

Seattle-Tacoma International Airport



Part 150 Study Technical Review Committee

Meeting #4 | August 11, 2025



TRC Welcome & Roll Call

TRC Members

- Alaska Airlines – Lynae Craig
- Delta Airlines – Kalena Glover
- King County – Susan McLain
- Burien – Liz Stead
- Des Moines – Jason Woycke
- SeaTac – Zach Shields
- Federal Way – Matthew Blinstrub
- Normandy Park – Jeff Watson
- Tukwila – Neil Tabor

TRC Liaisons

- FAA
 - Seattle CEO – Sky Laron
 - Western Service Center ATO – Rodney Lindbeck
 - Western Service Center ATO – Joe Bert
 - SEA ATC – Jason Poole
- Port of Seattle
 - Tom Fagerstrom
 - Ryan McMullan
 - Paris Edwards
 - Tom Hooper

Agenda

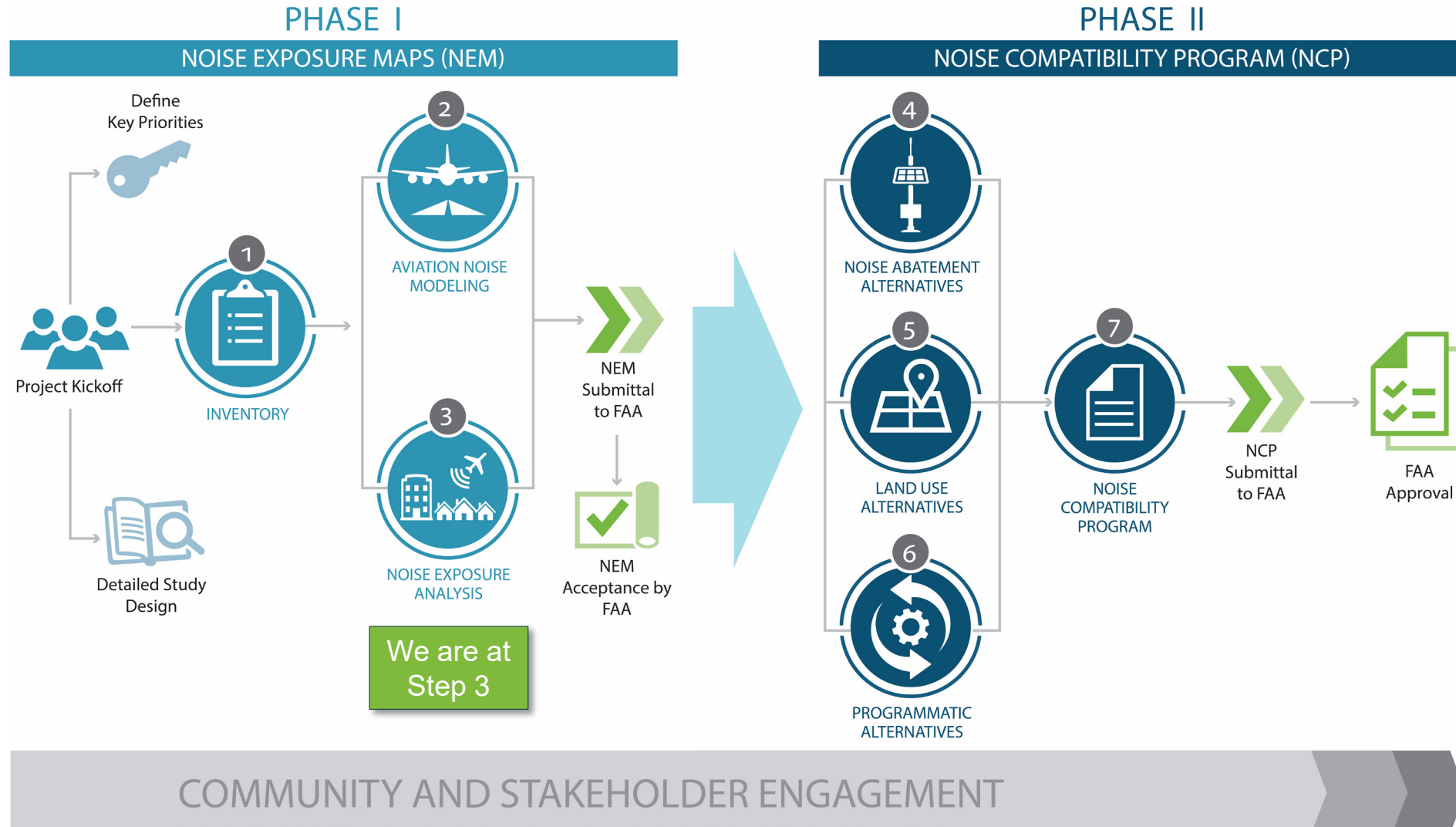
- Welcome & Roll Call
- Summary of TRC Meeting #3
- Phase 1: Noise Exposure Map (NEM) Update
- Phase 2: Noise Compatibility Program (NCP) Kickoff
- Project Schedule
- Future Meetings
- Questions

