



ACOUSTICAL ANALYSIS ASSOCIATES, INCORPORATED

AAAI Report 1552
AAAI Project 88018

QUARTERLY NOISE MONITORING AT HOLLYWOOD BURBANK AIRPORT THIRD QUARTER 2019

NOVEMBER 2019

Prepared for:



TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
I. INTRODUCTION	1
II. NOISE MEASUREMENTS	4
A. Sites	4
B. Noise Measurement Equipment	4
C. Noise Data	4
D. Operational Data	6
III. MEASURED NOISE DATA	6
IV. SCHEDULED AIRLINE AND AIR TAXI OPERATIONS	6
V. CNEL CONTOUR DEVELOPMENT	6
VI. INCOMPATIBLE LAND USE	18
REFERENCES	19

APPENDIX A - NOISE MONITOR INSTRUMENTATION

APPENDIX B - CALIBRATION

LIST OF TABLES

<u>Table</u>	<u>Page</u>
1. CNEL VALUES FOR JULY 2019	7
2. CNEL VALUES FOR AUGUST 2019	8
3. CNEL VALUES FOR SEPTEMBER 2019	9
4. AVERAGE CNEL VALUES	10
5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI FLIGHTS	11

LIST OF FIGURES

<u>Figure</u>		<u>Page</u>
1.	CNEL 70 CONTOUR FOR HOLLYWOOD BURBANK AIRPORT - THIRD QUARTER 2019	2
2.	CNEL 65 CONTOUR FOR HOLLYWOOD BURBANK AIRPORT - THIRD QUARTER 2019	3
3.	NOISE MONITOR LOCATIONS	5

**QUARTERLY NOISE MONITORING AT HOLLYWOOD BURBANK AIRPORT
THIRD QUARTER 2019**

I. INTRODUCTION

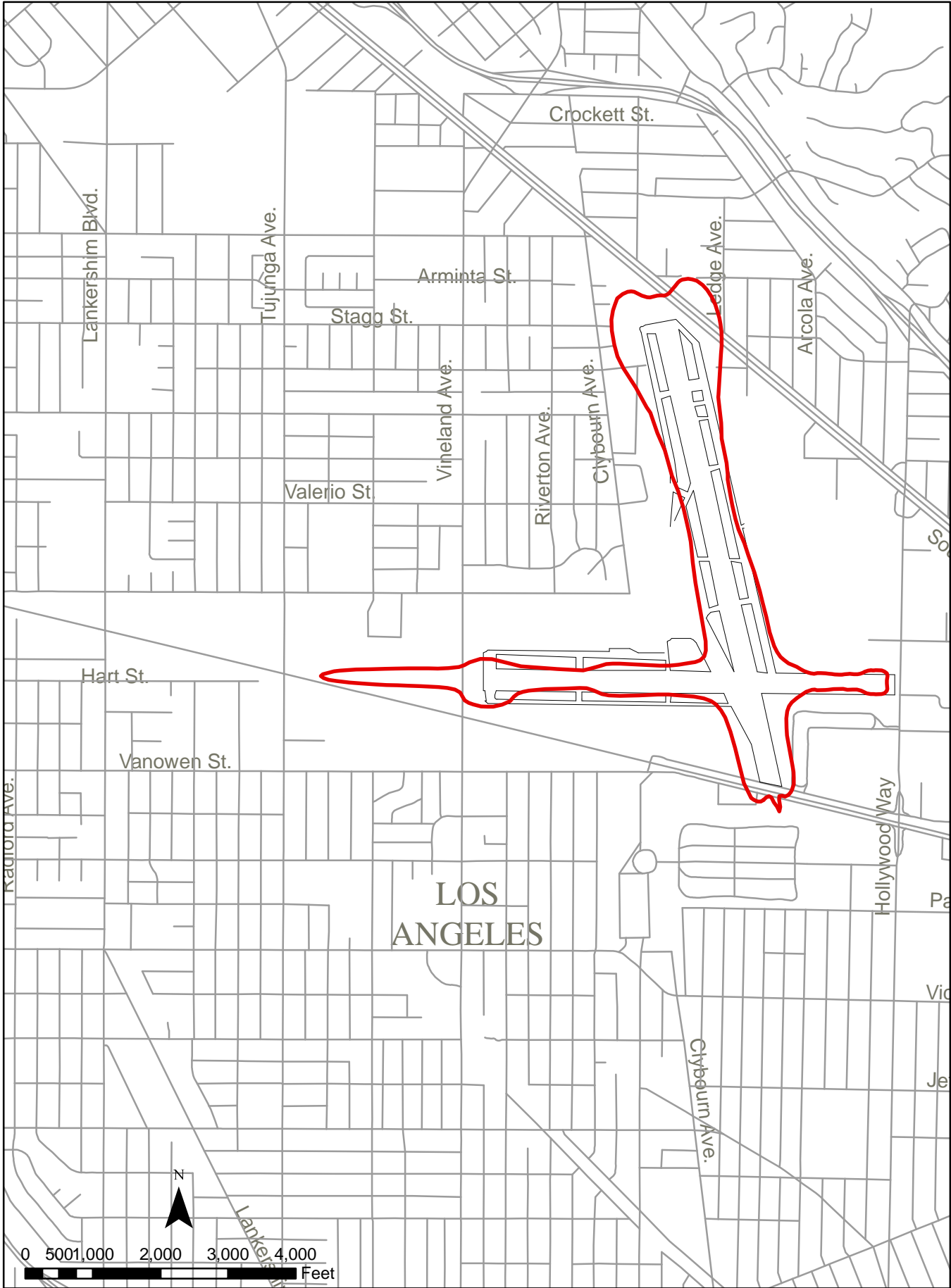
In compliance with the California Noise Standards (Reference 1) and the current variance from certain provisions of the Standards (Reference 2), the operator of the Hollywood Burbank Airport is required to perform noise monitoring in the vicinity of the airport for the purpose of establishing a noise impact boundary. The Noise Standards currently specify a community noise equivalent level (CNEL) of 65 dB for the noise impact boundary¹. The airport is required to provide, each quarter, an updated annual noise impact contour based on measurement data over the four preceding quarters.

A permanent noise monitoring system became operational in April 1980 and, with brief interruption for system expansion, maintenance, and program changes, has been operational since that time. Of the original nine noise monitor sites, eight have remained unchanged since 1980. The monitor at site 8 was removed in 1997 and replaced by a monitor at site 18. Two sites were added east of the airport in late 1980. Four sites were added south of the airport in January 1986 in response to the requirement to determine the 65 dB contour. Three more locations were added in February 1997. Two of these, identified as 16 and 17, are south of the airport, and one, 18, is to the west. These locations were added to permit monitoring closer to the 65 dB contour. The noise monitoring computer at the airport was replaced in August 1995.

