

AAAI Report 1512 AAAI Project 88018

QUARTERLY NOISE MONITORING AT HOLLYWOOD BURBANK AIRPORT FIRST QUARTER 2017

Initial Release: May 2017

Revision A: September 2017

Prepared for:



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Prepared for:

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QUARTERLY NOISE MONITORING AT HOLLYWOOD BURBANK AIRPORT FIRST QUARTER 2017

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 boundary. The airport is required to provide, each quarter, an updated annual noise impact contour based on measurement data over the four preceding quarters.

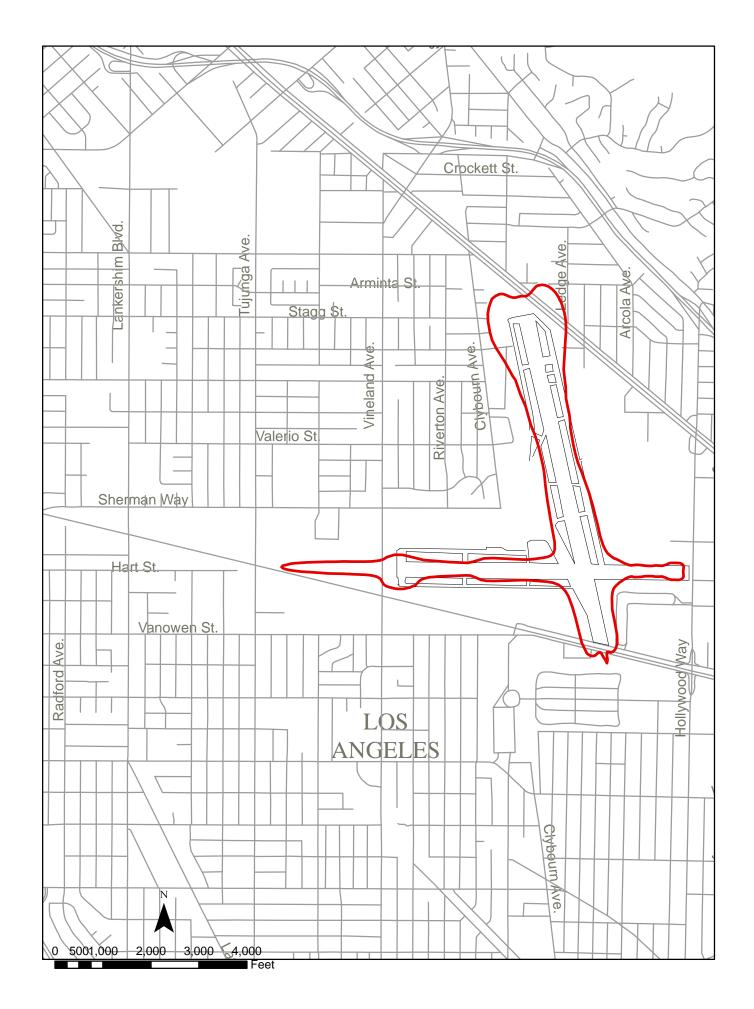
A permanent noise monitoring system became operational in April 1980 and, with brief interruption for system expansion, maintenance, and program changes, has been operational since that time. Of the original nine noise monitor sites, eight have remained unchanged since 1980. The monitor at site 8 was 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.

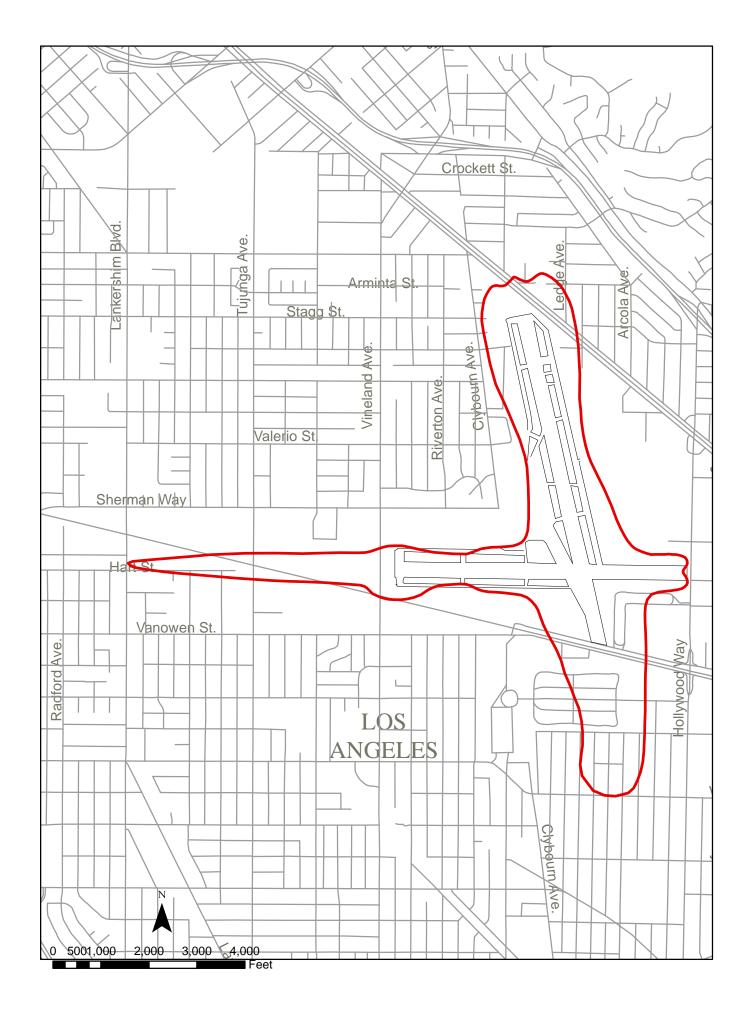
The Hollywood Burbank Airport Noise Monitoring System was modernized and augmented in late December 2012 by replacing the noise and flight track matching software, the noise monitoring hardware, and by adding sites 19, 20, 21, and 22 to allow closer monitoring to the current 65 dB CNEL contour. The old 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 first quarter of 2017. Noise impact boundaries for 65 dB and 70 dB are shown based on these measurements and measurements obtained during the second, third and fourth quarter 2016 reported in

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





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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.

