

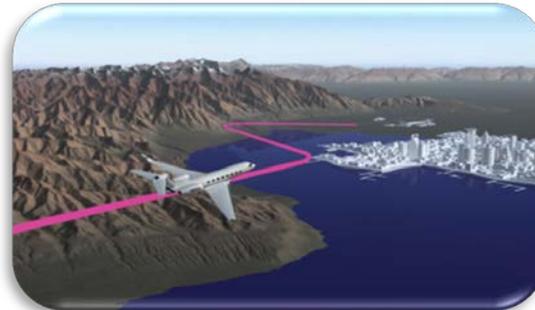
WSDOT Aviation Division: Aviation System Plan Update

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Washington Aviation System Plan Update & NextGen



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Overview of Presentation

Washington Aviation System Plan Update

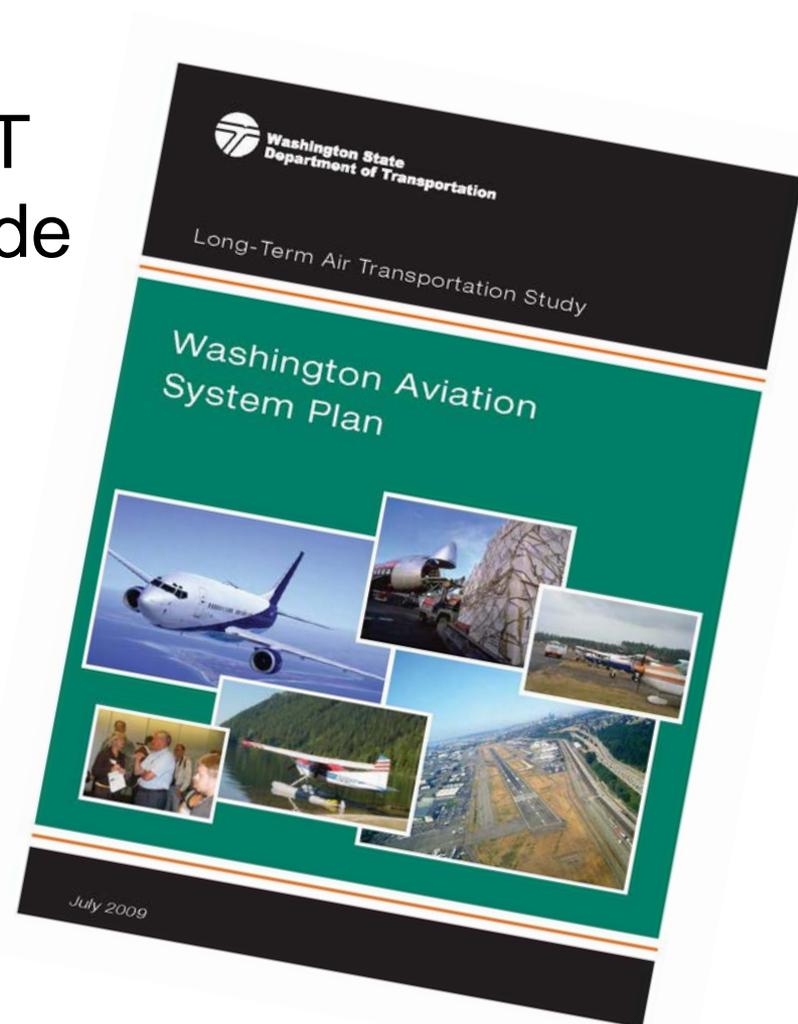
- Background
- Work elements
- Schedule

NextGen

- What is NextGen & Why It Matters
- WSDOT's Role in Implementation

Background

- RCW 47.68 authorizes WSDOT Aviation to develop the statewide system of airports
- Washington's first Aviation System Plan was adopted in 1973, and updated in 1993, 1998, 2001 and 2009



Purpose

- The primary purpose of airport system planning is to study the performance and interaction of an entire aviation system to understand the interrelationship of the member airports.
- The study involves examining the interaction of the airports with the aviation user requirements, economy, population, and surface transportation of a specific geographic area.

Work Elements

- The planning process includes:
 - Exploration of issues that impact aviation in the study area
 - Inventory of the current system
 - Identification of air transportation needs
 - Forecast of system demand
 - Consideration of alternative airport systems
 - Definition of airport roles and policy strategies
 - Recommendation of system changes, funding strategies, and airport development
 - Preparation of an implementation plan

Additional Work Elements

The study will examine emerging aviation issues such as:

- Unmanned Aircraft Systems (UAS) at airports
- The role of remotely-monitored technologies and blended airspace at airport towers



Preliminary Schedule

- Kick-off: December 2014
- Completion: December 2016

What is NextGen?

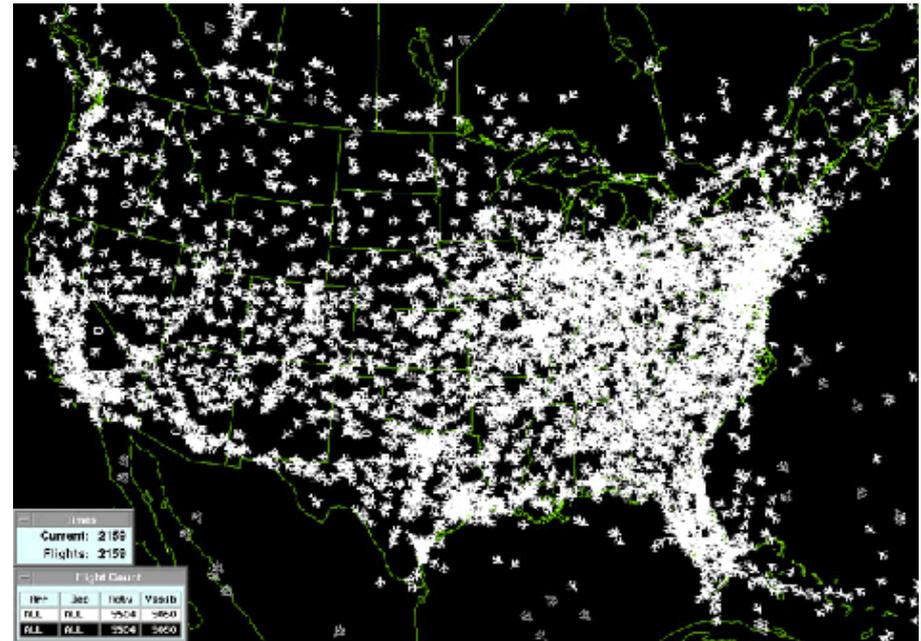
NextGen represents an evolution from a ground-based system of air traffic control to a satellite-based system of air traffic management



Why NextGen Matters

NextGen will:

- Improve approaches & low-visibility operations
- Enable more arrivals and departures
- Safely allow less separation between aircraft
- Allow more direct routes
- Reduce fuel consumption
- Reduce carbon emissions
- Reducing delays
- Reduce noise



How Does WSDOT Support NextGen

- Puget Sound Regional Council (PSRC) Study
- WSDOT anticipates a NextGen pilot project
- Accurate airport data is critical to NextGen
- Template for other airports in Washington



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