Summary of TRC Meeting #3

- Refresh on Purpose/Role of TRC
- Summary of TRC Meetings #1 and #2
- Noise Modeling and Flight Tracks
- Alignment with SAMP NTP's Environmental Review
- Shared 2022 and 2032 Noise Contours
- Land Use Data Collection
- Supplemental Noise Monitoring in Communities
- Overview of Outreach Efforts
- Update on Project Schedule

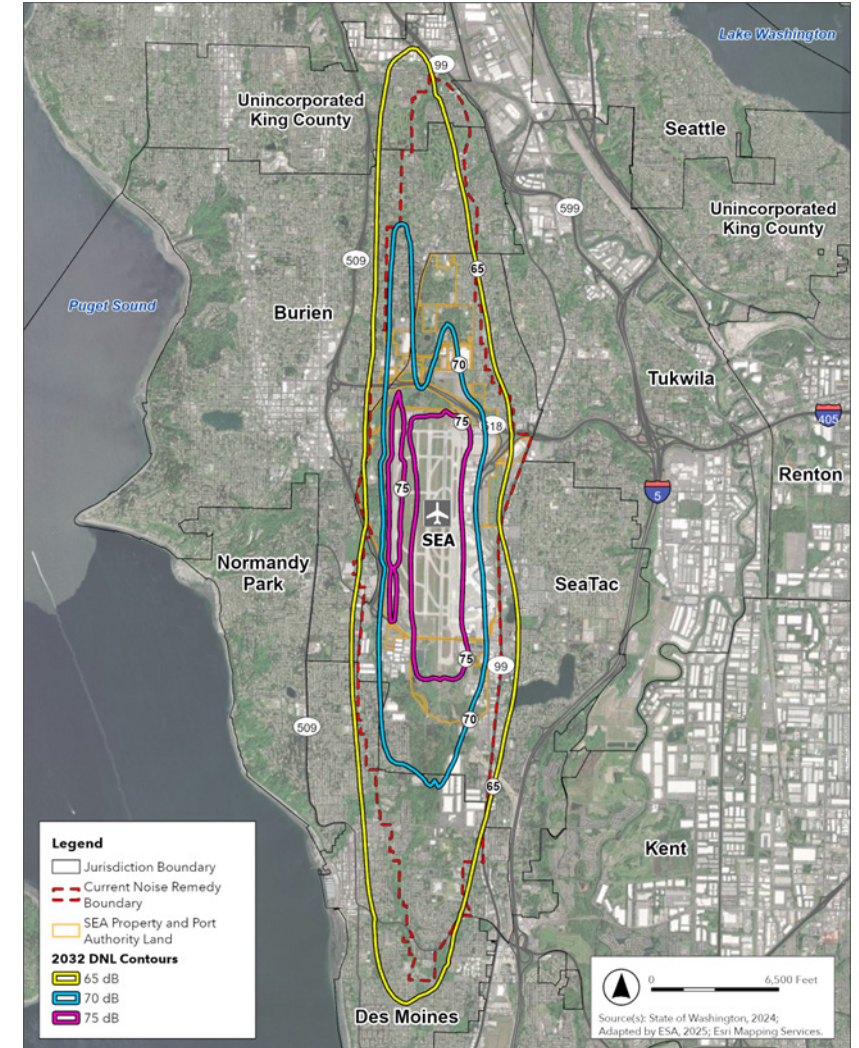
Noise Exposure Map (NEM) Update

Phases of a Part 150 Study



NEM Update

- Finalizing Land Use Database
- Setting up Meetings with LU Jurisdictions to:
 - Verify Current & Planned Land Use Data
 - Review Local Policies & Regulations
- Overlay NEM Contours on Updated Land Use
<https://seapart150.com/2032-noise-exposure-map/>
- Identify Noise Sensitive Uses
- Status of Draft NEM Report
- Public Workshops/Public Comment Period
- Respond to Comments and Submit Final NEM Report for FAA Compliance Review/ Approval



