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City Manager's Office

Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

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

SUBJECT: MONTHLY NOISE
REPORT FOR
OCTOBER 2010

DATE: November 29, 2010

Approved

Date

12/2/10

INFORMATION

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

/s/

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

Attachments

NORMAN Y. MINETA
SAN JOSE
INTERNATIONAL
A I R P O R T



Monthly Noise Report October 2010



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

Noise Complaints

The Noise Complaint Summary - October 2010 shows an increase in the total number of complaints from **25** in September 2010 to **29** in October 2010 (an increase of **4**). There was a total of **18** complainants, with one complainant accounting for **4** complaints, and another for **3** complaints.

Monthly Curfew Intrusions Report

October 2010 resulted in **27** curfew intrusions, an increase of **2** from September 2010. There were **0** 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 October 2010 Noise Data (continued)

General Aviation

Complaints associated with General Aviation operations changed from **5** in September 2010 to **2** in October 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 **5** airline run-ups during October 2010. This compares with **4** in September 2010. There were **2** High Power Engine run-ups; **1** 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 - October 2010

Norman Y. Mineta San Jose International Airport Aircraft Monitoring Center

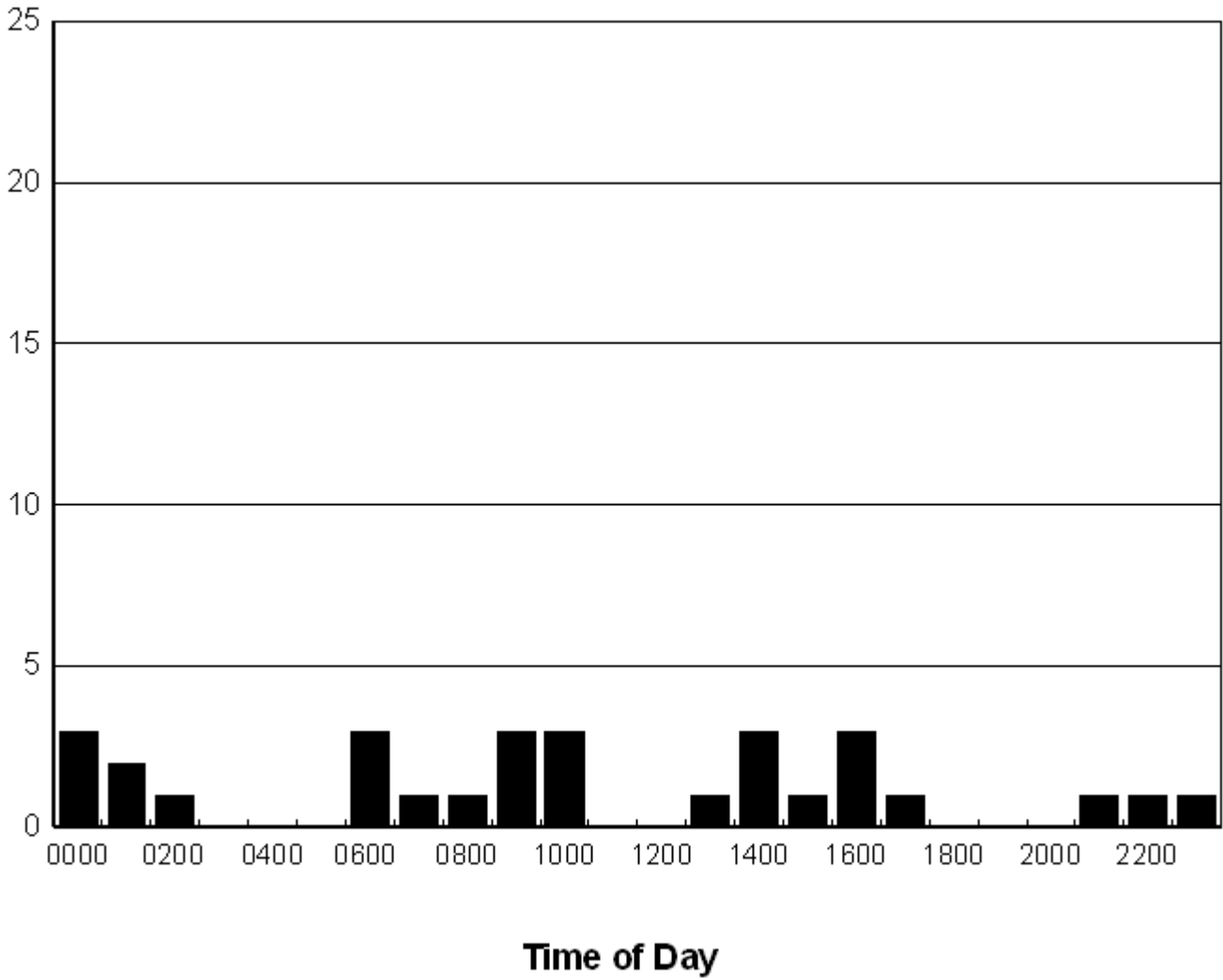
Noise Complaints		May 2010	Jun 2010	Jul 2010	Aug 2010	Sep 2010	Oct 2010
Commercial	Intrusion Related	4	17	11	4	5	6
	Loud	26	21	14	25	14	21
	Frequency	0	0	0	0	0	0
	Overflight	1	0	0	0	0	0
	Other	0	23	0	0	1	0
	Total	31	61	25	29	20	27
General Aviation	Intrusion Related	0	0	0	0	0	0
	Fixed Wing	13	8	7	4	3	0
	Helicopter	0	1	2	0	1	2
	Police Helicopter	0	0	0	0	1	0
	Total	13	9	9	4	5	2
Monthly Noise Complaints		45	70	34	34	25	29

