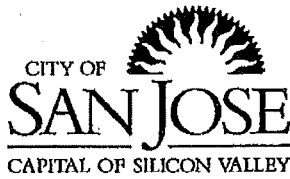


Distributed on:

MAY 25 2010

by City Manager's Office



Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

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

SUBJECT: MONTHLY NOISE
REPORT FOR
April 2010

DATE: May 21, 2010

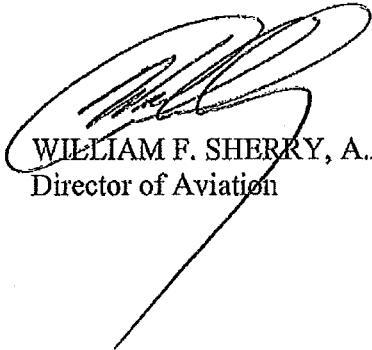
Approved

Date

5/24/10

INFORMATION

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



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

Attachments



Monthly Noise Report

April 2010



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

Noise Complaints

The Noise Complaint Summary - April 2010 shows an increase in the total number of complaints from **35** in March 2010 to **45** in April 2010 (an increase of **10**). There was a total of **28** complainants, with one complainant accounting for **13** complaints, and another for **3** complaints.

Monthly Curfew Intrusions Report

April 2010 resulted in **21** curfew intrusions, a decrease of **7** from March 2010. There were **4** complaints associated with the curfew intrusions. There were **2** operations "**In Non-Compliance**" with the Noise Control Program. A description can be found in the **Monthly Curfew Intrusions Report**.

Analysis of April 2010 Noise Data (continued)

General Aviation

Complaints associated with General Aviation operations remained constant with **12** in March 2010 and **12** in April 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 **2** airline run-ups during April 2010. This compares with **0** in March 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 - April 2010
Norman Y. Mineta San Jose International Airport
Aircraft Monitoring Center

