Mead & Hunt
1360 19th Hole Drive
Suite 200
Windsor, California 95492
707-526-5010
meadhunt.com

April 17, 2017

Mr. John Aitken
Deputy Director of Aviation
Norman Y. Mineta San Jose International Airport
1701 Airport Boulevard, Suite B-1130
San Jose, California 95110

Subject: Forth Quarter 2016 Aircraft Noise Report for
Norman Y. Mineta San Jose International Airport

Dear Mr. Aiken:

We are pleased to submit the Fourth Quarter 2016 Aircraft Noise Report for Norman Y. Mineta San Jose International Airport (SJIA). The report covers the period of October 1, 2016 – December 31, 2016.

Version 2c (SP2) of the FAA's Aviation Environmental Design Tool (AEDT) was used to prepare the 65 dB CNEL aircraft noise exposure contour. Version 2c (SP2) is the current version of AEDT, having been released by the FAA on March 13, 2017. Noise modeling was based on measured noise level data for the above-referenced quarterly reporting period from the City's Aircraft Noise and Operations Monitoring System (ANOMS) and the following airport operations data sources.

- The average daily commercial aircraft activity was obtained from landings report data.
- The day/evening/night distributions of flights and departure trip lengths were determined from published flight schedules, and from ANOMS data for cargo aircraft.
- The overall counts of scheduled and unscheduled aircraft activity were obtained from City of San Jose aircraft activity reports and FAA Tower counts.
- Runway utilization factors were estimated based upon an analysis of aircraft operational data collected by the ANOMS for the fourth quarter of 2016. The overall assumed north-south runway split was 83.6%/16.4%.

Overall, annual average measured CNEL values for the fourth quarterly period of 2016 at the remote monitoring terminals (RMTs) were within -0.1/+0.3 dB of the annual average values reported for the third

quarterly period of 2016. Fluctuations in noise exposure from reporting period to reporting period are to be expected due to ongoing changes in aircraft activity levels, fleet mix and runway use, and airfield maintenance and/or construction projects.

The City has completed its update of the ANOMS. System reliability has been significantly improved since the new equipment and software were fully implemented. Four RMTs were relocated and two RMTs were decommissioned. All active RMTs have been renumbered using “100” series numbers.

The percentage of air carrier jet aircraft flown at SJIA during the forth quarterly period of 2016 that comply with Stage 3 noise requirements remains at 100%. Presently, there are no Stage 2 aircraft weighing more than 75,000 lbs. MGTOW that are scheduled to operate at SJIA.

The 65 dB CNEL noise impact area calculated by Airport staff for the forth quarterly period of 2016 was zero (0) statute miles squared (0 acres). That means that no non-compatible land uses are located within the 65 dB CNEL contour. The calculated noise impact area at SJIA has remained at zero (0) statute miles squared since the first quarter of 2009.

Please feel free to contact me at (918) 585-8844 or Peter.VanPelt@MeadHunt.com if you have any questions or require additional information.

Respectfully submitted,

MEAD & HUNT, Inc.

Peter Van Pelt
Senior Consultant, Aviation Group

Enclosure

CERTIFICATION

Specific dates of summary: January 1, 2016 – December 31, 2016

I certify that the information contained in the following pages is correct to the best of my knowledge.

PREPARED BY: DATE: April 12, 2017

Paul Dunholter
President
BridgeNet International

APPROVED BY: DATE:

John Aitken
Deputy Director of Aviation
Norman Y. Mineta San Jose International Airport

SUMMARY OF CALTRANS STATISTICAL INFORMATION 4th QUARTER 2016
(Form DOA 617 10/89)

Annualized Noise Impact Data (January 1, 2016 – December 31, 2016):

1. Noise Impact Area (statue miles-squared) 0
   Includes land parcels only: Does not include streets

2. Estimated number of dwellings impacted 0

3. Estimated number of people residing within the Noise Impact Boundary 0
   (Estimated, based on 3.09 people per dwelling unit.)

