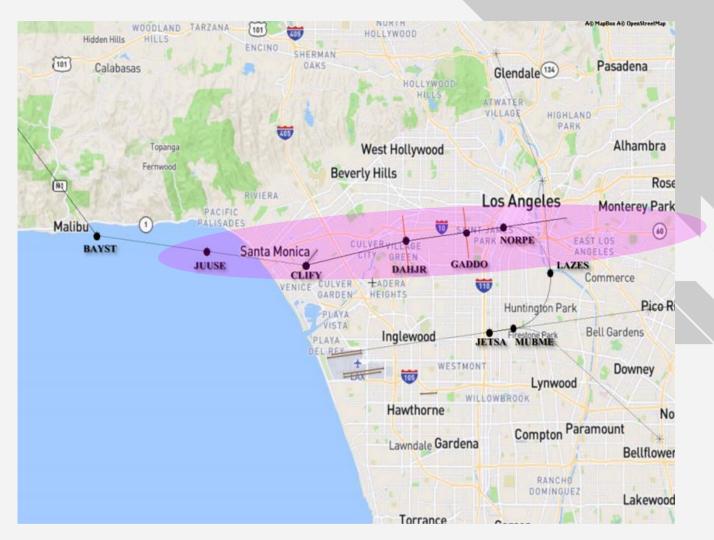


# LAX Metroplex / Wide Area Ad Hoc Committee

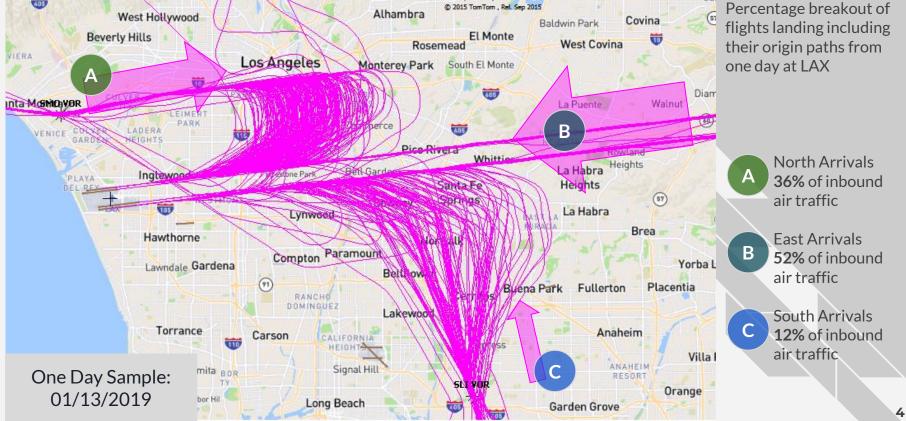
LAX Community Noise Roundtable September 2019 North Downwind Arrival Flight Paths
LAX and Other Airports
DAHJR Flight Data - 24 hours
DAHJR - 0100 to 0500 hours
GADDO Flight Data - 24 hours



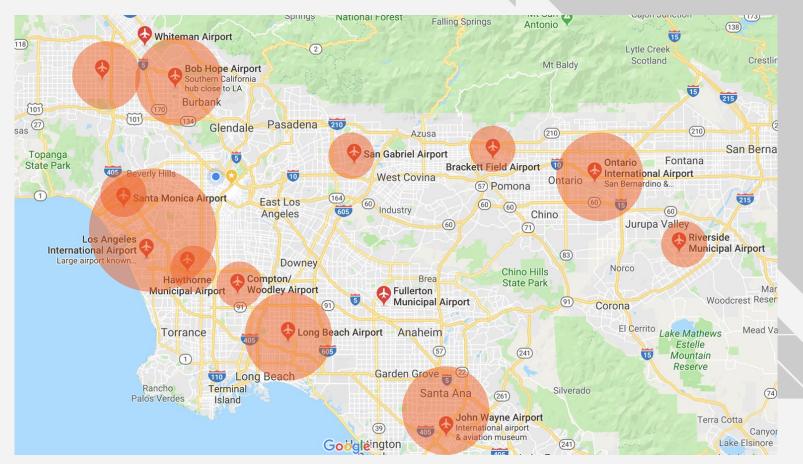
# 1. North Downwind Arrival Flight Paths

Area in **pink** affected by North Downwind Arrival and has been studied more extensively in prior and current initiatives undertaken by the Metroplex Ad Hoc Committee of the LAX Community Noise Roundtable

# 1. North Downwind Arrival Flight Paths -Merges



LAX and Other Airports 2.