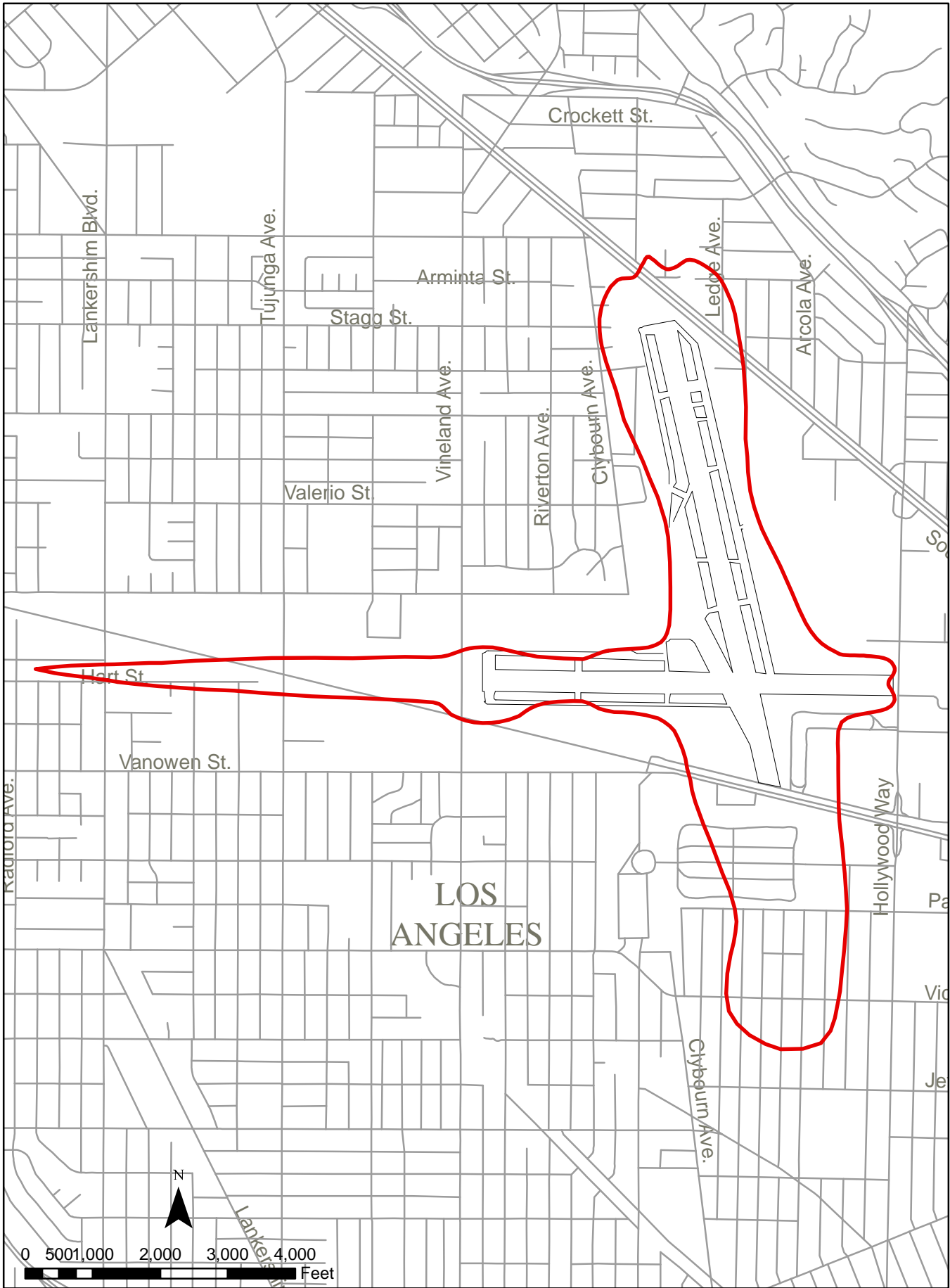
The Hollywood Burbank Airport Noise Monitoring System was modernized and augmented in late December 2012 by replacing the noise and flight track matching software, the noise monitoring hardware, and by adding sites 19, 20, 21, and 22 to allow closer monitoring to the current 65 dB CNEL contour. The old site 17 was removed as redundant with site 15, so the updated noise monitoring system contains 20 permanent microphone locations.

This report describes the data acquired by the monitoring system during the THIRD quarter of 2019. Noise impact boundaries for 65 dB and 70 dB are shown based on these measurements and measurements obtained during the fourth quarter of 2018 and the first and second quarter of 2019 reported in References 3, 4 and 5. Figure 1 shows the 70 dB contour and Figure 2 shows the 65 dB contour, based on the measured noise data.

¹ Prior to January 1, 1986, a CNEL of 70 dB defined the noise impact boundary.



BURBANK AIRPORT - 70 CNEL CONTOUR for 3rd QUARTER 2019



BURBANK AIRPORT - 65 CNEL CONTOUR for 3rd QUARTER 2019

II. NOISE MEASUREMENTS

A. Sites

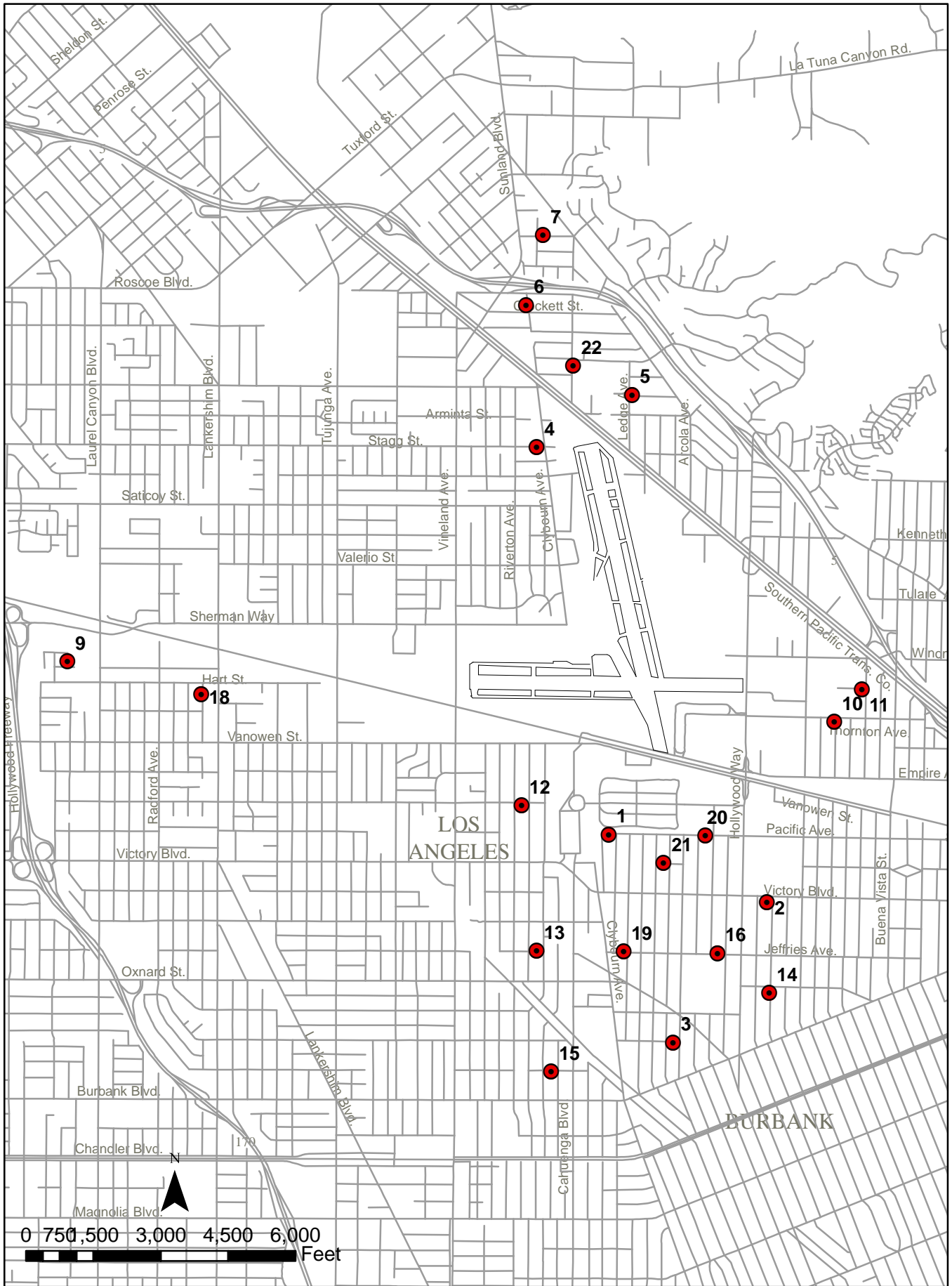
Aircraft noise levels were monitored at 15 locations prior to February, 1997. Two sites were added in February 1997, and equipment at one site west of the airport was moved to a new location. In July 2003, the monitor station at site 9 was moved 105 feet further west to accommodate new construction at the Fire Station. In December 2012, four new monitor sites were added and one existing site removed as redundant, leaving a total of twenty noise monitoring locations. The noise monitor sites are shown in Figure 3.