Quarterly Aircraft Operations Data (October 1, 2016 – December 31, 2016):

4. Aircraft type having highest takeoff noise level ..... B727-200 (Stage 3 compliant)
   Total operations by this aircraft 4

5. Estimated number of aircraft operations 41,323

6. Estimated number of air carrier/cargo jet operations 27,224

7. Estimated percent of air carrier/cargo jet operations by Stage 3 aircraft 100%

8. Estimated number of general aviation aircraft operations 8,190

9. Estimated number of military aircraft operation 87

10. Estimated number of taxi/commuter aircraft operations 5,822

BACKGROUND INFORMATION

"Noise Problem" Airports in California

The California Airport Noise Standards (California Code of Regulations, Title 21, Section 5000 et seq.) apply to any airport that is determined to have a noise problem by the local County Board of Supervisors in accordance with the provisions in the regulation. Norman Y. Mineta San Jose International Airport (SJIA) is one of ten airports in California that have been determined to have a noise problem by local County governments.

How is aircraft noise measured?

California uses the Community Noise Equivalent Level (CNEL) as the primary measure for determining exposure of individuals to airport noise. CNEL is the annual, 24-hour average sound level, in decibels, obtained from the accumulation of all noise events, with the addition of 4.77 decibels to weight sound levels from 7 P.M. to 10 P.M. and 10 decibels to weight sound levels from 10 P.M. to 7 A.M. In effect, this weighting means that each evening operation is counted as it is five daytime operations and each nighttime operation counts as the same as ten daytime operations. The weighing of evening and nighttime events accounts for the fact that noise events during these hours are more intrusive when ambient levels are lower and people are trying to sleep. The 24-hour CNEL is annualized to reflect noise generated by aircraft operations for an entire year and is identified by "noise contours" showing levels of aircraft noise.

CNEL is a widely accepted descriptor for aviation noise because of the following characteristics: CNEL is a measurable quantity; CNEL can be used by airport planners and the general public who are not familiar with acoustics or acoustical theory; CNEL provides a simple method to compare the effectiveness of alternative airport scenarios; and CNEL is based on a substantial body of scientific survey data regarding the reactions people have to noise.

What are Noise Contours (noise Exposure Maps – NEMs) and how are they used?

Noise contours are computer generated lines that are modeled to reflect both current noise conditions near airports, as well as to predict what the future noise conditions will be. Technically, a noise contour represents the average annual noise levels (CNEL) summarized by lines connecting points of equal noise exposure.

Norman Y. Mineta San Jose International Airport uses the 65 CNEL contour to identify non-compatible land uses and determine eligibility for federal funds for noise mitigation. Any noise sensitive uses (such as residences, schools, churches, etc.) within the 65 CNEL and greater contour are considered to be non-compatible with aircraft noise.

A variety of information is gathered each quarter to create an accurate noise contour including: the number of flights, flight paths, type of aircraft, type of aircraft engines, time of day, weather conditions, and runway use. Actual on-site noise measurements specific to aircraft operating at SJIA are used to verify predicted individual aircraft noise levels contained in the computer model.

These data are used to generate noise contours that are overlaid onto base maps to create a Noise Exposure Map (NEM), which is used to identify where specific levels of aircraft noise occur. The Noise Exposure Maps developed for SJIA will be used in the following ways:

- Defining where areas of roughly equal noise exist in the communities surrounding the Airport
- Assessing various alternative solutions to reduce the effect of noise

What is the Integrated Noise Model?

The Integrated Noise Model (INM) is the model developed by the Federal Aviation Administration (FAA) for evaluating aircraft noise impacts in the communities surrounding airports. The INM uses inputs such as number of operations, aircraft fleet mix (aircraft types), aircraft flight tracks, and flight profiles, time of day of operations and terrain to evaluate aircraft noise. The INM has been used by the FAA since 1978, but has been updated many times since then to include improved metrics and the most current aircraft information.

What is considered a non-compatible land use?

California uses the 65 CNEL and greater contour to represent non-compatible land uses and determine eligibility for noise mitigation. Noise sensitive uses (such as residences, schools, hospitals, nursing homes, and churches) within the 65 CNEL and greater contour are considered to be non-compatible land uses. The date of original construction, the presence of an exterior habitable area, and the presence of acoustic insulation may convert certain uses to a compatible use.

What is the purpose of noise monitoring?

The purpose of noise monitoring is to provide a method to confirm the outputs in the Integrated Noise Model from different aircraft types. The monitoring measures how loud individual aircraft are at certain points. This is then compared to the prediction based on the model and helps determine if any adjustments need to be made to the model inputs to accurately portray the unique noise environment at SJIA. Said another way, these measurements are used to validate the FAA INM. Measurements are taken of the actual noise levels an aircraft makes at a particular airport under particular conditions to compare them to predicted noise levels from the FAA INM using the exact same conditions.

