



Aviation Operations: Roles & Responsibilities Overview

Sea-Tac International Airport
Stakeholder Advisory Round Table (StART)
April 25, 2018

What we've heard...

StART Kick-Off Meeting Feedback

- Roles and responsibilities, decision-making authorities, influencers

Key Themes from Survey

- Aviation Operations, including noise, flight paths, mitigation

Pre-Submitted Questions

- Noise, flight restrictions, flight paths, airport growth, environmental



Agenda: Presentation & Panel

- Roles & Responsibilities Presentation
 - Market Dynamics
 - By Agency
 - Port of Seattle / Sea-Tac Airport
 - Federal Aviation Administration
 - By Example
 - Noise Programs
- Panel Discussion



ROLES & RESPONSIBILITIES

Market Dynamics



Review: Airport Governance

Federal



State and Local



SEATTLE-TACOMA INTERNATIONAL AIRPORT



Port of Seattle // Sea-Tac Airport



**Airports – Municipal purpose & public use, RCW 14.08.020; Essential Public Facilities, RCW 36.70A.200*

Federal Aviation Administration (FAA)



Kim Stover
Director, Air Traffic Operations
Western Service Area



Randy Fiertz
Director, Airports Division
Northwest Mountain Region



FAA: Mission / Vision



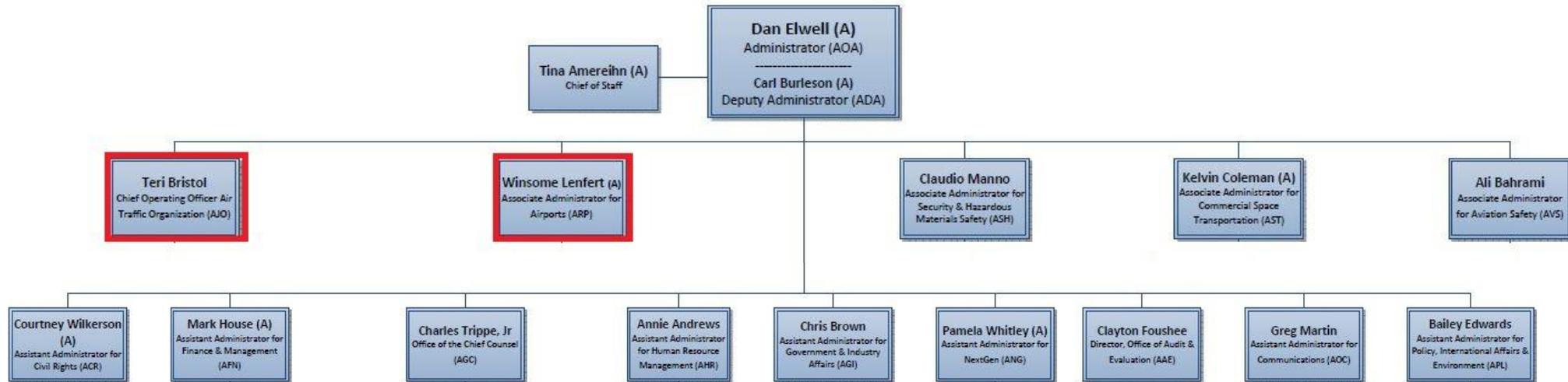
Mission: To provide the safest, most efficient aerospace system in the world.

Vision: We strive to reach the next level of safety, efficiency, environmental responsibility and global leadership. We are accountable to the American public and our stakeholders.