### 6000 Foot Alt +/- 300 at DAHJR - 24 hours 3.

### **ANOMS Gate Penetration - DAHJR**

### September 1-30, 2018

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	<mark>% of</mark>	of Ops At or Above Altitudes			
>6300	797	8.4%						
6000-6299	2456	25.8%						
5700-5999	2837	29.8%	64.1%					
5500-5699	1268	13.3%	35.9%					
5000-5499	1606	16.9%					94.3%	
4500-4999	429	4.5%						
4000-4499	79	0.8%				99.6%		
3500-3999	25	0.3%	i.					
3000-3499	8	0.1%			100.0%			
2500-2999	2	0.0%						
<2500	0	0.0%	1	100.0%				
Grand Total	9507	100%						

### ANOMS Gate Penetration - DAHJR

### October 1-31, 2018

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	% of Ops At or Above Alt			
>6300	591	6.4%				-		
6000-6299	2193	23.8%						
5700-5999	2673	29.0%	59.2%					
5500-5699	1203	13.1%	40.8%					
5000-5499	1774	19.3%					91.5%	
4500-4999	598	6.5%						
4000-4499	145	1.6%				99.6%		
3500-3999	27	0.3%						
3000-3499	7	0.1%			100.0%			
2500-2999	1	0.0%						
<2500	1	0.0%		100.0%				
Grand Total	9213	100%	2	0	40°			

\*Data source: LAX ANOMS

### **ANOMS Gate Penetration - DAHJR**

December 1-31, 2018

or A	Above Altit	tudes	Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or A	Above Alti	tudes
			>6300	711	8.3%					
			6000-6299	2061	24.2%	1				
			5700-5999	2429	28.5%	61.0%				
			5500-5699	1072	12.6%	39.0%				
		91.6%	5000-5499	1572	18.4%					92.0
			4500-4999	488	5.7%					
	99.4%		4000-4499	142	1.7%	1			99.4%	
		2	3500-3999	35	0.4%	1				
0%			3000-3499	15	0.2%	1		99.9%		
			2500-2999	5	0.1%					
			<2500	0	0.0%		100.0%			
		-	Grand Total	8530	100%					

### November 1-30, 2018

Prepared by: LAWA Noise Management

**ANOMS Gate Penetration - DAHJR** 

\*Data source: LAX ANOMS

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or	Ops At or Above Altitudes			
>6300	727	8.2%							
6000-6299	2124	23.9%	]						
5700-5999	2463	27.7%	59.8%						
5500-5699	1169	13.2%	40.2%						
5000-5499	1660	18.7%					91.6%		
4500-4999	517	5.8%							
4000-4499	173	1.9%				99.4%			
3500-3999	37	0.4%							
3000-3499	11	0.1%			100.0%				
2500-2999	4	0.0%							
<2500	0	0.0%		100.0%					
Grand Total	8885	100%							

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

Prepared by: LAWA Noise Management \*Data source: LAX ANOMS

92.0%

### 3. 6000 Foot Alt +/- 300 at DAHJR - 24 hours

#### **ANOMS Gate Penetration - DAHJR**

#### January 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	f Ops At or Above Altitudes				
>6300	552	7.6%							
6000-6299	1636	22.5%							
5700-5999	1958	26.9%	56.9%						
5500-5699	979	13.4%	43.1%						
5000-5499	1423	19.5%					89.9%		
4500-4999	522	7.2%							
4000-4499	156	2.1%				99.2%			
3500-3999	50	0.7%							
3000-3499	10	0.1%			100.0%				
2500-2999	1	0.0%							
<2500	0	0.0%		100.0%					
Grand Total	7287	100%							

#### Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

#### **ANOMS Gate Penetration - DAHJR**

#### March 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	% of Ops At or Above Altitudes				
>6300	713	8.0%							
6000-6299	2220	24.9%							
5700-5999	2595	29.1%	62.0%						
5500-5699	1113	12.5%	38.0%						
5000-5499	1574	17.7%					92.1%		
4500-4999	524	5.9%							
4000-4499	136	1.5%				99.5%			
3500-3999	33	0.4%							
3000-3499	7	0.1%			100.0%				
2500-2999	1	0.0%			_				
<2500	0	0.0%		100.0%					
Grand Total	8916	100%							

### Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

### **ANOMS Gate Penetration - DAHJR**

### February 1-28, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	of Ops At or Above Altitude			
>6300	765	9.9%						
6000-6299	1996	25.9%						
5700-5999	2214	28.7%	64.6%					
5500-5699	968	12.6%	35.4%					
5000-5499	1251	16.2%					93.4%	
4500-4999	368	4.8%						
4000-4499	98	1.3%				99.4%		
3500-3999	34	0.4%						
3000-3499	8	0.1%	1		99.9%			
2500-2999	4	0.1%						
<2500	0	0.0%		100.0%				
Grand Total	7706	100%						

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

#### ANOMS Gate Penetration - DAHJR

April 1-30, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	2	of Ops At or a	Above Altitud	les
>6300	679	7.5%					
6000-6299	2368	26.1%	1				
5700-5999	2677	29.5%	63.1%				
5500-5699	1155	12.7%	36.9%				
5000-5499	1566	17.3%	]				93.2%
4500-4999	463	5.1%	]				
4000-4499	120	1.3%				99.6%	
3500-3999	27	0.3%					
3000-3499	6	0.1%			100.0%		
2500-2999	3	0.0%					
<2500	1	0.0%		100.0%			
Grand Total	9065	100%					

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

### 3. 6000 Foot Alt +/- 300 at DAHJR - 24 hours

### **ANOMS Gate Penetration - DAHJR**

### May 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or	Above Altit	udes
>6300	660	7.1%					
6000-6299	2381	25.7%					
5700-5999	2669	28.9%	61.7%				
5500-5699	1209	13.1%	38.3%				
5000-5499	1630	17.6%	]				92.4%
4500-4999	517	5.6%					
4000-4499	141	1.5%				99.5%	
3500-3999	29	0.3%					
3000-3499	10	0.1%	1		99.9%		
2500-2999	4	0.0%					
<2500	1	0.0%		100.0%			
Grand Total	9251	100%					

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

#### **ANOMS Gate Penetration - DAHJR**

### July 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of Ops At or Above Altitudes				
>6300	784	7.9%						
6000-6299	2699	27.3%						
5700-5999	3129	31.6%	66.8%					
5500-5699	1313	13.3%	33.2%					
5000-5499	1508	15.2%					95.4%	
4500-4999	359	3.6%						
4000-4499	75	0.8%				99.7%		
3500-3999	21	0.2%						
3000-3499	4	0.0%			100.0%			
2500-2999	0	0.0%				-		
<2500	0	0.0%	1	100.0%				
Grand Total	9892	100%						

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

### ANOMS Gate Penetration - DAHJR

### June 1-30, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	f Ops At or Above Altitudes				
>6300	642	6.8%							
6000-6299	2759	29.2%							
5700-5999	2985	31.6%	67.6%						
5500-5699	1138	12.1%	32.4%						
5000-5499	1398	14.8%	1				94.5%		
4500-4999	420	4.4%							
4000-4499	74	0.8%	1			, 99.7%			
3500-3999	14	0.1%							
3000-3499	9	0.1%			100.0%				
2500-2999	1	0.0%							
<2500	0	0.0%		100.0%					
Grand Total	9440	100%							