Noise Compatibility Program (NCP) Kickoff

General Overview of NCP Process



The NCP explores noise abatement, land use, and program management measures to minimize aircraft noise exposure



Input is solicited from study stakeholders, including the public



The FAA reviews entire NCP for completeness (e.g., technical, policy, effectiveness)



FAA has 180 days to review the NCP and issue their determination

FAA will review and approve/disapprove each recommended measure

Importance of TRC Involvement During the NCP Phase

- TRC members represent the interests of their organization and/or constituents
- TRC involvement in the NCP phase is key for a successful NCP:
 - Identify potential NCP measures
 - Provide subject matter expertise
 - Advise organization and/or constituents of NCP discussions
 - Solicit feedback from organization and/or constituents
- 14 CFR Part 150 requires consultation with the following stakeholders:
 - FAA officials and other Federal officials having local responsibility of land uses within the DNL 65
 - Officials of the state and public/planning agencies that have jurisdiction within the DNL 65
 - Aircraft operators using the Airport
 - General Public

Review of NCP Measures

All NCP measures evaluated must consider:

Reduction of existing incompatible land use and prevention / reduction of future incompatible land use

The FAA will not approve NCP measures that do not reduce exposure to noise of DNL 65 and higher

Safety and efficiency

Consistency with the powers and duties of the FAA

Avoidance of unjust discrimination against certain aircraft types

Interstate commerce
(Measures cannot impose an undue burden on interstate commerce; requires balancing of interests)

The ability to meet both local needs and national air transportation system needs