FAA Organizational Structure:

- Air Traffic Organization
- Airports
- Aviation Safety
- Security and Hazardous Materials Safety
- Commercial Space Transportation

FAA: Organizational Chart



FAA Airports Division: Key Aspects



- Engineering and Design Standards
- Airport Certification Safety Inspectors
- Airport Improvement Program (AIP) & Passenger Facility Charge (PFC) Program
- Planning and Environmental
- Economic Regulation and Oversight
 - Airport Revenue Use
 - Access
 - Rates and Charges

FAA: Air Traffic Organization



Air Traffic Services

Management Services

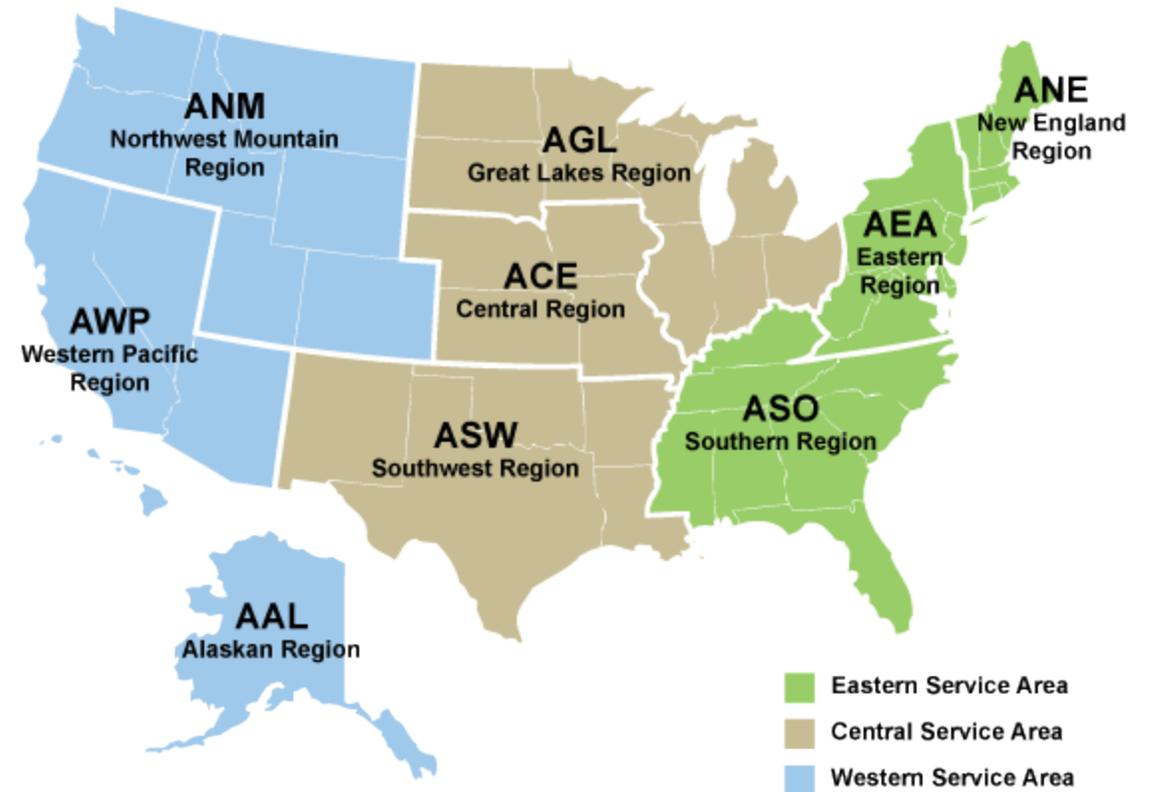
Mission Support

Program Management
Organization

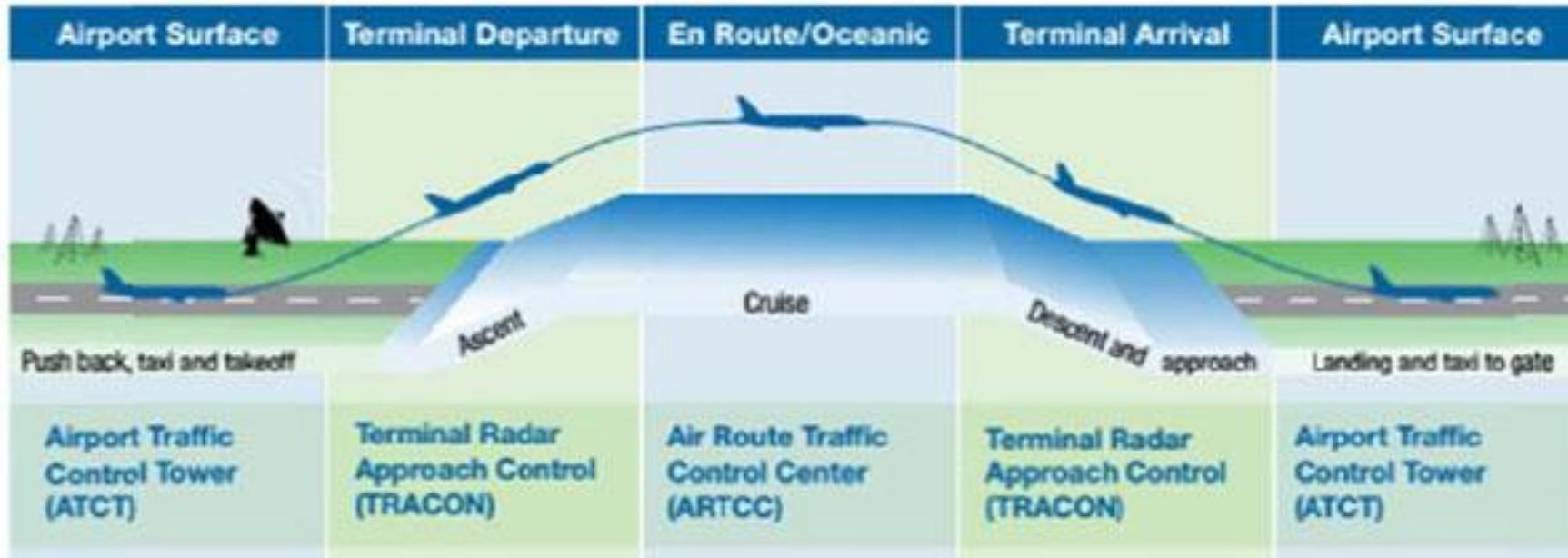
