

Part 150 Study Technical Review Committee

Meeting #8 | November 9, 2026

Port of Seattle®

TRC Welcome & Roll Call

TRC Members

- Alaska Airlines – Lynae Craig
- Delta Airlines – Kalena Glover
- King County – Susan McLain
- Burien – Matthew Howie
- Des Moines – Jason Woycke
- SeaTac – Zack Shields
- Federal Way – Josh Hoff
- Normandy Park – Jeremy Hammar
- Tukwila – Neil Tabor

TRC Liaisons

- FAA
  - Seattle CEO – Sky Laron
  - Western Service Center ATO – Stephany Butler
  - SEA ATCT– Takashi Nelson
  - Airports Northwest Mountain – Jared Wingo
- Port of Seattle
  - Tom Fagerstrom
  - Ryan McMullan
  - Paris Edwards
  - Tom Hooper

Agenda

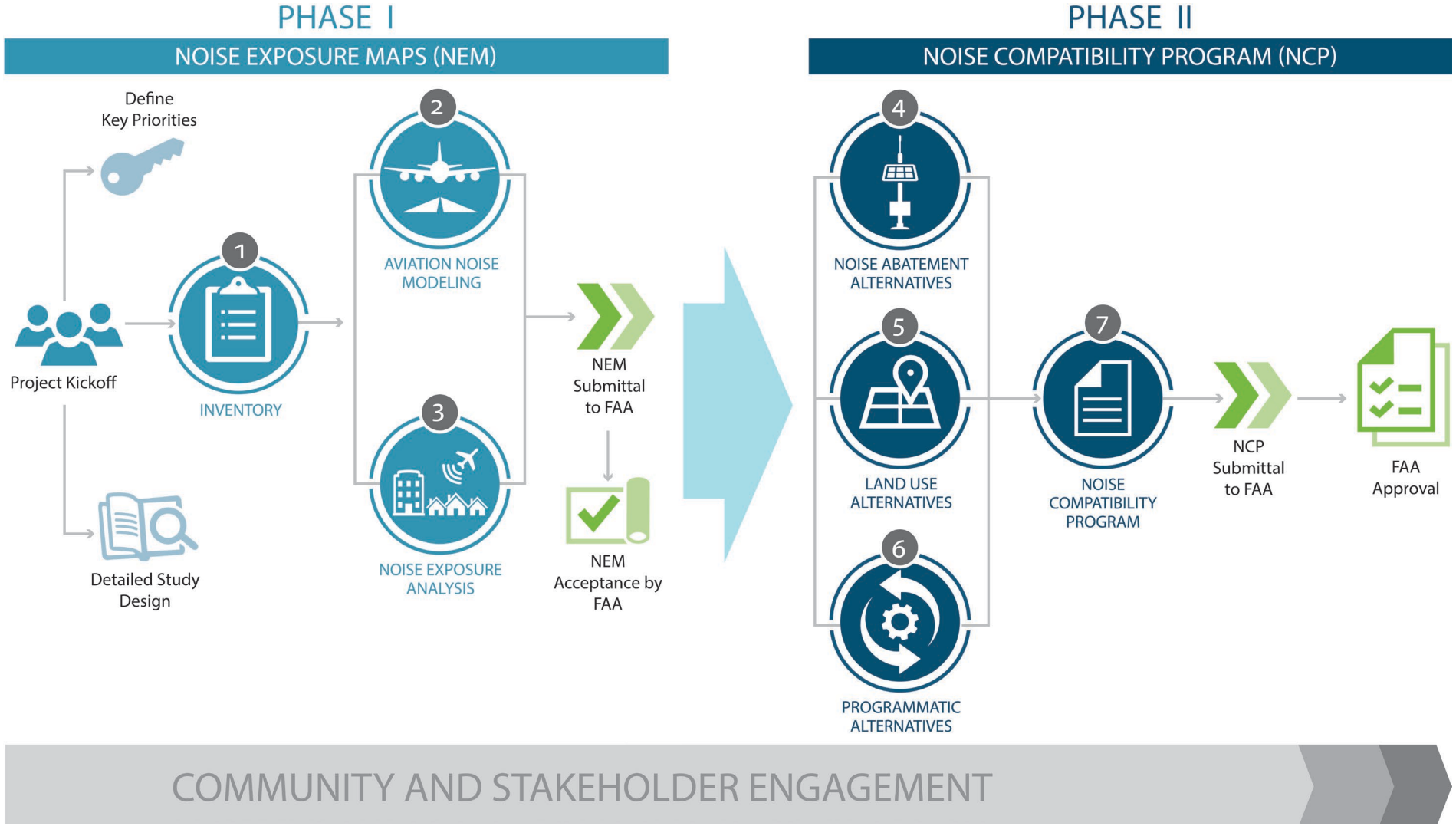
- Welcome & Roll Call
- Noise Exposure Map (NEM) Acceptance
- Summary of Fall 2026 NCP Public Workshop Feedback
- Draft NCP Measures
  - Overview
  - Noise Abatement Measures
  - Land Use Measures
  - Program Management Measures
- Project Schedule
- Upcoming Meetings
- Questions