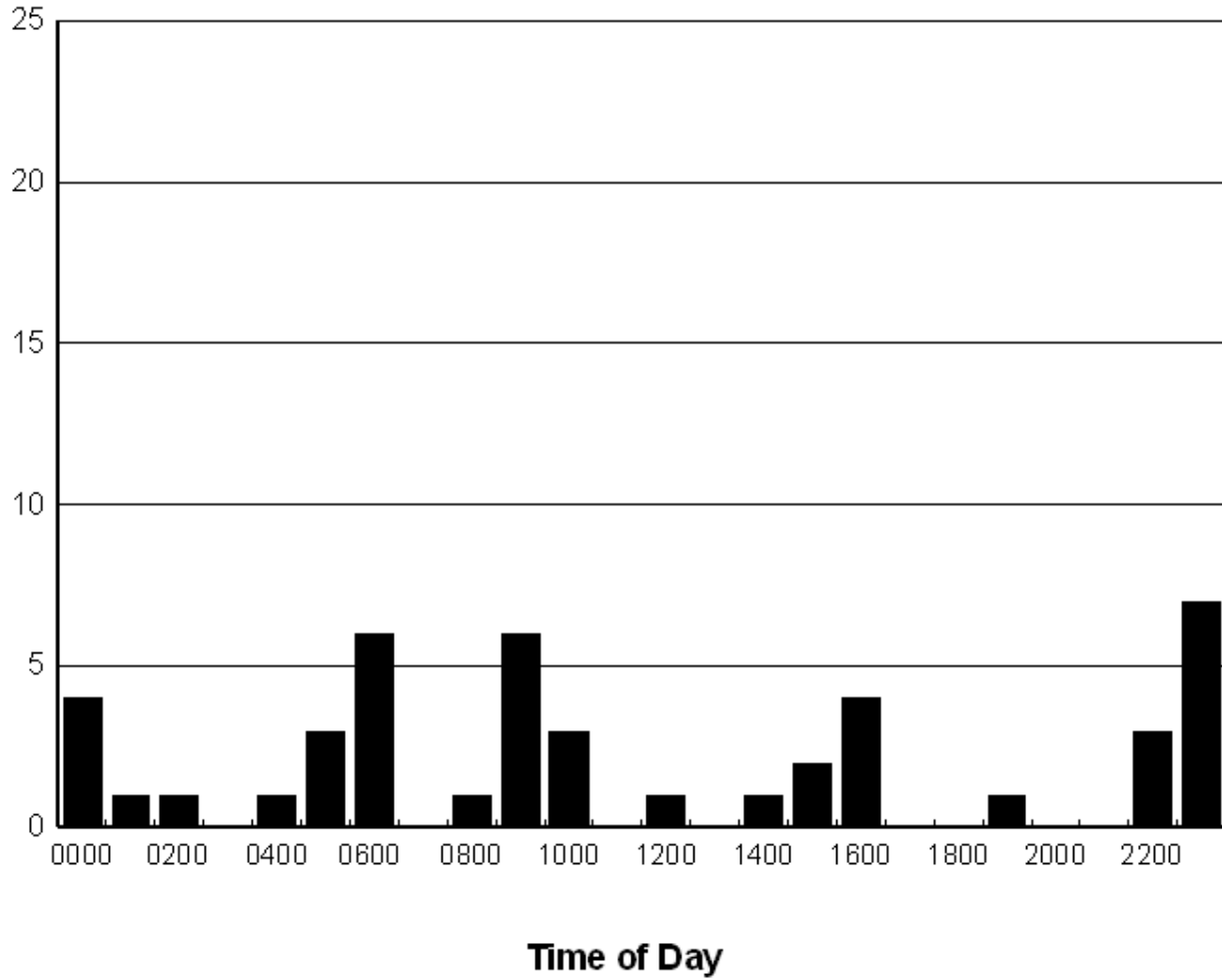
Noise Complaints		Nov 2009	Dec 2009	Jan 2010	Feb 2010	Mar 2010	Apr 2010
Commercial	Intrusion Related	0	1	2	1	3	3
	Loud	25	19	9	13	19	29
	Frequency	0	0	0	0	0	1
	Overflight	0	0	0	0	0	0
	Other	0	0	0	0	0	0
	Total	25	20	11	14	22	33
General Aviation	Intrusion Related	0	0	0	0	0	0
	Fixed Wing	9	7	7	3	11	11
	Helicopter	0	0	0	0	1	1
	Police Helicopter	1	0	0	0	0	0
	Total	10	7	7	3	12	12
Monthly Noise Complaints		35	27	18	17	35	45

Complaints by Area		Nov 2009	Dec 2009	Jan 2010	Feb 2010	Mar 2010	Apr 2010
City of San Jose	SJSH - Shasta/Hanchett	1	0	2	2	4	4
	SJRG - Rose Garden	0	1	1	1	2	6
	SJCC - Civic Center	3	5	5	0	3	4
	SJHP - Hensley Park	1	0	1	0	3	1
	SJWG - Willow Glen	4	5	2	2	3	4
	SJO - Other	5	2	1	5	9	7
	Total	14	13	12	10	24	26
City of Santa Clara	SCNA - North Areas	20	11	3	3	8	16
	SCO - Other	0	0	0	0	1	0
	Total	20	11	3	3	9	16
Other (Includes Unknown)	Other Areas	1	3	3	4	2	3
	Total	1	3	3	4	2	3
Monthly Noise Complaints		35	27	18	17	35	45

No. of Citizens Filing Complaints	18	14	13	9	24	28
Average Complaints per Day	1.2	0.9	0.6	0.6	1.1	1.5