Complaints by Area		May 2010	Jun 2010	Jul 2010	Aug 2010	Sep 2010	Oct 2010
City of San Jose	SJSH - Shasta/Hanchett	4	6	7	2	3	1
	SJRG - Rose Garden	3	12	1	2	1	2
	SJCC - Civic Center	1	3	0	4	1	6
	SJHP - Hensley Park	0	3	0	0	0	1
	SJWG - Willow Glen	5	8	4	11	4	1
	SJO - Other	11	18	13	2	3	3
	Total	24	50	25	21	12	14
City of Santa Clara	SCNA - North Areas	14	15	9	6	11	7
	SCO - Other	0	0	0	0	0	0
	Total	14	15	9	6	11	7
Other (Includes Unknown)	Other Areas	7	5	0	7	2	8
	Total	7	5	0	7	2	8
Monthly Noise Complaints		45	70	34	34	25	29

No. of Citizens Filing Complaints	23	46	19	16	17	18
Average Complaints per Day	1.5	2.3	1.1	1.1	0.8	.9

Noise Complaints by Time of Day

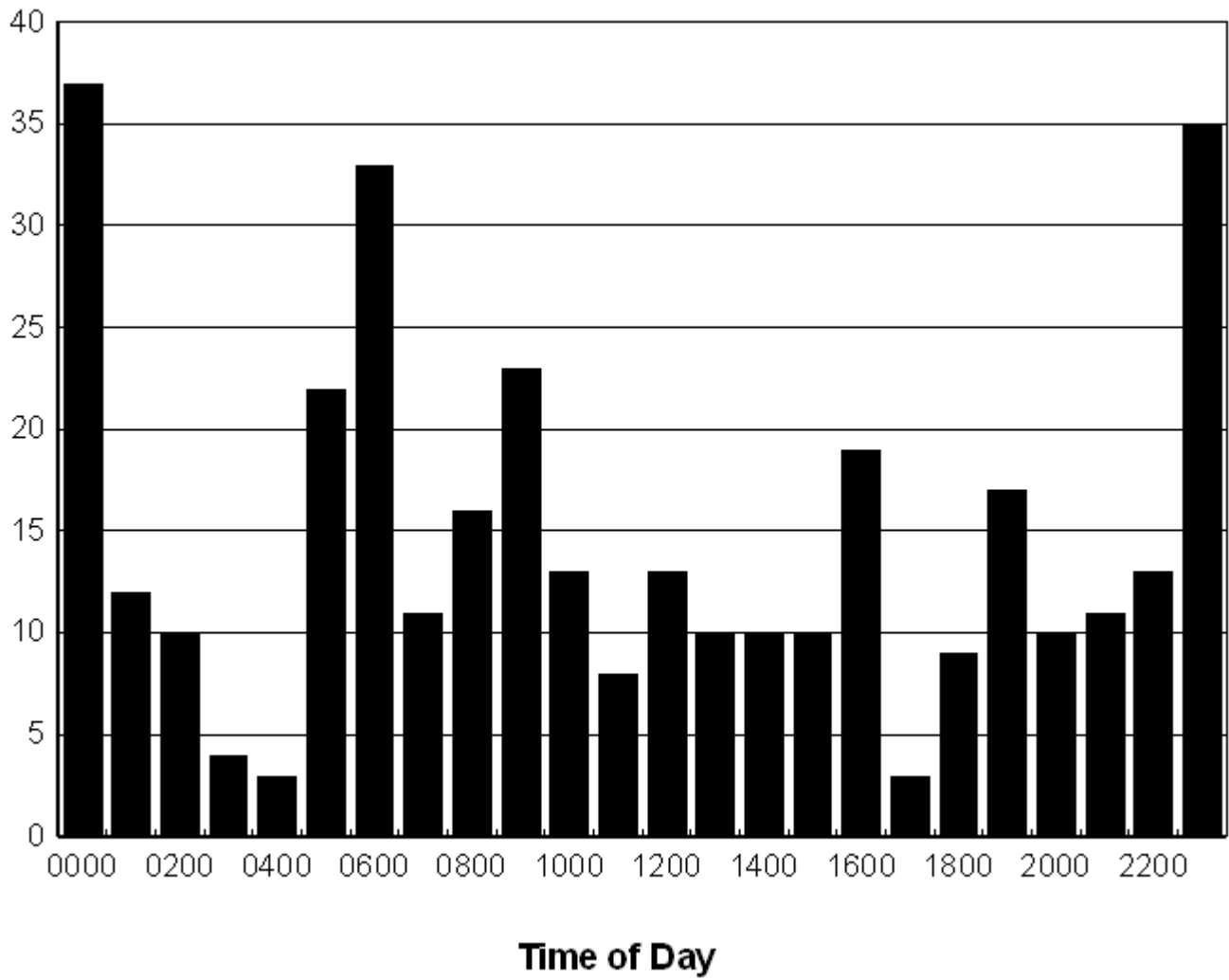
Norman Y. Mineta San Jose International Airport
Number of Complaints - October 2010