II. NOISE MEASUREMENTS

A. Sites

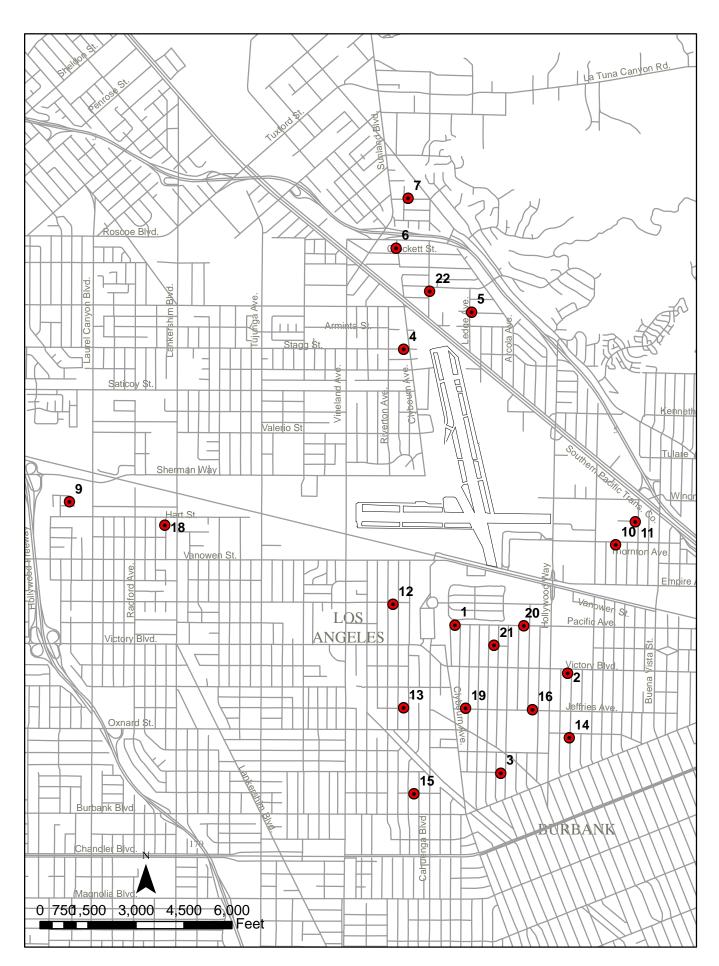
Aircraft noise levels were monitored at 15 locations prior to February, 1997. Two sites were added in February 1997, and equipment at one site west of the airport was moved to a new location. In July 2003, the monitor station at site 9 was moved 105 feet further west to accommodate new construction at 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 guarter 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 second 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 JANUARY 2017

RMS NUMBER

Date 1 2 3 4 5 6 7 9 10 11 12 13 14 15 16 18 19 20 21 22 01/01/17 61.6 57.3 58.4 54.8 54.3 45.9 52.1 61.9 53.7 49.1 53.4 58.7 55.6 58.7 59.1 61.4 61.4 62.9 64.8 56.1 01/02/17 63.7 60.1 61.3 57.1 58.4 42.2 48.7 62.8 55.1 56.5 55.9 60.5 57.9 61.0 62.4 62.4 64.0 66.0 67.8 54.0 01/03/17 64.3 61.2 63.0 59.0 57.9 51.2 56.7 62.0 54.9 51.7 58.1 60.5 59.8 61.8 64.7 61.3 64.4 67.5 69.1 61.3 01/04/17 63.0 59.3 60.6 57.0 53.2 48.3 48.7 62.6 52.1 50.9 55.1 59.4 57.4 60.7 61.6 62.9 63.8 65.2 67.1 55.9 01/05/17 64.4 60.5 61.8 59.2 57.9 47.2 47.7 64.2 55.3 53.5 55.7 60.3 58.1 60.8 62.9 63.7 63.9 66.4 68.1 51.2 01/06/17 62.4 60.3 61.1 52.4 54.6 55.1 58.9 62.8 54.9 51.8 55.3 59.0 57.8 60.0 62.3 62.6 63.1 65.7 67.0 64.2 01/07/17 61.2 57.6 58.1 48.9 51.3 42.2 46.3 59.1 54.9 52.9 54.5 59.3 55.0 57.5 59.9 58.5 61.4 63.7 65.5 51.4 01/08/17 60.7 58.3 58.8 58.9 57.1 51.1 52.4 61.6 51.1 46.4 52.2 57.2 55.9 58.1 60.1 61.4 61.3 63.4 65.3 56.2 01/09/17 63.7 60.9 61.8 57.8 55.2 50.2 48.3 62.4 53.7 53.1 55.3 59.5 58.0 61.5 62.8 61.9 64.3 66.5 68.1 57.3 01/10/17 63.5 60.7 61.3 57.9 54.1 49.4 49.9 62.9 55.7 52.2 55.9 60.1 58.1 61.2 62.4 62.6 64.2 66.0 67.7 53.0 01/11/17 64.0 61.6 62.3 59.9 56.5 49.1 49.9 63.2 55.8 51.4 55.5 60.2 59.0 61.5 63.4 62.7 64.8 67.0 68.6 56.0 01/12/17 65.4 61.0 61.8 61.2 57.2 51.4 49.4 64.5 55.1 53.3 56.3 60.1 58.5 61.1 63.4 64.1 64.4 66.5 68.3 53.0 01/13/17 62.5 60.7 61.9 56.2 55.3 51.3 49.4 63.2 54.9 54.7 56.4 58.2 57.9 60.9 63.0 62.8 64.2 66.3 68.0 56.6 01/14/17 57.7 56.0 57.9 58.7 57.6 56.7 52.7 56.5 52.7 49.6 51.9 54.4 54.3 56.8 60.6 57.6 59.6 62.1 64.3 58.1 01/15/17 60.8 58.2 59.3 59.8 58.3 53.7 54.8 61.4 47.8 48.5 53.6 57.2 55.7 58.9 60.5 60.6 61.8 63.6 65.4 62.0 01/16/17 62.3 60.1 61.5 58.0 60.8 54.2 57.1 61.1 52.5 52.9 54.9 58.6 57.6 60.7 62.8 60.7 63.7 66.0 67.8 61.8 01/17/17 62.0 60.3 60.8 57.3 59.0 56.5 59.6 60.2 55.2 54.9 55.3 58.0 58.0 59.0 62.5 60.2 62.4 65.5 66.8 63.9 01/18/17 62.3 59.1 60.0 56.9 55.2 49.3 52.7 64.4 53.8 53.6 56.1 58.3 57.0 60.2 61.3 63.9 63.3 64.6 66.7 58.6 01/19/17 63.2 61.2 61.7 57.1 56.6 51.3 50.9 63.5 54.4 53.7 54.7 58.5 58.9 60.1 63.9 63.5 63.4 66.2 67.7 54.7 01/20/17 71.0 60.9 61.7 60.3 59.4 57.5 56.6 63.5 55.5 55.5 55.9 58.8 58.7 60.0 63.7 63.4 63.2 65.9 67.2 62.1 01/21/17 60.2 57.9 59.1 57.1 57.3 58.4 56.9 57.9 55.9 56.2 54.8 56.3 55.6 56.8 59.8 58.4 59.5 63.1 64.4 65.3 01/22/17 76.3 59.3 59.1 61.2 58.4 43.8 47.4 63.5 52.7 49.4 55.6 60.4 56.0 60.0 59.6 63.0 62.9 64.6 66.6 48.1 01/23/17 62.9 61.2 61.6 56.4 57.5 57.8 55.6 62.4 56.6 55.3 57.2 57.9 58.9 59.9 63.7 62.0 63.2 65.7 66.9 60.3 01/24/17 61.8 59.4 60.6 54.7 55.1 51.9 52.7 62.1 51.4 49.8 55.8 58.8 57.1 60.0 61.5 62.0 62.9 64.9 66.5 59.0 01/25/17 61.1 58.9 60.4 53.2 55.0 54.5 54.8 61.7 53.9 52.8 56.8 65.1 56.8 58.9 60.9 61.6 61.7 64.6 65.8 60.8 01/26/17 62.2 59.6 60.7 59.2 57.5 57.2 59.5 60.7 52.3 53.4 57.0 56.8 57.4 59.2 62.5 61.3 62.6 65.2 66.7 65.0 01/27/17 59.1 55.3 57.5 61.0 60.9 62.5 59.1 58.4 52.6 51.5 55.5 53.8 54.7 55.2 62.4 57.9 58.0 62.0 63.6 65.2 01/28/17 57.6 55.3 56.7 57.0 55.4 51.2 49.2 56.1 52.9 55.4 52.5 53.2 52.9 55.2 58.7 56.1 58.0 61.2 62.8 57.0 01/29/17 59.1 56.8 57.9 59.3 58.5 50.0 55.0 60.3 49.9 53.8 52.2 54.4 54.1 57.1 59.2 59.0 60.0 62.7 64.4 58.6 01/30/17 59.5 57.5 58.7 63.6 67.3 50.2 53.0 58.7 51.8 52.1 53.1 55.9 55.3 58.5 60.0 58.2 61.1 63.7 66.0 58.0 01/31/17 62.5 59.5 59.5 58.2 58.7 54.5 60.0 61.1 54.4 51.1 55.1 59.0 56.4 60.0 61.0 60.9 62.7 65.0 66.3 64.4 AVERAGE 65.3 59.5 60.5 58.5 58.4 54.2 54.9 62.0 54.0 53.1 55.3 59.0 57.2 59.7 62.0 61.7 62.8 65.1 66.7 60.4