ANNUALIZED COMMUNITY NOISE EQUIVALENT LEVEL (CNEL) VALUES

	Year/Quarter			
Remote Monitoring Terminal (RMT)	**2016/4th**	**2016/3rd**	**2016/2nd**	**2016/1st**
101	58.3	58.1	57.8	59.4
102	65.9	66.0	66.0	65.9
104	57.9	57.7	57.9	57.1
105	59.4	59.2	59.1	59.0
106	65.2	65.2	65.4	65.4
107	61.4	61.5	61.2	61.0
108	64.1	64.1	63.7	63.3
109	61.3	61.4	61.7	61.6
110	64.9	64.7	64.6	64.4
111	62.3	62.2	62.2	62.1
112	59.9	59.8	60.0	59.6
114	59.1	58.8	58.3	58.0
115	58.9	58.6	58.4	58.4

TOTAL AIRCRAFT OPERATIONS

	Year/Quarter			
Operations	**2016/4th**	**2016/3rd**	**2016/2nd**	**2016/1st**
Total	41,323	42,861	40,162	36,163
Air Carrier/Cargo	27,224	26,165	25,739	23,278
General Aviation	8,190	9,472	8,633	7,434
Military	87	54	61	88
Taxi/Commuter	5,822	7,170	5,729	5,363

REMOTE MONITORING TERMINAL (RMT) LOCATIONS

Remote Monitoring Terminal (RMT)	Location	Latitude	Longitude
101	Oak Street San Jose, CA	37.321292	-121.881981
102	Center for Performing Arts San Jose, CA	37.329572	-121.892365
104	Bellarmine Prep School San Jose, CA	37.340997	-121.917993
105	Rosemary Garden San Jose, CA	37.3624	-121.91475
106	St. John/Autumn San Jose, CA	37.33424	-121.899946
107	Fire Station 6 Santa Clara, CA	37.39516	-121.949916
108	MacGregor Lane Santa Clara, CA	37.386895	-121.946527
109	Lake Santa Clara Santa Clara, CA	37.392133	-121.967717
110	Chestnut St. Santa Clara, CA	37.390153	-121.959598
111	Fuller Street Park Santa Clara, CA	37.397987	-121.965516
112	Mnt. View/Alviso Santa Clara, CA	37.40969	-121.97944
114	Fairway Glen Park Santa Clara, CA	37.405623	-121.961404
115	3rd/Reed San Jose, CA	37.328608	-121.882987

MONTHLY COMMUNITY NOISE EQUIVALENT LEVEL (CNEL) VALUES
January 1, 2016 – December 31, 2016