Summary of TRC Meeting #7

- NCP Analyses
  - Potential Noise Abatement Measures
    - Intersection Departures
    - Increased Glideslope for Arrivals
    - Offset Approaches
    - Nighttime Arrival Preferential Runway Use
    - Review and Approval of NCP measures
  - Overview of Potential Land Use Measures
  - Overview of Potential Program Management Measures
- Update on Project Schedule

NEM Acceptance

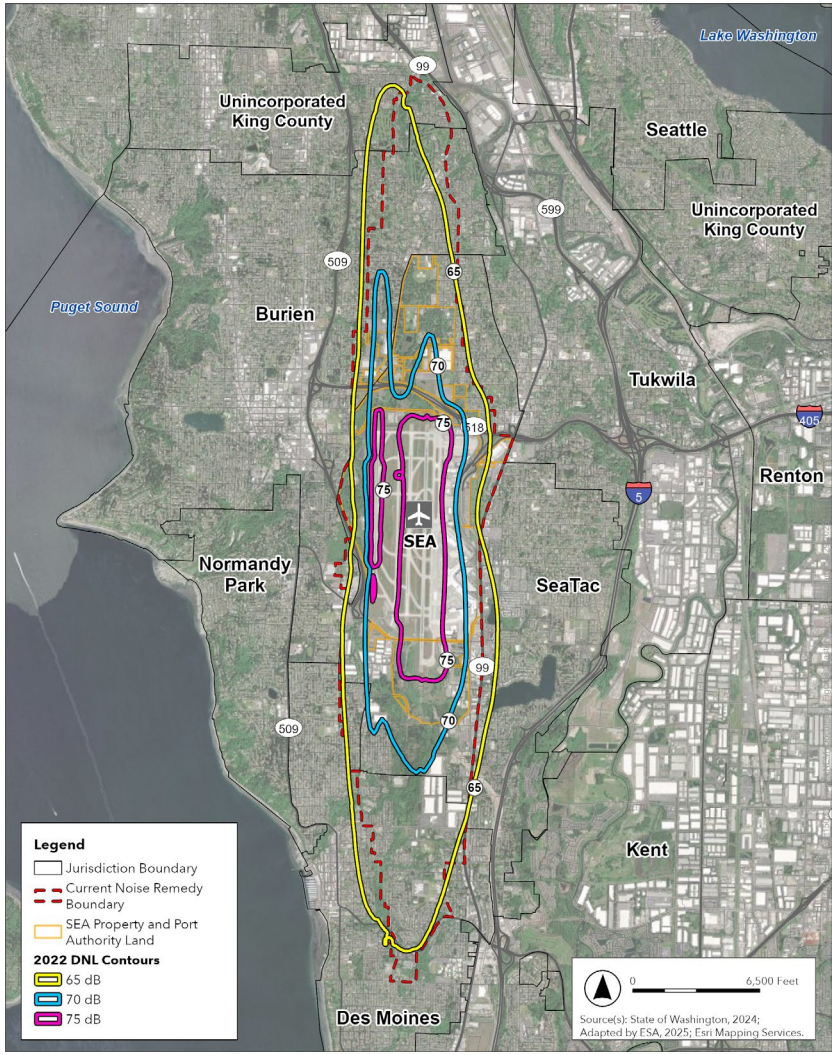
Phases of a Part 150 Study



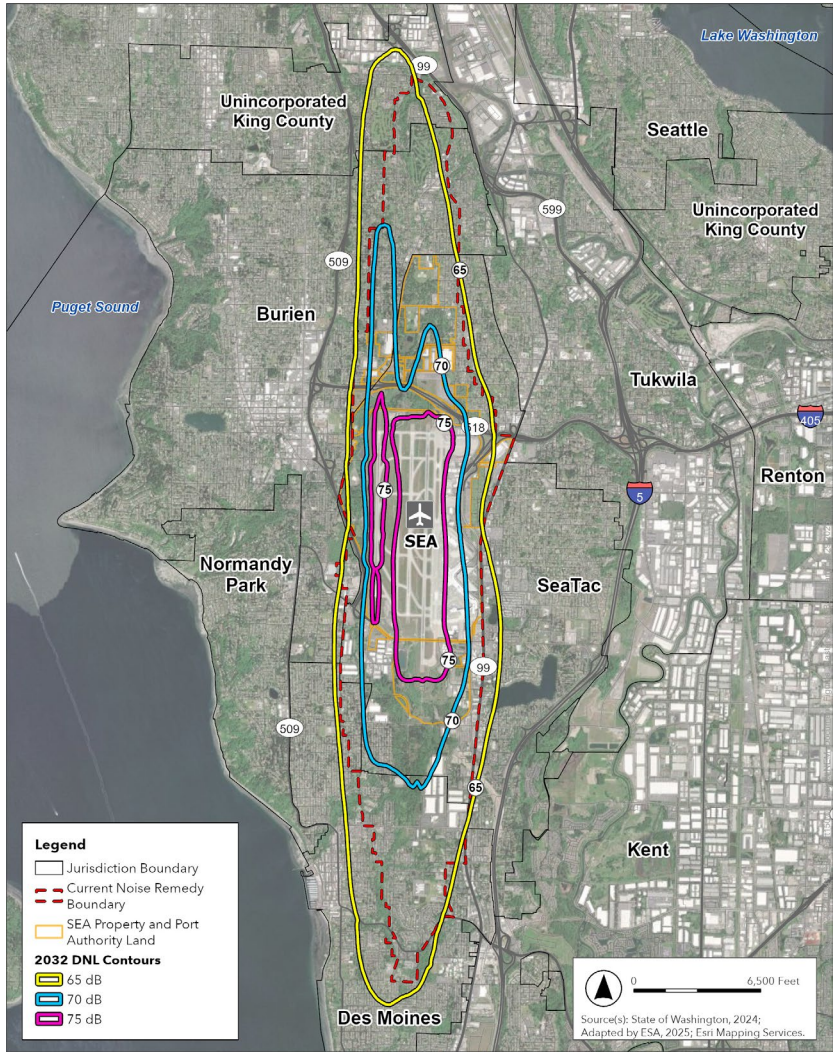
Noise Exposure Map Acceptance

- **NEM Acceptance**
  - On Oct. 26th, FAA confirmed the NEMs comply with 14 CFR Part 150
  - FAA will publish notice in the Federal Register
  - The Port will publish notice in the Seattle Times
  - NCP uses the 2032 NEM for evaluation

2022



2032



Summary of NCP Public Workshops

Summary of NCP Public Workshops

(1) Cedarhurst Elementary School (22 Attendees)

611 S 132nd Street
Burien, WA 98168

10:00 A.M. – 12:00 P.M.

Attendees shown in **yellow**

October 17th, 2026

(2) McMicken Heights Elementary School (14 Attendees)

3708 S 168th Street
SeaTac, WA 98188

6:00 P.M. – 8:00 P.M.

