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# CITY OF SAN JOSE CAPITAL OF SILICON VALLEY

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#### TO: HONORABLE MAYOR AND CITY COUNCIL

#### SUBJECT: MONTHLY NOISE REPORT FOR AUGUST 2010

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

**DATE:** September 29, 2010

Approved	Date 10/1/10	

#### **INFORMATION**

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

/s/ Kimberly B. Aguirre for WILLIAM F. SHERRY, A.A.E. Director of Aviation

Attachment



# Monthly Noise Report August 2010



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# Analysis of August 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 August 2010 was 100% Stage 3.

#### **Noise Complaints**

**The Noise Complaint Summary - August 2010** shows no change in the total number of complaints from **34** in July 2010 to **34** in August 2010 (no change in number of complaints). There was a total of **16** complainants, with one complainant accounting for **6** complaints, and another for **5** complaints.

## Monthly Curfew Intrusions Report

August 2010 resulted in 27 curfew intrusions, a decrease of 20 from July 2010. 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 August 2010 Noise Data (continued)

#### **General Aviation**

Complaints associated with General Aviation operations changed from **9** in July 2010 to **5** in August 2010. 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 August 2010. This compares with **2** in July 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 - August 2010

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

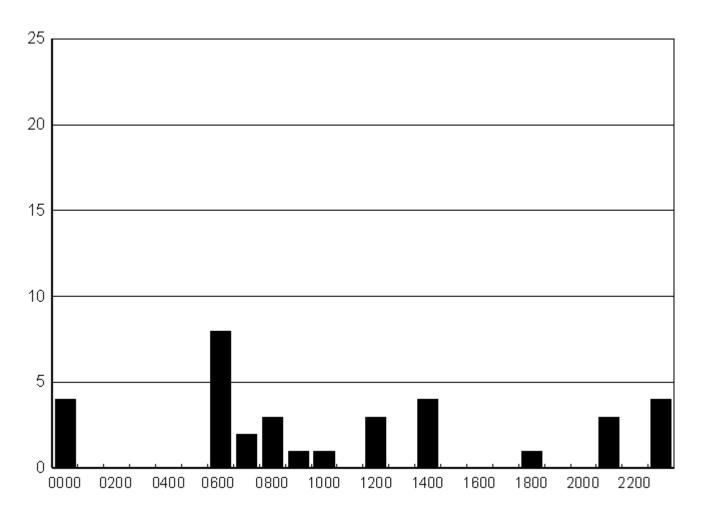
Noise Complaint	S	Mar 2010	Apr 2010	May 2010	Jun 2010	Jul 2010	Aug 2010
Commercial	Intrusion Related	3	3	4	17	11	4
	Loud	19	29	26	21	14	25
	Frequency	0	1	0	0	0	0
	Overflight	0	0	1	0	0	0
	Other	0	0	0	23	0	0
	Total	22	33	31	61	25	29
General	Intrusion Related	0	0	0	0	0	0
Aviation	Fixed Wing	11	11	13	8	7	4
	Helicopter	1	1	0	1	2	0
	Police Helicopter	0	0	0	0	0	0
	Total	12	12	13	9	9	4
Monthly Noise C	omplaints	35	45	45	70	34	34

Complaints by A	Mar 2010	Apr 2010	May 2010	Jun 2010	Jul 2010	Aug 2010	
City of	SJSH - Shasta/Hanchett	4	4	4	6	7	2
San Jose	SJRG - Rose Garden	2	6	3	12	1	2
	SJCC - Civic Center	3	4	1	3	0	4
	SJHP - Hensley Park	3	1	0	3	0	0
	SJWG - Willow Glen	3	4	5	8	4	11
	SJO - Other	9	7	11	18	13	2
	Total	24	26	24	50	25	21
City of	SCNA - North Areas	8	16	14	15	9	6
Santa Clara	SCO - Other	1	0	0	0	0	0
	Total	9	16	14	15	9	6
Other	Other Areas	2	3	7	5	0	7
(Includes Unknown)	Total	2	3	7	5	0	7
Monthly Noise Complaints		35	45	45	70	34	34

No. of Citizens Filing Complaints	24	28	23	46	19	16
Average Complaints per Day	1.1	1.5	1.5	2.3	1.1	1.1