	Remote Monitoring Terminal (RMT)												
	101	**102**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**111**	**112**	**114**	**115**
Jan 2016	**55.6**	**65.6**	**58.5**	**60.6**	**65.3**	**60.4**	**62.9**	**61.3**	**65.5**	**62.7**	**60.7**	**57.6**	**60.5**
# Days	31	31	31	31	31	31	31	31	31	31	31	31	31
Feb 2016	**56.7**	**65.6**	**58.3**	**60.9**	**65.1**	**60.9**	**63.6**	**61.2**	**64.3**	**61.6**	**59.1**	**58.2**	**58.3**
# Days	29	29	29	29	29	29	29	29	29	29	29	29	29
Mar 2016	**59.3**	**66.2**	**57.8**	**60.9**	**65.7**	**61.5**	**64.3**	**77.4**	**65.2**	**62.6**	**60.3**	**58.5**	**59.9**
# Days	31	31	31	31	31	31	31	30	31	31	31	31	31
1st Qtr.	**57.5**	**65.8**	**58.2**	**60.8**	**65.4**	**60.9**	**63.6**	**72.9**	**65.1**	**62.4**	**60.1**	**58.1**	**59.7**
# Days	91	91	91	91	91	91	91	90	91	91	91	91	91
Apr 2016	**58.2**	**65.7**	**55.5**	**58.9**	**65.4**	**61.6**	**64.4**	**61.5**	**64.6**	**61.9**	**59.1**	**59.2**	**57.5**
# Days	30	30	30	30	30	30	30	30	30	30	30	30	30
May 2016	**59.4**	**66.0**	**55.7**	**56.7**	**65.1**	**61.3**	**64.1**	**61.2**	**64.6**	**61.9**	**61.9**	**58.7**	**58.4**
# Days	31	31	31	31	31	31	31	31	31	31	31	31	31
Jun 2016	**59.1**	**66.1**	**61.4**	**56.3**	**65.3**	**62.0**	**64.7**	**61.5**	**65.1**	**62.6**	**59.3**	**59.4**	**57.8**
# Days	30	30	30	30	30	30	30	30	30	30	30	30	30
2nd Qtr.	**59.0**	**65.9**	**58.4**	**57.4**	**65.3**	**61.6**	**64.4**	**61.4**	**64.7**	**62.1**	**60.3**	**59.1**	**57.9**
# Days	91	91	91	91	91	91	91	91	91	91	91	91	91
Jul 2016	**58.4**	**66.7**	**55.3**	**56.6**	**65.3**	**61.3**	**64.3**	**61.3**	**64.7**	**62.2**	**59.1**	**59.3**	**58.4**
# Days	31	31	31	31	31	31	22	31	31	31	31	31	31
Aug 2016	**58.6**	**65.8**	**54.7**	**55.6**	**65.3**	**61.1**	**64.2**	**60.7**	**64.3**	**61.8**	**58.7**	**58.9**	**58.0**
# Days	31	31	31	31	31	31	31	31	31	31	31	31	31
Sep 2016	**58.1**	**65.5**	**56.1**	**57.3**	**64.8**	**60.7**	**63.7**	**60.9**	**64.2**	**61.5**	**58.4**	**58.7**	**57.9**
# Days	30	30	30	30	30	30	30	30	30	30	30	30	30
3rd Qtr.	**58.3**	**66.0**	**55.4**	**56.6**	**65.1**	**61.0**	**64.1**	**61.0**	**64.4**	**61.9**	**58.7**	**58.9**	**58.1**
# Days	92	92	92	92	92	92	92	92	92	92	92	92	92
Oct 2016	**56.8**	**65.1**	**58.1**	**59.7**	**64.5**	**60.9**	**63.1**	**60.7**	**65.1**	**62.4**	**60.2**	**58.2**	**59.7**
# Days	31	31	31	31	31	31	31	31	31	31	31	31	31
Nov 2016	**59.1**	**65.7**	**58.2**	**60.6**	**65.2**	**62.0**	**64.7**	**61.6**	**65.4**	**63.1**	**60.1**	**59.9**	**58.9**
# Days	30	30	30	30	30	30	30	30	30	29	30	30	30
Dec 2016	**58.6**	**66.2**	**60.3**	**62.2**	**65.8**	**62.3**	**64.5**	**61.3**	**65.3**	**62.8**	**60.0**	**59.8**	**60.1**
# Days	31	31	31	31	31	31	31	30	31	31	31	31	31
4th Qtr.	**58.3**	**65.7**	**59.0**	**61.0**	**65.2**	**61.8**	**64.2**	**61.2**	**65.2**	**62.8**	**60.1**	**59.4**	**59.6**
# Days	92	92	92	92	92	92	92	92	92	91	92	92	92
12 Mo.	**58.3**	**65.9**	**57.9**	**59.4**	**65.2**	**61.4**	**64.1**	**61.3**	**64.9**	**62.3**	**59.9**	**59.1**	**58.9**
# Days	365	365	365	365	365	365	365	364	365	363	365	365	365
On-Line	100%	100%	100%	100%	100%	100%	100%	99.7%	100%	99.4%	100%	100%	100%