TABLE 2. CNEL VALUES FOR FEBRUARY 2017

RMS NUMBER

Date	1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	18	19	20	21	22
02/01/17	63.2	60.6	62.0	60.8	61.1	54.5	58.5	60.5	56.0	56.3	57.7	59.0	58.3	59.7	63.6	59.8	62.9	66.2	68.0	63.3
02/02/17	61.7	59.0	59.4	52.8	55.4	52.4	53.3	62.6	53.2	52.1	54.2	58.6	56.3	59.4	61.1	61.8	62.6	64.4	66.1	58.0
02/03/17	64.2	60.9	61.6	56.7	54.9	45.6	57.6	63.3	54.7	53.8	56.4	59.1	58.3	61.0	63.4	63.1	64.0	67.4	69.6	52.4
02/04/17	60.1	57.7	59.1	53.3	55.4	42.8	40.2	58.9	51.6	53.2	53.0	56.9	55.6	58.5	60.0	58.4	61.2	63.1	64.8	44.3
02/05/17	59.7	57.1	57.4	51.5	54.1	33.1	42.7	60.4	49.5	48.0	51.9	56.3	54.0	57.5	58.6	59.6	60.8	62.6	64.5	37.2
02/06/17	65.4	58.9	59.1	60.8	57.9	47.1	48.4	62.8	54.5	52.5	55.9	60.3	56.1	61.5	60.3	62.3	62.9	64.3	66.2	52.5
02/07/17	63.4	59.3	59.6	60.1	55.0	51.0	52.9	63.6	53.7	52.8	55.0	59.5	56.5	60.9	61.3	63.3	63.3	65.1	66.9	55.3
02/08/17	61.9	60.3	61.4	54.9	54.2	51.4	53.0	63.1	53.5	52.0	54.4	57.5	58.0	61.7	62.9	62.7	63.1	65.8	67.3	63.1
02/09/17	62.7	60.7	62.4	57.7	57.0	53.4	54.3	63.4	53.6	54.1	55.8	59.1	58.6	62.7	63.6	63.0	64.4	66.7	68.3	59.7
02/10/17	64.3	61.9	63.0	57.8	56.1	53.0	54.6	63.7	56.3	54.5	56.1	59.4	59.5	62.5	64.2	62.8	65.2	67.6	69.3	59.3
02/11/17	59.9	56.8	57.9	51.1	53.9	42.5	47.4	59.3	50.2	46.9	52.2	56.1	54.2	57.9	58.7	58.6	60.5	62.3	64.1	54.6
02/12/17	57.5	51.7	54.5	61.1	63.0	64.4	61.7	58.8	44.3	44.6	52.3	49.5	50.5	50.6	57.6	58.9	53.9	58.5	59.9	67.0
02/13/17									-	-		-					-			-
02/14/17																				
02/15/17																				
02/16/17	62.4	60.0	60.9	57.9	56.2	53.1	59.0	62.1	52.5	51.4	55.4	58.8	57.4	60.7	62.5	61.8	63.7	65.8	67.5	63.0
02/17/17	58.6	57.7	57.6	60.0	57.7	53.4	53.4	62.2	53.9	53.9	54.7	57.6	54.3	59.3	59.0	62.2	60.4	62.3	63.8	53.1
02/18/17																				
02/19/17								-	-	-	-						-			
02/20/17																				
02/21/17																				
02/22/17																				
02/23/17																				
02/24/17																				
02/25/17																				
02/26/17																				
02/27/17																				
02/28/17	63.1	59.9	61.2	58.6	59.6	60.1	58.7	60.3	52.7	55.2	55.3	58.2	57.9	59.5	63.5	59.6	62.3	65.9	67.0	65.3
AVERAGE	62.0	EO 4	60.0	57 G	57 O	56 O	EG 2	61 F	E2 4	E0 6	5 /	E0 0	E6 0	E0 0	61.0	61.0	62 F	64.0	66.6	61.6
NO. DAYS				28	28	28		28					28	28		28	28	28	28	28
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20