Noise Abatement vs. Noise Mitigation

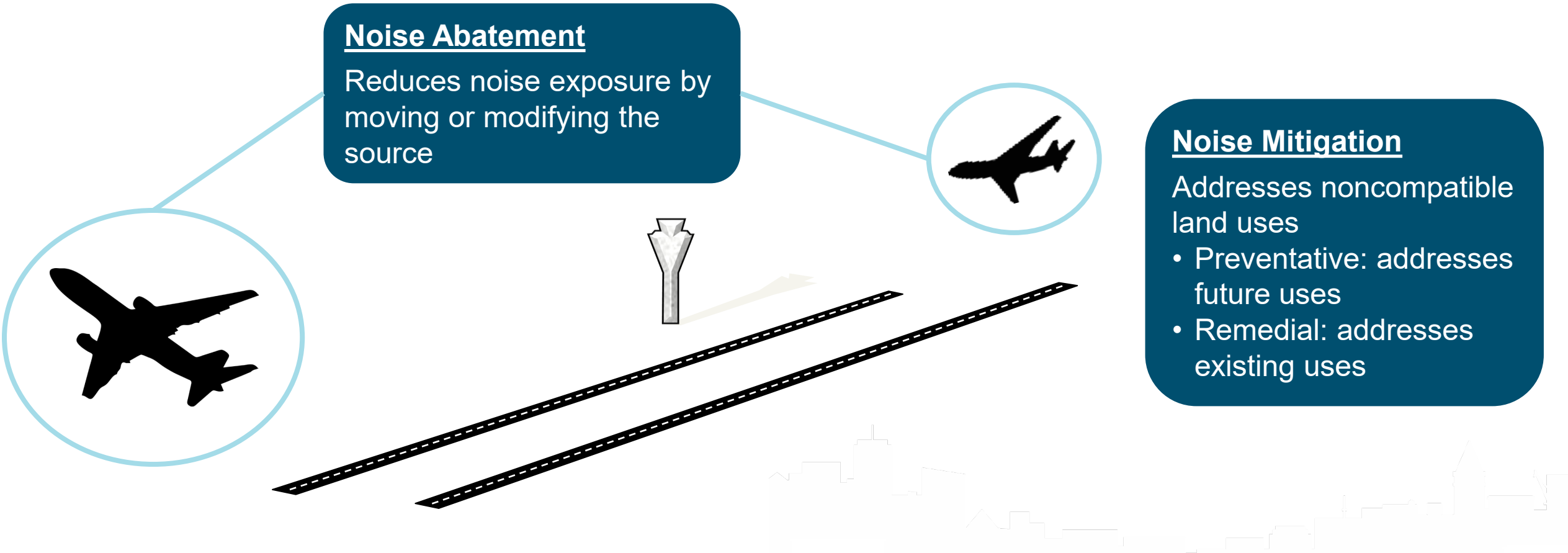
Noise Abatement

Reduces noise exposure by moving or modifying the source

Noise Mitigation

Addresses noncompatible land uses

- Preventative: addresses future uses
- Remedial: addresses existing uses

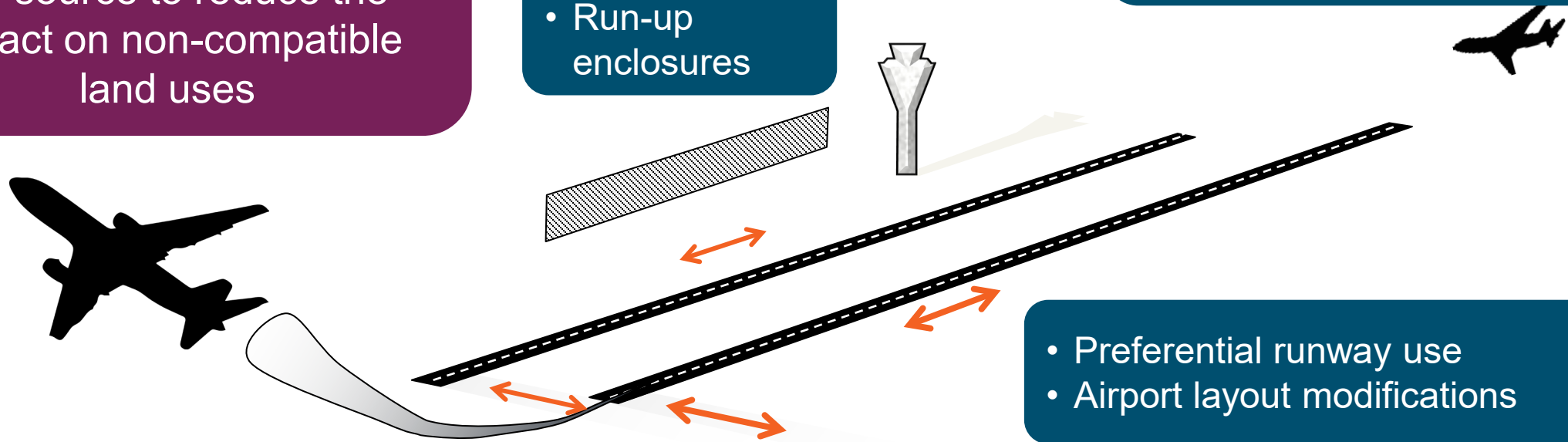


Types of Noise Abatement Measures

Noise abatement refers to measures to address noise at the source to reduce the impact on non-compatible land uses

- Noise barriers
- Run-up enclosures

- Noise abatement flight tracks
- Arrival/departure procedures
- Use restrictions (*subject to the requirements of 14 CFR Part 161*)



- Preferential runway use
- Airport layout modifications

Types of Land Use Measures

Land use measures address aircraft noise exposure through mitigating existing noise exposure on non-compatible land uses and/or prohibiting the introduction of new non-compatible land uses

Remedial Mitigation

- Land acquisition
- Sound insulation
- Aviation easements



Preventative Mitigation

- Land use controls
- Zoning
- Building codes
- Comprehensive plans
- Real estate disclosures

Types of Program Management Measures

Program management refers to the way an airport operator implements its noise abatement, noise mitigation, and community outreach efforts

Example Program Management Measures



Promotion,
education, and
signage



Implementation
Tools



Monitoring



Other actions proposed by
stakeholders and/or
recommended by the Federal
Aviation Administration (FAA)



Reporting



Noise Exposure
Map Update and
NCP Revision

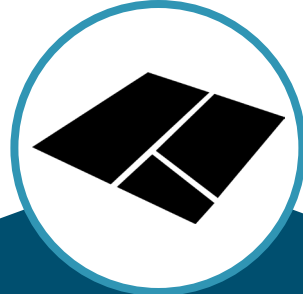
Example NCP Measures



Noise Abatement

- Noise abatement flight tracks
- Run-up enclosures
- Airport layout modifications
- Preferential runway use
- Arrival/departure procedures
- Use restrictions*
- Other actions proposed by stakeholders

