

## Aviation Noise Working Group

### MEETING SUMMARY

DECEMBER 9, 2024; 5:00 PM – 6:00 PM

VIA ZOOM VIDEOCONFERENCE

**Meeting Objectives:** A review of SEA's operational trends along with the latest on the Aviation Near-term Noise Action Agenda, the Part 150 Noise Study and the Port's sound insulation efforts.

#### Meeting Summary:

- I. Facilitator Welcome, Introduction, and meeting agenda, Andrés Mantilla, Uncommon Bridges
- II. SEA Operations Preview, Samer Tirhi, Airline Scheduling Manager, POS
  - SEA at a Glance
    - Signification pulldown in January
      - Average 50 fewer flights per day
  - Samer used a timelapse to showcase the effects of heavy fog on December 4<sup>th</sup> from 6 am – 11 am. The video displayed 19 holds that took place on the 4<sup>th</sup> due to fog.
  - Question: What was the effect of the increased holds?
    - Increased engine noise, with 19 planes on the runways; many aircraft can operate on a single engine while holding for a gate
    - It is a very rare irregular operation.
- III. Noise Working Group Program Updates, Tom Fagerstrom, Noise Programs Manager & Paris Edwards, Noise Programs Coordinator, POS
  - Late Night Noise Limitation Program
    - Average number of operations (takeoffs and landings) per late night in November: 32 operations (24 passenger and eight cargo)
    - China Cargo Airlines has resumed fuel-stop operations at SEA
    - FedEx frequently operating the MD11 for their 4am arrival
    - Majority of China Airlines Cargo operations are new 777 aircraft rather than older 747 aircraft
    - Lance and Port Staff met with EVA Airways on November 5th to discuss late night noise
      - EVA discontinued extra three flights a week in the winter but will return in spring with operations before midnight.
  - 3<sup>rd</sup> Runway Late Night Runway Use
    - 2024 Totals (thru December 4):

- Average of 4.5 third runway landings per late night (2023 average 1.8)
  - Major construction projects associated with the east runway during the summer months caused multiple arrivals to occur on the 3<sup>rd</sup> Runway
  - 122 nights with no operations on 3rd Runway thru December 4
  - October 2024 Noise Complaints
    - 193 distinct households with a total of 14,196 comments/complaints
    - Top 5: Vashon, Seattle, Des Moines, Burien, Lake Forest Park
    - Not much difference between last year and this year.
  - November 2024 Go-around Report
    - Total Go-Arounds for November: 98
    - Daily average: 3.3
    - November 19<sup>th</sup> had 26 go-arounds due to windstorm with gusting that averaged 77.5 knots (89.1 mph) and wind velocity of 44 knots (50.6 mph)
    - November 28<sup>th</sup> had 17 go-arounds due to low visibility (fog)
    - Are there any indicators or standards for go-arounds due to weather conditions?
      - It comes down to the pilot's decision
    - Is there a typical aircraft type for the go-around?
      - E175 - typically operated by smaller airlines like SkyWest and Horizon.
  - Staff may utilize Tableau for go-around tracking as well as looking into other reporting software options.
- IV. Part 150 Noise Study Monitoring Update, Tom Fagerstrom, Noise Programs Manager, POS
- Five temporary portable noise monitors were placed as part of the larger Part 150 Noise Study to better define opportunities for noise reduction initiatives
  - Five locations: South Seattle, (just north of Burien); Normandy Park; Burien; Des Moines; Vashon Island
  - There will be another round of portable noise monitoring in March
  - Some slight electrical glitches because of the windstorm, but didn't lose any data
  - How would one volunteer to have a monitor at their residence?
    - Reach out to Tom and let him know.
- V. Sound Insulation Report, Ryan McMullan, Noise Programs Senior Manager, POS
- Single-Family Homes
    - Completed construction on one home in November
    - Acoustic testing on potential home in January 2025
    - Quarterly outreach (61 homes) continues
  - Apartments
    - Construction begins Q2 2025 on nine apartment complexes with 320 total units
  - Places of Worship
    - Bid opening 11/15
    - Anticipated construction in late Q3 2025

- Question: Where are these generally located?
  - Will follow-up with specific locations
- Question/Comment: What was the re-insulation pilot program survey response rate?
  - The response rate was 33% and considered very successful for a cold survey.

## VI. Wrap Up

- Next meeting: February 10<sup>th</sup>, 2025, 5:00 PM – 7:00 PM

MEMBER	INTEREST REPRESENTED	PRESENT
ADOLFO BAILON	BURIEN - CITY	-
AMY ARRINGTON	NORMANDY PARK - CITY	✓
BILL VADINO	FEDERAL WAY - CITY	-
BRYAN TOMICH	NORMANDY PARK - COMMUNITY REPRESENTATIVE	-
GARMON NEWSOM II	BURIEN - CITY	✓
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	✓
JOSEPH BERT	FAA	✓
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	-
MOIRA BRADSHAW	NORMANDY PARK - COMMUNITY REPRESENTATIVE	✓
MATTHEW BLINSTRUB	FEDERAL WAY - TECHNICAL REVIEW COMMITTEE	✓
<b>RESOURCES</b>		
SAMER TIRHI	PORT OF SEATTLE	✓
MARCO MILANESE	PORT OF SEATTLE	✓
TOM FAGERSTROM	PORT OF SEATTLE	✓
RYAN McMULLAN	PORT OF SEATTLE	✓
PARIS EDWARDS	PORT OF SEATTLE	✓
STEVE VITTNER	PORT OF SEATTLE	-
MATTHEW PREVO	FAA	✓
JENNIFER REDDING	FAA	✓
RODNEY LINDBECK	FAA	✓
ZACH SHIELDS	SEATAC - CITY	✓
ANTHONY HEMSTAD	DES MOINES - CITY REPRESENTATIVE	✓
<b>CONSULTANTS</b>		
ANDRES MANTILLA	UNCOMMON BRIDGES	✓
SKYLAR BENSON	UNCOMMON BRIDGES	✓
VINCE MESTRE	CONSULTANT	✓

NEXT MEETING: FEBRUARY 10, 2025, 5:00 – 7:00 PM  
LOCATION: ZOOM VIDEOCONFERENCE