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

### **ANOMS Gate Penetration - DAHJR**

August 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	% of Ops At or Above Altitudes				
>6300	698	7.1%							
6000-6299	2627	26.9%							
5700-5999	3108	31.8%	65.8%						
5500-5699	1275	13.0%	34.2%						
5000-5499	1551	15.9%					94.7%		
4500-4999	417	4.3%							
4000-4499	88	0.9%				99.8%			
3500-3999	14	0.1%							
3000-3499	1	0.0%			100.0%				
2500-2999	0	0.0%							
<2500	1	0.0%		100.0%					
Grand Total	9780	100%							

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

# 3. 6000 Foot Alt +/- 300 at DAHJR - 24 hours

ANOMS Gate Penetration - DAHJR September 1-30, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	of Ops At or Above Altitudes			
>6300	675	7.7%						
6000-6299	2178	25.0%						
5700-5999	2570	29.5%	62.2%					
5500-5699	1129	12.9%	37.8%					
5000-5499	1574	18.0%					93.1%	
4500-4999	465	5.3%						
4000-4499	95	1.1%				99.6%		
3500-3999	29	0.3%	1					
3000-3499	8	0.1%	1		100.0%			
2500-2999	1	0.0%						
<2500	0	0.0%		100.0%				
	8724	100%						

			Time o	f Night			
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height
>6000	15	5	2	5	14	36	77
5750-6000	18	2	1	7	7	10	45
5500-5749	6	1	1	2	1	7	18
5250-5499	2	1	2	2	0	4	11
5000-5249	5	0	2	2	1	4	14
4750-4999	1	1	0	0	0	0	2
<4750	1	1	0	0	2	2	6
Total of All Flights	48	11	8	18	25	63	173
		1 to 5	Total	1	.9		

Oct 2018 19 flights

		Time of Night								
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height			
>6000	24	13	11	9	58	72	187			
5750-6000	13	4	3	0	9	19	48			
5500-5749	6	0	1	1	2	6	16			
5250-5499	3	2	1	1	2	8	17			
5000-5249	2	1	1	1	1	3	9			
4750-4999	3	0	0	0	0	0	3			
<4750	6	1	0	0	2	6	15			
Total of All Flights	57	21	17	12	74	114	295			
		1 to 5	Total	1	.7					

Nov 2018 17 flights

-			Time o	f Night			
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height
>6000	27	10	8	6	28	48	127
5750-6000	13	1	2	1	15	32	64
5500-5749	11	1	0	1	7	10	30
5250-5499	6	0	2	0	8	3	19
5000-5249	6	0	1	0	3	4	14
4750-4999	0	0	0	0	1	2	3
<4750	2	0	0	1	0	3	6
<b>Total of All Flights</b>	65	12	13	9	62	102	263
		1 to 5	Total	2	5		

Dec 2018 25 flights

-		Time of Night							
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height		
>6000	10	6	6	4	3	13	42		
5750-6000	6	2	0	0	5	6	19		
5500-5749	9	0	1	1	2	3	16		
5250-5499	2	0	1	0	3	4	10		
5000-5249	2	0	0	1	0	0	3		
4750-4999	1	0	0	1	0	1	3		
<4750	2	0	0	2	0	1	5		
Total of All Flights	32	8	8	9	13	28	98		
5	<u>.</u>	1 to 5 Total			12				

Jan 2019 12 flights

			Time o	f Night			
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height
>6000	10	4	3	1	7	9	34
5750-6000	5	0	0	4	1	2	12
5500-5749	3	0	0	0	3	2	8
5250-5499	2	1	0	0	1	0	4
5000-5249	1	0	0	1	0	2	4
4750-4999	24	6	11	2	26	40	109
<4750	1	0	0	0	0	3	4
<b>Total of All Flights</b>	46	11	14	8	38	58	175
		1 to 5	Total	5	1		