29 Total Complaints

Noise Complaints by Time of Day - YTD

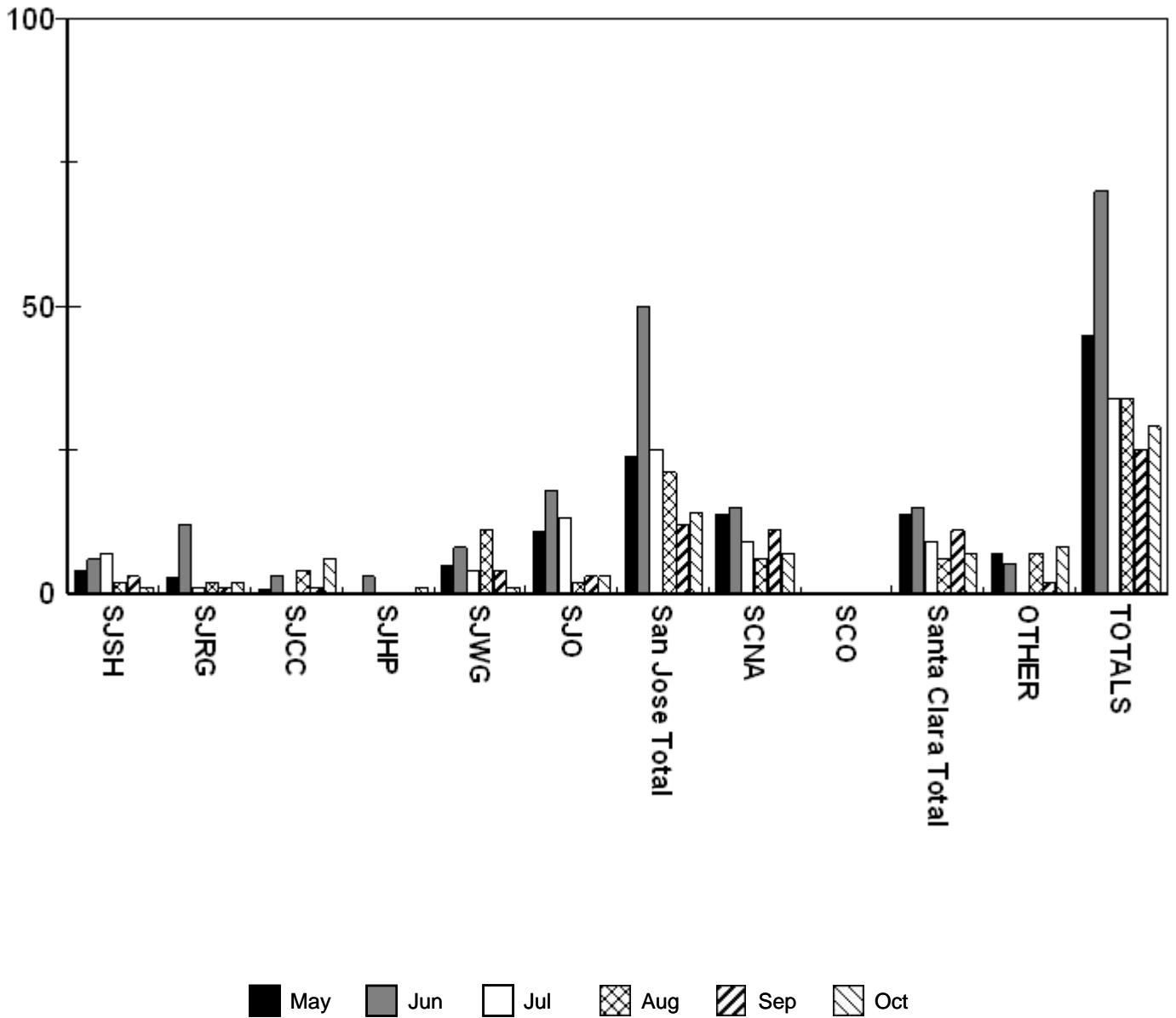
Norman Y. Mineta San Jose International Airport
Number of Complaints - YTD through October 2010



352 Total Complaints

Noise Complaints - City Areas

**Norman Y. Mineta San Jose International Airport - SJC
Complaints - May 2010 through October 2010**



Monthly Curfew Intrusion Report - October 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
10/02/10	00:26	JBU	JBU174	D30R	A320	MECHANICAL	0
10/04/10	23:40	SWA	SWA1497	A30L	B735	MECHANICAL	0
10/04/10	23:49	AAL	AAL1035	A30L	MD83	MECHANICAL	0
10/04/10	23:57	SWA	SWA2899	A30R	B733	MECHANICAL	0
10/05/10	00:27	SWA	SWA2986	D30R	B733	MECHANICAL	0
10/05/10	23:47	SWA	SWA1497	A12R	B733	WEATHER	0
10/05/10	23:52	SWA	SWA929	A12R	B737	WEATHER	0
10/06/10	00:16	SWA	SWA614	A30R	B737	WEATHER	0