B. Noise Measurement Equipment

Each of the microphone locations uses an identical set of equipment connected to a central control unit. The noise level at each site is stored locally and transmitted by broad band connection to the central site once per 24-hour period. The automated noise and flight track monitoring software processes the data to produce (among other measures) the CNEL at each site. Appendix A provides a brief description of the system.

C. Noise Data

During this quarter, there were occasional power interruptions and monitor equipment failures, causing some loss of data. Tables 1, 2, and 3 show the aircraft CNEL measured at each monitoring site for each day of the quarter. The dashed lines indicate days for which a monitor was operating for less than 94% of the time. The data for these days was excluded from the averages.



BURBANK AIRPORT - NOISE MONITOR LOCATIONS

D. Operational Data

Departure and arrival schedules are provided by the airlines. In addition, operations of air carrier, general aviation and rotary-wing aircraft are determined from the airport's computerized flight tracking system.

III. MEASURED NOISE DATA

Daily CNEL values for the noise monitoring system are listed in Tables 1, 2, and 3. Table 4 lists the average values for each quarter together with the annual average.

IV. SCHEDULED AIRLINE AND AIR TAXI OPERATIONS

The scheduled air carrier and commuter operations for the quarter are shown in Table 5.

V. CNEL CONTOUR DEVELOPMENT

The contours shown in Figures 1 and 2 are based upon computer-generated "master" contours which are adjusted to reflect the monitoring data. Beginning with the THIRD quarter 2009, noise contours are developed using the master contours produced by Version 7.0 of the Integrated Noise Model (INM), a sophisticated aircraft noise modeling program developed for the Federal Aviation Administration. Inputs to the program consist of aircraft types and performance data, flight paths, numbers of operations, and day/evening/night distribution of flights. The program calculates CNEL values at equally spaced grid points and produces CNEL contour lines at 1 dB intervals. The annual average CNEL values at each site were marked at the appropriate locations on the contour map and the locations of the 65 and 70 dB CNEL contours were determined in the vicinity of each measuring point. These points were then joined following the general shape of the computed contours.

The master contours used in developing the contours for this quarter are based on operations for the 12-month period from January 1, 2014 through December 31, 2014. These replaced the previous master set of CNEL Contours which were based on operations for the 12-month period from July 2008 through June 2009.

TABLE 1. CNEL VALUES FOR JULY 2019

RMS NUMBER																				
Date	1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	18	19	20	21	22
07/01/19	61.8	59.3	60.8	56.0	55.6	52.7	56.2	62.2	50.5	55.7	53.2	57.5	59.5	60.0	61.9	61.9	63.4	65.4	67.2	61.1
07/02/19	62.9	61.0	62.6	58.7	57.7	52.4	58.6	63.8	51.4	51.9	54.5	58.8		60.8	63.5	63.5	64.0	66.7	68.2	63.0
07/03/19	62.4	60.2	61.8	54.2	56.1	53.2	55.0	64.0	50.8	52.0	54.1	59.1	59.9	61.2	62.6	63.4	64.3	66.1	67.8	60.4
07/04/19	60.8	58.7	60.0	57.3	59.7	57.5	54.8	60.7	47.7	48.7	54.4	59.3	56.3	60.1	61.1	67.2	62.5	64.6	66.2	57.7
07/05/19	61.0	59.0	60.3	56.1	57.6	55.6	56.0	63.3	49.9	48.7	52.1	56.7	57.2	59.5	61.9	62.7	62.3	64.7	66.4	62.0
07/06/19	61.2	58.3	59.0	53.5	54.5	46.9	53.4	61.9	53.7	46.1	51.9	55.9	56.0	58.8	60.2	61.1	61.9	64.1	65.9	58.9
07/07/19	62.7	60.4	61.4	53.9	59.0	50.0	54.7	64.5	52.6	47.8	56.7	59.0	57.9	61.3	62.8	63.5	64.5	66.4	68.3	58.5
07/08/19	62.7	61.2	62.6	54.5	57.1	48.5	55.4	63.5	53.1	49.2	53.5	58.2	59.2	61.5	63.7	62.6	64.4	67.1	68.4	59.5
07/09/19	62.7	60.4	61.8	55.9	55.9	53.4	55.9	63.6	50.6	53.5	54.4	59.1	58.7	60.6	62.7	63.1	63.7	66.0	67.6	61.5
07/10/19	62.4	60.4	62.0	57.6	54.6	52.9	55.1	63.6	53.3	53.5	55.1	57.9	59.1	60.7	62.9	63.3	63.7	66.1	67.8	59.4
07/11/19	62.5	60.8	62.7	58.1	57.0	52.1	55.5	63.2	53.0	51.1	53.9	57.8	59.0	61.0	63.5	63.5	63.8	67.5	68.4	59.3
07/12/19	63.1	61.1	63.0	58.7	54.2	52.7	57.6	64.1	57.3	53.8	54.6	57.3	59.7	60.9	63.8	63.7	64.0	66.9	68.5	62.6
07/13/19	59.9	58.1	59.2	56.0	52.1	57.4	55.8	61.4	52.2	51.0	52.1	55.0	56.6	57.5	60.5	60.6	60.9	63.7	65.5	64.1
07/14/19	62.8	60.5	62.1	60.0	52.4	48.1	52.1	61.8	57.2	49.6	53.9	56.9	58.6	60.0	63.2	61.4	63.6	66.6	68.1	58.1
07/15/19	62.2	59.7	61.2	59.7	53.1	51.7	55.7	62.9	51.3	48.1	54.1	57.6	58.3	59.9	62.6	62.3	63.4	65.7	67.5	59.7
07/16/19	62.0	60.0	61.6	59.1	53.5	51.9	57.3	63.8	50.1	51.7	52.9	57.9	58.2	60.3	62.5	63.2	63.5	66.0	67.4	61.3
07/17/19	62.6	60.6	62.0	53.4	56.6	51.0	53.7	64.5	58.4	57.8	54.1	58.4	58.7	61.1	63.1	63.9	64.0	66.5	68.1	60.1
07/18/19	63.4	61.4	62.4	58.8	58.5	52.8	57.1	65.2	56.0	56.7	55.7	59.1	63.6	61.5	63.7	65.1	64.8	67.2	68.8	61.8
07/19/19	63.4	61.6	62.7	57.1	57.7	52.5	57.9	64.3	52.1	50.2	55.1	57.9	59.4	61.4	64.1	63.7	64.4	67.4	69.0	62.4
07/20/19	60.0	58.5	59.7	55.5	54.3	52.5	58.6	62.3	59.6	57.8	52.8	55.6	56.2	58.6	60.6	62.0	61.4	64.1	65.8	61.8
07/21/19	63.6	62.4	62.9	62.5	57.9	53.2	53.8	63.2	52.7	48.1	55.1	57.7	59.6	61.0	64.0	62.5	64.3	68.2	69.4	64.1
07/22/19	62.5	60.1	61.6	55.1	54.9	49.4	54.2	62.8	49.9	46.5	52.9	56.9	58.1	60.0	62.8	62.3	62.9	66.2	67.7	59.5
07/23/19	62.0	60.6	62.5	56.6	56.1	52.5	56.1	62.9	53.3	53.3	53.0	56.8	58.8	59.9	63.5	63.1	63.1	66.7	67.9	62.7
07/24/19	62.7	60.6	62.3	59.9	54.7	51.3	54.8	63.8	52.1	57.6	53.7	57.5	58.7	60.7	63.4	62.7	64.1	67.3	68.6	60.5
07/25/19	62.4	61.0	62.7	57.5	56.1	52.7	56.6	63.1	53.3	49.5	53.8	58.2	58.9	61.3	63.8	62.3	64.6	67.6	69.1	62.1
07/26/19	62.4	61.6	62.3	56.9	56.3	52.7	56.0	63.4	51.6	54.5	53.7	57.0	61.9	60.1	63.6	62.8	63.5	67.0	68.3	62.5
07/27/19	60.6	59.4	60.9	56.3	52.0	48.4	53.1	60.8	52.4	48.5	52.2	54.4	57.4	58.4	62.1	59.9	61.7	65.3	66.7	58.2
07/28/19	61.6	59.8	61.4	58.2	54.4	50.1	54.6	62.2	56.2	49.8	52.8	56.4	57.6	59.8	62.6	61.3	63.4	66.0	67.7	60.8
07/29/19	62.9	60.3	61.9	58.0	53.6	50.9	58.4	63.0	51.9	50.8	53.7	58.2	58.3	60.5	62.8	62.3	63.7	66.7	68.1	60.4
07/30/19	62.0	60.4	61.7	54.6	55.7	52.5	53.0	64.1	50.7	52.0	53.3	57.7	59.1	60.4	62.6	63.5	63.5	66.2	67.6	60.0
07/31/19	63.4	61.5	63.3	58.2	55.8	54.2	54.9	64.2	55.1	51.6	54.7	58.6	59.5	61.3	64.1	63.9	64.6	67.5	69.0	60.8
AVERAGE	62.3	60.4	61.8	57.6	56.1	52.7	55.9	63.3	53.8	52.8	53.9	57.7	59.0	60.4	62.9	63.1	63.6	66.4	67.9	61.1
NO. DAYS	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31