Attendees shown in **green**

October 19th, 2026

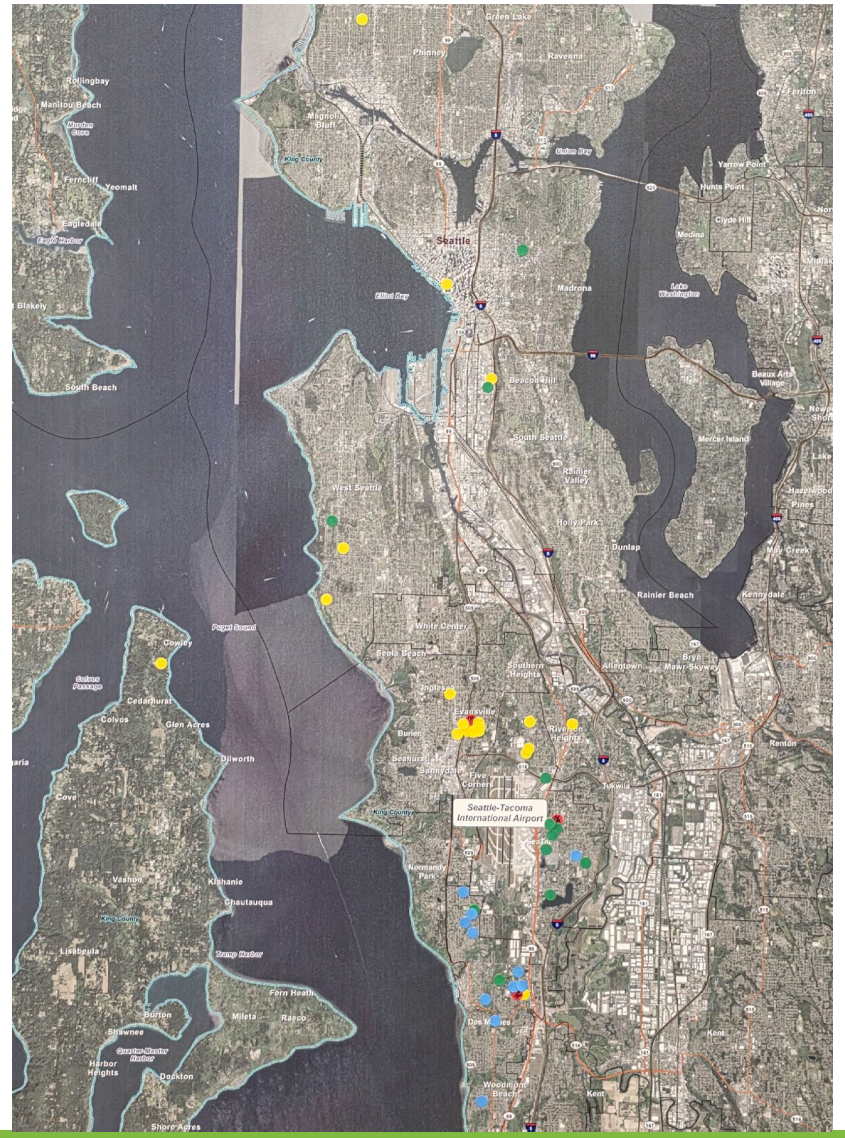
(3) Midway Elementary School (12 Attendees)

22447 24th Avenue S
Des Moines, WA 98198

6:00 P.M. – 8:00 P.M.

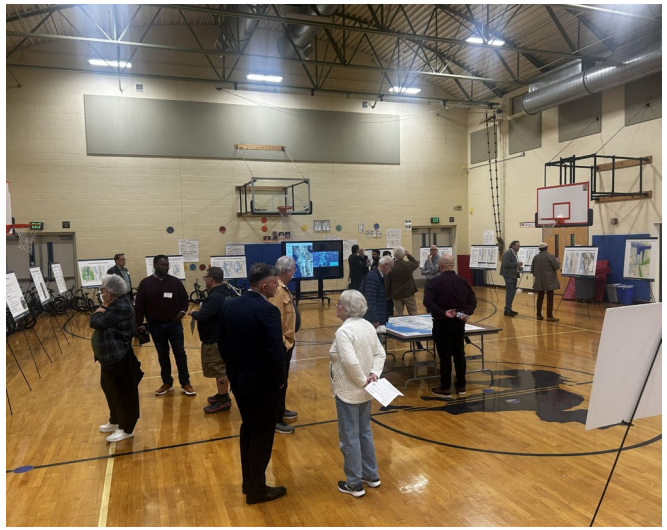
Attendees shown in **blue**

October 20th, 2026



Summary of NCP Public Workshops

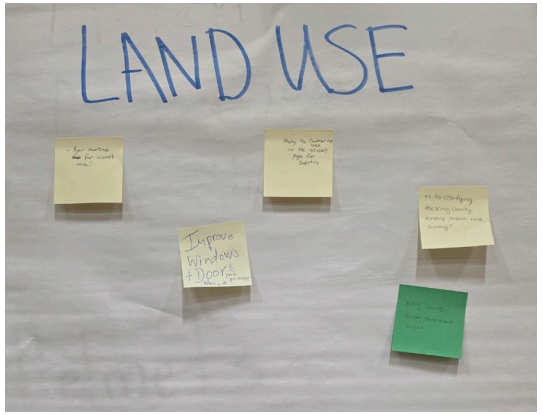
- Comments
  - 7 formal written comments received
- Supported Measures
  - Expand residential sound insulation program
    - Improve sound insulation packages
    - Suggested expand eligibility area (e.g., DNL 60)
  - Increase glideslope and promote flight routes over Elliott Bay
  - Reduce nighttime activity
    - Discourage operations between midnight and 5:00 a.m.
  - Reduce the use of the third runway
    - Encourage better distribution of aircraft operations among runways
  - Active Noise Control (noise-cancelling speaker technology)
  - Improve homebuyers' awareness of airport noise
    - Add noise contour information to assessor property records
    - Provide clearer airport noise disclosure information in King County assessors database