TABLE 3. CNEL VALUES FOR MARCH 2017

RMS NUMBER

Date 1 2 3 4 5 6 7 9 10 11 12 13 14 15 16 18 19 20 21 22 03/01/17 60.9 58.0 59.2 56.7 57.5 58.9 59.4 59.3 51.5 52.2 56.1 57.4 55.8 58.4 60.3 59.2 61.7 63.9 65.5 65.2 03/02/17 61.8 59.7 60.6 59.8 61.5 56.8 58.1 59.8 52.5 53.8 53.8 57.6 57.3 59.1 62.5 59.0 62.8 65.5 67.0 63.2 03/03/17 60.5 57.7 59.5 56.2 57.8 56.7 59.5 59.7 53.9 56.2 52.9 56.3 56.2 58.7 61.7 59.2 61.8 64.1 66.1 62.9 03/04/17 60.3 54.6 56.4 54.3 54.3 42.8 48.8 58.7 43.0 46.0 52.0 56.7 53.9 57.8 58.8 59.5 57.4 62.3 64.0 54.1 03/05/17 62.8 60.1 60.6 57.0 56.8 52.2 52.5 61.1 52.3 50.7 54.2 57.7 58.7 59.6 62.5 61.7 62.8 65.7 67.4 57.4 03/06/17 60.9 58.5 59.7 58.7 59.3 60.2 57.7 59.1 52.6 52.0 52.7 55.6 56.5 57.0 61.8 59.3 60.1 64.2 65.1 63.6 03/07/17 61.6 59.5 60.0 54.2 53.5 52.4 52.3 61.6 54.7 53.1 55.4 57.8 56.3 58.7 60.9 61.8 61.6 64.6 65.7 58.7 03/08/17 62.0 60.0 61.0 58.0 58.3 51.4 53.7 61.3 53.4 54.1 57.4 57.8 59.1 62.0 60.8 62.7 65.4 66.8 57.4 03/09/17 62.3 60.2 61.5 53.5 58.1 50.0 49.9 62.6 52.4 51.1 54.9 57.4 58.0 59.9 62.7 61.9 63.3 66.0 67.5 56.4 03/10/17 61.9 58.3 59.5 54.7 55.1 50.2 54.0 62.3 51.9 52.6 53.5 58.1 56.4 59.6 61.0 62.0 62.6 64.7 66.3 58.1 03/11/17 59.9 54.8 57.3 54.0 56.7 49.0 55.4 59.7 52.1 48.5 50.9 55.7 55.0 58.1 59.8 59.0 58.8 62.1 64.5 60.2 03/12/17 61.0 59.1 60.5 54.5 55.5 49.7 55.1 60.7 56.1 51.9 53.8 56.9 56.3 59.2 61.6 60.2 62.3 65.1 66.8 59.5 03/13/17 61.8 58.9 59.2 55.7 53.6 53.4 52.2 61.4 51.9 50.8 53.4 57.8 55.7 58.6 60.1 61.2 61.9 64.1 65.8 62.1 03/14/17 62.2 60.0 60.5 52.9 56.1 55.5 53.9 61.8 51.3 53.9 55.3 58.2 57.2 59.1 61.6 60.9 62.7 65.6 66.9 62.9 03/15/17 61.4 59.7 60.9 52.8 55.3 54.9 55.8 62.1 56.2 55.1 53.8 56.9 57.3 61.2 61.8 61.9 62.2 65.4 66.7 61.9 03/16/17 63.3 60.1 61.2 57.4 56.8 50.1 54.0 62.6 50.7 51.1 54.1 59.5 57.6 60.7 62.2 62.0 63.9 65.9 67.8 56.8 03/17/17 61.9 57.6 59.7 57.0 57.2 53.9 57.6 62.6 52.6 55.9 53.0 58.4 57.5 59.3 61.9 62.3 62.4 65.2 67.0 64.2 03/18/17 60.2 51.2 56.7 53.8 54.1 51.4 51.2 58.9 50.3 49.5 48.5 56.1 54.2 58.1 59.5 59.2 59.1 62.1 64.3 59.4 03/19/17 61.9 58.4 59.0 55.4 55.2 46.5 51.9 61.9 50.2 48.8 53.3 58.0 55.4 59.1 60.3 61.1 62.4 64.2 66.1 57.2 03/20/17 62.5 59.5 59.5 59.5 53.3 56.9 54.0 52.2 61.4 49.7 50.6 53.2 59.4 56.2 60.0 60.5 60.7 62.9 64.4 66.2 60.7 03/21/17 64.8 60.0 61.2 59.7 58.1 53.9 52.0 63.5 51.8 50.5 55.8 61.2 57.6 61.0 62.5 62.8 64.0 66.2 67.9 61.7 03/22/17 61.7 60.5 61.8 57.5 59.0 59.9 58.1 61.5 52.8 55.1 54.1 56.6 58.5 59.2 64.1 61.4 62.5 66.1 67.4 63.2 03/23/17 62.3 58.3 58.9 60.2 61.9 62.8 60.2 61.9 52.8 52.5 53.4 58.1 56.3 58.6 62.7 61.5 61.6 64.2 65.7 66.4 03/24/17 62.8 61.1 62.2 55.6 57.9 52.9 57.4 63.3 53.4 51.4 55.1 59.3 58.7 61.3 63.3 62.5 63.6 66.6 67.7 62.1 03/25/17 61.8 58.2 59.4 51.5 55.6 43.9 55.0 60.1 51.2 51.8 54.3 58.7 55.2 59.1 59.9 60.4 61.8 63.5 65.2 54.3 03/26/17 61.6 59.5 60.7 51.8 55.6 45.0 47.4 61.5 51.8 49.3 53.2 58.5 56.8 60.5 61.4 60.6 63.5 65.1 66.9 53.2 03/27/17 62.3 58.6 58.8 57.2 59.4 58.4 56.7 54.7 53.8 56.4 51.5 54.0 57.0 54.8 62.6 55.3 59.2 63.1 63.9 61.5 03/28/17 55.1 49.6 47.4 54.8 51.9 53.2 50.2 53.4 49.3 49.9 53.4 52.2 48.2 50.5 54.1 53.1 51.6 57.3 57.8 51.1 03/29/17 58.2 52.6 50.9 52.8 55.5 51.1 51.6 52.0 52.6 52.1 51.1 54.1 50.4 52.4 56.1 52.6 54.2 59.0 61.7 56.1 03/30/17 59.4 52.2 50.2 52.2 52.0 49.9 48.2 49.1 57.4 57.1 45.9 52.5 50.7 49.7 57.9 47.7 52.1 59.0 59.1 45.9 03/31/17 58.1 52.8 51.7 52.0 54.5 55.5 55.3 52.1 50.8 53.8 46.5 53.6 50.4 50.9 56.7 53.0 55.1 59.5 60.4 55.4 AVERAGE 61.6 58.5 59.5 56.0 57.1 55.2 55.4 60.7 52.8 52.9 53.5 57.4 56.3 58.8 61.2 60.4 61.7 64.4 65.9 60.9 31 31 31 QTR. AVG. 63.3 59.0 60.0 57.4 57.8 55.1 55.4 61.4 53.2 52.8 54.4 58.2 56.7 59.4 61.6 61.1 62.3 64.7 66.4 60.9