## Noise Complaints by Time of Day

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

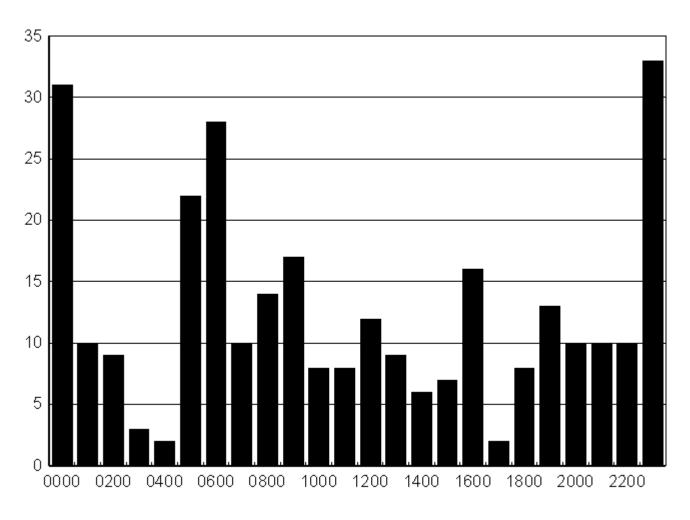


Time of Day

**34 Total Complaints** 

## Noise Complaints by Time of Day - YTD

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

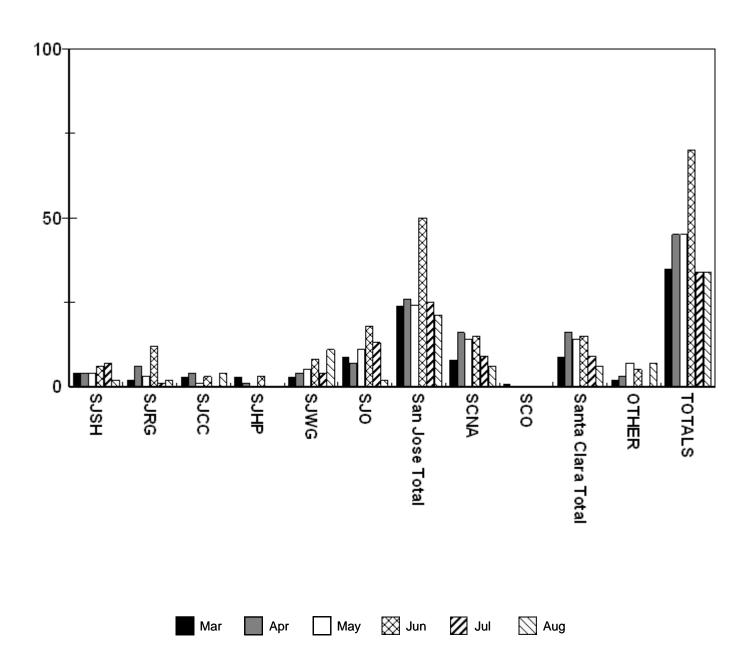


Time of Day

**298 Total Complaints** 

## **Noise Complaints - City Areas**





## Monthly Curfew Intrusion Report - August 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
08/02/10	00:25	DAL	DAL8963	A30L	B753	MILITARY	0
08/02/10	00:32	UAL	UAL467	A30L	B752	MECHANICAL	0
08/02/10	01:49	DAL	DAL8826	D30R	B753	MILITARY	0
08/05/10	00:25	JBU	JBU174	D30R	A320	MECHANICAL	0
08/05/10	01:02	DAL	DAL1797	A30L	A320	MECHANICAL	0
08/05/10	01:33	SWA	SWA1098	A30R	B737	MECHANICAL	0
08/05/10	02:17	DAL	DAL1684	D30R	A320	MECHANICAL	0
08/05/10	23:53	DAL	DAL1684	D30R	A320	MECHANICAL	0
08/06/10	01:17	UAL	UAL467	A30L	B752	WEATHER	0
08/06/10	23:58	UAL	UAL467	A30R	B752	WEATHER	0
08/07/10	00:17	AAL	AAL1035	A30L	MD83	WEATHER	0
08/10/10	00:27	JBU	JBU472	D30R	A320	MECHANICAL	0
08/11/10	00:48	UAL	UAL467	A30L	B752	WEATHER	0
08/12/10	00:50	DAL	DAL1684	D30R	A320	MECHANICAL	0
08/13/10	05:18	SCX	SCX8953	D30R	B738	CURFEW	0
08/14/10	00:10	DAL	DAL1684	D30R	A320	WEATHER	0
08/17/10	00:31	JBU	JBU174	D30R	A320	WEATHER	0
08/17/10	23:34	USA	AWE285	A30R	A319	WEATHER	0
08/17/10	23:35	AAL	AAL1035	A30R	MD82	MECHANICAL	0
08/22/10	23:30	JBU	JBU173	A30R	A320	ATC	0
08/23/10	00:03	DAL	DAL1684	D30R	A320	MECHANICAL	0
08/23/10	00:38	JBU	JBU174	D30R	A320	WEATHER	0
08/24/10	01:14	SWA	SWA254	A30L	B737	ATC	0
08/24/10	23:30	DAL	DAL1797	A30L	A320	MECHANICAL	0
08/25/10	00:44	DAL	DAL1684	D30R	A320	MECHANICAL	0
08/28/10	00:05	DAL	DAL1684	D30R	A320	MECHANICAL	0
08/31/10	01:52	DAL	DAL1797	A30R	A320	MECHANICAL	0

