

# Night Airport Noise Restrictions



- Orange County, CA
  - ✓ 100 daily flights
  - ✓ Prohibits departures 10pm-7am and arrivals 11pm-7am
  - ✓ Thru 2035
  
- Voluntary Night Curfews at many airports
  - ✓ Boston, MA
  - ✓ Minneapolis/St. Paul, MN
  - ✓ Dallas/FW, TX
  - ✓ Boca Raton, Naples, Tampa, FL
  - ✓ San Francisco, San Jose, Santa Barbara, Santa Monica, Burbank, San Diego, CA
  - ✓ Heathrow, London, UK
  
- No engine run ups or reverse thrust
- Emergency exceptions
- Increased landing fees
- Quietest possible equipment

# Heathrow Background

- 13 miles W from London, 9.0 million pop.
- 1,300 daily flights
- Busiest 2 runway airport in the world
- 70% westerly operations over London
- PBN – Performance Based Navigation – GPS guidance
- Four Holding stacks until final approach with 7,000 ft. minimum altitude
- <https://www.heathrow.com/noise>



# Heathrow Aircraft Noise

## Benchmarking – Lessons Learned

- ✓ Overall airport strategy and action plan
- ✓ Multi-faceted set of solutions
  - Arrivals - steeper approaches, continuous decent, landing gear
  - Departures – encourage quiet procedures, airlines measured and ranked
  - Night operations
  - Ground noise management
  - Quieter equipment
  - Land use planning
  - Building relocation and insulation
  - Robust monitoring network
- ✓ Full commitment by airport CEO and government
- ✓ Robust website and communication campaign



# Leveraging Best Practices



## 1. Explore website(s)

- <https://www.heathrow.com/noise>
- Read Heathrow's Blueprint for Noise Reduction (Ten practical steps to cut noise) <https://www.heathrow.com/noise/making-heathrow-quieter/blueprint-for-noise-reduction>

2. Individually identify 3-5 best practices that can be applied for CLT and email ideas by Nov. 20

3. Participate in conference call to summarize, prioritize, and organize into strategic groupings. Date tbd.