
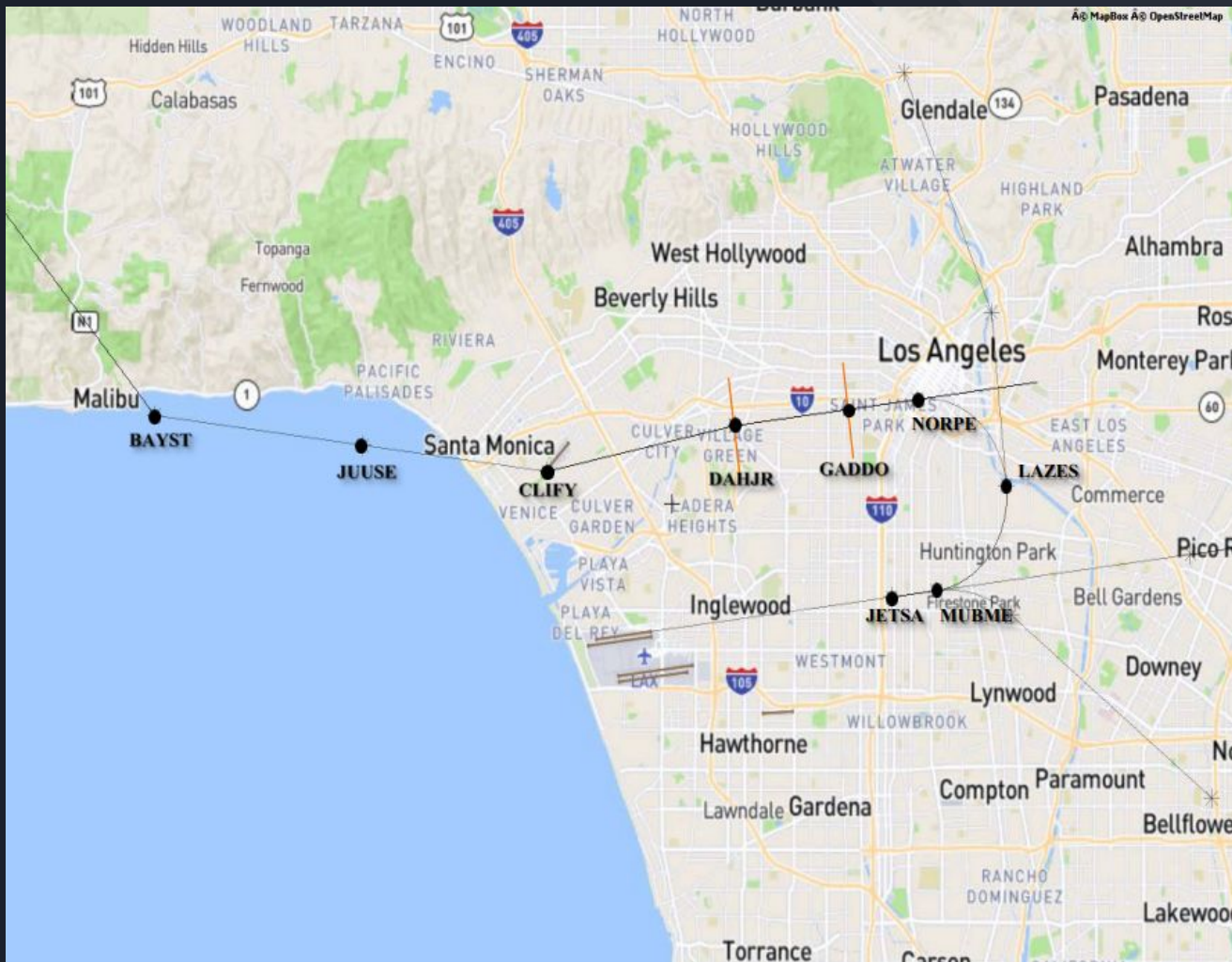




LAX Metroplex / Wide Area Ad Hoc Committee

March 2018 LAX Noise Roundtable

1. North Downwind Arrival Flight Paths
 2. Review of Jan-Feb DAHJR, GADDO Data
 3. Electeds Meeting with FAA TRACON, ATC, issues related to DAHJR, GADDO
 4. Additional Data Requests: BAYST, JUUCE, JETSA
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1. North Downwind Arrival Flight Paths