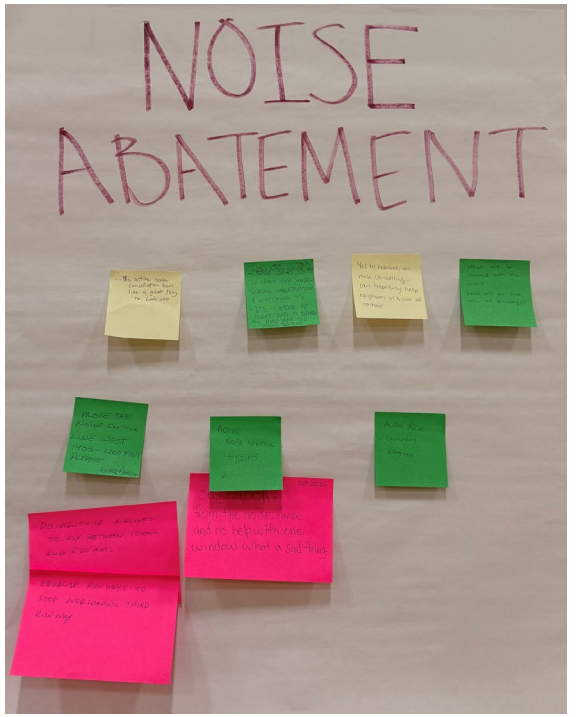


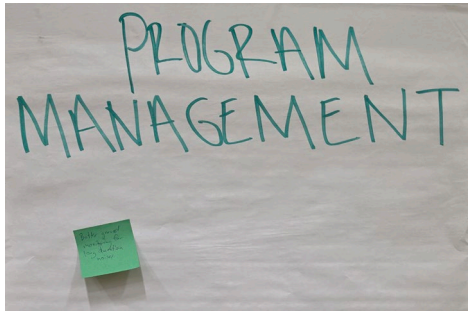


Summary of NCP Public Workshops

- Other Suggestions/Concerns
  - Increase FAA and local leadership participation
    - Lack of involvement from FAA, Port Commissioners, and elected officials at workshops
  - Explore regional airport and cargo solutions
    - Shift some passenger or cargo activity to other regional airports
    - Evaluate dedicated freight facilities outside of SEA
  - Consider impacts in communities farther from the Airport
    - Evaluate noise effects beyond traditional study areas
  - Expand outreach to overflight communities
    - Hold future workshops in communities under flight paths
    - Increase engagement with residents farther from SEA
  - Continue advancing quieter aircraft technology
    - Support quieter aircraft and engine designs







Other Comments Received (emails)

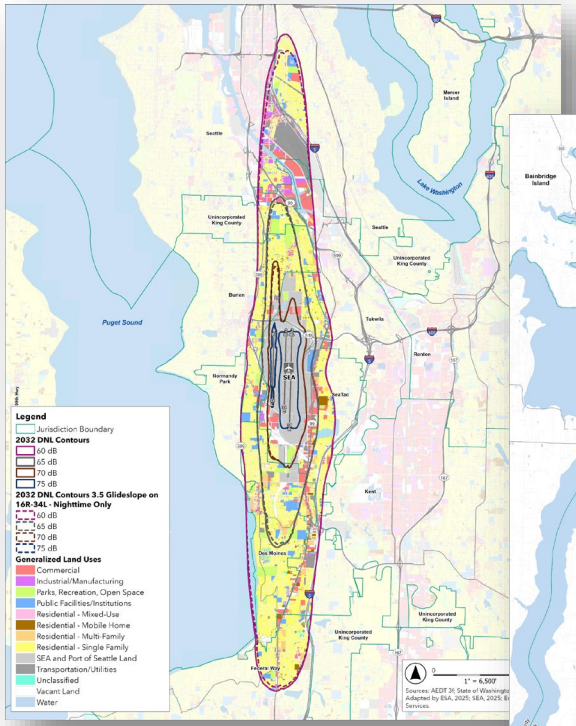
- Frequent Aircraft Noise Over Residential Areas
  - Concerns over frequent overflights and limited periods of quiet in neighborhoods north and east of SEA
  - Concerns focused on evening, overnight, and early morning hours
- Quality of Life
  - Sleep disturbance and reduced ability to rest
  - Interference with conversations, concentration, and enjoyment of outdoor spaces
- Support for Noise Abatement Measures
  - Evaluate flight paths, departure procedures, and altitudes that reduce noise over residential areas
- Interest in Expanding Elliott Bay Routing
  - Increase use/extend nighttime routing to daytime operations
- Requests for Additional Analysis and Mitigation
  - Evaluate/report supplemental noise metrics in addition to DNL
  - Consider mitigation options for communities outside the DNL 65