DAILY AIRCRAFT COMMUNITY NOISE EQUIVALENT LEVEL (CNEL) VALUES
OCTOBER 2016

	Remote Monitoring Terminal (RMT)												
Day	**101**	**102**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**111**	**112**	**114**	**115**
1	56.5	63.7	60	58.4	63	60.7	63.6	60.5	63.3	60.7	57.6	59.1	54.4
2	58.6	65.8	54.9	55.9	65.2	62	65	61.2	64.6	62.2	58.4	60.6	56.5
3	52.9	62.2	57.1	59.9	61.9	60.2	62.2	61.5	66.8	64.5	62.2	57.6	59.7
4	58.1	66.2	57.6	60.9	65.6	62.4	62.7	59.3	62.4	59.7	56.9	58.1	60.2
5	59.4	66	57.1	57.1	65.5	62.3	64.9	61.8	64.7	62.3	60	60.4	56.4
6	58.9	65.7	56.5	58.6	64.7	62.5	65.1	62	64.9	62.6	59.4	60	55.8
7	58	64	54.6	60.2	63.1	63.1	64.4	61.4	64.6	62	59.2	58.9	55.3
8	52.5	62.2	60.9	57.7	62.7	59	62.7	59.4	63	60.1	57	57.3	52.6
9	58.2	64.6	52.7	57.8	64.1	60.2	64.3	60.8	64.3	62.2	58.6	58.7	54.1
10	59	65.1	51.6	57.8	64.7	61.8	65	61.9	65.5	61.4	60.1	60.6	56.3
11	59	65.7	50.8	56.4	65.4	62.4	64.6	61.5	64.6	62	59.2	60.2	55
12	59.3	65.4	53.7	52.8	65.5	61.5	64.9	61.2	64.6	63.4	58.8	59	54.8
13	60.4	65.5	50.9	56.4	64.8	62.9	65.7	62.2	65.9	62.4	61.3	61.1	55.3
14	55.2	67.6	59	60.3	66.1	58.7	60.5	60.8	65	60.8	59.9	55.5	63.8
15	43	64	58.1	58.8	63.3	48.9	52.1	56.8	63.9	62.5	59.4	45.8	61.8
16	46.9	64.7	59.2	62.4	64.2	60.5	52.4	58.9	65.6	63.6	61.4	45.5	63.3
17	58.2	66.2	54.4	59.6	65.5	62.7	65.6	61.9	65.1	62.2	60.1	61.2	56.7
18	59.6	66.5	57.4	59.4	65.5	62.1	64.8	61.8	64.6	61.9	59.1	60	58.5
19	57.8	65.5	60.1	61.9	64.8	62.4	64.7	61.8	64.5	62.7	59.4	59.6	55.1
20	60.6	66.1	63.2	61.8	65.1	62.3	65.4	62	65	63	59.8	59.8	55.8
21	58.1	66.7	58.7	60.5	65.6	63.6	65.3	61.7	65.2	60.9	59.1	60.5	56.5
22	54.8	62.9	51	56.5	61.9	59.8	63.5	59.5	63.7	64.6	57.2	57.9	55.9
23	54.8	63.7	55.9	60.5	62.8	59.7	63.2	61.6	67.4	64.8	62.5	58.9	59.8
24	47.3	65.3	60.1	62	64.5	54.2	54.8	59.9	66.9	62.5	63.2	50	63.6
25	44	66.1	60.3	61.3	64.2	54.2	51.2	58.4	65.2	61.3	60.8	45.5	63.2
26	58.3	63.9	57.6	59.9	65.1	59.9	62.9	59.4	63.8	63.8	60.1	57.9	60
27	49.2	65.6	60.8	61	65.2	59.8	54.6	59.8	66.3	64.8	61.8	47.1	63.6
28	55.2	64.2	57.1	61	63.8	63.1	63.8	61.8	67.2	59.6	62.6	59.7	60.4
29	40.1	63.1	58.5	59.2	62.6	47.7	49.8	56.1	62.9	62.8	58.5	41.6	61.6
30	46.4	63.8	58.8	59.9	63.5	53.3	52.3	59.2	65.6	60.6	61.5	45.8	62.6
31	45.8	65.2	59.6	61.1	64.6	60.5	52.1	57.8	64.7	58.7	60.2	44.8	62.4
Avg.	**56.8**	**65.1**	**58.1**	**59.7**	**64.5**	**60.9**	**63.1**	**60.7**	**65.1**	**62.4**	**60.2**	**58.2**	**59.7**
# Days	31	31	31	31	31	31	22	31	31	31	31	31	31

