

Item No. 7a\_Supp

Date of Meeting: October 26, 2010



## Part 150 Noise Study Update

Stan Shepherd, Manager, Airport Noise Programs

Marco Milanese – Community Relations Manager

# Community Outreach

- 2 out of 6 planned Public Workshops
- Next Workshop scheduled October 27th
- Ongoing briefings and discussions at the Highline Forum
- 3 Technical Review Committee Meetings
- Briefings to several elected officials
- Special public meeting on noise metrics
- Open invitation to attend community and city councils meetings
- Extended outreach to limited English speaking community

# Temporary Noise Monitoring

- 11 temporary sites measured June 28 – July 9
- Gather technical data to verify the modeling
- Requests by the public for areas not already covered by one of the 25 permanent sites
- Two additional sites on Vashon Island monitored Sept 16 -22



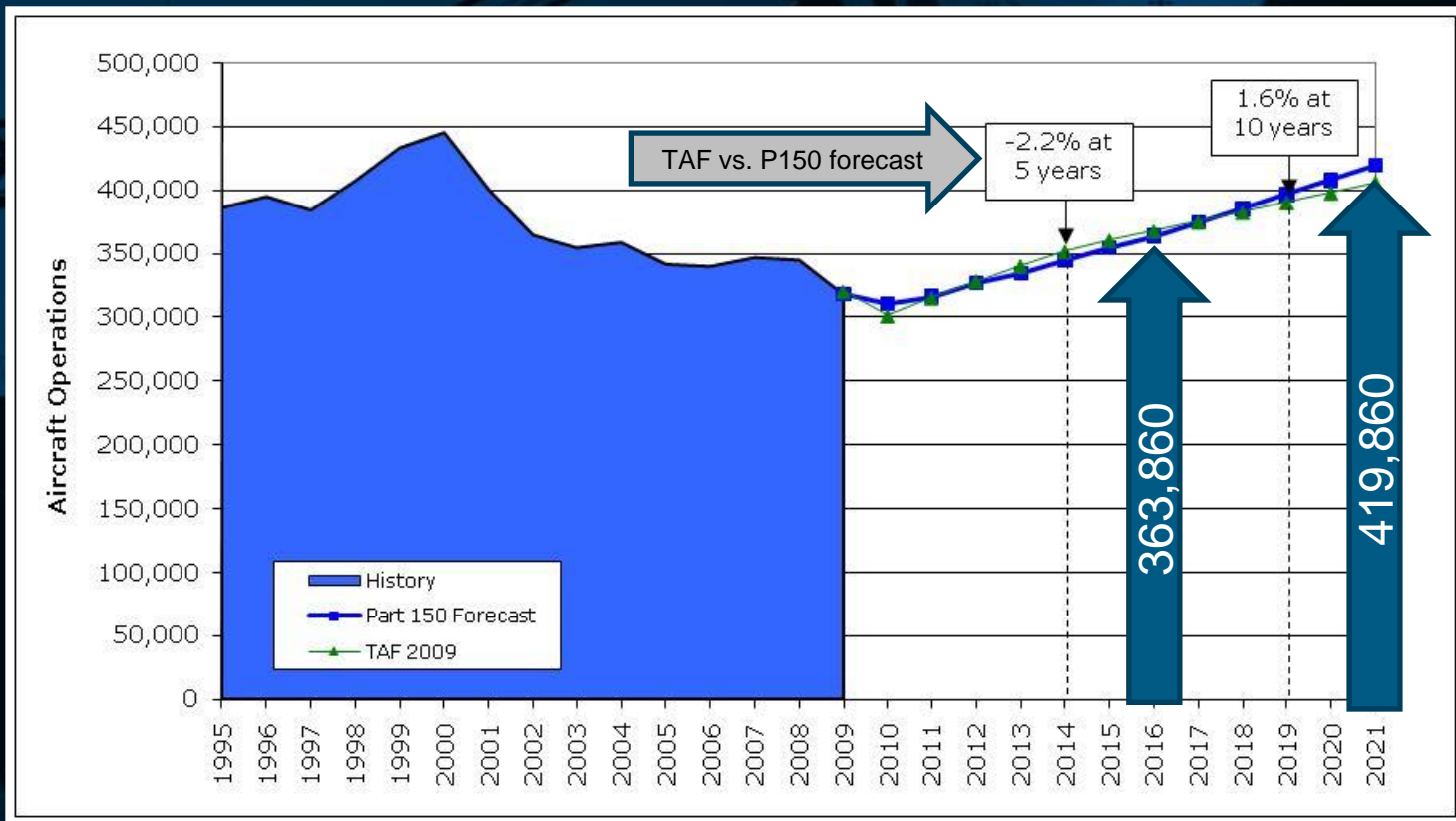
**Permanent  
Monitors**



**Supplemental  
Measurements**



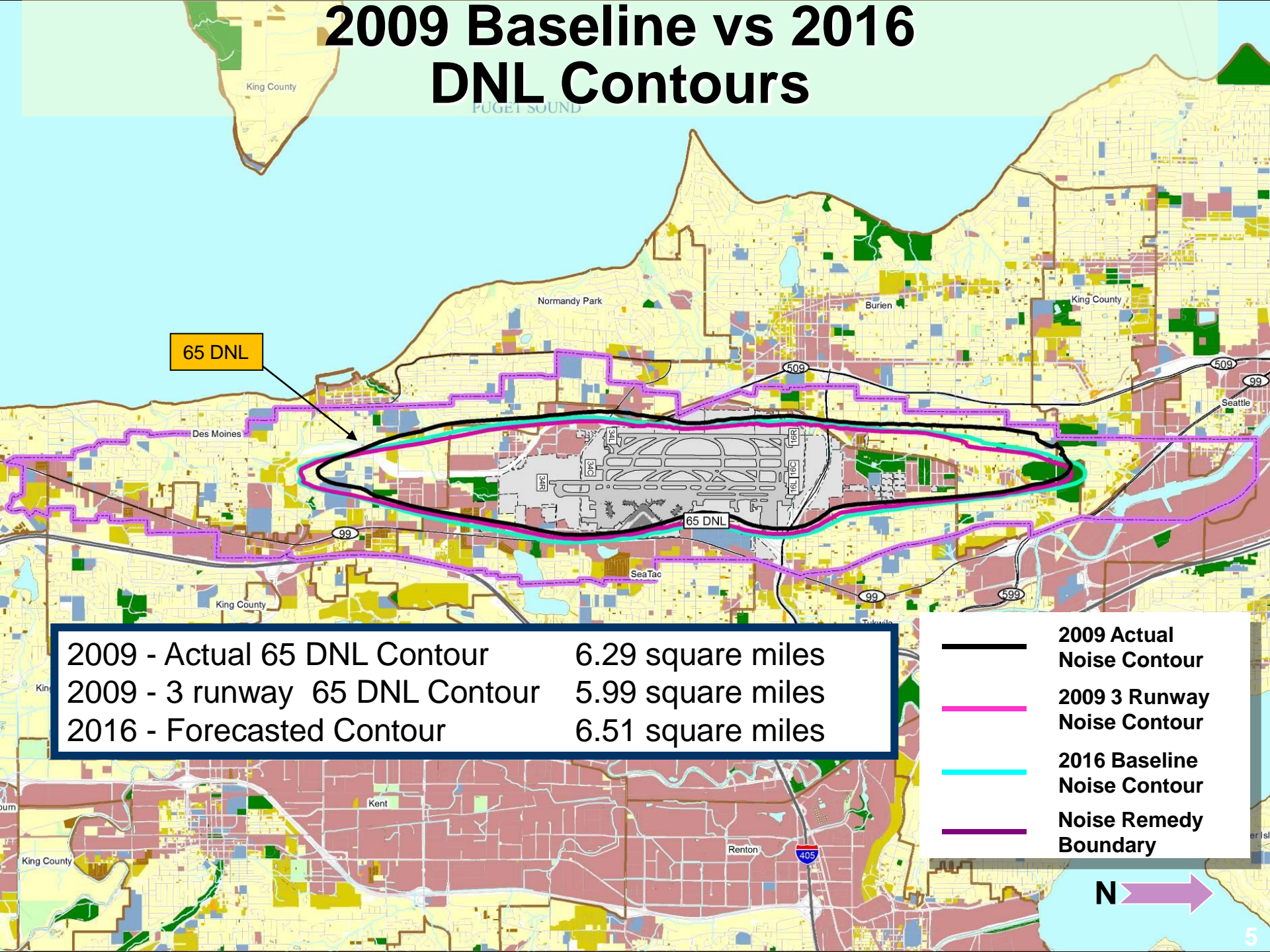
# Air Traffic Forecast



Average Annual Increase = 2.3%

TAF = FAA Terminal Area Forecast

# 2009 Baseline vs 2016 DNL Contours



65 DNL

2009 - Actual 65 DNL Contour 6.29 square miles  
2009 - 3 runway 65 DNL Contour 5.99 square miles  
2016 - Forecasted Contour 6.51 square miles

- 2009 Actual Noise Contour
- 2009 3 Runway Noise Contour
- 2016 Baseline Noise Contour
- Noise Remedy Boundary





# Runway Use Plan

- Letter of Agreement between the Port and the FAA
- Goal is to clearly state how and under what conditions the runways are expected to be used
- Identify conditions that allow for reduced operations on new 3<sup>rd</sup> runway
- Acknowledges that weather, and operational conditions may require deviations from the plan



# Next Steps

- Beginning hush house feasibility / siting study
  - Compatible land use analysis
  - Review mitigation alternatives
  - Review of noise abatement procedures
  - Possible improvements to the Fly Quiet Program
  - Evaluate flight tracking and noise monitoring system
  - Prepare 10 year forecasted contour
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- Developing a long range contour for the year 2030  
This will not be an official element of the Part 150