Summary of Potential NCP Measures

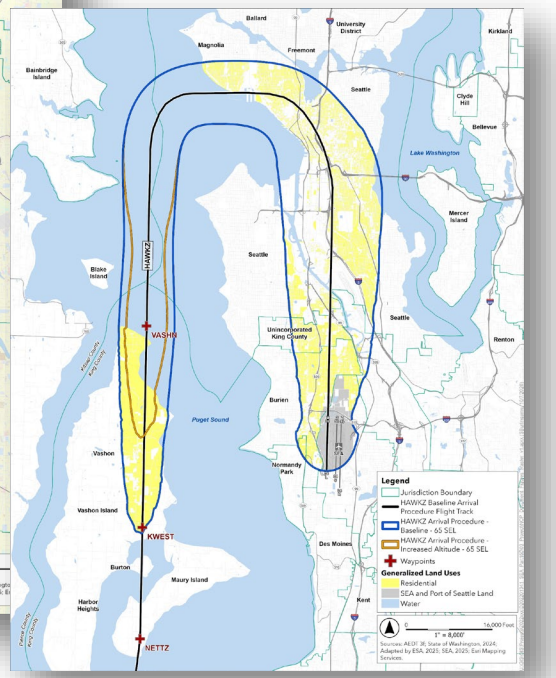
Potential NCP Measures

- **Noise Abatement Measures**
  - 3.5 Degree Increased Glideslope on Arrivals
    - All Runways, All Day
    - Runway 16R/34L, Nighttime Only (10 PM – 7 AM)
  - Runway 16L and 16R Offset Approaches at Night
  - North Flow Departure Corridor
  - Arrival Modifications – Increased Aircraft Altitudes
  - Arrival Modifications – Potential Flight Track Alternatives
  - Increased Use of North and South Flow Required Navigation Performance (RNP) Z Approaches at Night

Increased Glideslope
16R/34L Nighttime Only

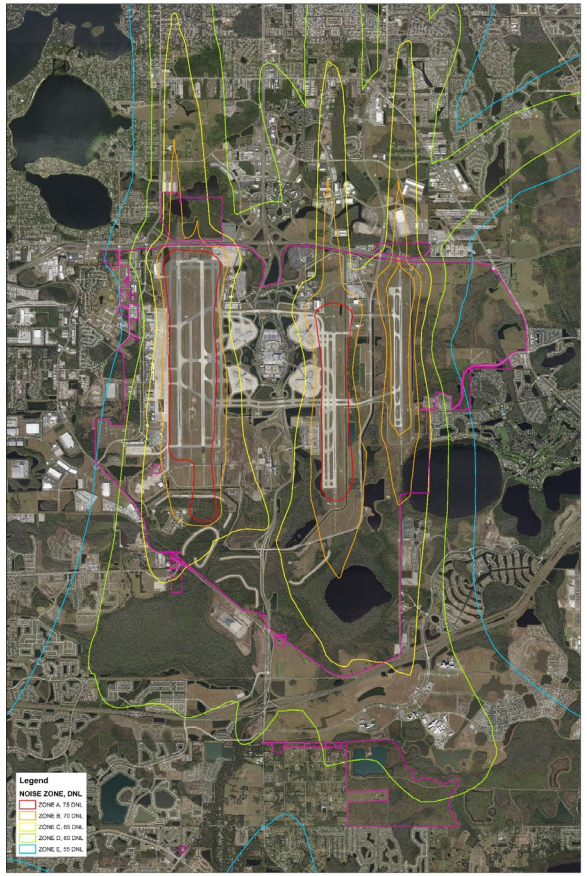


Increased Aircraft Altitudes
(HAWKZ)



Potential NCP Measures

Example of Noise Zones
Orlando International Airport (MCO)



Source: Greater Orlando Aviation Authority (GOAA), 2026.