Noise Complaints by Time of Day

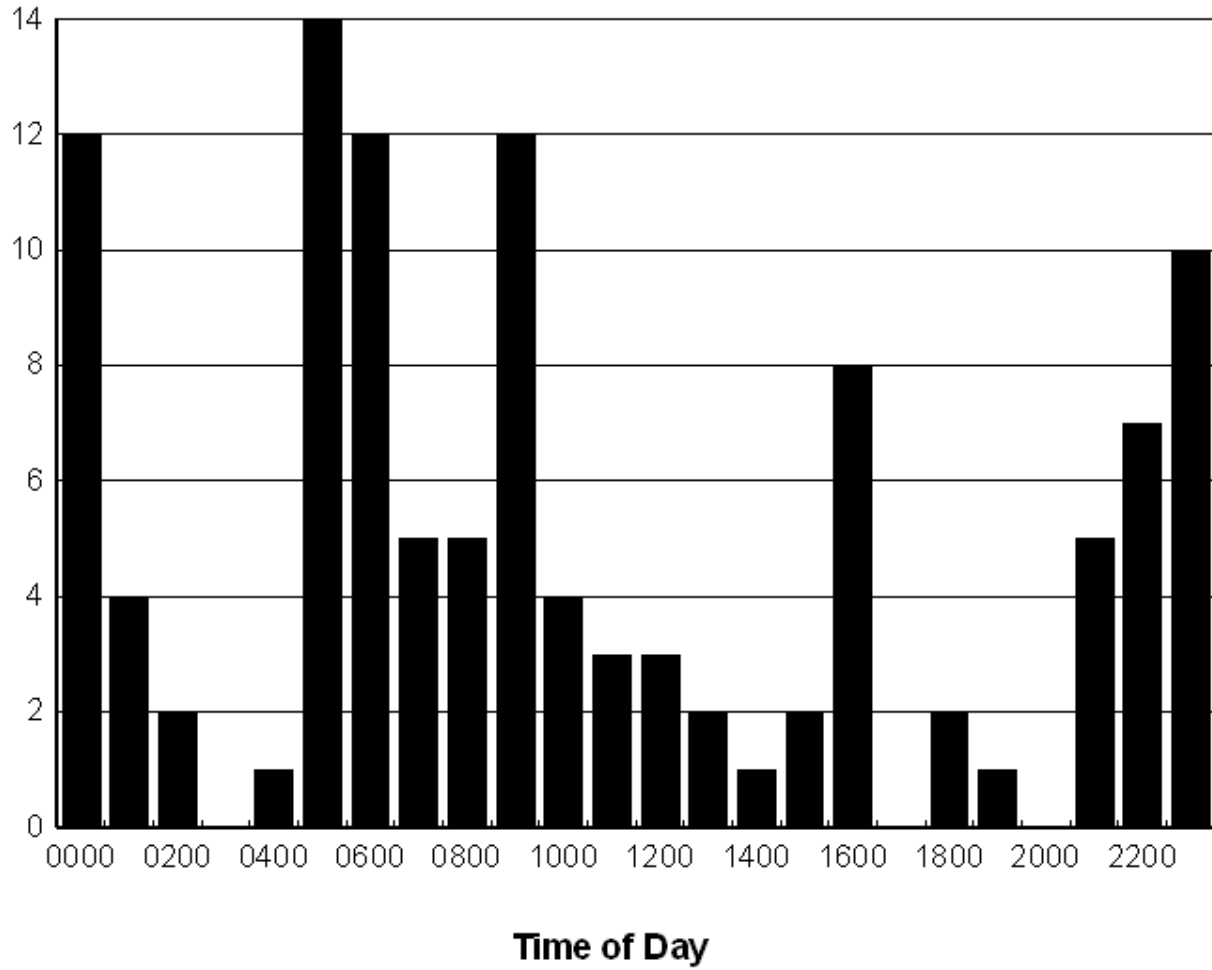
Norman Y. Mineta San Jose International Airport
Number of Complaints - April 2010