2. Data trends for DAHJR Waypoint Sept - Dec

DAHJR Gate Penetration

| SEPT 2017 | | | | OCT 2017 | | | | NOV 2017 | | | | DEC 2017 | | | |
|--------------------|--------------|-------------|------------|--------------------|--------------|-------------|------------|--------------------|--------------|-------------|------------|--------------------|--------------|-------------|--------------|
| Altitude MSL (ft) | Count of Ops | % of Ops | | Altitude MSL (ft) | Count of Ops | % of Ops | | Altitude MSL (ft) | Count of Ops | % of Ops | | Altitude MSL (ft) | Count of Ops | % of Ops | |
| >9500 | 0 | 0.0% | | >9500 | 0 | 0.0% | | >9500 | 0 | 0.0% | | >9500 | 0 | 0.0% | |
| 9000-9500 | 2 | 0.0% | | 9000-9500 | 0 | 0.0% | | 9000-9500 | 2 | 0.0% | | 9000-9500 | 0 | 0.0% | |
| 8500-9000 | 1 | 0.0% | | 8500-9000 | 4 | 0.0% | | 8500-9000 | 2 | 0.0% | | 8500-9000 | 2 | 0.0% | |
| 8000-8500 | 4 | 0.0% | | 8000-8500 | 9 | 0.1% | | 8000-8500 | 7 | 0.1% | | 8000-8500 | 5 | 0.1% | |
| 7500-8000 | 9 | 0.1% | | 7500-8000 | 21 | 0.2% | | 7500-8000 | 13 | 0.1% | | 7500-8000 | 13 | 0.1% | |
| 7000-7500 | 58 | 0.6% | | 7000-7500 | 79 | 0.8% | | 7000-7500 | 95 | 1.1% | | 7000-7500 | 55 | 0.6% | |
| 6500-7000 | 250 | 2.7% | | 6500-7000 | 310 | 3.2% | | 6500-7000 | 415 | 4.7% | | 6500-7000 | 230 | 2.5% | |
| 6000-6500 | 2344 | 25.2% | 28.7% | 6000-6500 | 2851 | 29.6% | 34.0% | 6000-6500 | 3029 | 34.2% | 40.2% | 6000-6500 | 2335 | 25.8% | 29.1% |
| 5500-6000 | 3736 | 40.2% | | 5500-6000 | 4092 | 42.5% | | 5500-6000 | 3711 | 41.9% | | 5500-6000 | 3628 | 40.0% | |
| 5000-5500 | 1988 | 21.4% | 61.5% | 5000-5500 | 1593 | 16.6% | 59.1% | 5000-5500 | 1160 | 13.1% | 55.0% | 5000-5500 | 1806 | 19.9% | 60.0% |
| 4500-5000 | 666 | 7.2% | | 4500-5000 | 486 | 5.1% | | 4500-5000 | 304 | 3.4% | | 4500-5000 | 714 | 7.9% | |
| 4000-4500 | 176 | 1.9% | 9.1% | 4000-4500 | 141 | 1.5% | 6.5% | 4000-4500 | 84 | 0.9% | 4.4% | 4000-4500 | 195 | 2.2% | 10.0% |
| 3500-4000 | 45 | 0.5% | 0.7% | 3500-4000 | 25 | 0.3% | 0.3% | 3500-4000 | 27 | 0.3% | 0.4% | 3500-4000 | 57 | 0.6% | 0.9% |
| 3000-3500 | 20 | 0.2% | | 3000-3500 | 7 | 0.1% | | 3000-3500 | 6 | 0.1% | | 3000-3500 | 17 | 0.2% | |
| 2500-3000 | 3 | 0.0% | | 2500-3000 | 1 | 0.0% | | 2500-3000 | 0 | 0.0% | | 2500-3000 | 3 | 0.0% | |
| <2500 | 0 | 0.0% | | <2500 | 0 | 0.0% | | <2500 | 0 | 0.0% | | <2500 | 1 | 0.0% | |
| Grand Total | 9302 | 100% | 71% | Grand Total | 9619 | 100% | 66% | Grand Total | 8855 | 100% | 60% | Grand Total | 9061 | 100% | 70.9% |