King County Assessor Database

LAND DATA

Highest & Best Use As If Vacant	SINGLE FAMILY
Highest & Best Use As Improved	PRESENT USE
Present Use	Single Family(Res Use/Zone)
Land SqFt	6,387
Acres	0.15

Percentage Unusable	
Unbuildable	NO
Restrictive Size Shape	NO
Zoning	RL
Water	WATER DISTRICT
Sewer/Septic	PUBLIC
Road Access	PUBLIC
Parking	ADEQUATE
Street Surface	PAVED

Views

Rainier	
Territorial	
Olympics	
Cascades	
Seattle Skyline	
Puget Sound	
Lake Washington	
Lake Sammamish	
Lake/River/Creek	
Other View	

Waterfront

Waterfront Location	
Waterfront Footage	0
Lot Depth Factor	0
Waterfront Bank	
Tide/Shore	
Waterfront Restricted Access	
Waterfront Access Rights	NO
Poor Quality	NO
Proximity Influence	NO

Designations

Historic Site	
Current Use	(none)
Nbr Bldg Sites	
Adjacent to Golf Fairway	NO
Adjacent to Greenbelt	NO
Other Designation	NO
Deed Restrictions	NO
Development Rights Purchased	NO
Easements	NO
Native Growth Protection Easement	NO
DNR Lease	NO

Nuisances

Topography	
Traffic Noise	HIGH
Airport Noise	1
Power Lines	NO
Other Nuisances	YES

Problems

Water Problems	NO
Transportation Concurrency	NO
Other Problems	NO

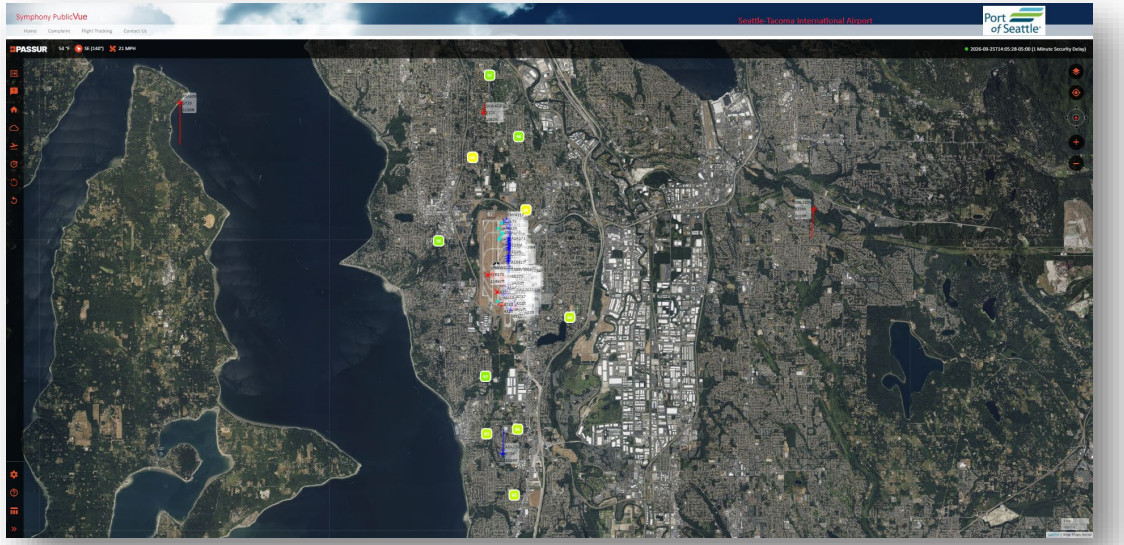
Environmental

Environmental	NO

- **Land Use Measures**
  - Expand Sound Insulation Program
    - Long-Term Transient Lodging
    - Residential Homes Eligibility (e.g., expand eligibility to construction prior to October 1, 1998)
    - Update Noise Remedy Boundary
  - Encourage Jurisdictional Land Use Measures
    - Zoning Amendments
    - Establish Noise Zones
    - Encourage Real Estate Disclosures for Properties within DNL 65
    - Encourage Amending Building Codes
    - Encourage King County to Refine Noise Nuisance Rating