Feb 2019 51 flights

		Time of Night								
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height			
>6000	15	5	2	4	10	11	47			
5750-6000	38	12	2	17	45	52	166			
5500-5749	7	0	0	0	3	0	10			
5250-5499	1	0	1	0	3	5	10			
5000-5249	1	0	0	0	2	3	6			
4750-4999	1	1	0	0	1	0	3			
<4750	2	0	0	0	1	0	3			
<b>Total of All Flights</b>	65	18	5	21	65	71	245			
		1 to 5	Total	1	2					

Mar 2019 12 flights

			Time o	f Night			
Altitude MSL (ft)	12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height
>6000	26	20	10	22	58	56	192
5750-6000	23	3	2	7	6	25	66
5500-5749	5	2	0	1	1	3	12
5250-5499	1	0	0	0	0	1	2
5000-5249	1	0	0	0	1	2	4
4750-4999	0	0	0	0	0	0	0
<4750	2	0	1	0	0	0	3
Total of All Flights	58	25	13	30	66	87	279
		1 to 5	Total		5		

Apr 2019 6 flights

			Time of I	Vight			
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height
>6000	41	10	5	15	47	49	167
5750-6000	17	5	0	1	15	17	55
5500-5749	6	2	0	1	1	2	12
5250-5499	2	0	0	0	1	0	3
5000-5249	6	0	0	0	0	2	8
4750-4999	2	0	0	0	0	1	3
<4750	4	0	0	1	0	0	5
Total of All Flights	78	17	5	18	64	71	253
		1 to 5	Total	(	5		

May 2019 6 flights

			Time of I	Night			
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height
>6000	44	5	3	19	63	91	225
5750-6000	21	5	2	5	15	31	79
5500-5749	11	0	0	2	1	3	17
5250-5499	4	0	0	0	0	2	6
5000-5249	4	0	0	1	0	0	5
4750-4999	4	1	0	0	0	1	6
<4750	4	1	0	1	1	1	8
Total of All Flights	92	12	5	28	80	129	346
		1 to 5	Total	1	B		

Jun 2019 8 flights

			Time of I	Night			
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height
>6000	56	8	7	15	39	55	180
5750-6000	29	1	2	3	14	25	74
5500-5749	9	0	1	0	2	1	13
5250-5499	3	0	0	0	0	2	5
5000-5249	3	0	0	0	0	1	4
4750-4999	1	0	0	0	0	0	1
<4750	2	0	0	0	0	0	2
Total of All Flights	103	9	10	18	55	84	279
		1 to 5	Total	3	3		

Jul 2019 3 flights

			Time of I	Night			
Altitude MSL (ft)	12:00 to 12:59 AM	1:00 to 1:59 AM	2:00 to 2:59 AM	3:00 to 3:59 AM	4:00 to 4:59 AM	5:00 to 5:59 AM	Totals by Height
>6000	35	3	13	9	43	61	164
5750-6000	26	4	1	0	15	22	68
5500-5749	9	4	1	0	0	1	15
5250-5499	2	0	0	0	0	2	4
5000-5249	5	0	1	0	0	0	6
4750-4999	2	0	0	0	0	1	3
<4750	1	0	0	0	0	1	2
Total of All Flights	80	11	16	9	58	88	262
		1 to 5	Total	(	5		

Aug 2019 6 flights

6000 Foot Alt +/- 300 at GADDO - 24 hours 5.

### ANOMS Gate Penetration - GADDO September 1-30, 2018

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or	tudes	
>6300	55	1%					
6000-6299	227	2%					
5700-5999	526	6%	8.5%				
5500-5699	462	5%	91.5%				
5000-5499	2454	26%					39.2%
4500-4999	2841	30%					
4000-4499	1784	19%				88.0%	
3500-3999	790	8%					
3000-3499	264	3%			99.1%		
2500-2999	84	1%					
<2500	5	0%		100.0%			
Grand Total	9492	100%					