2. Data trends for DAHJR Waypoint Jan-Feb

| January 2018 | | | |
|--------------------|--------------|-------------|--------------|
| Altitude MSL (ft) | Count of Ops | % of Ops | |
| >9500 | 0 | 0.0% | |
| 9000-9500 | 2 | 0.0% | |
| 8500-9000 | 3 | 0.0% | |
| 8000-8500 | 3 | 0.0% | |
| 7500-8000 | 11 | 0.1% | |
| 7000-7500 | 52 | 0.6% | |
| 6500-7000 | 258 | 2.9% | |
| 6000-6500 | 2621 | 29.0% | 32.7% |
| 5500-6000 | 3736 | 41.4% | |
| 5000-5500 | 1609 | 17.8% | 59.2% |
| 4500-5000 | 514 | 5.7% | |
| 4000-4500 | 170 | 1.9% | 7.6% |
| 3500-4000 | 32 | 0.4% | 0.5% |
| 3000-3500 | 11 | 0.1% | |
| 2500-3000 | 2 | 0.0% | |
| <2500 | 2 | 0.0% | |
| Grand Total | 9026 | 100% | 67.3% |

| February 2018 | | | |
|--------------------|--------------|-------------|--------------|
| Altitude MSL (ft) | Count of Ops | % of Ops | |
| >9500 | 0 | 0.0% | |
| 9000-9500 | 1 | 0.0% | |
| 8500-9000 | 3 | 0.0% | |
| 8000-8500 | 2 | 0.0% | |
| 7500-8000 | 15 | 0.2% | |
| 7000-7500 | 58 | 0.7% | |
| 6500-7000 | 267 | 3.1% | |
| 6000-6500 | 2414 | 28.2% | 32.2% |
| 5500-6000 | 3521 | 41.1% | |
| 5000-5500 | 1514 | 17.7% | 58.8% |
| 4500-5000 | 544 | 6.4% | |
| 4000-4500 | 175 | 2.0% | 8.4% |
| 3500-4000 | 34 | 0.4% | 0.6% |
| 3000-3500 | 8 | 0.1% | |
| 2500-3000 | 6 | 0.1% | |
| <2500 | 0 | 0.0% | |
| Grand Total | 8562 | 100% | 67.8% |