Potential NCP Measures

- **Program Management Measures**
  - Continue Community Education and Outreach
  - Upgrade Noise and Operations Monitoring System (NOMS)
  - Expand Fly Quiet Program
  - Active Noise Control Systems



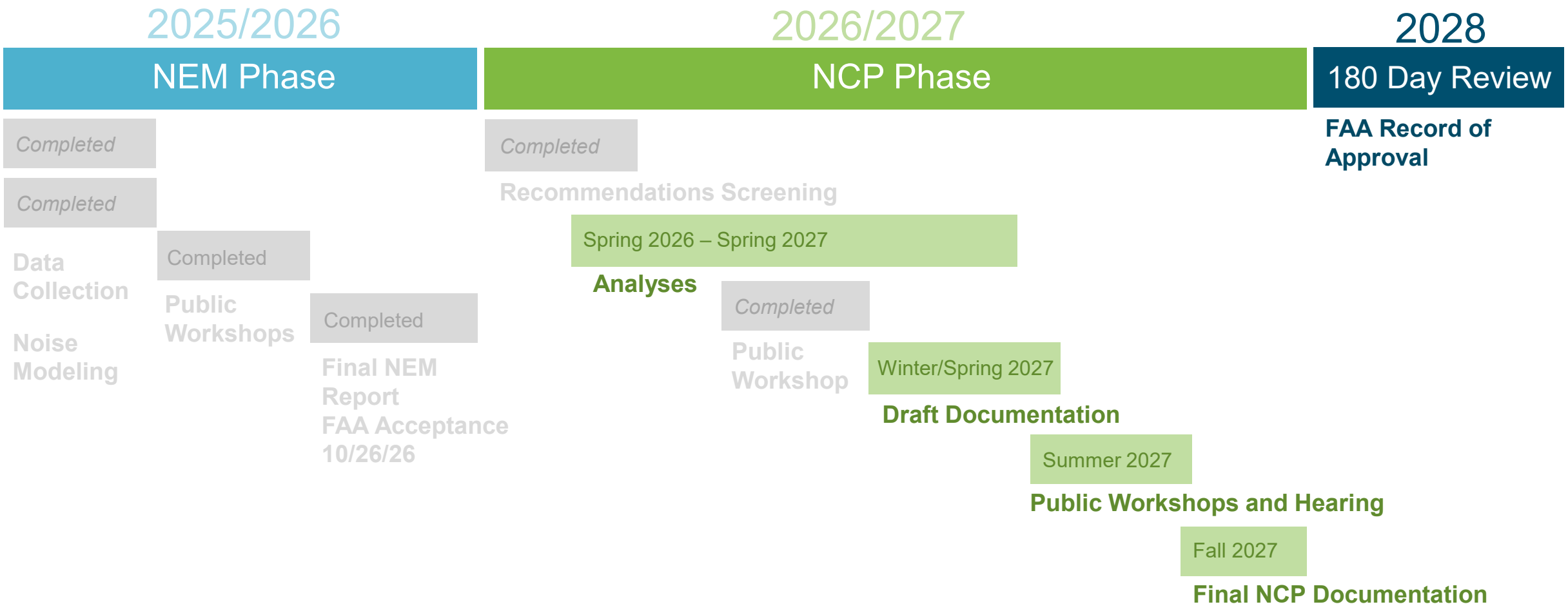


Other Potential Measures

- Additional Measures to Potentially Evaluate
  - Evaluate the feasibility and benefits of combined noise abatement measures
    - Aimed to provide benefit both inside and outside of the DNL 65
  - Continue to explore options to improve Fly Quiet program
    - Encouraging fleet optimization
    - Encouraging airlines to research and implement of quieter aircraft designs
  - Prioritize pre-2002 sound insulation repair and replacement program
  - Include noise abatement in Chart Supplement summarizing noise abatement program
- Requesting feedback from the TRC about additional measures

Schedule

Part 150 Study Schedule



Upcoming Meetings

- Technical Review Committee
  - TRC Meeting #9

February 2027

    - Discuss additional NCP analysis and draft NCP documentation
    - Provide information about NCP schedule

Following this meeting, TRC materials will be posted on the Project Website at www.seapart150.com

Questions?