45 Total Complaints

Noise Complaints by Time of Day - YTD

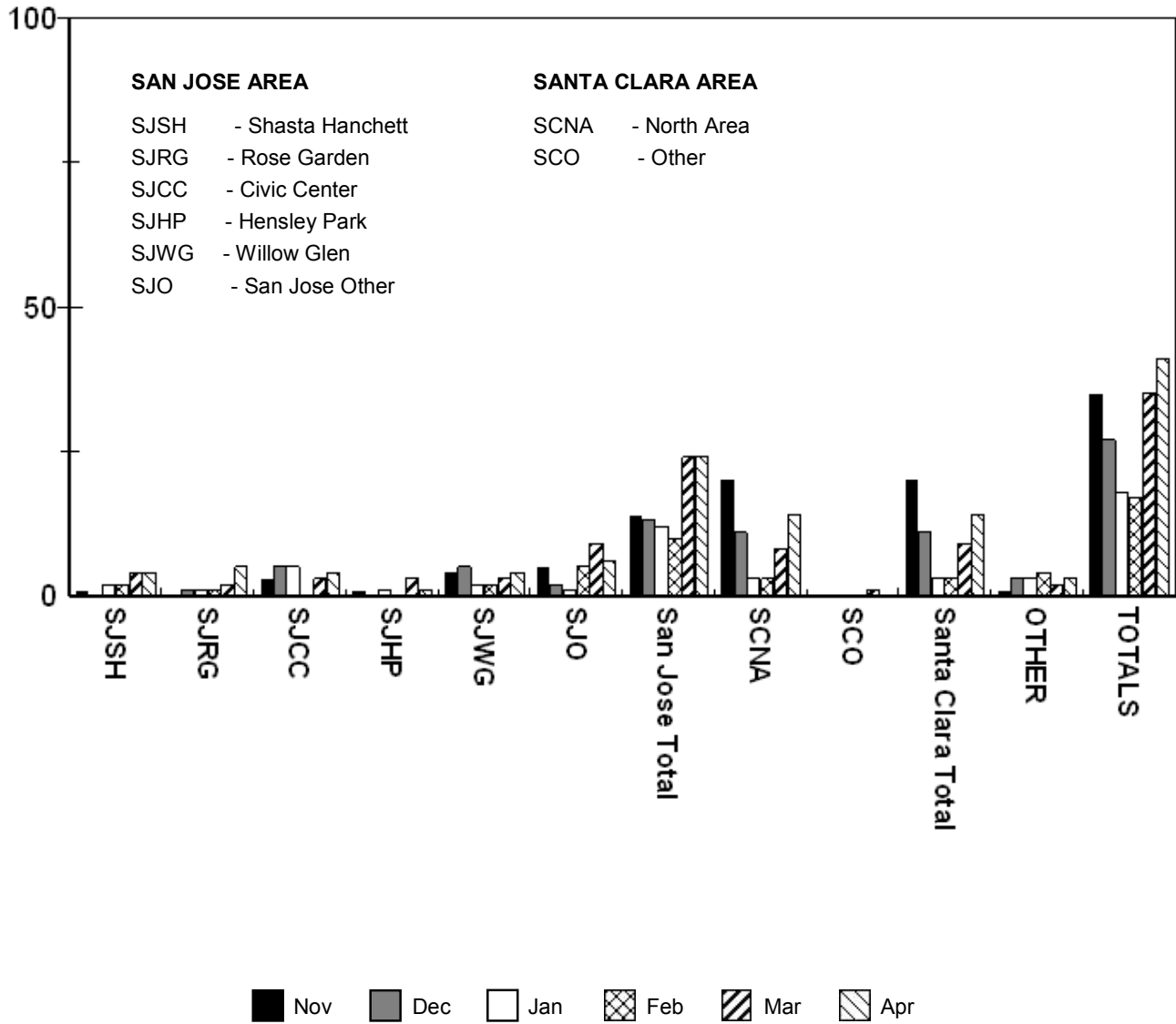
Norman Y. Mineta San Jose International Airport
Number of Complaints - YTD through April 2010



115 Total Complaints

Noise Complaints - City Areas

Norman Y. Mineta San Jose International Airport - SJC
Complaints - November 2009 through April 2010