### ANOMS Gate Penetration - GADDO October 1-31, 2018

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of (	Ops At or Above Altitude			
>6300	47	0.5%						
6000-6299	151	1.6%						
5700-5999	448	4.9%	7.0%					
5500-5699	389	4.2%	93.0%					
5000-5499	2166	23.5%					34.8%	
4500-4999	2633	28.6%						
4000-4499	1888	20.5%				83.9%		
3500-3999	948	10.3%						
3000-3499	419	4.6%			98.8%			
2500-2999	107	1.2%						
<2500	5	0.1%		100.0%				
Grand Total	9201	100%						

### ANOMS Gate Penetration - GADDO December 1-31, 2018

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or a	udes	
>6300	43	0.5%					
6000-6299	163	1.9%					
5700-5999	438	5.1%	7.6%				
5500-5699	415	4.9%	92.4%				
5000-5499	1937	22.8%					35.2%
4500-4999	2380	28.0%	1				
4000-4499	1696	19.9%				83.1%	
3500-3999	907	10.7%	1				
3000-3499	408	4.8%	1		98.5%		
2500-2999	121	1.4%					
<2500	6	0.1%		100.0%			
Grand Total	8514	100%					

### **ANOMS Gate Penetration - GADDO**

### November 1-30, 2018

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or	udes	
>6300	67	0.8%					
6000-6299	184	2.1%					
5700-5999	459	5.2%	8.0%				
5500-5699	372	4.2%	92.0%				
5000-5499	2053	23.1%					35.3%
4500-4999	2581	29.1%					
4000-4499	1744	19.7%				84.1%	
3500-3999	907	10.2%					
3000-3499	359	4.0%			98.4%		
2500-2999	142	1.6%					
<2500	4	0.0%		100.0%			
Grand Total	8872	100%			đ		

6000 Foot Alt +/- 300 at GADDO - 24 hours 5.

#### **ANOMS Gate Penetration - GADDO**

January 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or	tudes	
>6300	41	0.6%					
6000-6299	120	1.6%					
5700-5999	335	4.6%	6.8%				
5500-5699	320	4.4%	93.2%				
5000-5499	1572	21.6%					32.8%
4500-4999	1992	27.4%					
4000-4499	1577	21.7%				81.9%	
3500-3999	799	11.0%					
3000-3499	375	5.2%			98.0%		
2500-2999	138	1.9%					
<2500	5	0.1%		100.0%			
Grand Total	7274	100%					

### ANOMS Gate Penetration - GADDO February 1-28, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or Above Altitude			
>6300	66	0.9%						
6000-6299	156	2.0%						
5700-5999	437	5.7%	8.6%					
5500-5699	440	5.7%	91.4%					
5000-5499	1984	25.8%					40.1%	
4500-4999	2145	27.9%						
4000-4499	1387	18.0%				86.0%		
3500-3999	676	8.8%						
3000-3499	314	4.1%			98.8%			
2500-2999	83	1.1%						
<2500	7	0.1%		100.0%				
Grand Total	7695	100%	-					

### **ANOMS Gate Penetration - GADDO**

### March 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or Above Altitudes			
>6300	52	0.6%						
6000-6299	154	1.7%						
5700-5999	397	4.5%	6.8%					
5500-5699	413	4.6%	93.2%					
5000-5499	2259	25.4%					36.8%	
4500-4999	2531	28.4%						
4000-4499	1739	19.5%				84.7%		
3500-3999	873	9.8%						
3000-3499	375	4.2%			98.7%			
2500-2999	107	1.2%						
<2500	7	0.1%		100.0%				
Grand Total	8907	100%						

