

# Aviation Noise Working Group

## MEETING SUMMARY

JUNE 10, 2024; 5:00 PM – 6:50PM

VIA ZOOM VIDEOCONFERENCE

**Meeting Objectives: Update on the Aviation Near-term Noise Action Agenda and launch of the Part 150 Noise Study's Technical Review Committee.**

*Summary of the Part 150 Noise Study's 6/10 Technical Review Committee meeting will be posted on SEA Airport's Part 150 Noise Study Website.*

### Meeting Summary:

- I. Facilitator Welcome, Introduction, and meeting agenda, Andrés Mantilla, Uncommon Bridges
- II. SEA Operations Recap and Preview, Samer Tirhi, Airline Scheduling Systems Specialist, POS
  - Samer ran through some recent statistics highlighting SEA operation levels and provided a snapshot of summer operations.
    - Flight operations are currently in line with 2019 pre-pandemic levels and likely to beat those numbers this year
    - This is shaping up to be SEA's busiest summer to date
    - Increase in hardstand operations during peak periods of the day. (Hardstand operations occur when limited access to gates leads to passengers being transported to and from an aircraft parked on the ramp)
  - Summer schedule late night flights:
    - Anticipated growth in late-night widebody operations
    - Increased Remain Overnight Night (RON) activity
  - SEA's added international service for 2024
    - New late-night flights: Icelandair, Philippine Airlines, China Airlines and STARLUX
- III. Aviation Near-term Noise Action Agenda, Tom Fagerstrom, Noise Programs Manager & Paris Edwards, Noise Programs Coordinator, POS
  - Late Night Noise Limitation Program
    - Tom provided some overarching highlights including the recent change by China Airlines Cargo flying the quieter Boeing 777 more often. 67% of China Airlines Cargo operations during late night hours in Q2 (thru 6/4) were with their new Boeing 777, rather than older 747

- Full Q2 update at next Noise Working Group meeting
  - Late Night Runway Use
    - 2023 Totals: Average of **1.8 third runway landings** per late night
    - 2024 Update:
      - Average of **1.4 third runway landings** per late night thru 6/3
      - 101 late nights with no operations on third runway thru 6/3
      - Planned nighttime runway closures in late May caused some increased usage
  - Noise Comments
    - 14,221 total comments in April
    - 64,853 total comments to date in 2024
    - More comments than April 2023 but in line with previous April totals
- IV. Single Engine Taxiing Language, Marco Milanese, Community Engagement Manager, POS
- Single engine taxiing was identified in StART's ground noise study as offering a noise benefit, though relatively modest, when used.
  - It does, however, have a significant impact on reducing fuel burn and emissions.
  - The Port, in consultation with Alaska, Delta and the FAA, has developed voluntary language for the airport's master record to promote single engine taxiing by carriers.
  - Members approved the new language which will be shared at next the full StART meeting on June 26.
  - The language: *Single Engine Taxiing – To minimize noise and fuel burn, SEA encourages airlines to single engine taxi when safe and conditions permit*
- V. Sound Insulation Repair and Replacement Pilot Program, Ryan McMullan, Noise Programs Senior Manager, POS
- Overview
    - February 27, 2024 – Commissioners approved Order 2024-04
    - Sets timeline for completion of an assessment (by end of 2024)
    - Total authorized budget of \$6.5M
    - Three defined phases of assessment: Planning Phase; Study and Testing Phase; and Report Phase
  - Planning Phase
    - Establish scope of the assessment
    - Is there a correlation between defects in existing Port-sponsored sound insulation packages and potential increases in noise levels in the interior of homes? If so, what is the correlation?
  - Study Phase
    - Send out mailers for access to survey (June 3, June 24, July 15)
    - The mailers describe the survey as a method to gather data to assist the Port in gaining a better understanding about the current condition of Port-sponsored sound insulation packages
    - Participation in the survey does not guarantee repair, replacement, or maintenance

- Survey responses will be compiled in a database (survey response closes August 9) and data will be analyzed
- Testing Phase
  - After the study phase, a sampling of homes will be acoustically tested in the 2<sup>nd</sup> half of August 2024
  - Acoustic Testing Report mid-October 2024
  - It was noted by StART members that when the insulation fails it causes mold and the mold becomes a problem.
- Report Phase
  - Analysis of survey and acoustic testing data
  - Compilation and review of Final Report by December 23
  - January 21, 2025 - Commission Briefing

## VI. Wrap Up

- Next meeting August 12
- Transition to Part 150 Technical Review Committee Meeting

MEMBER	INTEREST REPRESENTED	PRESENT
ADOLFO BAILON	BURIEN - CITY	✓
AMY ARRINGTON	NORMANDY PARK - CITY	✓
BILL VADINO	FEDERAL WAY - CITY	✓
BRYAN TOMICH	NORMANDY PARK - COMMUNITY	✓
GARMON NEWSOM II	BURIEN - CITY	✓
DAVE BERGER	FEDERAL WAY - COMMUNITY REPRESENTATIVE	✓
JASON WOYCKE	DES MOINES - CITY	✓
JEFF HARBAUGH	BURIEN - COMMUNITY REPRESENTATIVE	✓
KAREN VELORIA	BURIEN - COMMUNITY REPRESENTATIVE	✓
KATHLEEN WILSON	TUKWILA - COMMUNITY REPRESENTATIVE	✓
JOE DUSENBURY	DES MOINES - COMMUNITY REPRESENTATIVE	✓
MICHAEL BRUGATO	FEDERAL WAY - COMMUNITY REPRESENTATIVE	✓
LANCE LYTTLE	PORT OF SEATTLE	✓
ROGER KADEG	SEATAC - COMMUNITY REPRESENTATIVE	✓
SCOTT INGHAM	DELTA AIR LINES	✓
SCOTT KENNEDY	ALASKA AIRLINES	✓
STEVE NOVAK	DES MOINES - COMMUNITY REPRESENTATIVE	✓
<b>RESOURCES</b>		
DAVE KAPLAN	PORT OF SEATTLE	✓
MARCO MILANESE	PORT OF SEATTLE	✓
TOM FAGERSTROM	PORT OF SEATTLE	✓
RYAN McMULLAN	PORT OF SEATTLE	✓
PARIS EDWARDS	PORT OF SEATTLE	✓
SAMER TIRHI	PORT OF SEATTLE	✓
JOSEPH BERT	FAA	✓
CHRIS SCHAEFFER	FAA	✓
LYNAE CRAIG	ALASKA AIRLINES	✓

ZACH SHIELDS	SEATAC - CITY	✓
CONSULTANTS		
ANDRES MANTILLA	UNCOMMON BRIDGES	✓
CHERYL SWAB	UNCOMMON BRIDGES	✓
VINCE MESTRE	CONSULTANT	✓

NEXT MEETING: AUGUST 12, 2024, 5:00 - 7:00 PM  
LOCATION: ZOOM VIDEOCONFERENCE