Safety & Technical Training

System Operations Services

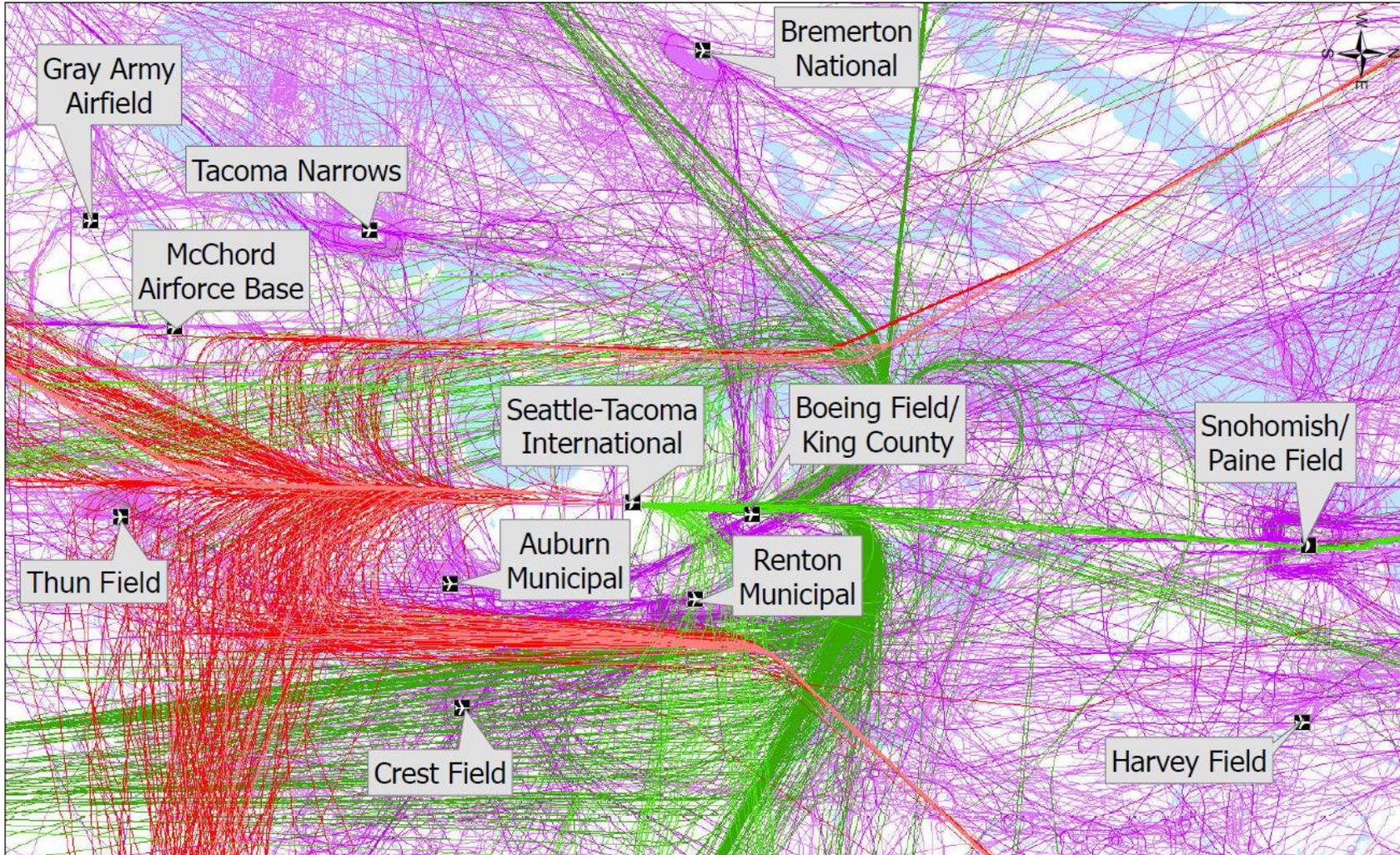
Technical Operations



FAA: Air Traffic Flow



Puget Sound Aircraft Flow (North Wind)



February 12, 2018
24-Hours

Legend

- Airports
 - SEA Prop Arrivals
 - SEA Prop Departures
 - SEA Jet Arrivals
 - SEA Jet Departures
 - Other Airport Flight Tracks
- 

Seattle's Nonstop International Services

AER LINGUS
AEROMEXICO
AIR CANADA
AIR FRANCE
ALASKA
ANA
ASIANA
BRITISH AIRWAYS
CONDOR
DELTA
EMIRATES
EUROWINGS
EVA
HAINAN
ICELANDAIR
KOREAN AIR
LUFTHANSA
NORWEGIAN
THOMAS COOK
VIRGIN ATLANTIC
VOLARIS
XIAMEN AIRLINES



Aer Lingus service to Dublin begins May 2018
Thomas Cook service to Manchester begins May 2018

Seattle's Domestic Nonstop Services



National Airspace System



Aviation's Economic Impact

Civil Aviation

Contributes:

\$1.62 TRILLION (CY2014)

Approximately

5.1% of GDP

National Airspace System 2017

- 946,846,000 Passengers
- 1.3 Trillion Passenger Miles
- 14,500 Air Traffic Controllers
- 584,000 Pilots
- 242,000 Aircraft
- 19,600 Airports

Sea-Tac: Part of greater National Airspace System



Sea-Tac Noise Programs: Roles & Responsibilities

- 🇺🇸 Federal Policy & Grant Funding
- 📣 Noise Abatement Programs
 - Noise Abatement Procedures
 - Flight Patterns
 - Aircraft Engine Maintenance Run-Ups Rules & Regulations
- 👂 Noise Remedy
 - Sound Insulation
 - Property Acquisition & Relocation
- 🤝 Community Outreach



PANEL DISCUSSION

