	1	1	2	0
0230 - 0259	2	1	3	1
0300 - 0329	1	2	3	1
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	45	22	67	3

Monthly Airline Run-up Report - December 2010

Date	Time	Carrier	Runway	Aircraft	Run-up Type	Complaints
12/06/10	00:00	ATN	SC4	DC-8	LOW POWER	0
12/11/10	11:40	ATN	SC-1	DC-8	LOW POWER	0
12/11/10	12:20	ATN	SC4	DC-8	LOW POWER	0
12/13/10	09:42	ATN	SC-1	DC-8	LOW POWER	0
12/13/10	10:50	ATN	SC4	DC-8	LOW POWER	0
12/29/10	13:00	SWA	TWY-Y@M	B737	HIGH POWER	0
12/30/10	12:45	QXE	29	Q400	LOW POWER	0

Monthly Airline Run-up Summary - December 2010

Carrier	Run-up High Power Over 90%	Run-up Part Power 60% to 90%	Run-up Low Power Less than 60%	Total	Complaints
ATN - AIR TRANSPORT INTL.	0	0	5	5	0
QXE - HORIZON AIRLINES, INC.	0	0	1	1	0
SWA - SOUTHWEST AIRLINES	1	0	0	1	0
Totals	1	0	6	7	0

Complaints - December 2010

Event Date Time	Call Date Time	Event	Resolution
12/05/2010 00:04	12/05/2010 00:11	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 12/10.
12/08/2010 06:30	12/08/2011 10:09	Ms. H from San Jose reported aircraft noise over her area. Ms. H did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/10.
12/09/2010 19:00	12/09/2010 19:36	Ms. H from Sunnyvale reported aircraft noise over her area. Ms. H did request contact.	Departure by commercial aircraft. Noise office contacted Ms. H on 12/09. Frequent caller postcard sent on 12/10.
12/10/2010 02:30	12/10/2010 12:08	Mr. S from North Santa Clara 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 12/10.
12/10/2010 03:15	12/10/2010 12:09	Mr. S from North Santa Clara 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 12/10.
12/10/2010 04:10	12/10/2011 06:28	Ms. S from 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 12/10.
12/10/2010 04:20	12/10/2010 07:43	Ms. E from the Civic Center area reported aircraft noise over her area. Ms. E did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 12/10.
12/10/2010 19:31	12/10/2011 22:31	Ms. S from Civic Center area reported aircraft noise over her area. Ms. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/10.
12/14/2010 05:50	12/14/2010 07:43	Mr. T from the Shasta/Hanchett area reported aircraft noise over his area. Mr. T did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 12/17.
12/15/2010 23:24	12/15/2010 23:25	Ms. D from San Jose reported aircraft noise over her area. Ms. D did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 12/17.
12/20/2010 00:10	12/20/2010 10:35	Ms. S from the Civic Center area reported aircraft noise over her area. Ms. S did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 12/24.
12/20/2010 22:30	12/20/2010 21:44	Mr. D from South San Jose reported aircraft over his area. Mr. D did request contact.	Arrival by commercial aircraft. Noise office contacted Mr. D on 12/21. Frequent caller postcard sent on 12/21.
12/20/2010 23:30	12/20/2010 09:40	Mr. D from Los Gatos reported aircraft noise over his area. Mr. D did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 12/24.
12/23/2010 22:14	12/23/2010 23:05	Mr. M from Campbell reported aircraft noise over his area. Mr. M did not request contact.	Overflight by medical helicopter. Frequent caller postcard sent on 12/24.
12/27/2010 04:35	12/27/2010 06:18	Mr. S from the Shasta/Hanchett area 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 12/31.
12/27/2010 12:48	12/27/2010 14:48	Mr. P from Los Gatos reported aircraft noise over his area. Mr. P did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 1/7.
12/30/2010 06:33	12/30/2010 06:35	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 1/7.
12/31/2010 06:34	12/31/2010 06:36	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 1/7.