Monthly Curfew Intrusion Report - April 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
04/03/10	05:23	BTJ2	N81AX	D12R	LJ25	LIFEFLIGHT	1
04/04/10	23:40	JBU	JBU174	D12L	A320	WEATHER	0
04/05/10	23:55	SWA	SWA632	D30R	B737	MECHANICAL	1
04/07/10	00:50	TRNSP3	724YS	A30L	B727	OTHER	1
04/07/10	23:50	COA	COA489	A30R	B738	ATC	0
04/11/10	23:33	DAL	DAL1684	D12L	B752	WEATHER	0
04/11/10	23:47	SWA	SWA168	A12R	B737	MECHANICAL	0
04/16/10	23:53	SWQ	SWQ737	D30R	B734	CURFEW	0
04/17/10	23:37	COA	COA489	A30L	B737	WEATHER	0
04/18/10	23:37	COA	COA489	A30L	B738	WEATHER	0
04/20/10	02:15	AAL	AAL1035	A12R	MD83	MECHANICAL	0
04/21/10	01:57	TRNSP3	724YS	A30L	B727	OTHER	0
04/22/10	23:52	DAL	DAL1684	D30R	B738	MECHANICAL	0
04/23/10	23:41	TRNSP3	N2TS	A30L	B737	WEATHER	0
04/23/10	23:49	SWA	SWA3567	D30R	B737	MECHANICAL	0
04/25/10	01:41	TRNSP3	724YS	A30L	B727	OTHER	0
04/28/10	00:18	TRNSP3	N682RW	A30L	DC95	CURFEW	0
04/28/10	23:56	SWA	SWA1003	A30L	B737	WEATHER	0
04/29/10	00:10	SWA	SWA765	A30L	B737	WEATHER	0
04/29/10	00:13	JBU	JBU174	D30R	A320	WEATHER	1
04/30/10	00:40	JBU	JBU174	D30L	A320	WEATHER	0

Total Intrusions = 21

Total Complaints = 4

Monthly Curfew Intrusion Report - April 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:	1
Mechanical Related Operations	Total:	5
Weather Related Operations	Total:	9
Lifeflight/Medical Emergency Related Operations	Total:	1
Government/Military/Emergency Related Operations	Total:	0
Other	Total:	3

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

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

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

INTRUSIONS IN NON-COMPLIANCE WITH ANCP

CURFEW: Swift Air Flight SWQ737, (B734) Colorado Avalanche Charter Late Departure-Citation Issued

CURFEW: Flight N682RW, (DC95) Detroit Red Wings Charter Late Arrival-Citation Issued

Non-Compliant Operations Total: 2

Curfew (Turbojet) Report Summary - April 2010

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

Aircraft Curfew Intrusions

Airline	Arrivals	Departures	Total	Complaints
AAL - AMERICAN AIRLINES	1	0	1	0
COA - CONTINENTAL AIRLINES	3	0	3	0
DAL - DELTA AIR LINES, INC.	0	2	2	0
JBU - JETBLUE AIRWAYS	0	3	3	1
SWA - SOUTHWEST AIRLINES	3	2	5	1
SWQ - SWIFT AIR	0	1	1	0
Commercial Totals	7	8	15	2
Business Jets Stage 2	0	1	1	1
Transport Jets Stage 3	5	0	5	1
Business/Transport Jet Totals	5	1	6	2
Turbojet Totals	12	9	21	4

Total Operations: 11,506

Curfew Operations VS Total Operations - April 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	1	0	1	466	0.21	0.00	0.21
CONTINENTAL AIRLINES	3	0	3	124	2.42	0.00	2.42
DELTA AIR LINES, INC.	2	0	2	174	1.15	0.00	1.15
SWIFT AIR	0	1	1	8	0.00	12.50	12.50
JETBLUE AIRWAYS	3	0	3	61	4.92	0.00	4.92
SOUTHWEST AIRLINES	5	0	5	4077	0.12	0.00	0.12
Totals	14	1	15	4910	0.29	0.02	0.31

*Does not include Cargo or non-scheduled operations.