DAILY AIRCRAFT COMMUNITY NOISE EQUIVALENT LEVEL (CNEL) VALUES
NOVEMBER 2016

	Remote Monitoring Terminal (RMT)												
Day	**101**	**102**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**111**	**112**	**114**	**115**
1	58.1	67	58.5	60.7	66.5	61	62.4	59.3	62.7		57.6	57.7	61
2	59.3	65.4	52	59.2	64.2	62.5	65.5	62.2	65.4	62.1	59.7	60.8	56.5
3	59.8	65.5	57.2	61.2	64.8	62.8	65.9	62.3	65.7	63.6	59.7	61.3	56.4
4	59.6	66	63.5	61.6	64.8	62.2	65.5	62.3	65.7	63.2	60.1	60.7	61.4
5	55.1	63.6	55.4	57.5	63	62	63.6	60.3	63.7	61	57.7	58.4	53.8
6	59.7	65.4	51.9	54.9	65.3	64.2	65.8	62.5	66	63.6	60.4	61.2	55.1
7	57.4	64.6	52.6	55.6	64.5	62.7	64.6	61.4	64.9	62.7	59.7	59.4	54.5
8	59.9	65	54.3	58.8	64.5	61.3	64.4	61	64.5	62.1	59	59.7	53.9
9	61.3	65.9	64.1	60.8	65.3	62.7	65.9	62.4	65.8	63.7	60.2	60.8	56.3
10	60.9	65.7	60.5	59.3	65.6	63.7	65.9	62.6	66.5	64.4	60.7	61	55.1
11	61.4	65.5	53.4	61	64.5	62.4	66.1	62.5	66.6	64.1	60.7	60.8	56.5
12	54.3	62.9	52	55.1	62	60	63.5	59.8	63.3	60.9	57.7	58.5	54.8
13	58.4	65.7	56.5	53.5	65.7	63.6	64.8	60.8	64.9	62.6	59.7	59.8	55.6
14	58.5	66	54	52.6	66.1	60.8	64.2	60.7	64.3	62.3	58.5	59.1	53.7
15	61.6	66.2	53.8	58.3	65.8	62.5	65.5	61.8	65.1	62.7	59	60.8	55.9
16	61.1	67	60.1	62.8	65.7	62.8	65.4	61.9	64.8	62.5	59.3	61	57.6
17	60.9	65.8	56.4	61.4	64.6	63.5	66.3	63	66.4	64.1	61.1	61.3	58.1
18	53.4	64.6	58.6	63.6	64	59.7	63.5	62.2	67.7	65.8	63.4	57.6	61.9
19	47.5	65	59.8	60.7	64.2	50.3	54.8	59.7	66.1	63.1	61.5	44.8	64.1
20	58.7	66.9	58.9	59.7	67.1	60.7	63.7	60.5	64.6	61.8	58.8	58.4	61.9
21	58.6	62.7	52.5	60.6	62.6	61.4	64	60.6	64	62.1	58.2	59.6	53.7
22	59.3	65.6	56.7	61.9	65.2	61.9	64.9	62.4	66.8	64.5	62	60	59.7
23	60.2	67.3	58.5	62.7	66.3	63	66	62.4	65.5	63.5	60	61.8	58.9
24	55.6	61.4	54.5	58.3	63.2	60.4	64.1	60	63.6	61.4	58	59.3	52.6
25	53	62.6	56.2	59.4	62.1	58.3	62.1	60.8	66	63.6	61.8	57.1	59.5
26	52.3	65.8	60.3	61.3	66.1	56.2	58	59.7	66	62.8	61.7	51.8	63.7
27	62.1	67.2	57.7	59.2	66.9	64.7	67	62.8	66.4	63.7	60.4	62.2	59.8
28	59.4	68.1	61.1	62.6	67.6	61.1	63.1	60.4	63.6	61.2	58.9	59	62.6
29	58.9	66.7	60.6	65.7	66.5	62.9	65.3	62.4	64.9	63.2	60.3	60	57.8
30	60.8	66.2	54.2	62.1	65.8	63.3	66	62.5	65.1	63.1	59.7	61.4	56.7
Avg.	**58.6**	**65.8**	**54.7**	**55.6**	**65.3**	**61.1**	**64.2**	**60.7**	**64.3**	**61.8**	**58.7**	**58.9**	**58.0**
# Days	30	30	30	30	30	30	30	30	30	29	30	30	30