10/06/10	00:49	SWA	SWA1410	D12L	B737	WEATHER	0
10/06/10	23:56	TRNSP3	N2TS	A30L	B737	CURFEW	0
10/10/10	23:51	JBU	JBU173	A30L	A320	WEATHER	0
10/17/10	23:30	SWA	SWA2986	D30R	B733	WEATHER	0
10/17/10	23:36	AAL	AAL1035	A30L	MD83	WEATHER	0
10/18/10	00:14	SWA	SWA658	A30L	B733	ATC	0
10/18/10	00:25	SWA	SWA1219	A30R	B737	WEATHER	0
10/19/10	23:43	SWA	SWA1180	A30L	B737	WEATHER	0
10/22/10	00:06	DAL	DAL1684	D30R	B738	WEATHER	0
10/23/10	23:41	AAL	AAL1355	A12R	MD83	WEATHER	0
10/24/10	23:39	SWA	SWA1219	A30R	B737	CURFEW	0
10/25/10	00:00	TRNSP3	N724YS	D30L	B 727	OTHER	0
10/26/10	23:56	JBU	JBU173	A30L	A320	WEATHER	0
10/27/10	00:45	JBU	JBU174	D30R	A320	WEATHER	0
10/28/10	00:02	DAL	DAL1684	D12L	B738	WEATHER	0
10/29/10	00:14	SWA	SWA1219	A12R	B737	MECHANICAL	0
10/29/10	23:37	JBU	JBU174	D12L	A320	ATC	0
10/29/10	23:40	SWA	SWA929	A12R	B737	CURFEW	0
10/31/10	23:46	JBU	JBU174	D30R	A320	MECHANICAL	0