Total Intrusions = 27

Total Complaints = 0

## Monthly Curfew Intrusion Report - August 2010 (continued)

## <u>KEY</u>

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

#### INTRUSIONS IN COMPLIANCE WITH ANCP

ATC Related Operations	Total:	2
Mechanical Related Operations	Total:	14
Weather Related Operations	Total:	8
Lifeflight/Medical Emergency Related Operations	Total:	0
	Total:	2
Government/Military/Emergency Related Operations Other	Total:	0

#### INTRUSIONS IN NON-COMPLIANCE WITH ANCP

CURFEW: Sun Country Airlines (Mendota Heights, Mn) Flight SCX8953, (B738)

Non-Compliant Operations

Total:

1

# Curfew (Turbojet) Report Summary - August 2010

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

Airline	Arrivals	Departures	Total	Complaints
AAL - AMERICAN AIRLINES	2	0	2	0
DAL - DELTA AIR LINES, INC.	4	8	12	0
JBU - JETBLUE AIRWAYS	1	4	5	0
SCX - SUN COUNTRY AIRLINES	0	1	1	0
SWA - SOUTHWEST AIRLINES	2	0	2	0
UAL - UNITED AIRLINES	4	0	4	0
Commercial Totals	13	13	26	0
Business Jets Stage 2	0	0	0	0
Transport Jets Stage 3	0	0	0	0
Business/Transport Jet Totals	0	0	0	0
Turbojet Totals	13	13	26	0

#### **Aircraft Curfew Intrusions**

Total Operations: 11,293

## **Curfew Operations VS Total Operations - August 2010**

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

		Curfew Operations		Total Operations*	Curfew as % of Total Operations		
Airline	Compliant	Non Compliant	Total		Compliant	Non Compliant	Total
AMERICAN AIRLINES	2	0	2	483	0.41	0.00	0.41
DELTA AIR LINES, INC.	12	0	12	253	4.74	0.00	4.74
JETBLUE AIRWAYS	5	0	5	124	4.03	0.00	4.03
SUN COUNTRY AIRLINES	0	1	1	6	0.00	16.67	16.67
SOUTHWEST AIRLINES	2	0	2	3993	0.05	0.00	0.05
UNITED AIRLINES	4	0	4	232	1.72	0.00	1.72
Totals	25	1	26	5091	0.49	0.02	0.51

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

## Curfew (Turbojet) Report Summary - August 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	5	1	6	0
0000 - 0029	2	5	7	0
0030 - 0059	2	4	6	0
0100 - 0129	3	0	3	0
0130 - 0159	2	1	3	0
0200 - 0229	0	1	1	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	1	1	0
0530 - 0559	0	0	0	0
0600 - 0629	0	0	0	0
0630 - 0659	0	0	0	0
TOTALS	14	13	27	0

# Monthly Airline Run-up Report - August 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 August, 2010

## Monthly Airline Run-up Summary - August 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
	-	-	-	-	-
Totals	-	-	-	-	-