Curfew (Turbojet) Report Summary - April 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	6	6	12	1
0000 - 0029	2	1	3	1
0030 - 0059	1	1	2	1
0100 - 0129	0	0	0	0
0130 - 0159	2	0	2	0
0200 - 0229	1	0	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	1
0530 - 0559	0	0	0	0
0600 - 0629	0	0	0	0
0630 - 0659	0	0	0	0
TOTALS	12	9	21	4

Monthly Airline Run-up Report - April 2010

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

Date	Time	Carrier	Runway	Aircraft	Run-up Type	Complaints
04/13/10	03:40	ASA		B737-8	LOW POWER	0
04/22/10	06:20	SWA		737-5	LOW POWER	0

Monthly Airline Run-up Summary - April 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
ASA - ALASKA AIRLINES	0	0	1	1	0
SWA - SOUTHWEST AIRLINES	0	0	1	1	0
Totals	0	0	2	2	0

Complaints - April 2010

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

Event Date Time	Call Date Time	Event	Resolution
04/01/2010 06:15	04/01/2010 08:00	Ms. H from the Rose Garden area reported aircraft noise over her area. Ms. H did request contact.	Compliant departure by a Stage 3 business jet. Noise Staff contacted Ms. H on 4/1. Frequent caller postcard sent on 4/2.
04/01/2010 06:18	04/01/2010 06:18	Mr. C from the Rose Garden area reported aircraft noise over his area. Mr. C did request contact.	Compliant departure by a Stage 3 business jet. Noise Staff contacted Mr. C on 4/1. Frequent caller postcard sent on 4/2.
04/01/2010 09:59	04/01/2010 10:16	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 4/2.
04/01/2010 10:01	04/01/2010 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 4/2.
04/01/2010 16:10	04/01/2010 16:13	Ms. C from Willow Glen reported aircraft noise over his area. Ms. C did request contact.	Departure by commercial aircraft. Noise Staff contacted Ms. C on 4/2. Frequent caller postcard sent on 4/2.
04/01/2010 23:32	04/01/2010 23:45	Mr. W from the Shata/Hanchett area reported aircraft noise over his area. Mr. W did not request contact.	Overflight by Santa Clara County law enforcement helicopter. Frequent caller postcard sent on 4/2.
04/03/2010 05:20	04/03/2010 05:25	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 4/2.
04/03/2010 06:05	04/03/2010 06:24	Ms. R from the Rose Garden area reported aircraft noise over his area. Mr. R did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 4/9.
04/03/2010 10:27	04/03/2010 14:46	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 4/9.
04/03/2010 12:54	05/03/2010 14:36	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 4/9.
04/03/2010 19:38	04/03/2010 23:26	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 4/9.
04/04/2010 00:27	04/04/2010 07:42	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 4/9.
04/05/2010 10:26	04/05/2010 10:45	Mr. W from North Santa Clara reported aircraft noise over his area. Mr. W did request contact.	Departure by commercial aircraft. Noise Staff contacted Mr. W on 4/5. Frequent caller postcard sent on 4/9.
04/05/2010 23:05	04/05/2010 23:06	Mr. S from the Shast/Hanchett area reported aircraft noise over his area. Mr. S did request contact.	Departure by commercial aircraft. Noise Staff contacted Mr. S on 4/5. Frequent caller postcard sent on 4/9.
04/05/2010 23:53	04/06/2010 06:24	Ms. S from the Civic Center area reported aircraft noise over her area. Ms. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/9.
04/06/2010 15:50	04/06/2010 16:36	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 4/9.
04/06/2010 15:53	04/06/2010 16:37	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 4/9.