Total Intrusions = 27

Total Complaints = 0

Monthly Curfew Intrusion Report - October 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:	2
Mechanical Related Operations	Total:	7
Weather Related Operations	Total:	14
Lifeflight/Medical Emergency Related Operations	Total:	0
Government/Military/Emergency Related Operations	Total:	0
Other	Total:	1

OTHER: Flight N724YS (B727) San Jose Shark Charter

INTRUSIONS IN NON-COMPLIANCE WITH ANCP

CURFEW: Flight N2TS, (B737) First Virtual Management-Late Arrival-Citation Issued

CURFEW: Southwest Airlines Co. (San Antonio, Tx) Flight SWA1219, (B737) Late Arrival-Citation Issued

CURFEW: Southwest Airlines Co. (San Antonio, Tx) Flight SWA929, (B737) Late Arrival- Citation Issued

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

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

Aircraft Curfew Intrusions

Airline	Arrivals	Departures	Total	Complaints
AAL - AMERICAN AIRLINES	3	0	3	0
DAL - DELTA AIR LINES, INC.	0	2	2	0
JBU - JETBLUE AIRWAYS	2	4	6	0
SWA - SOUTHWEST AIRLINES	11	3	14	0
Commercial Totals	16	9	25	0
Business Jets Stage 2	0	0	0	0
Transport Jets Stage 3	1	1	2	0
Business/Transport Jet Totals	1	1	2	0
Turbojet Totals	17	10	27	0

Total Operations: 11,322

Curfew Operations VS Total Operations - October 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	3	0	3	472	0.64	0.00	0.64
DELTA AIR LINES, INC.	2	0	2	160	1.25	0.00	1.25
JETBLUE AIRWAYS	6	0	6	111	5.41	0.00	5.41
SOUTHWEST AIRLINES	12	2	14	3826	0.31	0.05	0.37
Totals	23	2	25	4569	0.50	0.04	0.55

*Does not include Cargo or non-scheduled operations.

Curfew (Turbojet) Report Summary - October 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	13	3	16	0
0000 - 0029	4	5	9	0
0030 - 0059	0	2	2	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	17	10	27	0

Monthly Airline Run-up Report - October 2010

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

Date	Time	Carrier	Runway	Aircraft	Run-up Type	Complaints
10/19/10	06:40	USA	A-14	A319	LOW POWER	0
10/21/10	21:50	SWA	TWY-Y@M	B737	PART POWER	0
10/22/10	05:15	SWA	TWY-Y@M	B737	PART POWER	0
10/22/10	09:10	SWA	TWY-Y@L&M	B737	HIGH POWER	0
10/31/10	00:00	ASA	TWY-Y@L&M	B737	HIGH POWER	0

Monthly Airline Run-up Summary - October 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	1	0	0	1	0
SWA - SOUTHWEST AIRLINES	1	2	0	3	0
USA -US AIRWAYS	0	0	1	1	0
Totals	2	2	1	5	0