2. Data trends for GADDO Waypoint Sept - Dec

GADDO Gate Penetration

| SEPT 2017 | | | OCT 2017 | | | NOV 2017 | | | DEC 2017 | | | |
|--------------------|--------------|-------------|-------------------|--------------------|-------------|-------------------|--------------|--------------------|--------------------|--------------|-------------|--------------|
| Altitude MSL (ft) | Count of Ops | % of Ops | Altitude MSL (ft) | Count of Ops | % of Ops | Altitude MSL (ft) | Count of Ops | % of Ops | Altitude MSL (ft) | Count of Ops | % of Ops | |
| >9500 | 0 | 0.0% | >9500 | 1 | 0.0% | >9500 | 0 | 0.0% | >9500 | 0 | 0.0% | |
| 9000-9500 | 0 | 0.0% | 9000-9500 | 0 | 0.0% | 9000-9500 | 0 | 0.0% | 9000-9500 | 0 | 0.0% | |
| 8500-9000 | 0 | 0.0% | 8500-9000 | 0 | 0.0% | 8500-9000 | 0 | 0.0% | 8500-9000 | 1 | 0.0% | |
| 8000-8500 | 1 | 0.0% | 8000-8500 | 0 | 0.0% | 8000-8500 | 2 | 0.0% | 8000-8500 | 0 | 0.0% | |
| 7500-8000 | 1 | 0.0% | 7500-8000 | 2 | 0.0% | 7500-8000 | 2 | 0.0% | 7500-8000 | 3 | 0.0% | |
| 7000-7500 | 7 | 0.1% | 7000-7500 | 15 | 0.2% | 7000-7500 | 6 | 0.1% | 7000-7500 | 9 | 0.1% | |
| 6500-7000 | 20 | 0.2% | 6500-7000 | 42 | 0.4% | 6500-7000 | 40 | 0.5% | 6500-7000 | 22 | 0.2% | |
| 6000-6500 | 195 | 2.1% | 6000-6500 | 253 | 2.6% | 6000-6500 | 253 | 2.9% | 6000-6500 | 148 | 1.6% | |
| 5500-6000 | 709 | 7.6% | 5500-6000 | 962 | 10.0% | 5500-6000 | 1115 | 12.6% | 5500-6000 | 738 | 8.2% | |
| 5000-5500 | 2130 | 22.9% | 5000-5500 | 2495 | 26.0% | 5000-5500 | 2614 | 29.6% | 5000-5500 | 2113 | 23.4% | |
| 4500-5000 | 2659 | 28.6% | 4500-5000 | 2773 | 28.9% | 4500-5000 | 2488 | 28.2% | 4500-5000 | 2495 | 27.6% | |
| 4000-4500 | 2005 | 21.6% | 4000-4500 | 1884 | 19.6% | 4000-4500 | 1433 | 16.2% | 4000-4500 | 1909 | 21.1% | |
| 3500-4000 | 991 | 10.7% | 3500-4000 | 746 | 7.8% | 3500-4000 | 593 | 6.7% | 3500-4000 | 980 | 10.8% | |
| 3000-3500 | 444 | 4.8% | 3000-3500 | 340 | 3.5% | 3000-3500 | 221 | 2.5% | 3000-3500 | 503 | 5.6% | |
| 2500-3000 | 112 | 1.2% | 2500-3000 | 89 | 0.9% | 2500-3000 | 65 | 0.7% | 2500-3000 | 116 | 1.3% | |
| <2500 | 11 | 0.1% | <2500 | 5 | 0.1% | <2500 | 2 | 0.0% | <2500 | 11 | 0.1% | |
| Grand Total | 9285 | 100% | 98% | Grand Total | 9607 | 100% | 97% | Grand Total | 8834 | 100% | 97% | |
| | | | | | | | | | Grand Total | 9048 | 100% | 98.0% |