Complaints - April 2010

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

Event Date Time	Call Date Time	Event	Resolution
04/07/2010 00:50	04/07/2010 00:52	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 4/9.
04/07/2010 06:00	04/07/2010 06:02	Ms. D from the Rose Garden area reported aircraft noise over her area. Ms. D did not request contact.	Compliant departure by commercial aircraft. Frequent caller postcard sent on 4/9.
04/09/2010 06:10	04/09/2010 06:20	Ms. G from Milpitas reported aircraft noise over her area. Ms. G did request contact.	Compliant departure by a Stage 3 business jet. Noise Staff contacted Ms. G on 4/9. Frequent caller postcard sent on 4/9.
04/09/2010 22:25	04/09/2010 22:31	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 4/9.
04/09/2010 22:45	04/09/2010 22:38	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 4/9.
04/10/2010 23:10	04/11/2010 12:41	Ms. G from the Shasta/Hanchett area reported aircraft noise over her area. Ms. G did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/16.
04/10/2010 23:10	04/11/2010 15:46	Mr. D from Willow Glen reported aircraft noise over his area. Mr. D did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 4/16.
04/10/2010 23:12	04/10/2010 23:12	Ms. C from Willow Glen reported aircraft noise over her area. Ms. C did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/16.
04/12/2010 06:12	04/12/2010 06:12	Mr. G from the Civic Center area reported aircraft noise over his area. Mr. G did not request contact.	Compliant departure by commercial aircraft. Frequent caller postcard sent on 4/16.
04/12/2010 09:21	04/12/2010 09:26	Mr. Z from the Shasta/Hanchett area reported aircraft noise over her area. Mr. Z did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 4/16.
04/12/2010 09:27	04/12/2010 09:54	Ms. D from the Rose Garden reported aircraft noise over her area. Ms. D did not request contact.	Departure by a Stage 3 business jet. Frequent caller postcard sent on 4/16.
04/13/2010 22:43	04/13/2010 22:44	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 4/16.
04/15/2010 08:30	04/15/2010 10:30	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 4/23.
04/17/2010 16:11	04/17/2010 16:22	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 4/23.
04/18/2010 14:20	04/18/2010 14:21	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 4/23.
04/21/2010 01:55	05/03/2010 13:43	Mr. N from San Jose reported aircraft noise over his area. Mr. N did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 5/7.
04/22/2010 16:27	04/22/2010 17:17	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 4/23.
04/23/2010 09:05	04/23/2010 10:34	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 on 4/23.
04/23/2010 16:28	04/23/2010 16:43	Mr. H from San Jose reported aircraft noise over his area. Mr. H did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 4/30.

Complaints - April 2010

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

Event Date Time	Call Date Time	Event	Resolution
04/26/2010 04:15	04/30/2010 09:22	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 4/30.
04/26/2010 05:50	04/26/2010 06:13	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 4/30.
04/26/2010 05:51	04/26/2010 15:38	Ms. K from the Hensley Park area reported aircraft noise over her area. Ms. K did not request contact.	Compliant departure by a Stage 3 business jet. Frequent caller postcard sent on 4/30.
04/28/2010 23:39	04/29/2010 15:45	Mr. N from San Jose reported aircraft noise over his area at 11:39 pm, and 11:54 pm. Mr. N did not request contact.	Curfew investigation revealed a compliant arrival by a commercial at 11:54pm, and 11:39pm. Frequent caller postcard sent on 4/30.
04/29/2010 00:14	04/29/2010 00:15	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 5/7.
04/30/2010 00:12	04/30/2010 09:24	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 5/7.
04/30/2010 02:53	04/30/2010 10:02	Mr. F from San Jose reported aircraft noise over his area. Mr. F did request contact.	Curfew investigation revealed a compliant arrival by a commercial aircraft. Noise Staff contacted Mr. F on 4/30. Frequent caller postcard sent on 5/7.
04/30/2010 09:18	04/30/2010 09:23	Mr. L from the Rose Garden area reported aircraft noise over his area. Mr. L did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 5/7.
04/30/2010 09:18	04/30/2010 09:23	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 5/7.