Complaints - October 2010

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

Event Date Time	Call Date Time	Event	Resolution
10/02/2010 00:24	10/02/2010 10:09	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 10/8.
10/02/2010 00:30	10/02/2010 00:34	Ms. R from North Santa Clara reported aircraft noise over her area. Ms. R did not request contact.	Curfew investigation revealed a compliant arrival by a commercial aircraft. Frequent caller postcard sent on 10/8.
10/03/2010 00:30	10/03/2010 00:53	Mr. W from Sunnyvale reported aircraft noise over his area. Mr. W did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 10/8.
10/03/2010 14:19	10/03/2010 14:43	Mr. M from the Willow Glen area reported aircraft noise over his area. Mr. M did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 10/8.
10/03/2010 17:30	10/03/2010 17:41	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 10/8.
10/05/2010 15:03	10/05/2010 15:17	Ms. R from San Jose reported aircraft noise over her area. Ms. R did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 10/8.
10/06/2010 01:00	10/06/2010 09:10	Ms. C from the Civic Center area reported aircraft noise over her area. Ms. C did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 10/8.
10/06/2010 06:30	10/06/2010 06:56	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 10/8.
10/06/2010 10:15	10/06/2010 12:03	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 10/8.
10/07/2010 09:00	10/07/2010 09:20	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 10/8.
10/07/2010 09:10	10/07/2010 11:23	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 10/8.
10/07/2010 10:30	10/07/2010 10:49	Ms. S from the Hensley Park area reported aircraft noise over her area. Ms. S did not request contact.	Overflight by news helicopter. Frequent caller postcard sent on 10/8.
10/08/2010 09:07	10/08/2010 09:23	Mr. Y from Sunnyvale reported aircraft noise over his area. Mr. Y did not request contact.	Overflight by news helicopter. Frequent caller postcard sent on 10/15.
10/12/2010 06:08	10/12/2010 06:17	Mr. G from the Civic Center area reported aircraft noise over his area. Mr. G did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 10/15.
10/12/2010 06:41	10/12/2010 06:45	Mr. G from the Civic Center area reported aircraft noise over his area. Mr. G did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 10/15.
10/15/2010 21:15	10/15/2010 22:06	Ms. R from San Jose reported aircraft noise over her area. Ms. R did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 10/15.
10/19/2010 07:53	10/19/2010 09:11	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 10/22.
10/19/2010 08:21	10/19/2010 09:18	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 10/22.

Complaints - October 2010

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

Event Date Time	Call Date Time	Event	Resolution
10/19/2010 10:28	10/28/2010 11:19	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 10/22.
10/19/2010 13:21	10/19/2010 13:32	Mr. C from Mt. View reported aircraft noise over his area. Mr. C did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 10/22.
10/21/2010 22:00	10/21/2010 22:13	Mr. S from San Jose reported aircraft noise over his area. Ms. S did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 10/22.
10/22/2010 02:30	10/22/2010 06:37	Ms. E from the Civic Center area reported aircraft noise over her area. Ms. E did not request contact.	Curfew investigation revealed a compliant departure by a commercial aircraft. Frequent caller postcard sent on 10/22.
10/22/2010 14:09	10/22/2010 14:28	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 10/22.
10/24/2010 16:43	10/24/2010 17:03	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 10/29.
10/24/2010 16:48	10/24/2010 21:27	Mr. R from the Rose Garden reported aircraft noise over his area. Mr. R did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 10/29.
10/24/2010 23:06	10/24/2010 23:18	Mr. G from the Civic Center area reported aircraft noise over his area. Mr. G did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 10/29.
10/25/2010 01:00	10/25/2010 09:29	Mr. R from the Rose Garden reported aircraft noise over his area. Mr. R did not request contact.	Curfew investigation revealed a compliant arrival by a commercial aircraft. Frequent caller postcard sent on 10/29.
10/25/2010 16:45	10/25/2010 09:55	Ms. P from the Shasta/Hanchett area reported aircraft noise over her area. Ms. P did not request contact.	Arrival by commercial aircraft. Frequent caller postcard sent on 10/29.
10/30/2010 14:40	10/30/2010 14:50	Ms. A from Sunnyvale reported aircraft noise over her area. Ms. A did not request contact.	Departure by commercial aircraft. Frequent caller postcard sent on 11/5.