TABLE 2. CNEL VALUES FOR AUGUST 2019

RMS NUMBER

Date/Time	1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	18	19	20	21	22
08/01/19	62.5	61.2	62.9	56.0	55.1	53.0	57.2	63.8	54.8	51.4	54.9	57.7	59.3	61.0	64.1	63.2	64.2	67.6	68.8	62.9
08/02/19	62.7	60.7	62.0	58.2	54.7	51.3	54.7	63.8	51.6	52.4	54.0	57.1	59.0	60.3	63.1	63.1	63.7	66.8	68.3	60.0
08/03/19	59.7	58.3	59.5	53.1	54.5	49.5	51.9	60.1	50.5	47.1	51.3	54.4	55.8	57.5	60.5	59.5	60.6	64.1	65.4	56.9
08/04/19	61.8	60.2	61.5	59.1	57.5	50.7	55.3	61.8	51.2	49.2	52.8	55.9	58.0	59.5	62.5	61.3	62.9	66.3	67.7	61.0
08/05/19	61.5	59.9	61.4	58.0	55.3	50.5	54.2	62.7	49.5	48.7	52.9	56.2		59.3	62.4	61.9	63.0	66.1	67.4	58.6
08/06/19	62.4	60.6	61.5	60.4	55.0	54.0	55.8	63.1	50.5	49.4	53.5	57.9	58.6	60.7	62.5	62.2	63.6	66.2	67.6	61.6
08/07/19	63.0	61.1	62.2	59.1	55.2	54.3	57.4	63.8	51.8	50.6	54.2	58.0	59.4	61.1	63.8	63.2	64.0	67.0	68.3	63.3
08/08/19	62.6	61.1	62.8	58.1	54.4	50.3	55.2	63.9	52.5	47.9	54.4	57.8	59.3	60.4	63.8	63.4	64.1	67.3	68.6	60.9
08/09/19	63.0	61.6	63.0	58.4	60.4	54.9	59.9	63.4	53.8	51.9	54.6	58.2	59.5	61.5	64.7	62.6	64.5	68.0	69.1	65.4
08/10/19	60.3	58.8	60.1	52.7	54.6	49.6	55.5	60.8	49.1	48.0	51.8	55.5	56.5	58.8	61.2	60.0	61.9	64.6	65.9	60.1
08/11/19	61.5	60.1	61.8	56.7	55.3	53.3	53.5	62.3	51.5	49.9	52.8	56.9	58.1	60.5	63.0	61.8	63.4	66.2	67.7	58.8
08/12/19	62.3	60.0	61.3	59.1	55.1	52.6	57.0	62.4	58.2	47.4	53.3	57.3	58.2	60.2	62.3	61.8	63.4	66.3	67.7	61.2
08/13/19	61.8	59.4	60.4	56.3	55.3	55.1	55.8	63.0	57.8	59.2	55.2	58.5	58.6	59.8	61.7	62.7	63.0	65.7	67.1	61.9
08/14/19	62.2	60.4	61.2	57.2	55.8	53.8	57.3	62.5	51.8	55.1	54.1	56.6	58.3	59.0	62.6	62.1	62.6	66.5	67.7	60.8
08/15/19	62.3	60.1	61.4	57.4	54.2	51.6	56.9	62.8	54.1	48.2	54.2	57.5	57.8	59.7	62.7	62.5	63.2	66.4	67.7	63.7
08/16/19	63.3	61.6	62.6	59.8	55.0	52.6	57.2	63.9	54.7	50.2	53.4	57.7	60.0	61.1	64.0	62.6	64.2	67.7	68.9	61.4
08/17/19	59.5	57.7	58.7	50.9	53.5	48.2	54.7	60.2	50.6	56.1	51.3	55.6	55.1	58.3	60.1	59.2	61.1	63.6	64.9	59.0
08/18/19	62.3	61.0	62.4	55.7	56.2	52.0	58.0	62.1	54.0	49.6	53.3	57.4	59.0	60.8	63.6	61.5	64.1	67.0	68.5	63.5
08/19/19	62.6	61.2	62.6	56.9	55.6	54.0	58.5	62.4	52.5	50.1	53.4	57.0	59.1	60.6	63.6	61.5	63.9	66.9	68.3	63.1
08/20/19	62.1	60.3	61.5	54.8	55.4	52.9	57.2	62.9	50.9	52.2	53.7	57.4	58.0	60.0	62.7	62.4	63.3	66.3	67.6	62.9
08/21/19	62.7	60.4	61.8	57.4	57.9	55.4	56.4	63.5	53.2	52.9	53.9	58.6	58.0	61.0	63.0	62.9	63.8	66.5	67.9	63.5
08/22/19	63.1	61.1	62.6	57.9	57.3	53.1	57.7	63.9	54.4	52.5	54.9	58.8	58.9	61.8	63.7	63.0	64.6	67.1	68.6	63.2
08/23/19	63.5	61.2	62.6	59.0	57.4	51.8	56.4	64.8	55.1	55.2	54.7	58.6	58.9	61.6	63.8	63.9	64.8	67.2	68.9	62.3
08/24/19	59.7	58.5	60.0	53.3	53.7	49.7	52.6	60.0	50.7	45.3	52.0	54.4	57.5	58.1	61.4	58.9	61.2	65.0	66.5	58.8
08/25/19	62.0	60.5	61.8	58.1	56.0	48.8	51.4	62.3	55.6	52.6	53.5	56.7	58.0	59.8	63.3	61.3	63.3	66.8	68.4	57.2
08/26/19	61.3	59.5	60.7	55.7	54.4	49.9	53.0	61.9	48.9	51.5	52.1	56.6	58.8	59.4	62.0	60.9	62.8	65.5	67.2	60.8
08/27/19	62.5	60.3	61.4	58.3	55.8	53.0	55.9	63.3	50.2	46.2	54.3	57.9	57.7	60.3	62.5	62.8	63.5	66.2	67.8	59.9
08/28/19	61.9	60.1	61.5	55.4	55.8	53.4	56.4	63.8	51.9	50.4	53.7	57.6	57.7	60.3	62.6	63.2	63.2	66.0	67.5	62.4
08/29/19	62.6	61.5	63.5	57.0	55.5	53.5	56.7	63.3	51.6	56.6	53.9	56.7	59.6	60.4	64.6	62.9	63.6	67.6	68.8	61
08/30/19	61.9	60.6	62.2	58.0	59.0	55.4	56.6	63.8	56.0	49.5	53.2	56.9	58.5	60.3	63.4	62.9	63.9	66.8	68.3	60.8
08/31/19	59.1	57.4	58.5	50.5	49.6	49.9	54.3	59.7	51.1	55.3	50.4	54.3	54.6	56.8	59.7	59.0	59.8	63.1	64.5	59.3
AVERAGE	62.1	60.3	61.7	57.3	55.9	52.6	56.2	62.8	53.3	52.4	53.6	57.2	58.4	60.1	62.9	62.1	63.3	66.4	67.8	61.6
NO. DAYS	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31

