

# MRD Review Panel

November 1, 2005

First meeting

# MRD Review Panel

- Background
  - Planning studies during the 1970's included
    - 1973 Conceptual Development and Environmental Study
    - 1977 Paine Field Community Plan
    - Airport Master Plan adopted 1981
    - ANC/LUC (Airport Noise Control / Land Use Compatibility Study) adopted 1981

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- “General Aviation” Role Adopted 4-11-78 reflects County Planning Commission recommendation which is a combination of the features of the “Revised General Aviation” and “Do Nothing” roles evaluated in the 1977 Paine Field Community Plan

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- General Aviation Role (1978)
  - “The principal aviation objectives of the General Aviation role would be to retain and enhance light aircraft general aviation as the dominant aeronautical activity at Paine Field.”
  - Other encouraged activities are
    - Aircraft related industries
    - Business and corporate aviation
    - Public service aviation
    - Air taxi service

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- General Aviation Role (1978)
  - Activities discouraged from expanding
    - Supplemental /Charter air passenger service
    - Large transport crew training operations
    - Air cargo aviation and
    - Military aviation

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- General Aviation Role (1978)
  - Other key provisions
    - Parallel runway recommendation
    - Expand airport commission
    - Create advisory council
    - Engage a mediator
    - The plan shall be subject to periodic review, so once noise levels and patterns are set at an acceptable level, Paine Field may take advantage of technological and operational improvements.

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- Key subsequent actions
  - Airport adopts noise abatement program 9-78
  - County adopts Interim zoning 11-78
  - Paine Field Mediation panel meets for 6 months during late 1978
  - County adopts Mediation panel recommendations 1-23-79

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- Mediation Panel recommendations
  - Paine Field will remain as adopted in 1978  
Role but adds :
    - Remain in compliance with the covenants in deeds and grants of the US government
    - Commuter service as an encouraged activity
    - Defines composition of Community Council
    - Revises land use section to reflect the interim zoning
    - notes military aviation noise abatement



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- Existing Noise Conditions
  - at time of rule adoption (1976 baseline PFCP)
    - 1,749 acres above 65DNL
    - 159 dwelling units above 65DNL

## Current (2002 baseline FAR Part 150 Study)

- 591 acres above 65DNL (*all on Airport, Boeing and WSDOT property*)
- 0 dwelling units above 65DNL

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- Projections for future noise impact

