

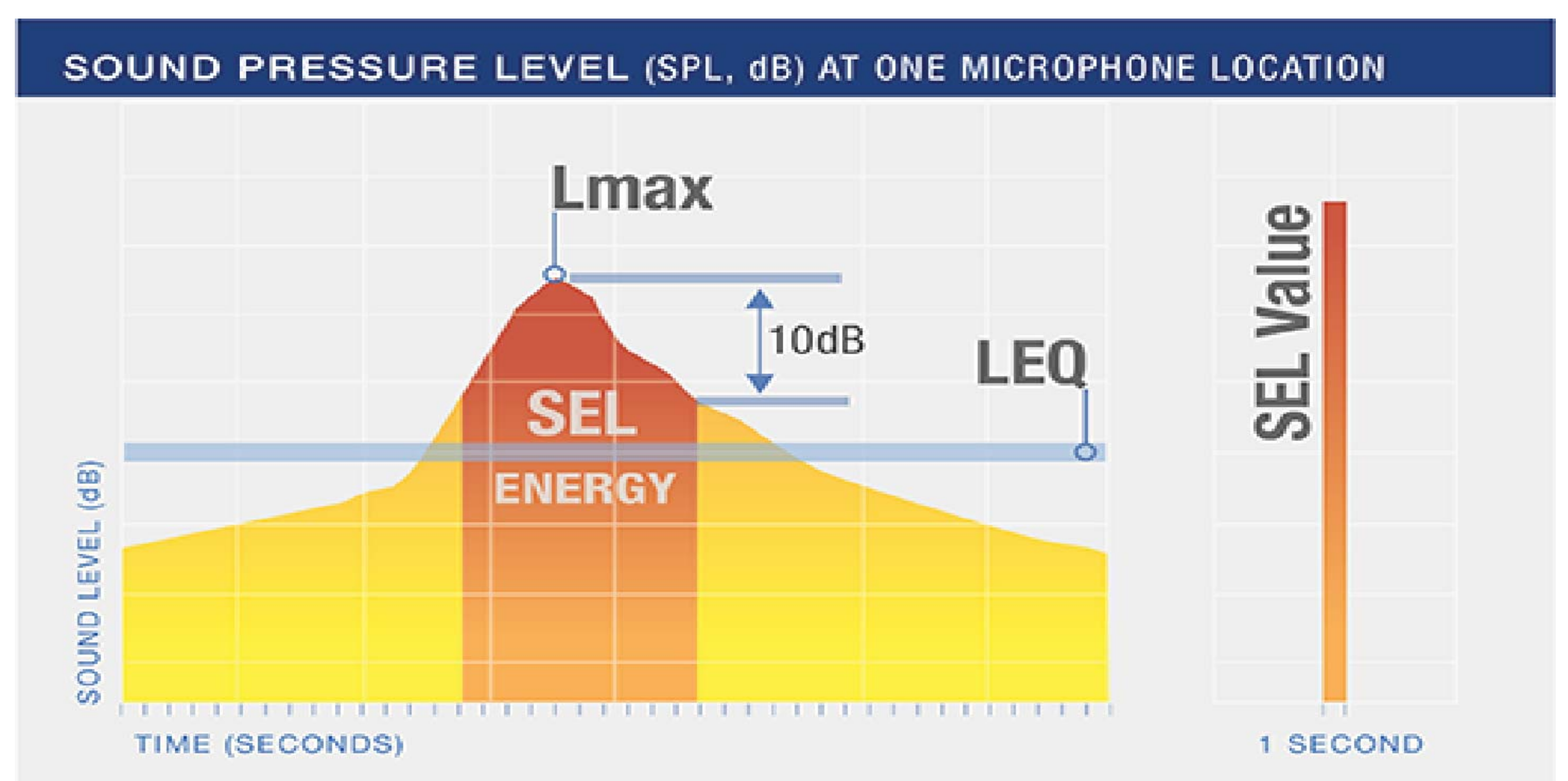
Short-Term Noise Monitoring Program

● Methodology

- Twelve (12) sites selected based on public input
- Monitoring occurred at all public recommended sites
- Four (4) sites selected based on location
- Monitoring occurred November 4th - 7th, 2019

● Lmax Noise Metric

- Quantifies the peak or maximum noise level reached by an entire noise event.
- A noise event can be a single aircraft or multiple aircraft at once
- Should not be confused with the Day-Night Average Sound Level (DNL) metric used for calculating Part 150 Noise Exposure Contours



● Noise Measurement Results

- Results are analyzed and summarized in report
- Report available at:
https://duluthairport.com/wp-content/uploads/2020/03/DLH_Temporary_Noise_Measurement_Memo_reduced.pdf
- Noise monitoring data is not used to calibrate the noise model or to make a finding of significant impact

Noise Monitoring Locations