TABLE 3. CNEL VALUES FOR SEPTEMBER 2019

Date	RMS NUMBER																					
	1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	18	19	20	21	22		
09/01/19	59.7	57.7	59.1	57.2	50.4	50.1	54.6	60.0	51.0	50.0	51.2	54.5	55.2	57.3	60.5	59.5	60.7	64.6	66.0	61.6		
09/02/19	61.5	59.7	61.1	55.2	54.7	47.0	53.6	63.0	51.4	51.8	52.9	56.9	57.3	59.8	62.4	62.2	63.2	66.2	67.7	59.1		
09/03/19	61.8	60.0	61.6	53.4	53.7	49.4	54.0	62.5	52.4	50.9	52.8	57.2	58.1	59.7	62.8	61.9	62.9	66.1	67.5	59.1		
09/04/19	61.0	59.3	60.9	54.0	54.4	53.4	55.2	62.7	47.7	62.2	52.2	56.5	57.1	59.5	62.0	61.9	62.3	65.7	66.9	60.6		
09/05/19	61.5	59.7	60.9	57.2	55.0	51.1	53.7	62.9	52.1	52.1	52.8	56.8	59.2	59.4	62.3	61.9	62.8	65.8	67.0	57.9		
09/06/19	61.9	60.0	61.6	52.9	55.8	49.5	54.3	63.1	49.4	51.1	52.8	56.6	58.9	59.7	62.9	63.0	62.9	66.1	67.5	59.8		
09/07/19	58.7	57.1	58.9	53.4	53.7	53.0	52.4	59.5	48.2	47.8	51.1	53.1	56.5	56.8	60.6	59.0	60.0	63.4	64.8	58.8		
09/08/19	62.5	59.8	61.2	56.5	55.2	49.6	56.5	62.6	50.4	46.5	53.1	57.9	57.2	60.3	62.1	61.3	63.3	65.7	67.3	61.6		
09/09/19	62.3	60.4	62.0	57.3	55.8	53.8	59.9	62.7	51.0	49.3	53.4	58.4	59.4	61.6	62.9	62.0	64.2	66.5	67.9	64.8		
09/10/19	62.1	60.3	61.8	57.6	57.4	51.5	52.7	63.4	48.7	52.0	53.7	59.2	59.7	61.0	62.7	62.7	64.0	66.5	67.6	56.3		
09/11/19	63.1	61.8	63.4	56.1	55.3	53.4	56.7	63.8	52.1	50.3	54.6	58.5	60.1	61.4	64.3	63.2	64.3	67.5	68.6	62.3		
09/12/19	63.5	62.2	64.3	57.4	55.4	51.9	57.6	64.1	58.9	54.4	55.0	57.7	60.9	61.1	65.4	63.4	64.6	68.3	69.7	63.3		
09/13/19	61.4	60.4	61.6	56.3	57.8	57.8	57.7	62.3	51.5	53.4	52.7	55.5	59.7	58.6	63.9	61.8	61.8	66.6	67.6	63.2		
09/14/19	58.6	58.6	58.7	51.9	52.2	50.8	53.1	59.6	44.3	41.5	50.2	53.5	55.7	56.3	59.7	58.6	59.7	63.3	64.5	58.5		
09/15/19	62.1	60.5	61.5	57.1	54.2	56.3	54.0	62.2	51.0	54.2	53.6	56.3	57.6	59.7	62.8	61.3	63.0	66.7	68.0	60.2		
09/16/19	62.5	60.6	61.7	57.1	55.9	55.9	56.6	63.2	52.9	54.6	54.8	58.0	57.9	60.3	62.5	63.2	63.5	66.2	67.5	60.7		
09/17/19	59.9	58.3	60.2	62.2	63.8	65.5	62.0	63.6	51.3	52.9	53.1	57.3	58.3	58.3	61.0	63.3	61.0	64.2	65.4	69.2		
09/18/19	62.1	60.6	61.8	59.9	62.1	62.7	60.4	63.7	50.1	52.4	54.0	57.9	58.7	60.5	62.7	62.9	63.4	66.1	67.2	65.8		
09/19/19	62.9	61.2	63.0	56.9	58.6	57.4	61.1	64.5	57.7	52.7	54.4	58.5	60.5	61.5	63.9	63.8	64.7	67.4	68.8	67.5		
09/20/19	63.0	61.6	62.7	55.6	56.9	55.0	56.2	63.7	52.1	51.4	54.7	58.0	60.3	60.8	64.0	62.9	64.1	67.4	68.5	59.4		
09/21/19	58.7	57.4	58.9	53.1	53.6	54.7	52.5	59.0	56.3	51.2	49.8	53.5	56.1	57.2	60.6	58.1	60.1	63.4	64.8	57.4		
09/22/19	62.0	59.8	61.4	57.1	55.9	52.7	51.7	62.5	55.5	50.6	53.1	56.9	57.3	59.4	62.4	61.5	62.7	66.3	67.4	56.7		
09/23/19	62.3	60.5	61.9	57.6	56.0	51.5	54.2	62.5	49.2	50.7	53.4	57.8	59.6	60.8	62.9	62.0	64.1	66.3	67.9	59.4		
09/24/19	62.4	60.2	62.2	56.9	56.4	54.8	58.1	62.6	51.5	53.0	55.0	57.3	58.4	59.9	62.8	61.9	63.1	66.0	67.4	63.4		
09/25/19	62.5	60.0	61.7	57.3	56.5	56.3	57.5	63.8	51.1	51.3	54.0	58.0	58.6	60.8	62.7	62.8	64.0	66.1	67.7	62.0		
09/26/19	63.8	62.4	63.7	56.4	58.2	49.0	50.1	64.3	53.8	51.6	55.1	58.7	60.1	62.0	65.0	63.4	65.2	68.2	69.6	55.4		
09/27/19	63.9	62.2	62.8	54.8	58.1	51.3	52.3	64.3	53.2	53.8	54.7	58.8	59.8	61.7	64.3	63.7	64.7	67.8	68.8	55.5		
09/28/19	60.3	58.4	59.2	55.3	58.6	47.6	46.5	60.5	47.6	49.5	51.9	56.1	58.7	58.6	60.2	59.3	61.5	64.0	65.4	54.2		
09/29/19	62.1	60.3	62.0	54.7	56.0	47.0	54.5	63.2	58.5	49.1	53.9	57.8	57.9	60.6	62.8	62.1	63.5	66.2	67.6	57.3		
09/30/19	62.0	60.9	62.8	52.0	54.9	51.1	55.5	61.7	50.7	51.9	53.9	57.8	60.1	60.7	63.6	60.8	63.8	66.9	67.9	59.7		
AVERAGE	61.9	60.3	61.7	56.6	57.0	55.8	56.4	62.8	53.0	53.0	53.5	57.3	58.7	60.1	62.8	62.1	63.2	66.2	67.5	62.0		
NO. DAYS	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
QTR. AVG.	62.1	60.3	61.7	57.1	56.3	53.9	56.1	62.9	53.3	52.7	53.6	57.3	58.6	60.2	62.8	62.4	63.3	66.3	67.7	61.5		
NO. DAYS	92	92	92	92	92	92	92	92	92	92	92	92	90	92	92	92	92	92	92	92		