\*No airline run-ups during August, 2010

# Complaints - August 2010

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

Event Date Time	Call Date Time	Event	Resolution
08/01/2010 14:25	08/01/2010 14:40	Mr. M from Willow Glen reported aircraft noise over his area. Mr. M did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/6.
08/01/2010 14:35	08/01/2010 14:40	Mr. M from Willow Glen reported aircraft noise over his area. Mr. M did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/6.
08/03/2010 23:25	08/03/2010 00:29	Ms. N from San Jose reported aircraft noise over his area. Ms. N did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/6.
08/03/2010 23:30	08/03/2010 00:29	Ms. N from San Jose reported aircraft noise over her area. Ms. N did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 8/6.
08/04/2010 12:00	08/04/2010 14:22	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 8/6.
08/04/2010 23:30	08/04/2010 23:40	Mr. M from Willow Glen reported aircraft noise over his area. Mr. M did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/6.
08/07/2010 07:30	08/07/2010 10:16	Mr. W from Sunnyvale reported aircraft noise over his area. Mr. W did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/13.
08/07/2010 09:30	08/07/2010 10:16	Mr. W from Sunnyvale reported aircraft noise over his area. Mr. W did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/13.
08/07/2010 18:15	08/07/2010 18:40	Ms. E from the Civic Center area reported aircraft noise over her area. Ms. E did request contact.	Compliant departure by commercial aircraft. Noise Staff contacted Ms. E on 8/7. Frequent caller postcard sent on 8/13.
08/08/2010 12:11	08/08/2010 12:20	Mr. Z from the Shasta/Hanchett area reported aircraft noise over his area. Mr. Z did request contact.	Departure by commercial aircraft. Noise Staff contacted Mr. Z on 8/8. Frequent caller postcard sent on 8/13.
08/09/2010 06:00	08/09/2010 06:15	Mr. G from the Civic Center area reported aircraft noise over his area. Mr. G did not request contact.	Compliant arrival by a stage 3 business jet. Frequent caller postcard sent on 8/13.
08/09/2010 06:01	08/09/2010 08:06	Mr. L from the Rose Garden reported aircraft noise over his area. Mr. L did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 8/13.
08/09/2010 06:10	08/09/2010 21:14	Ms. H from the Rose Garden area reported aircraft noise over her area. Ms. H did request contact.	Compliant arrival by a Stage 3 business jet. Noise Staff contacted Ms. H on 8/9. Frequent caller postcard sent on 8/13.
08/10/2010 00:12	08/10/2010 00:30	Mr. M from North Santa Clara reported aircraft noise over his area. Mr. M did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 8/13.
08/10/2010 14:04	08/10/2010 14:12	Mr. M from Willow Glen reported aircraft noise over his area. Mr. M did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/13.
08/11/2010 06:08	08/11/2010 06:17	Mr. G from the Civic Center area reported aircraft noise over his area. Mr. G did not request contact.	Compliant arrival by a Stage 3 business jet. Frequent caller postcard sent on 8/13.
08/11/2010 06:30	08/11/2010 06:44	Ms. E from the Civic Center area reported aircraft noise over her area. Ms. E did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/13.
08/11/2010 06:30	08/11/2010 08:19	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 8/13.

# Complaints - August 2010

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

Event Date Time	Call Date Time	Event	Resolution
08/12/2010 07:33	08/12/2010 12:34	Mr. P from Los Gatos reported aircraft noise over his residence. Mr. P did not request a callback.	Departure by commercial aircraft. Frequent caller postcard sent on 8/13.
08/13/2010 10:20	08/13/2010 13:00	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 8/20.
08/14/2010 08:26	08/14/2010 10:00	Mr. W from Sunnyvale reported aircraft noise over his area. Mr. W did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/20.
08/15/2010 09:00	08/15/2010 16:01	Mr. W from Sunnyvale reported aircraft noise over his area. Mr. W did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/20.
08/15/2010 23:24	08/15/2010 23:30	Mr. W from Sunnyvale reported aircraft noise over his area. Mr. W did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 8/20.
08/17/2010 00:29	08/17/2010 19:46	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 8/20.
08/21/2010 06:30	08/21/2010 09:38	Ms. O from Willow Glen reported aircraft noise over her area. Ms. O did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 8/27.
08/22/2010 12:19	08/22/2010 12:33	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 8/27.
08/23/2010 00:01	08/23/2010 12:42	Mr. S from North Santa Clara reported aircraft noise over his area. Mr. S did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 8/27.
08/23/2010 21:30	08/23/2010 21:56	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 8/27.
08/23/2010 21:35	08/23/2010 21:56	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 8/27.
08/24/2010 06:56	08/24/2010 07:03	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 8/27.
08/25/2010 08:25	08/25/2010 08:29	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 8/27.
08/25/2010 08:30	08/25/2010 08:52	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 8/27.
08/28/2010 00:05	08/28/2010 15:56	Mr. G from North Santa Clara reported aircraft noise over his area. Mr. G did not request contact.	Curfew investigation revealed a compliant arrival by a commercial aircraft. Frequent caller postcard sent on 9/1.
08/29/2010 14:00	08/29/2010 14:35	Mr. W from Sunnyvale reported aircraft noise over his area. Mr. W did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 9/1.