TABLE 4. AVERAGE CNEL VALUES

Site	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	4 Quarter
No.	2016	2016	2016	2017	Average
1	60.8	61.7	61.6	63.3	61.9
2	57.9	59.3	58.9	59.0	58.8
3	59.3	60.2	60.0	60.0	59.9
4	56.9	56.2	57.3	57.4	57.0
5	57.4	56.2	57.9	57.8	57.3
6	55.6	52.1	55.5	55.1	54.8
7	55.1	53.7	56.4	55.4	55.3
9	60.9	62.2	61.1	61.4	61.4
10	53.8	55.0	54.2	53.2	54.1
11	53.3	52.6	53.6	52.8	53.1
12	53.6	53.6	54.2	54.4	54.0
13	56.5	57.8	57.5	58.2	57.5
14	55.5	56.6	56.7	56.7	56.4
15	58.1	59.4	59.2	59.4	59.1
16	60.7	61.5	61.8	61.6	61.4
18	60.5	61.7	60.7	61.1	61.0
19	61.2	62.6	62.2	62.3	62.1
20	63.9	64.9	64.9	64.7	64.7
21	65.5	66.6	66.3	66.4	66.2
22	60.7	59.2	61.4	60.9	60.6

Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI FLIGHTS FOR THE FIRST QUARTER 2017

AIRCRAFT	AS EME		OULE IN AS B7	EFFECT	FROM AS CR	1/1/17	to AS CR.	1/5/17 I	5 DAYS	
DAY EVENING NIGHT	DEP 14 6 0	ARR 14 6 0	DEP 2 0 0	ARR 1 1 0	DEP 0 0 0	ARR 0 0 0	DEP 0 0 0	ARR 0 0 0	DEP 19 0	ARR 13 6 0
TOTAL	20	20	2	2	0	0	0	0	19	19
DAY EVENING NIGHT TOTAL	US A31 DEP 0 0 0	_	DULE IN US A32 DEP 0 0 0 0	EFFECT 20 ARR 0 0 0 0	FROM US B7: DEP 0 0 0	1/1/17 372 ARR 0 0 0	to US B73 DEP 0 0 0	1/5/17 73 ARR 0 0 0	US CR DEP 0 0 0	J ARR 0 0 0 0
DAY EVENING NIGHT TOTAL	US CRU DEP 0 0 0 0		OULE IN US CR DEP 21 0 7 28	EFFECT J9 ARR 21 7 0 28	FROM AA MD DEP 0 0 0 0	1/1/17 080 ARR 0 0 0	to WN B73 DEP 0 0 0	1/5/17 373 ARR 0 0 0	WN B7 DEP 13 0 0	375 ARR 7 6 0 13
DAY EVENING NIGHT TOTAL	WN B73 DEP 249 56 0 305		OULE IN WN B7 DEP 0 0 0 0	EFFECT '378 ARR 0 0 0	FROM UA A3: DEP 0 0 0 0	1/1/17 20 ARR 0 0 0	to UA A31 DEP 0 0 0	1/5/17 9 ARR 0 0 0	UA B7: DEP 0 0 0	375 ARR 0 0 0 0
DAY EVENING NIGHT TOTAL	UA B75 DEP 0 0 0	_	OULE IN UA RJ DEP 32 6 0 38	ARR 25 13 0 38	FROM UA CR DEP 2 0 0 2	1/1/17 RJ7 ARR 2 0 0	to FE A30 DEP 0 0 0	1/5/17 0 ARR 0 0 0	FE A3 ² DEP 2 9 0	ARR 7 0 4 11
DAY EVENING NIGHT TOTAL	UPS A3 DEP 3 5 0		OULE IN UPS B DEP 0 0 0 0	EFFECT 757 ARR 0 0 0	DL B75 DEP	1/1/17 52 ARR 0 0 0 0	to DL CR. DEP 13 0 0	1/5/17 ARR 13 0 0 13	DL CR DEP 7 0 0	J7 ARR 0 7 0 7
DAY EVENING NIGHT TOTAL	DL CRJ DEP 0 0 0		DULE IN B6 A32 DEP 0 7 0 7	EFFECT 20 ARR 0 7 0 7	FROM FW2 A DEP 0 0 0 0	1/1/17 .319 ARR 0 0 0 0	to	1/5/17	TOTAL DEP 377 89 7 473	ARR 328 137 8 473

Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI FLIGHTS FOR THE FIRST QUARTER 2017

AIRCRAFT DAY EVENING NIGHT TOTAL	AS EMI DEP 14 6 0 20		OULE IN I AS B73 DEP 2 0 0	EFFECT 377 ARR 1 1 0 2	FROM AS CR. DEP 0 0 0 0	1/6/17 J7 ARR 0 0 0	to AS CRJ DEP 0 0 0		41 DAY AS B73 DEP 19 0 0 19	
DAY EVENING NIGHT TOTAL	US A31 DEP 0 0 0	_	OULE IN I US A32 DEP 0 0 0 0	EFFECT 20 ARR 0 0 0 0	FROM US B73 DEP 0 0 0	1/6/17 372 ARR 0 0 0	to US B73 DEP 0 0 0	2/15/17 73 ARR 0 0 0	US CR. DEP 0 0 0	J ARR 0 0 0 0
DAY EVENING NIGHT TOTAL	US CR. DEP 0 0 0	_	US CR US CR DEP 21 0 7 28	EFFECT J9 ARR 21 7 0 28	FROM AA MD DEP 0 0 0 0	1/6/17 80 ARR 0 0 0	to WN B73 DEP 0 0 0	2/15/17 373 ARR 0 0 0	WN B73 DEP 13 0 0	375 ARR 7 6 0
DAY EVENING NIGHT TOTAL	WN B7: DEP 249 56 0 305	_	OULE IN I WN B7 DEP 0 0 0 0	EFFECT 378 ARR 0 0 0 0	FROM UA A32 DEP 0 0 0	1/6/17 20 ARR 0 0 0	to UA A31 DEP 0 0 0	2/15/17 9 ARR 0 0 0	UA B73 DEP 0 0 0	575 ARR 0 0 0 0
DAY EVENING NIGHT TOTAL	UA B75 DEP 0 0 0	_	OULE IN I UA RJ DEP 32 6 0 38	ARR 25 13 0 38	FROM UA CR DEP 2 0 0	1/6/17 J7 ARR 2 0 0	to FE A300 DEP 0 0 0	2/15/17 0 ARR 0 0 0 0	FE A31 DEP 2 9 0	0 ARR 7 0 4 11
DAY EVENING NIGHT TOTAL	UPS A3 DEP 3 5 0		DULE IN I UPS B DEP 0 0 0	EFFECT 757 ARR 0 0 0 0	FROM DL B75 DEP 0 0 0	1/6/17 52 ARR 0 0 0	to DL CRJ DEP 13 0 0	2/15/17 ARR 13 0 0 13	DL CRJ DEP 7 0 0	J7 ARR 0 7 0 7
DAY EVENING NIGHT TOTAL	DL CR. DEP 0 0 0		DULE IN I B6 A32 DEP 0 7 0 7	EFFECT 0 ARR 0 7 0 7	FROM FW2 A DEP 0 0 0 0	1/6/17 319 ARR 0 0 0	to	2/15/17	TOTAL DEP 377 89 7 473	S ARR 328 137 8 473

Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI FLIGHTS FOR THE FIRST QUARTER 2017

AUDODAET	40 5145	-	ULE IN E	_	_	2/16/17		2/17/17	2 DAYS	
AIRCRAFT	AS EME DEP	ARR	AS B73	ARR	AS CRJ DEP	/ ARR	AS CRJ DEP	ARR	AS B737 DEP	ARR
DAY EVENING	14 6	14 6	2	1 1	0	0	0	0	19 0	13 6
NIGHT	0	0	0	0	0	0	0	0	0	0
TOTAL	20	20	_		0	0	0	0	19	19
	US A31	-	ULE IN E	_	FROM US B73	2/16/17 72	to US B73	2/17/17 73	US CRJ	
DAY	DEP 0	ARR 0	DEP 0	ARR 0	DEP 0	ARR 0	DEP 0	ARR 0	DEP 0	ARR 0
EVENING	0	0	0	0	0	0	0	0	0	0
NIGHT TOTAL	0	0 0	0 0	0 0	0	0 0	0	0	0	0 0
		SCHED	ULE IN E	FEECT F	-ROM	2/16/17	to	2/17/17		
	US CRJ	7	US CRJ	9	AA MD8	30	WN B73	73	WN B73	-
DAY	DEP 0	ARR 0	DEP 21	ARR 21	DEP 0	ARR 0	DEP 0	ARR 0	DEP 13	ARR 12
EVENING NIGHT	0	0	0 7	7 0	0	0	0	0	0	1 0
TOTAL	0	0	28	28	0	0	0	0	13	13
			ULE IN E			2/16/17		2/17/17		
	WN B73 DEP	377 ARR	WN B73 DEP	378 ARR	UA A32 DEP	0 ARR	UA A319 DEP	9 ARR	UA B73° DEP	75 ARR
DAY EVENING	249 56	221 84	0	0	6 0	0 6	6 0	6 0	0	0
NIGHT	0	0	0	0	0	0	0	0	0	0
TOTAL	305	305	0	0	6	6	6	6	0	0
	UA B75	-	ULE IN E UA RJ	FFECT F	FROM UA CRJ	2/16/17 17	to FE A300	2/17/17	FE A310)
DAY	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY EVENING	0 0	0 0	18 6	18 6	2 0	2 0	0 0	0	2 9	7 0
NIGHT TOTAL	0	0	0 24	0 24	0 2	0 2	0	0	0 11	4 11
		SCHED	ULE IN E	FEECT F	-ROM	2/16/17	to	2/17/17		
	UPS A3	00	UPS B7	57	DL B752	2	DL CRJ		DL CRJ	
DAY	DEP 3	ARR 4	DEP 0	ARR 0	DEP 0	ARR 0	DEP 13	ARR 13	DEP 7	ARR 0
EVENING NIGHT	5 0	0 4	0	0	0	0	0	0	0	7 0
TOTAL	8	8	0	Ö	0	0	13	13	7	7
			ULE IN E			2/16/17	to	2/17/17		_
	DL CRJ	9 ARR	B6 A320 DEP) ARR	FW2 A3 DEP	319 ARR			TOTALS DEP	S ARR
DAY	0	0	0	0	0	0			375	332
EVENING NIGHT	0 0	0 0	7 0	7 0	0 0	0 0			89 7	131 8
TOTAL	0	0	7	7	0	0			471	471

Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI FLIGHTS FOR THE FIRST QUARTER 2017

AUDODAET	40 EME	-	ULE IN E	_	-	2/18/17		3/9/17	2 DAYS	
AIRCRAFT	AS EME	ARR	AS B73	ARR	AS CRJ DEP	ARR	AS CRJ DEP	ARR	AS B73	ARR
DAY EVENING	14 6	14 6	2	1 1	0 0	0 0	0 0	0	19 0	13 6
NIGHT TOTAL	0 20	0 20	0 2	0 2	0	0	0	0	0 19	0 19
			- ULE IN E		-	2/18/17		3/9/17	. •	
	US A31	9	US A32	0	US B73	72	US B73	73	US CRJ	
DAY	DEP 0	ARR 0	DEP 0	ARR 0	DEP 0	ARR 0	DEP 0	ARR 0	DEP 0	ARR 0
EVENING NIGHT	0 0	0 0	0	0	0 0	0	0	0	0	0 0
TOTAL	0	0	0	0	0	0	0	0	0	0
	US CRJ	-	ULE IN E	_	FROM AA MD8	2/18/17	to WN B73	3/9/17	WN B73	275
D.4.)	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR	DEP	ARR
DAY EVENING	0 0	0 0	20 0	21 6	0 0	0 0	0 0	0	13 0	12 1
NIGHT TOTAL	0	0	7 27	0 27	0 0	0	0	0	0 13	0 13
		SCHED	ULE IN E	FFFCT F	FROM	2/18/17	to	3/9/17		
	WN B73 DEP		WN B73		UA A32 DEP		UA A319		UA B73	75 ARR
DAY	249	221	0	0	6	0	6	6	0	0
EVENING NIGHT	56 0	84 0	0 0	0 0	0 0	6 0	0 0	0	0	0 0
TOTAL	305	305	0	0	6	6	6	6	0	0
	UA B75	-	ULE IN E UA RJ	FFECT F	FROM UA CRJ	2/18/17 I7	to FE A300	3/9/17	FE A310)
DAY	DEP	ARR 0	DEP 18	ARR 18	DEP 2	ARR 2	DEP 0	ARR 0	DEP 2	ARR 7
EVENING	0	0	6	6	0	0	0	0	9	0
NIGHT TOTAL	0 0	0 0	0 24	0 24	0 2	0 2	0 0	0	0 11	4 11
		SCHED	ULE IN E	FFECT F	FROM	2/18/17	to	3/9/17		
	UPS A3 DEP	00 ARR	UPS B7 DEP	57 ARR	DL B752 DEP	2 ARR	DL CRJ DEP	ARR	DL CRJ DEP	7 ARR
DAY	3	4	0	0	0	0	13	13	7	0
EVENING NIGHT	5 0	0	0	0	0	0	0	0	0	7 0
TOTAL	8	8	0	0	0	0	13	13	7	7
	DL CRJ		ULE IN E B6 A320		FROM FW2 A3	2/18/17 319	to	3/9/17	TOTALS	3
DAV	DEP	ARR	DEP	ARR	DEP	ARR			DEP	ARR
DAY EVENING	0	0	0 7	0 7	0	0			374 89	332 130
NIGHT TOTAL	0 0	0 0	0 7	0 7	0 0	0 0			7 470	8 470

Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI FLIGHTS FOR THE FIRST QUARTER 2017

AIRCRAFT DAY EVENING NIGHT TOTAL	AS EME DEP 14 6 0 20		OULE IN E AS B73 DEP 2 0 0		FROM AS CRJ DEP 0 0 0	3/10/17 I7 ARR 0 0 0 0	to AS CRJ DEP 0 0 0		2 DAYS AS B73 DEP 19 0 0	
DAY EVENING NIGHT TOTAL	US A31 DEP 0 0 0	_	DULE IN E US A32 DEP 0 0 0	_	FROM US B73 DEP 0 0 0	3/10/17 72 ARR 0 0 0	to US B73 DEP 0 0 0	3/11/17 73 ARR 0 0 0	US CRJ DEP 0 0 0	ARR 0 0 0 0
DAY EVENING NIGHT TOTAL	US CR. DEP 0 0 0	_	OULE IN E US CR. DEP 20 0 7 27		FROM AA MD8 DEP 0 0 0 0	3/10/17 30 ARR 0 0 0	to WN B73 DEP 0 0 0	3/11/17 73 ARR 0 0 0 0	WN B73 DEP 13 0 0	375 ARR 12 1 0 13
DAY EVENING NIGHT TOTAL	WN B73 DEP 276 67 0 343		OULE IN E WN B75 DEP 0 0 0 0		FROM UA A32 DEP 6 0 0	3/10/17 0 ARR 0 6 0	to UA A319 DEP 6 0 0	3/11/17 9 ARR 6 0 0 6	UA B73 DEP 0 0 0	75 ARR 0 0 0 0
DAY EVENING NIGHT TOTAL	UA B75 DEP 0 0 0	_	OULE IN E UA RJ DEP 18 6 0 24	ARR 18 6 0 24	FROM UA CR. DEP 2 0 0 2	3/10/17 J7 ARR 2 0 0	to FE A300 DEP 0 0 0	3/11/17) ARR 0 0 0 0	FE A310 DEP 2 9 0	0 ARR 7 0 4 11
DAY EVENING NIGHT TOTAL	UPS A3 DEP 3 5 0	_	OULE IN E UPS B7 DEP 0 0 0	_	DL B75 DEP	3/10/17 2 ARR 0 0 0 0	to DL CRJ DEP 13 0 0	3/11/17 ARR 13 0 0 13	DL CRJ DEP 7 0 0	7 ARR 0 7 0 7
DAY EVENING NIGHT TOTAL	DL CRJ DEP 0 0 0		DULE IN E B6 A32 DEP 0 7 0 7		FROM FW2 A3 DEP 0 0 0	3/10/17 319 ARR 0 0 0	to	3/11/17	TOTALS DEP 401 100 7 508	S ARR 369 131 8 508