TABLE 4. AVERAGE CNEL VALUES

Site No.	4th Quarter 2018	1st Quarter 2019	2nd Quarter 2019	3rd Quarter 2019	4 Quarter Average
1	61.8	61.9	62.4	62.1	62.0
2	59.5	59.7	60.5	60.3	60.0
3	61.0	60.8	61.8	61.7	61.3
4	57.9	59.1	57.7	57.1	58.0
5	58.9	60.1	58.3	56.3	58.6
6	58.0	59.6	56.5	53.9	57.5
7	55.9	58.1	57.1	56.1	56.9
9	62.2	62.0	63.2	62.9	62.6
10	53.0	54.2	54.1	53.3	53.7
11	52.1	53.6	53.3	52.7	52.7
12	55.5	54.5	54.5	53.6	54.6
13	57.4	57.9	58.1	57.3	57.7
14	57.7	57.6	58.6	58.6	58.2
15	59.8	60.0	60.5	60.2	60.1
16	62.8	62.6	63.4	62.8	62.9
18	61.5	61.3	62.5	62.4	62.0
19	62.5	62.9	63.6	63.3	63.1
20	65.6	65.5	66.2	66.3	65.9
21	66.9	66.5	67.7	67.7	67.2
22	60.9	63.3	62.1	61.5	62.0

**Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI
FLIGHTS FOR THE THIRD QUARTER 2019**

AIRCRAFT	SCHEDULE IN EFFECT FROM 7/1/2019 to 8/5/2019 36 DAYS									
	AS EMB175	AS B7379				AS A320	US CRJ9	AA A319		
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	28	21	13	13	21	14	7	14	7	7
EVENING	6	13	7	7	0	7	6	6	0	0
NIGHT	0	0	0	0	0	0	7	0	0	0
TOTAL	34	34	20	20	21	21	20	20	7	7

	SCHEDULE IN EFFECT FROM 7/1/2019 to 8/5/2019									
	AA B7378	WN B7377				WN B7378	UA A319	UA EMB175		
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	14	7	338	301	35	28	6	0	21	21
EVENING	0	7	76	113	6	13	0	6	0	0
NIGHT	0	0	0	0	0	0	0	0	0	0
TOTAL	14	14	414	414	41	41	6	6	21	21

	SCHEDULE IN EFFECT FROM 7/1/2019 to 8/5/2019									
	UA RJ	FE A300				UPS A300	DL E175	DL B7377		
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	35	28	2	7	3	4	27	20	7	7
EVENING	5	12	9	0	5	0	0	7	7	7
NIGHT	0	0	0	4	0	4	0	0	0	0
TOTAL	40	40	11	11	8	8	27	27	14	14

	SCHEDULE IN EFFECT FROM 7/1/2019 to 8/5/2019									
	B6 A320	C208				NKS A319	TOTALS			
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	6	13	14	14	14	14			598	533
EVENING	14	7	0	0	7	7			148	212
NIGHT	0	0	0	0	0	0			7	8
TOTAL	20	20	14	14	21	21			753	753

**Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI
FLIGHTS FOR THE THIRD QUARTER 2019**

AIRCRAFT	SCHEDULE IN EFFECT FROM 8/6/2019 to 8/14/2019									
	AS EMB175	AS B7379				AS A320	US CRJ9	9 DAYS AA A319		
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	28	21	13	13	21	14	7	14	7	7
EVENING	6	13	7	7	0	7	6	6	0	0
NIGHT	0	0	0	0	0	0	7	0	0	0
TOTAL	34	34	20	20	21	21	20	20	7	7

	SCHEDULE IN EFFECT FROM 8/6/2019 to 8/14/2019									
	AA B7378	WN B7377				WN B7378	UA A319	UA EMB175		
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	14	7	348	312	34	29	6	0	21	21
EVENING	0	7	72	108	6	11	0	6	0	0
NIGHT	0	0	0	0	0	0	0	0	0	0
TOTAL	14	14	420	420	40	40	6	6	21	21

	SCHEDULE IN EFFECT FROM 8/6/2019 to 8/14/2019									
	UA RJ	FE A300				UPS A300	DL E175	DL B7377		
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	35	28	2	7	3	4	27	20	7	7
EVENING	5	12	9	0	5	0	0	7	7	7
NIGHT	0	0	0	4	0	4	0	0	0	0
TOTAL	40	40	11	11	8	8	27	27	14	14

	SCHEDULE IN EFFECT FROM 8/6/2019 to 8/14/2019						TOTALS	
	B6 A320	C208		NKS A319		DEP	ARR	
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	6	13	14	14	14	14	607	545
EVENING	14	7	0	0	7	7	144	205
NIGHT	0	0	0	0	0	0	7	8
TOTAL	20	20	14	14	21	21	758	758

**Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI
FLIGHTS FOR THE THIRD QUARTER 2019**

AIRCRAFT	SCHEDULE IN EFFECT FROM				8/15/2019	to	8/26/2019	12 DAYS		
	AS EMB175	AS B7379		AS A320	AS A320	US CRJ9	AA A319	DEP	ARR	ARR
DAY	28	21	13	13	21	14	7	14	7	7
EVENING	6	13	7	7	0	7	6	6	0	0
NIGHT	0	0	0	0	0	0	7	0	0	0
TOTAL	34	34	20	20	21	21	20	20	7	7

	SCHEDULE IN EFFECT FROM				8/15/2019	to	8/26/2019			
	AA B7378	WN B7377		WN B7378	WN B7378	UA A319	UA EMB175	DEP	ARR	ARR
DAY	14	7	348	312	34	29	6	0	21	21
EVENING	0	7	72	108	6	11	0	6	0	0
NIGHT	0	0	0	0	0	0	0	0	0	0
TOTAL	14	14	420	420	40	40	6	6	21	21

	SCHEDULE IN EFFECT FROM				8/15/2019	to	8/26/2019			
	UA RJ	FE A300		UPS A300	UPS A300	DL E175	DL B7377	DEP	ARR	ARR
DAY	35	28	2	7	3	4	27	20	7	7
EVENING	5	12	9	0	5	0	0	7	7	7
NIGHT	0	0	0	4	0	4	0	0	0	0
TOTAL	40	40	11	11	8	8	27	27	14	14

	SCHEDULE IN EFFECT FROM				8/15/2019	to	8/26/2019	TOTALS	
	B6 A320	C208		NKS A319	NKS A319		DEP	ARR	
DAY	6	13	14	14	14	14	607	545	
EVENING	14	7	0	0	7	7	144	205	
NIGHT	0	0	0	0	0	0	7	8	
TOTAL	20	20	14	14	21	21	758	758	

**Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI
FLIGHTS FOR THE THIRD QUARTER 2019**

AIRCRAFT	SCHEDULE IN EFFECT FROM				8/27/2019	to	9/4/2019	9 DAYS		
	AS EMB175	AS B7379		AS A320	AS A320	US CRJ9	AA A319		DEP	ARR
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	14	14	7	14	27	20	7	14	7	7
EVENING	7	7	7	0	0	7	6	6	0	0
NIGHT	0	0	0	0	0	0	7	0	0	0
TOTAL	21	21	14	14	27	27	20	20	7	7

	SCHEDULE IN EFFECT FROM				8/27/2019	to	9/4/2019	UA EMB175		
	AA B7378	WN B7377		WN B7378	WN B7378	UA A319	UA A319		DEP	ARR
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	14	7	348	312	34	29	6	0	21	21
EVENING	0	7	72	108	6	11	0	6	0	0
NIGHT	0	0	0	0	0	0	0	0	0	0
TOTAL	14	14	420	420	40	40	6	6	21	21

	SCHEDULE IN EFFECT FROM				8/27/2019	to	9/4/2019	DL B7377		
	UA RJ	FE A300		UPS A300	UPS A300	DL E175	DL E175		DEP	ARR
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	35	28	2	7	3	4	27	20	7	7
EVENING	5	12	9	0	5	0	0	7	7	7
NIGHT	0	0	0	4	0	4	0	0	0	0
TOTAL	40	40	11	11	8	8	27	27	14	14