DAILY AIRCRAFT COMMUNITY NOISE EQUIVALENT LEVEL (CNEL) VALUES
DECEMBER 2016

	Remote Monitoring Terminal (RMT)												
Day	**101**	**102**	**104**	**105**	**106**	**107**	**108**	**109**	**110**	**111**	**112**	**114**	**115**
1	59.9	66.7	64.9	63.1	66.1	65.4	65.5	62.2	65.1	62.6	59.9	60.6	58.8
2	58.5	65.9	62.9	64.3	64.2	62.1	64.2	62	64.2	61.6	58.6	59.8	55.8
3	56.5	63.3	60.4	60.6	62.2	60.3	63.8	60.6	63.5	61	58	58.6	57.7
4	58.8	66.2	55.2	58.5	65.9	61.7	65.3	61.4	64.8	62.2	58.7	60.4	56.6
5	58.6	66	55	62	65.9	61.8	64.9	61.7	64.6	62.5	58.6	59.6	55.9
6	60	65.7	60.4	63.1	65.4	62.7	65.2	61.1	64.3	61.9	58.7	60.7	56.6
7	57.8	64.8	58.1	61.1	64.1	61.8	64.3	62.3	67.2	65	62.8	59.8	61.1
8	49.9	67.1	61.1	63.1	65.8	56.7	53.9	60	66.7	63.6	62.2	44.5	65.8
9	48.3	66.6	60.5	61.5	65.4	57.7	54.2	60	66.3	63.6	62.1	45.1	64.1
10	49.9	65	59.1	58.8	65.1	56.1	55.6	56.2	62.5	59.2	57.5	49.6	61.9
11	58.4	66	57.3	53.1	65.7	61.7	65	61.2	64.8	62.2	58.7	60.1	56.2
12	59.6	65.2	55.1	59	64.9	62.7	65.8	61.9	65.6	63.6	58.7	60.6	56
13	59	65.9	50.2	59.7	64.9	63	65.9	61.7	65.8	63.4	60	61.5	56.8
14	57.8	65	58.3	61.8	64.6	65.2	63.6	62.1	67.8	65.3	63.2	59.5	61.9
15	58.6	68.3	60.9	63.5	68.1	62.3	62.1	61.4	67.1	64.2	62.9	57.8	65.7
16	60.8	67.3	60.7	65.3	66.9	64.4	67	62.9	66.2	63.9	60.6	63.3	58.1
17	56.9	65.2	60.7	62.4	64.4	61.2	64.5	60.5	64	61.6	58.9	59.8	56.8
18	59.1	66.8	61.3	61.7	65.6	60.6	64.2	60	63.5	60.9	57.9	59.2	57.2
19	60.3	66.1	61.5	60.9	65.5	65.5	65.3	61.1	65	62.1	59	60.2	57.1
20	60.4	66.8	62.6	61.2	66.2	62.9	65.7	62	65.2	62.6	59.8	60.3	57.5
21	60.3	67.4	60.7	66.3	67	61.4	64.5	61.1	64.7	62.3	59.7	59.8	62
22	59.4	67	58.7	64.8	66.1	63.6	66.5	62.9	66.7	64.3	61	61.7	59.5
23	61.2	68.9	62.2	64.2	70.1	64	64.4	61.3	65.5	63.1	60.4	60	65.2
24	57	63.5	57.6	58.5	63.1	61.8	64.9	61	64.1	61.5	58.3	60.8	55.2
25	43.7	61.4	57	57.6	61.4	56.3	60.1	58.9	64.5	61.9	60	54.7	58.8
26	59	65.6	60	62.1	65.6	61.1	64.9	61	64.5	62.8	58.8	59.9	56.7
27	59.5	67	64.5	62.6	66.9	62.3	66	62.1	65.5	63.1	59.8	60.8	57.7
28	59.6	66.8	62.7	63.3	66.2	61.7	65.2	61.6	64.8	62.6	59.4	60.1	57.9
29	58.8	66.7	59.3	64.3	65.8	63.8	65.4	62.2	65.2	63.2	60.4	60.9	60
30	60.5	66.6	56	57.6	66.5	62.7	66.1	62.2	65.5	63.4	59.5	61.5	57.1
31	52.5	63.3	51.9	56.5	63.1	59.6	63	59.3	62.6	60.1	56.9	59.1	54
Avg.	**58.6**	**66.2**	**60.3**	**62.2**	**65.8**	**62.3**	**64.5**	**61.3**	**65.3**	**62.8**	**60.0**	**59.8**	**60.1**
# Days	31	31	31	31	31	31	31	31	31	31	31	31	31

INCOMPATIBLE LAND USE WITHIN 65 CNEL

TOTAL 65 CNEL AREA	NOISE IMPACT AREA TOTALS		
	UNITS	PERSONS	ACRES
1928 ACRES	0	0	0

101

880

101

880

280

Legend

- Remote Monitoring Station
- 65 CNEL Contour
- Runways
- Hospitals
- Schools
- Churches

NORMAN Y. MINETA SAN JOSE INTERNATIONAL AIRPORT

65 CNEL CONTOUR
FOURTH QUARTER NOISE MONITORING REPORT
APRIL 1, 2017

N

0 0.5 1 Miles

JOHN AITKEN
ASSISTANT DIRECTOR OF AVIATION