*Subject to further notice, review, and approval requirements in 14 CFR Part 161



Land Use

- Remedial Mitigation
 - Land acquisition
 - Sound insulation
 - Aviation easements
- Preventative Mitigation
 - Land use controls
 - Zoning and/or Building codes
 - Comprehensive plans
 - Real estate disclosures
- Other actions proposed by stakeholders



Program Management

- Implementation tools
- Promotion, education, signage, etc.
- Monitoring
- Reporting
- NEM update
- NCP revision
- Other actions proposed by stakeholders

2014 Part 150 Study Recommendations*

- Noise Abatement Measures (2)
 - Construct a Ground Run-Up Enclosure (this was later determined to be infeasible)
 - Expand the Fly Quiet Program
- Land Use Mitigation Measures (4)
 - Sound insulate multi-family units based on updated Noise Remedy Boundary (NRB)
 - Offer avigation easements to mobile home residents
 - Evaluate noise levels at places of worship for inclusion in the Sound Insulation Program
- Program Management Measures (3)
 - Upgrade Noise Monitoring and Flight Tracking System
 - Periodically review and update the NEM and NCP as necessary
 - Continue to operate the Noise Office

*These are measures that were newly recommended in the 2014 Part 150 Study.



Project Schedule

Upcoming Public Workshops

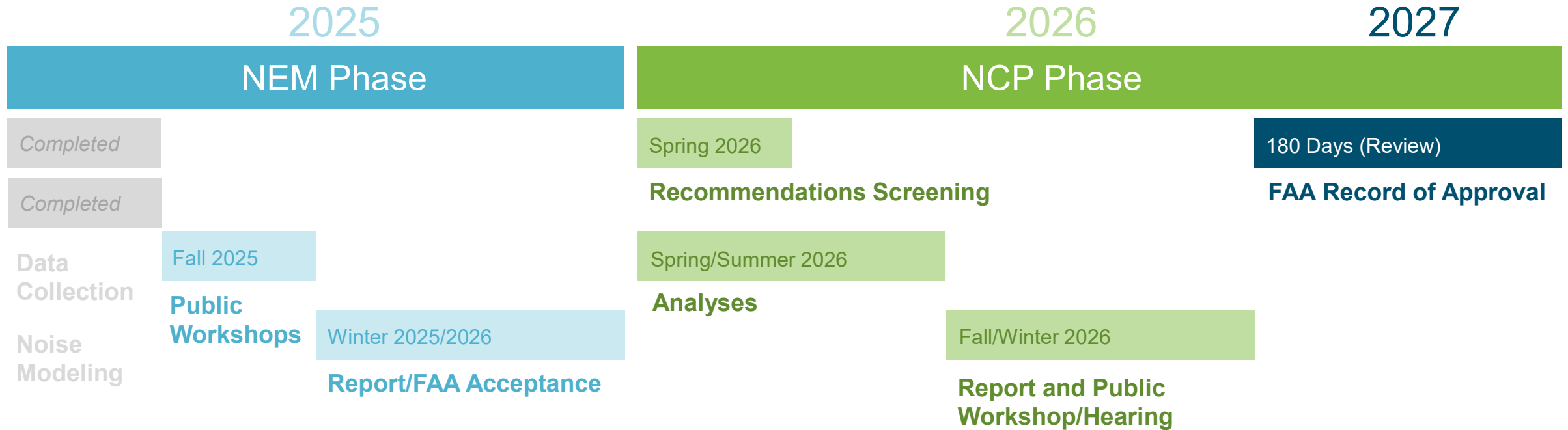
Public Workshop Dates:

- September 30, 2025
- October 2, 2025
- October 4, 2025
- Mid-October – Virtual Meeting

Locations to be confirmed by late-August and will be posted the Port's calendar of events and the Study website (www.seaport150.com)



Part 150 Study Schedule



Next TRC Meeting

Technical Review Committee

- TRC Meeting #5 (Tentative)

- Summary of Public Workshops
- Brainstorm potential NCP measures

Fall 2025

- Reminder notices will be sent out in advance of each meeting
- Following the meeting, TRC materials will be posted on the Project Website at www.seaport150.com

Questions?