Table 5. WEEKLY SCHEDULED AIR CARRIER AND AIR TAXI FLIGHTS FOR THE FIRST QUARTER 2017

AIRCRAFT DAY EVENING NIGHT TOTAL	AS EM DEP 28 14 0 42	_	DULE IN AS B73 DEP 0 0 0 0	EFFECT 377 ARR 0 0 0 0	FROM AS CR DEP 0 0 0 0	3/12/17 J7 ARR 0 0 0	to AS CRJ DEP 0 0 0	3/31/17 ARR 0 0 0 0	20.00 AS B73 DEP 21 0 0 21	DAYS 178 ARR 21 0 0 21
DAY EVENING NIGHT TOTAL	US A3 ⁻ DEP 0 0 0	_	DULE IN US A3: DEP 0 0 0 0	EFFECT 20 ARR 0 0 0 0	FROM US B7: DEP 0 0 0	3/12/17 372 ARR 0 0 0 0	to US B73 DEP 0 0 0	3/31/17 73 ARR 0 0 0 0	US CR. DEP 0 0 0	J ARR 0 0 0 0
DAY EVENING NIGHT TOTAL	US CR DEP 0 0 0	_	DULE IN US CR DEP 20 0 7 27	EFFECT J9 ARR 21 6 0 27	FROM AA MD DEP 0 0 0 0	3/12/17 80 ARR 0 0 0	to WN B73 DEP 0 0 0	3/31/17 373 ARR 0 0 0	WN B7 DEP 13 0 0	375 ARR 12 1 0 13
DAY EVENING NIGHT TOTAL	WN B7 DEP 276 67 0 343	_	DULE IN WN B7 DEP 0 0 0 0	EFFECT '378 ARR 0 0 0 0	FROM UA A3: DEP 6 0 0 6	3/12/17 20 ARR 0 6 0 6	to UA A31 DEP 6 0 0	3/31/17 9 ARR 6 0 0 6	UA B73 DEP 0 0 0	875 ARR 0 0 0
DAY EVENING NIGHT TOTAL	UA B75 DEP 0 0 0		DULE IN UA RJ DEP 18 6 0 24	EFFECT ARR 18 6 0 24	FROM UA CR DEP 2 0 0	3/12/17 J7 ARR 2 0 0	to FE A30 DEP 0 0 0	3/31/17 0 ARR 0 0 0 0	FE A31 DEP 2 9 0 11	0 ARR 7 0 4 11
DAY EVENING NIGHT TOTAL	UPS ADEP 3 5 0		OULE IN UPS B DEP 0 0 0	EFFECT 757 ARR 0 0 0 0	FROM DL B75 DEP 0 0 0 0	3/12/17 52 ARR 0 0 0 0	to DL CRJ DEP 13 0 0	3/31/17 ARR 13 0 0 13	DL CR. DEP 7 0 0	J7 ARR 0 7 0 7
DAY EVENING NIGHT TOTAL	DL CR. DEP 0 0 0		DULE IN B6 A32 DEP 0 7 0 7	EFFECT 20 ARR 0 7 0 7	FROM FW2 A DEP 0 0 0	3/12/17 319 ARR 0 0 0	to	3/31/17	TOTAL DEP 415 108 7 530	S ARR 397 125 8 530

TABLE 5. (CONTINUED)

FIRST QUARTER 2017

PERIOD TOTALS FOR AIR CARRIERS AND AIR TAXIS

AIR CARRIERS				
	<u>DEP</u>	<u>ARR</u>		
DAY	4662	4264		
EVE	1202	1497		
NIGHT	0	103		
TOTAL	5864	5864		

AIR TAXIS		
	<u>DEP</u>	<u>ARR</u>
DAY	780	740
EVE	77	207
NIGHT	90	0
TOTAL	947	947

AIR CARRIERS AND AIR TAXIS

<u>DEP</u>	<u>ARR</u>
5442	5004
1279	1704
90	103
6811	6811
	5442 1279 90

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 560.7 and 235.6 acres, respectively. The areas of incompatible land uses enclosed by the contours were then computed. The incompatible land use areas were 7.41 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 167 parcels of land. Those 167 parcels total 23.89 acres. One of the 167 parcels is also located within the 70 dB contour. Within the 65 dB contour, the Airport has also acquired avigation easements, under the Court of Appeal decision in Baker v. Burbank-Glendale-Pasadena Airport Authority, 220 Cal. App. 3d 1602 (1990), to 56 parcels of land. For 48 of the 56 parcels, the Authority has acquired avigation easements both through Baker and through its ongoing sound insulation program. Those 48 parcels are included in the total number of sound insulation program avigation easements set forth above. The 7 remaining Baker easement parcels total 0.89 acres.

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 52 single family residential parcels, totaling approximately 7.41 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 55 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 149 and 5, respectively.

REFERENCES

- 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.
- "Quarterly Noise Monitoring at Burbank Airport, Second Quarter 2016",
 AAAI Report 1491.
- "Quarterly Noise Monitoring at Bob Hope Airport, Third Quarter 2016",
 AAAI Report 1492.
- "Quarterly Noise Monitoring at Burbank Airport, Fourth Quarter 2016",
 AAAI Report 1493.

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.

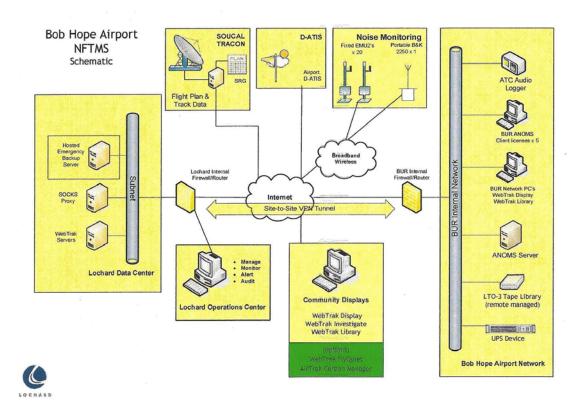


Figure A-1. Permanent Noise Monitor System Schematic

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	1.0
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

15-May-2013 Page 1 of 8



Devices Report

RMT Calibration Results

Bob Hope Airport

Start Date: 04-Jan-2013

End Date: 31-Jan-2013

М	onitor 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

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