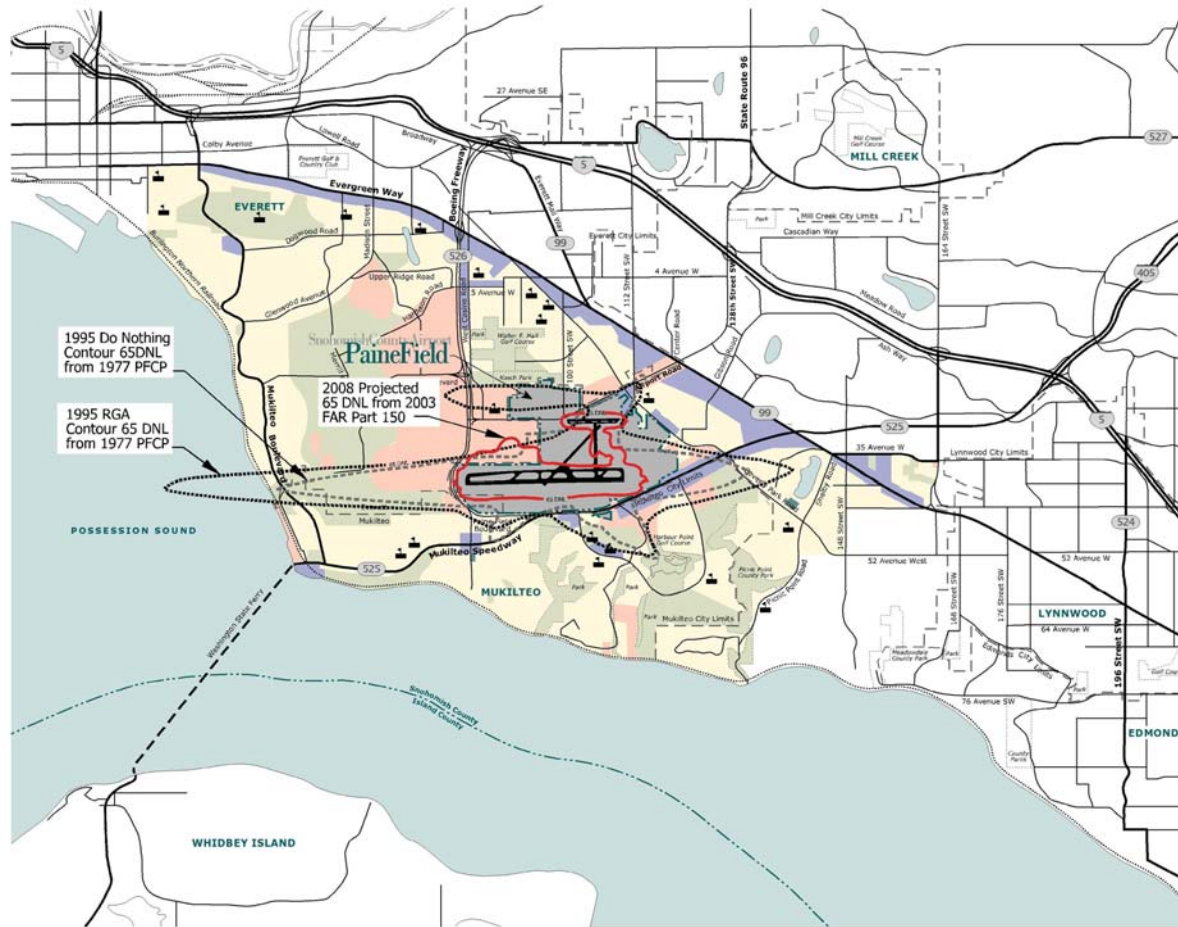
The PFCP projected by 1995

- 1,703 acres would be above 65DNL in the Do Nothing Role
- 2,453 acres would be above 65DNL in the Revised general Aviation Role

The 2002 FAR Part 150 projected 2008 that in

- 644 acres will be above 65DNL (*all on Airport, Boeing and WSDOT property*)

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- Existing activities in 1976 (188,596 ops)
  - Robust growth of light aircraft activity
  - Robust Boeing flight activity
  - Air freight activity associated with Alaska north slope oil development, Navy quick trans ops, fish haulers
  - Military Chinook and Huey helicopters, and transport crew training with C-141
  - Airline crew training with close in pattern leg over Mukilteo
  - low corporate jet operations - none based here

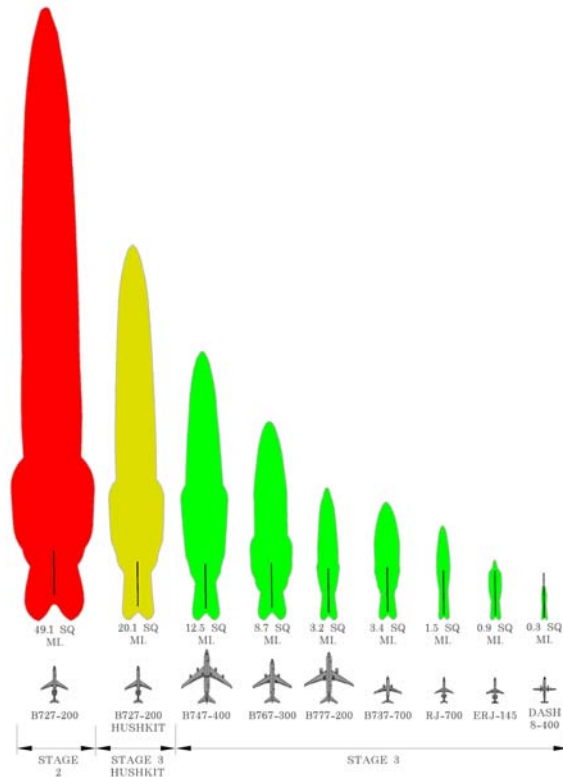
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- Existing activities 2005 (est 168,000ops)
  - Sluggish light aircraft general aviation operations despite growth in based aircraft
  - Growth in operations and based aircraft in business / corporate use
  - Boeing and Goodrich activity
  - No airline crew training
  - Few military
  - No freight

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- The noise impact changes (*2/3 reduction in impacted acres*) caused primarily by
  - improvements in engine and airframe technology
  - phase out of old noisy jets
  - the airport's noise abatement program
  - reduction in military and airline crew training flights
  - reduction in air freight flights

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- Why are you here

The County commissioners resolution adopting the Role “provides for regular review once noise levels and patterns are set at an acceptable level, so Paine Field may take advantage of technological and operational improvements.”