#### **ANOMS Gate Penetration - GADDO**

April 1-30, 2019

			% of Ops Between Altitudes	9	of Ops At or	of Ops At or Above Altitudes				
Altitude MSL (ft)	Count of Ops*	% of Ops								
>6300	50	0.6%	-							
6000-6299	162	1.8%								
5700-5999	490	5.4%	7.8%							
5500-5699	435	4.8%	92.2%							
5000-5499	2357	26.0%					38.6%			
4500-4999	2629	29.0%								
4000-4499	1686	18.6%				86.2%				
3500-3999	778	8.6%								
3000-3499	358	4.0%			98.8%					
2500-2999	108	1.2%								
<2500	3	0.0%		100.0%						
Grand Total	9056	100%								

6000 Foot Alt +/- 300 at GADDO - 24 hours

### ANOMS Gate Penetration - GADDO

### May 1-31, 2019

5

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or Above Altitudes				
>6300	52	0.6%							
6000-6299	162	1.8%							
5700-5999	477	5.2%	7.5%						
5500-5699	463	5.0%	92.5%						
5000-5499	2306	25.0%					37.4%		
4500-4999	2752	29.8%							
4000-4499	1703	18.4%				85.7%			
3500-3999	820	8.9%							
3000-3499	350	3.8%			98.3%				
2500-2999	143	1.5%				-			
<2500	11	0.1%		100.0%					
Grand Total	9239	100%							

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

### **ANOMS Gate Penetration - GADDO**

### July 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or Above Altitudes					
>6300	43	0.4%								
6000-6299	159	1.6%								
5700-5999	536	5.4%	7.5%							
5500-5699	511	5.2%	92.5%							
5000-5499	2886	29.2%					41.8%			
4500-4999	3051	30.8%								
4000-4499	1741	17.6%				90.3%				
3500-3999	678	6.9%								
3000-3499	231	2.3%			99.4%					
2500-2999	55	0.6%								
<2500	0	0.0%		100.0%						
Grand Total	9891	100%			-					

\*Data source: LAX ANOMS

### **ANOMS Gate Penetration - GADDO**

### June 1-30, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or Above Altitude				
>6300	41	0.4%							
6000-6299	186	2.0%							
5700-5999	522	5.5%	7.9%						
5500-5699	457	4.8%	92.1%						
5000-5499	2734	29.0%	]				41.8%		
4500-4999	2832	30.0%							
4000-4499	1651	17.5%	]			89.3%			
3500-3999	698	7.4%							
3000-3499	238	2.5%			, 99.2%				
2500-2999	73	0.8%							
<2500	5	0.1%		100.0%					
Grand Total	9437	100%							

Prepared by: LAWA Noise Management

\*Data source: LAX ANOMS

### **ANOMS Gate Penetration - GADDO**

### August 1-31, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of	Ops At or Above Altitudes				
>6300	37	0.4%							
6000-6299	154	1.6%							
5700-5999	471	4.8%	6.8%						
5500-5699	472	4.8%	93.2%						
5000-5499	2731	27.9%					39.5%		
4500-4999	3086	31.6%							
4000-4499	1782	18.2%				89.4%			
3500-3999	737	7.5%							
3000-3499	252	2.6%			99.5%				
2500-2999	49	0.5%							
<2500	2	0.0%		100.0%					
Grand Total	9773	100%							

Prepared by: LAWA Noise Management

repared by DAWA Noise Managem

\*Data source: LAX ANOMS

### 5. 6000 Foot Alt +/- 300 at GADDO - 24 hours

ANOMS Gate Penetration - GADDO September 1-30, 2019

Altitude MSL (ft)	Count of Ops*	% of Ops	% of Ops Between Altitudes	% of Ops At or Above Altitudes			
>6300	44	0.5%					
6000-6299	156	1.8%					
5700-5999	461	5.3%	7.6%				
5500-5699	466	5.3%	92.4%				
5000-5499	2232	25.6%					38.5%
4500-4999	2507	28.8%					
4000-4499	1682	19.3%	]			86.6%	
3500-3999	781	9.0%					
3000-3499	310	3.6%	1		99.1%		
2500-2999	74	0.8%					
<2500	7	0.1%		100.0%			
Grand Total	8720	100%					
Prepared by: LAWA Noise Management							
*Data source: LAX ANOMS							