	SCHEDULE IN EFFECT FROM				8/27/2019	to	9/4/2019	TOTALS		
	B6 A320	C208		NKS A319	NKS A319		DEP	ARR	DEP	ARR
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	6	13	14	14	14	14	593	545	593	545
EVENING	14	7	0	0	7	7	145	192	145	192
NIGHT	0	0	0	0	0	0	7	8	7	8
TOTAL	20	20	14	14	21	21	745	745	745	745

**Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI
FLIGHTS FOR THE THIRD QUARTER 2019**

AIRCRAFT	SCHEDULE IN EFFECT FROM				9/5/2019		to		9/7/2019		3 DAYS	
	AS EMB175	AS B7379		AS A320		US CRJ9		AA A319				
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	14	14	7	14	27	20	7	14	7	7		
EVENING	7	7	7	0	0	7	6	6	0	0		
NIGHT	0	0	0	0	0	0	7	0	0	0		
TOTAL	21	21	14	14	27	27	20	20	7	7		
	SCHEDULE IN EFFECT FROM				9/5/2019		to		9/7/2019			
	AA B7378	WN B7377		WN B7378		UA A319		UA EMB175				
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	14	7	348	312	34	29	6	0	21	21		
EVENING	0	7	72	108	6	11	0	6	0	0		
NIGHT	0	0	0	0	0	0	0	0	0	0		
TOTAL	14	14	420	420	40	40	6	6	21	21		
	SCHEDULE IN EFFECT FROM				9/5/2019		to		9/7/2019			
	UA RJ	FE A300		UPS A300		DL E175		DL B7377				
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	35	28	2	7	3	4	27	20	7	7		
EVENING	5	12	9	0	5	0	0	7	7	7		
NIGHT	0	0	0	4	0	4	0	0	0	0		
TOTAL	40	40	11	11	8	8	27	27	14	14		
	SCHEDULE IN EFFECT FROM				9/5/2019		to		9/7/2019			
	B6 A320	C208		NKS A319						TOTALS		
	DEP	ARR	DEP	ARR	DEP	ARR			DEP	ARR		
DAY	12	9	14	14	14	14			599	541		
EVENING	4	7	0	0	7	7			135	192		
NIGHT	0	0	0	0	0	0			7	8		
TOTAL	16	16	14	14	21	21			741	741		

**Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI
FLIGHTS FOR THE THIRD QUARTER 2019**

AIRCRAFT	SCHEDULE IN EFFECT FROM				9/8/2019	to	9/30/2019	23 DAYS		
	AS EMB175	AS B7379		AS A320	AS A320	US CRJ9	AA A319		ARR	ARR
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	14	14	7	14	27	20	7	11	7	7
EVENING	7	7	7	0	0	7	4	7	0	0
NIGHT	0	0	0	0	0	0	7	0	0	0
TOTAL	21	21	14	14	27	27	18	18	7	7

	SCHEDULE IN EFFECT FROM				9/8/2019	to	9/30/2019	UA EMB175		
	AA B7378	WN B7377		WN B7378	WN B7378	UA A319	UA A319		DEP	ARR
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	13	7	348	312	34	29	14	8	1	1
EVENING	0	6	72	108	6	11	0	6	0	0
NIGHT	0	0	0	0	0	0	0	0	0	0
TOTAL	13	13	420	420	40	40	14	14	1	1

	SCHEDULE IN EFFECT FROM				9/8/2019	to	9/30/2019	DL B7377		
	UA RJ	FE A300		UPS A300	UPS A300	DL E175	DL E175		DEP	ARR
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY	18	12	2	7	3	4	34	27	7	7
EVENING	5	11	9	0	5	0	0	7	6	6
NIGHT	0	0	0	4	0	4	0	0	0	0
TOTAL	23	23	11	11	8	8	34	34	13	13

	SCHEDULE IN EFFECT FROM				9/8/2019	to	9/30/2019	TOTALS		
	B6 A320	C208		NKS A319	NKS A319	ARR	DEP	ARR	ARR	
	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	ARR	
DAY	12	9	14	14	14	14			576	517
EVENING	4	7	0	0	7	7			132	190
NIGHT	0	0	0	0	0	0			7	8
TOTAL	16	16	14	14	21	21			715	715

TABLE 5. (CONTINUED)

PERIOD TOTALS FOR
AIR CARRIERS AND COMMUTERS

AIR CARRIERS

	<u>DEP</u>	<u>ARR</u>
DAY	7179	6265
EVE	1503	2404
NIGHT	92	105
TOTAL	<u>8774</u>	<u>8774</u>

COMMUTERS

	<u>DEP</u>	<u>ARR</u>
DAY	730	730
EVE	313	313
NIGHT	0	0
TOTAL	<u>1043</u>	<u>1043</u>

AIR CARRIERS AND COMMUTERS

	<u>DEP</u>	<u>ARR</u>
DAY	7909	6995
EVE	1816	2717
NIGHT	92	105
TOTAL	<u>9817</u>	<u>9817</u>

VI. INCOMPATIBLE LAND USE

The contours shown in Figures 1 and 2 were digitized and overlaid on a digital land use map of the area around the Airport. The total areas enclosed by the 65 and 70 dB CNEL contours were 638.7 and 235.5 acres, respectively. The areas of incompatible land uses enclosed by the contours were then computed. The incompatible land use areas were 11.83 acres within the 65 dB contour of which 0.37 acres were also within the 70 dB contour.

It should be noted that the above incompatible land areas do not include the soundproofed schools in the vicinity of the Airport (the Luther Burbank Middle School, St. Patrick and Glenwood Schools). The above incompatible land use areas also do not include those residences to which the Airport has acquired avigation easements. Within the 65 dB contour, the Airport has acquired avigation easements, through its ongoing residential sound insulation program, to 368 parcels of land. Those 368 parcels total 55.60 acres. One of the 368 parcels is also located within the 70 dB contour. The Airport has acquired avigation easement to a number of parcels under California law pursuant to the Baker v. Burbank-Glendale-Pasadena Airport Authority line of legal decisions. It should be noted that only 7 parcels, however, totaling .89 acres, remain within the Airport's 65 dB CNEL contour. The Airport has a "Baker" easement for the 7 parcels but has not yet also obtained an easement in return for the parcels' participation in the Airport's sound insulation program.

It should be noted that the Airport Authority has made repeated attempts over the past several years to acoustically treat and obtain avigation easements at 79 single family residential parcels, totaling approximately 11.30 acres of the incompatible land use area within the 65 dB contour. Owners of these parcels have either refused to respond to notices regarding the sound insulation program, have withdrawn from the program, or own properties with major building code deficiencies that prevent them from participating.

The estimated numbers of incompatible residences are 95 within the 65 dB contour, of which 2 are also within the 70 dB contour. The estimated numbers of people residing within the 65 and 70 dB CNEL contours are 257 and 5, respectively.

REFERENCES

1. California Department of Transportation, Division of Aeronautics, "Noise Standards", California Code of Regulations, Title 21, Chapter 2.5, Subchapter 6.
2. L-30488, Department of Transportation, State of California, 27 June 1984.
3. "Quarterly Noise Monitoring at Hollywood Burbank Airport, Fourth Quarter 2018", AAAI Report 1533.
4. "Quarterly Noise Monitoring at Hollywood Burbank Airport, First Quarter 2019", AAAI Report 1550.
5. "Quarterly Noise Monitoring at Hollywood Burbank Airport, Second Quarter 2019", AAAI Report 1551.

APPENDIX A
NOISE MONITOR INSTRUMENTATION

APPENDIX A

NOISE MONITOR INSTRUMENTATION

The permanent noise monitor system, manufactured by Bruel & Kjaer, consists of 20 noise monitoring terminals (NMT) connected to a central site by DSL or wireless connections. The system block diagram showing the major elements is shown in Figure A-1. The electrical signal generated by the microphone/preamplifier assembly at each site is processed and saved locally in the B & K sound level meter. The signal is passed through an A-weighting filter and is then detected and converted to a digital level signal in decibels with a resolution of 0.1 dB.

