



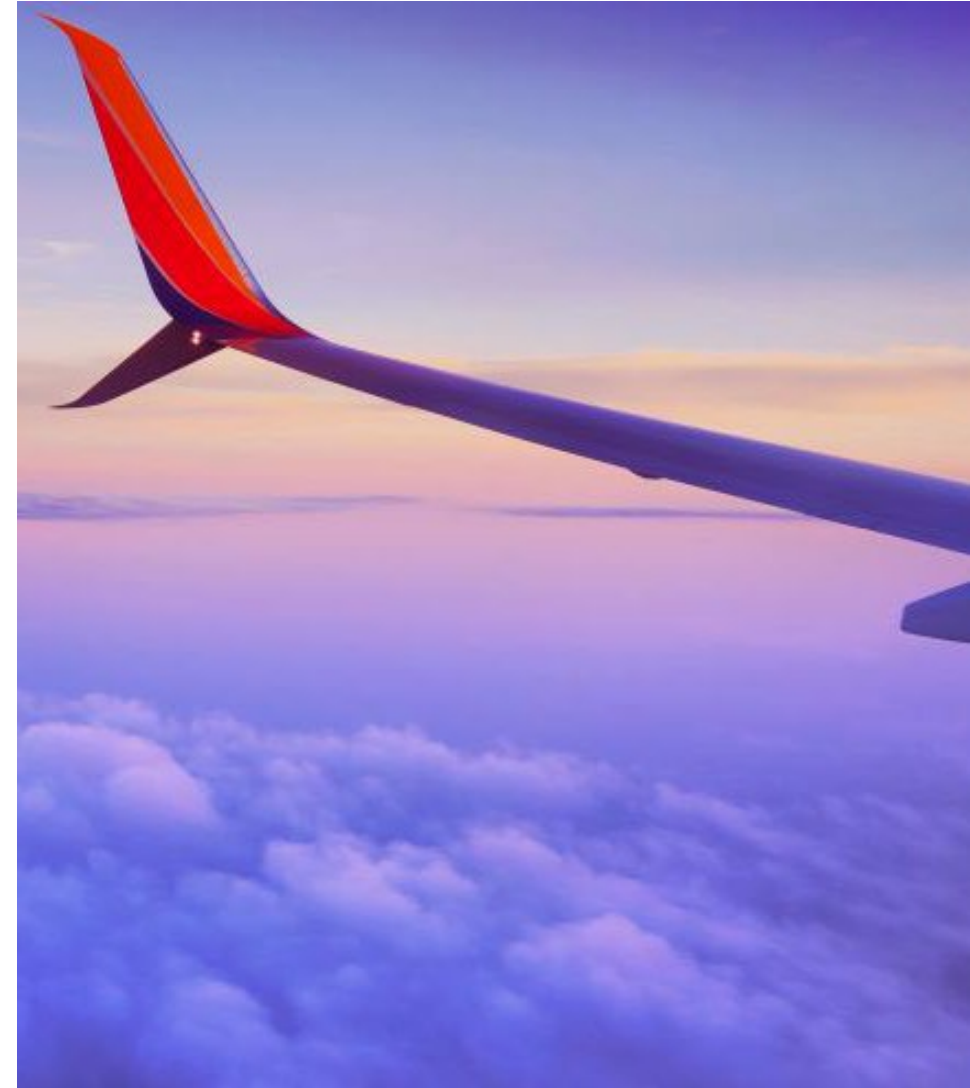
LAX Fly Quieter Program

Presentation to LAX/Community Noise Roundtable

November 13, 2019

Outline

- What is the LAX Fly Quieter Program?
- “Fly Quiet” Airport Program Comparison
- Scoring Elements (Primary and Bonus)
- Reporting
- Awards/Recognition/Publicity
- Implementation Schedule

































What is the LAX Fly Quieter Program?

