



Access and Noise Overview

Presented to:
**City of Newport Beach
Public Forum**

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January 26, 2018

Control Over Airspace

- FAA and the pilot-in-command have sole and exclusive control of aircraft altitudes and flight paths.
- Federal law prohibits control by any other entity.



**John Wayne Airport
is one of the most highly regulated airports
in the nation and, perhaps, the world.**



Settlement Agreement: *Background*

- Signators
 - ✓ County of Orange
 - ✓ City of Newport Beach
 - ✓ Airport Working Group (AWG)
 - ✓ Stop Polluting Our Newport (SPON)
- Original Agreement (1985 - 2005)
 - ✓ Limited average daily departures (ADDs)
 - ✓ Limited service to 8.4 million annual passengers (MAP)
 - ✓ Limited terminal size, loading bridges, parking spaces, etc.
- 2003 Amendment (2003 – 2015)
 - ✓ Increased the number of allowable ADDs
 - ✓ Increased MAP to 10.8
 - ✓ Increased permitted loading bridges (from 14 to 20)
 - ✓ Removed limitations on terminal size and parking spaces

NOTE: The federal Airport Noise and Capacity Act (ANCA) was adopted in 1990



Settlement Agreement: *2014 Amendment*

- Term

- ✓ Phase 1: January 1, 2016 through December 31, 2020
- ✓ Phase 2: January 1, 2021 through December 31, 2025
- ✓ Phase 3: January 1, 2026 through December 31, 2030

- Curfew

- ✓ Commitment to existing curfew through December 31, 2035

- Average Daily Departures (ADDs)

- ✓ Maximum of **85** Class A ADDs for passenger service through December 31, 2020
- ✓ Maximum of **95** Class A ADDs for passenger service from January 1, 2021 through December 31, 2030

- Million Annual Passengers (MAP)

- ✓ Phase 1: **10.8** MAP through December 31, 2020
- ✓ Phase 2: **11.8** MAP from January 1, 2021 through December 31, 2025
- ✓ Phase 3:
 - **12.2** MAP from January 1, 2026 through December 31, 2030 **IF** 11.21 MAP is not served between January 1, 2021 and December 31, 2025
 - **12.5** MAP from January 1, 2026 through December 31, 2030 **IF** 11.21 MAP is served between January 1, 2021 and December 31, 2025



Current Regulatory Structure

- Settlement Agreement
 - ✓ Operational specifics (mandatory limits: noise, passengers, operations and facilities)
- Phase 2 Commercial Airline Access Plan and Regulation ("Access Plan")
 - ✓ Operational specifics (mandatory limits: noise, curfew and departures)
 - ✓ Capacity requirements (minimum and maximum utilization for month, quarter and year)
 - ✓ Restrictions and penalties (sanctions and disqualification)
- General Aviation Noise Ordinance ("GANO")
 - ✓ Noise limits and violation policy
 - ✓ Curfew



Management and Enforcement Resources

- 5 full-time staff members in the Access & Noise Office
- State-of-the-art aircraft noise and operations monitoring system
- Continuous noise level monitoring
- Monthly reporting of aircraft operations, noise levels, and complaints
- Air carrier identification of single point of contact for JWA-related access and noise issues



10 Noise Monitoring Stations



JOHN WAYNE AIRPORT

Noise Monitoring Stations (NMS) Location Map



Noise Limits

Noise Monitoring Station	Commercial Aircraft		General Aviation	
	Class A	Class E	Daytime	Nighttime
NMS 1S	102.5 dB SENEL	94.1 dB SENEL	102.5 dB SENEL	87.5 dB SENEL
NMS 2S	101.8 dB SENEL	93.5 dB SENEL	101.8 dB SENEL	87.6 dB SENEL
NMS 3S	101.1 dB SENEL	90.3 dB SENEL	101.1 dB SENEL	86.7 dB SENEL
NMS 4S	94.8 dB SENEL	86.6 dB SENEL		86.7 dB SENEL
NMS 5S	95.3 dB SENEL	87.2 dB SENEL		86.7 dB SENEL
NMS 6S	96.8 dB SENEL	87.2 dB SENEL		86.7 dB SENEL
NMS 7S	93.7 dB SENEL	86.6 dB SENEL		86.7 dB SENEL
NMS 8N				86.9 dB SENEL
NMS 9N				86.9 dB SENEL
NMS 10N				86.9 dB SENEL



Noise Level Enforcement

- Commercial
 - ✓ Quarterly average
 - ✓ Noise violation = denial of use of aircraft type for noise class
 - ✓ 2016 violations: 0 (last violation was in 2006)
- General Aviation
 - ✓ Single event
 - ✓ 3 noise violations within 3 years = denial of use for 3 years
 - ✓ 2016 violations: 141 (128 first; 11 second; and 2 third)

NOTE: JWA measures and enforces to 0.1 decibel ("dB").
Generally, the minimum change in the sound level of an individual event that the human ear can detect is about 3 dB.



Community Resources

- Access/Noise Office
 - ✓ Phone: 949.252.5185
 - ✓ Email: noiseinfo@ocair.com
- Website (www.ocair.com/communityrelations)
 - ✓ Reports
 - ✓ Flight tracking
 - ✓ Airport statistics
 - ✓ FAQs
 - ✓ Noise limits
 - ✓ Settlement Agreement