The stored sound level data at each site is dumped once every 24-hour period via wireless or DSL connection to the central site. The data received by the central site are processed by the ANOMS computer software. According to preset parameters, the noise is separated into two categories--aircraft noise and community noise. Each event attributed to an aircraft is saved in a noise event file. Computations are made of hourly noise level, community noise equivalent level, runway use, and other parameters. A wide variety of data presentations is available by exercising a number of routines provided by B & K, as well as special-purpose routines that can be generated by the user.

The locations of the remote sites (shown in Figure 3) are listed by latitude and longitude in Table A-1.

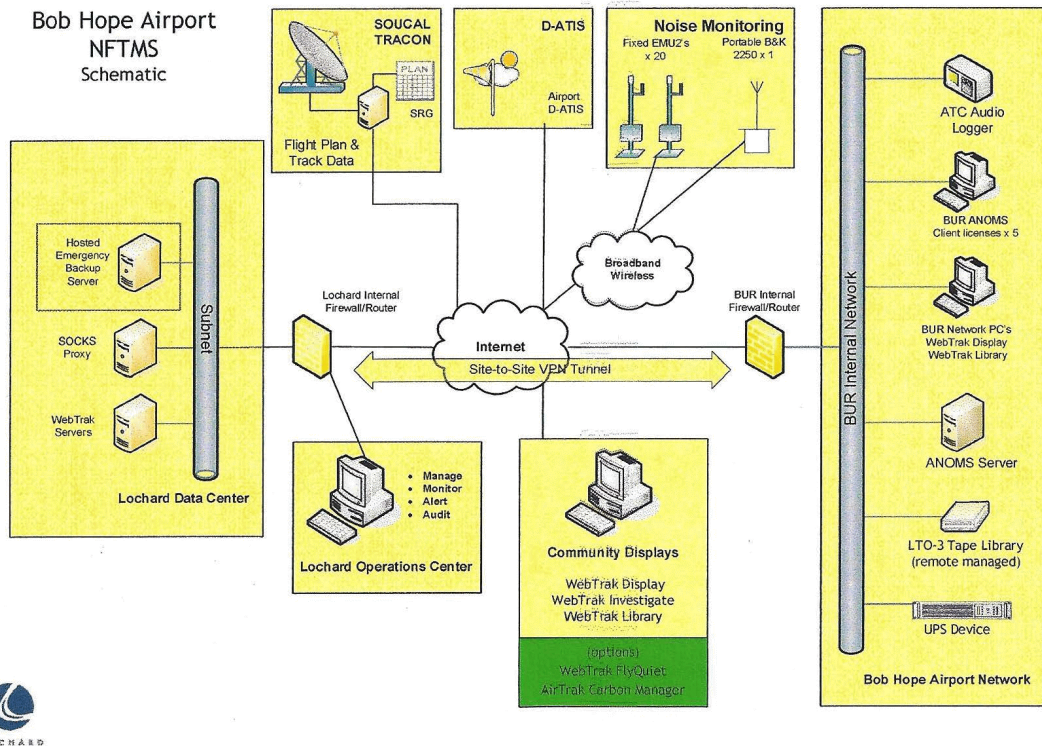


Figure A-1. Permanent Noise Monitor System Schematic

**TABLE A-1
NOISE MONITOR SITE LOCATIONS**

NMT	Latitude	Longitude
1	34.188424	-118.358983
2	34.184296	-118.347330
3	34.175731	-118.354197
4	34.212022	-118.364391
5	34.215261	-118.357381
6	34.220705	-118.365214
7	34.224979	-118.363989
9	34.198871	-118.398889
10	34.195336	-118.342392
11	34.197321	-118.340376
12	34.190175	-118.365404
13	34.181303	-118.345270
14	34.178786	-118.347134
15	34.173922	-118.363157
16	34.181185	-118.350949
18	34.196899	-118.389014
19	34.181277	-118.357866
20	34.188378	-118.351878
21	34.186700	-118.354939
22	34.217035	-118.361725

**APPENDIX B
CALIBRATION**

APPENDIX B CALIBRATION

The system was calibrated during setup using a Bruel and Kjaer acoustic calibrator. Acoustic calibrations are performed annually. Electrical calibrations are performed automatically four times per 24-hour day. Figure B-1 shows the calibration summary for January 2013 and Figure B-2 shows the detailed electrical calibration report for Noise Monitor Site 1.



Devices Report

RMT Calibration Results

Bob Hope Airport

Start Date: 04-Jan-2013

End Date: 31-Jan-2013

Monitor Location: 1 - 1, (Fixed)

Seven Day Period Commencing: Friday January 04, 2013

Calibrated with Sound Calibrator : Never

Number of Calibrations: 27

Average adjustment for this RMT over this period: 0.10 dB

Date Time	Expected Result	Value Measured	Calibration Error
04-Jan-2013 0:00	87.1	87.2	0.1
04-Jan-2013 6:00	87.1	87.2	0.1
04-Jan-2013 12:00	87.1	87.2	0.1
04-Jan-2013 18:00	87.1	87.2	0.1
05-Jan-2013 0:00	87.1	87.2	0.1
05-Jan-2013 6:00	87.1	87.2	0.1
05-Jan-2013 12:00	87.1	87.2	0.1
05-Jan-2013 18:00	87.1	87.2	0.1
06-Jan-2013 0:00	87.1	87.2	0.1
06-Jan-2013 6:00	87.1	87.2	0.1
06-Jan-2013 12:00	87.1	87.2	0.1
06-Jan-2013 18:00	87.1	87.2	0.1
07-Jan-2013 0:00	87.1	87.2	0.1
07-Jan-2013 6:00	87.1	87.2	0.1
07-Jan-2013 12:00	87.1	87.2	0.1
07-Jan-2013 18:00	87.1	87.2	0.1
08-Jan-2013 0:00	87.1	87.2	0.1
08-Jan-2013 6:00	87.1	87.2	0.1
08-Jan-2013 12:00	87.1	87.3	0.2
08-Jan-2013 18:00	87.1	87.2	0.1
09-Jan-2013 0:00	87.1	87.2	0.1
09-Jan-2013 6:00	87.1	87.2	0.1
09-Jan-2013 12:00	87.1	87.2	0.1
09-Jan-2013 18:00	87.1	87.2	0.1
10-Jan-2013 0:00	87.1	87.2	0.1
10-Jan-2013 6:00	87.1	87.2	0.1
10-Jan-2013 12:00	87.1	87.2	0.1



Devices Report

RMT Calibration Results

Bob Hope Airport

Start Date: 04-Jan-2013

End Date: 31-Jan-2013

Monitor Location		04-Jan-2013	11-Jan-2013	18-Jan-2013	25-Jan-2013
1	1	0.1	0.1	0.1	0.1
2	2	0.4	0.4	0.3	0.3
3	3	0.5	0.0	0.0	0.0
4	4	0.3	0.3	0.3	0.3
5	#5	0.2	0.2	0.2	0.2
6	6	0.0	0.0	0.0	0.0
7	7	0.3	0.3	0.3	0.3
9	9	0.2	0.2	0.2	0.2
10	10	0.2	0.2	0.2	0.2
11	11	0.6	0.0	0.0	0.0
12	12	0.3	0.3	0.3	0.3
13	13	0.0	0.0	0.0	0.0
14	14	0.0	0.0	0.0	0.0
15	15	0.0	0.0	0.0	0.0
16	16	0.4	0.4	0.4	0.4
18	18	0.0	0.0	0.1	0.1
19	19	0.0	0.0	0.0	0.0
20	20	0.1	0.0	0.1	0.1
21	21	0.0	0.0	0.0	0.0
22	22	0.0	0.0	0.0	0.0