A public recognition program designed to:

- Encourage and acknowledge commercial operators for operating as quietly as possible
- **Increase Operator/pilot awareness** of community noise concerns and compliance with noise abatement operating procedures and restrictions at LAX
- **Score and rank all Operators on their performance** and publicly acknowledge those that perform the best

“Fly Quiet” Programs at Other Airports

Elements	LAX	SFO	SAN	ORD	SEA	Elements	LAX	SFO	SAN	ORD	SEA
 Noise Exceedance (Quietest Arrivals)						 Runway Use					
 Fleet Noise (Quietest Fleet)						 Arrivals					
 Early Turns			 *			 Curfew Violations					
 Departures (East Departures)						 Noise Abatement Procedures					
 Maintenance Engine Run-Ups						Year of Inception	2020	2011	2016	1997	2002
 Bonus						Award Interval	Yearly	Yearly	None	None	Yearly
						Award Recognition	TBD	Trophy, Airport Website	None	None	Magazine, Banners, Airport Website

* Previously Analyzed Element

Fly Quieter Program Scoring Elements

5 Primary Elements

- Element #1 – Quietest Arrivals - based on measured noise levels from 2 monitors in residential communities
- Element #2 – Quietest Fleet - based on certificated noise levels of aircraft operating at LAX
- Element #3 – Pilot-Initiated Early Turns - based on the number of pilot-initiated early turns flying over communities
- Element #4 – Nighttime Non-Conforming East Departures - based on the number of non-conforming east departures during 12 AM and 6:30 AM
- Element #5 – Restricted Nighttime Engine Run-Ups – based on compliance with the maintenance engine run-up restrictions between 11 pm and 6 am

2 Bonus Elements

- Element #6 – Operator Noise Reduction Efforts - implementing any equipment, technology, or procedural type effort to reduce aircraft noise
- Element #7 – Stakeholder Engagement Efforts - implementing outreach and educational efforts with various stakeholders



Scoring Example – “Bonus Elements”

Operator	Weighted Overall Score	Initial Rank	Bonus Element: Operator Noise Reduction Efforts	Bonus Element: Stakeholder Engagement Efforts	Total Overall Score	Final Rank
A	65.3	41	0.0	1.0	66.3	36
B	52.5	67	2.0	1.0	55.5	57

- Airline A received a total of 1 bonus point for attending two LAX/Community Noise Roundtable meetings
- Airline B received a total of 6 bonus points; 2 points for installing vortex generators for older Airbus A320 aircraft and 1 point for providing pilot training on LAX Noise Abatement Policies and Procedures.

SAMPLE FOR ILLUSTRATION PURPOSES – NOT BASED ON ACTUAL DATA

Fly Quieter Program Reporting

- Quarterly status reports will be provided in April, July, and October to Operators only to share scores/rankings to date to identify opportunities to improve, and to track progress of those Operators implementing actions to earn bonus points
- Final Annual Fly Quieter Program Report will be provided to Operators and made public in the first quarter of each year



Potential Awards and Recognition/Publicity

There will be winners in three separate operator categories, based on number of daily operations.

To promote awareness of the LAX Fly Quieter Program and encourage operators to increase efforts to fly quieter, FQP Recognition and Publicity may include:

- Winners on LAWA website and in news/press release
- Banners or billboards at LAX
- Ads in traveler magazines, local newspapers, etc.

Fly Quieter Program Implementation Schedule

August – October 2019	Obtained operator feedback on program criteria and elements in order to ensure program success.
October – November 2019	Finalize program specifications and obtain feedback on preferred types of recognition/publicity
December 2019	Develop Recognition/Awards/Publicity Plan
January 2020	Publicly launch the Fly Quieter Program
Q1-Q4 2020	<ul style="list-style-type: none">- Provide quarterly reports to operators to allow them to monitor progress- Invite airlines to engage with Noise Management to discuss quarterly ranking and opportunities for improving their performance
Q1 2021	<ul style="list-style-type: none">- Announce 2020 FQP winners and publish annual report- Execute plan for recognition/awards/publicity

Questions