2. Data trends for GADDO Waypoint Jan-Feb

| January 2018 | | | | February 2018 | | | |
|--------------------|--------------|-------------|--------------|--------------------|--------------|---------------|--------------|
| Altitude MSL (ft) | Count of Ops | % of Ops | | Altitude MSL (ft) | Count of Ops | % of Ops | |
| >9500 | 0 | 0.0% | | >9500 | 0 | 0.0% | |
| 9000-9500 | 0 | 0.0% | | 9000-9500 | 0 | 0.0% | |
| 8500-9000 | 0 | 0.0% | | 8500-9000 | 0 | 0.0% | |
| 8000-8500 | 1 | 0.0% | | 8000-8500 | 1 | 0.0% | |
| 7500-8000 | 4 | 0.0% | | 7500-8000 | 4 | 0.0% | |
| 7000-7500 | 1 | 0.0% | | 7000-7500 | 8 | 0.1% | |
| 6500-7000 | 28 | 0.3% | | 6500-7000 | 18 | 0.2% | |
| 6000-6500 | 176 | 2.0% | 2.3% | 6000-6500 | 171 | 2.0% | 2.4% |
| 5500-6000 | 833 | 9.2% | | 5500-6000 | 824 | 9.6% | |
| 5000-5500 | 2288 | 25.4% | 34.6% | 5000-5500 | 2129 | 24.9% | 34.5% |
| 4500-5000 | 2618 | 29.0% | | 4500-5000 | 2442 | 28.6% | |
| 4000-4500 | 1753 | 19.4% | 48.5% | 4000-4500 | 1645 | 19.2% | 47.8% |
| 3500-4000 | 816 | 9.0% | 14.6% | 3500-4000 | 797 | 9.3% | 15.3% |
| 3000-3500 | 372 | 4.1% | | 3000-3500 | 387 | 4.5% | |
| 2500-3000 | 124 | 1.4% | | 2500-3000 | 120 | 1.4% | |
| <2500 | 5 | 0.1% | | <2500 | 2 | 0.0% | |
| Grand Total | 9019 | 100% | 97.7% | Grand Total | 8548 | 100.0% | 97.6% |

3. Electeds Meeting with FAA TRACON, ATC, issues related to DAHJR, GADDO

- **Flying Minimum Altitudes**

- Presented Roundtable altitude data provided by LAWA
 - DAHJR 70% lower than 6,000 feet
 - GADDO 98% lower than 6,000 feet
 - TRACON would investigate why November numbers at DAHJR were better

3. Electeds Meeting with FAA TRACON, ATC, issues related to DAHJR, GADDO

- **Night Time Noise Issues**

- Realize that Night Time Operations are limited (due to weather, safety and maintenance)
- TRACON will investigate altitudes during Night Time Operations and see about implementing procedures in their area SOPs

3. Electeds Meeting with FAA TRACON, ATC, issues related to DAHJR, GADDO

- **SOP (Standard Operating Procedures)**

- Example of SOP specific to SoCal Metroplex, Palos Verdes overflights, that both the Round Table and TRACON implemented as a SOP
- Solution to Lake Arrowhead area is vectoring flights through a small channel, especially during overnight hours will be a SOP

3. Electeds Meeting with FAA TRACON, ATC, issues related to DAHJR, GADDO

- **Next Steps**

- TRACON to work with the Round Table on attending future meetings
- Federal partners to develop long-term policy reforms, including airlines to adopt the same

4. Additional Data Requests: BAYST, JUUCE, JETSA

| BAYST Gate Penetration | | | |
|-------------------------------|--------------|-------------|-------|
| January 2018 | | | |
| Altitude MSL (ft) | Count of Ops | % of Ops | |
| >9500 | 6412 | 70.6% | |
| 9000-9500 | 2424 | 26.7% | 97.3% |
| 8900-8999 | 205 | 2.3% | |
| 8000-8899 | 19 | 0.2% | 2.5% |
| 7500-8000 | 0 | 0.0% | |
| 7000-7500 | 1 | 0.0% | 0.0% |
| <7000 * | 18 | 0.2% | 0.2% |
| Grand Total | 9079 | 100% | |

| JUUCE Gate Penetration | | | |
|-------------------------------|--------------|-------------|-------|
| January 2018 | | | |
| Altitude MSL (ft) | Count of Ops | % of Ops | |
| >9500 | 139 | 1.5% | |
| 9000-9500 | 971 | 10.7% | 12.2% |
| 8500-8999 | 2746 | 30.1% | |
| 8000-8499 | 4370 | 48.0% | 78.1% |
| 7950-7999 | 648 | 7.1% | |
| 7900-7949 | 161 | 1.8% | |
| 7500-7899 | 34 | 0.4% | 9.3% |
| <7500* | 43 | 0.5% | 0.5% |
| Grand Total | 9112 | 100% | |