

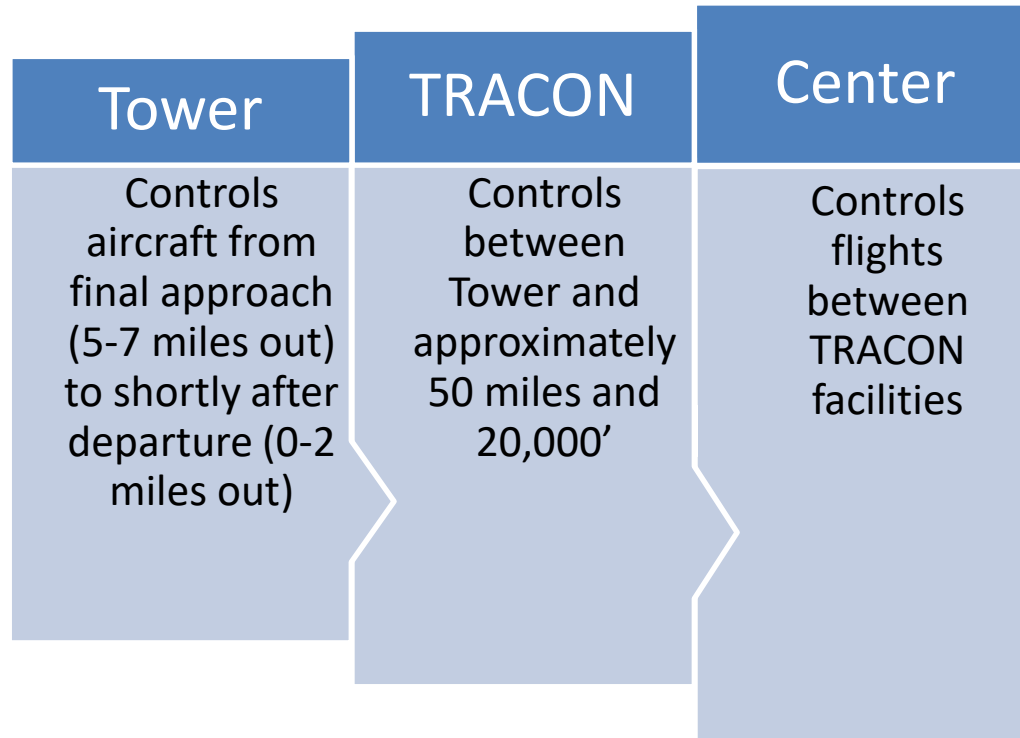
SEA-TAC Stakeholder Advisory Round Table

Airport Flight Pattern
General Briefing

Agenda

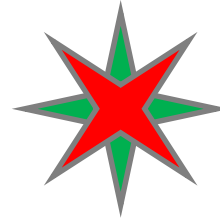
- Air Traffic Control Process
- Gates/Posts
- Arrival / Departure Patterns
- Departure Procedures & Standard Terminal Arrival Routes
- Other Factors
- Questions

Air Traffic Control Process



Gates/Posts

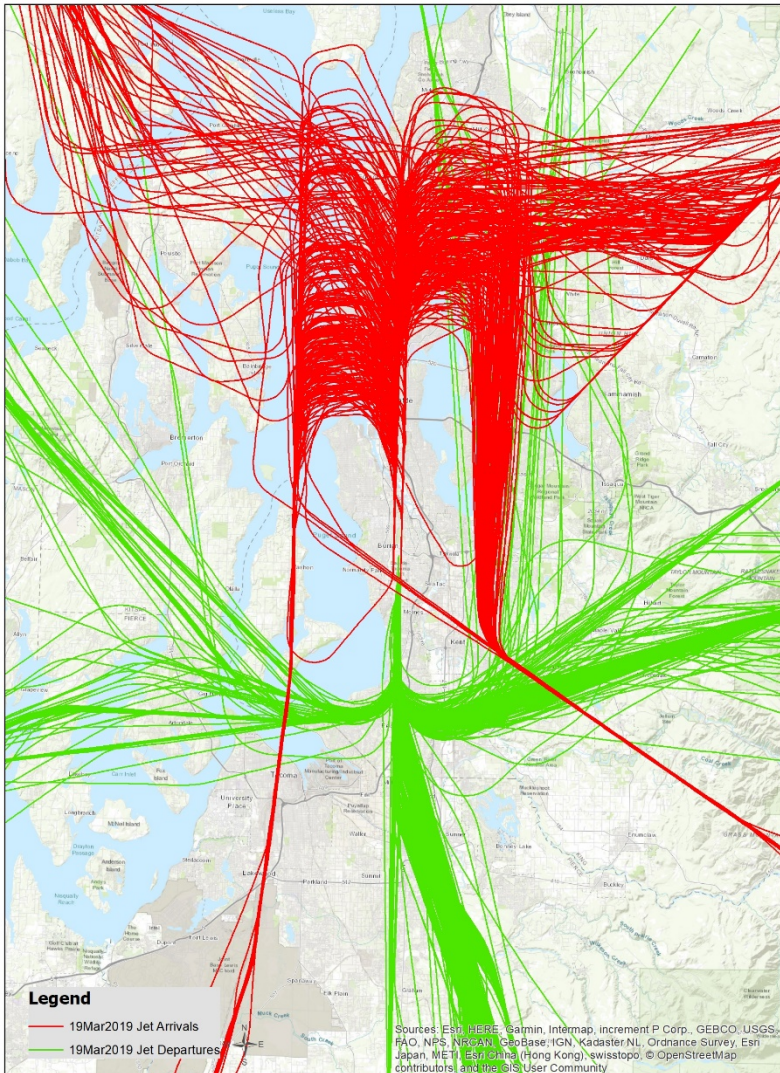
- The area surrounding the airport is subdivided into 8 areas
 - 4 Arrival Gates
 - 4 Departure Gates
- Arrival paths cross ovetop of departure paths
- Arrival/Departure Gate depends on airport of origin/destination
- Arrival/Departure Gates provide a predictable / repeatable exchange point between ARTCC (Center) and TRACON (Terminal) controllers



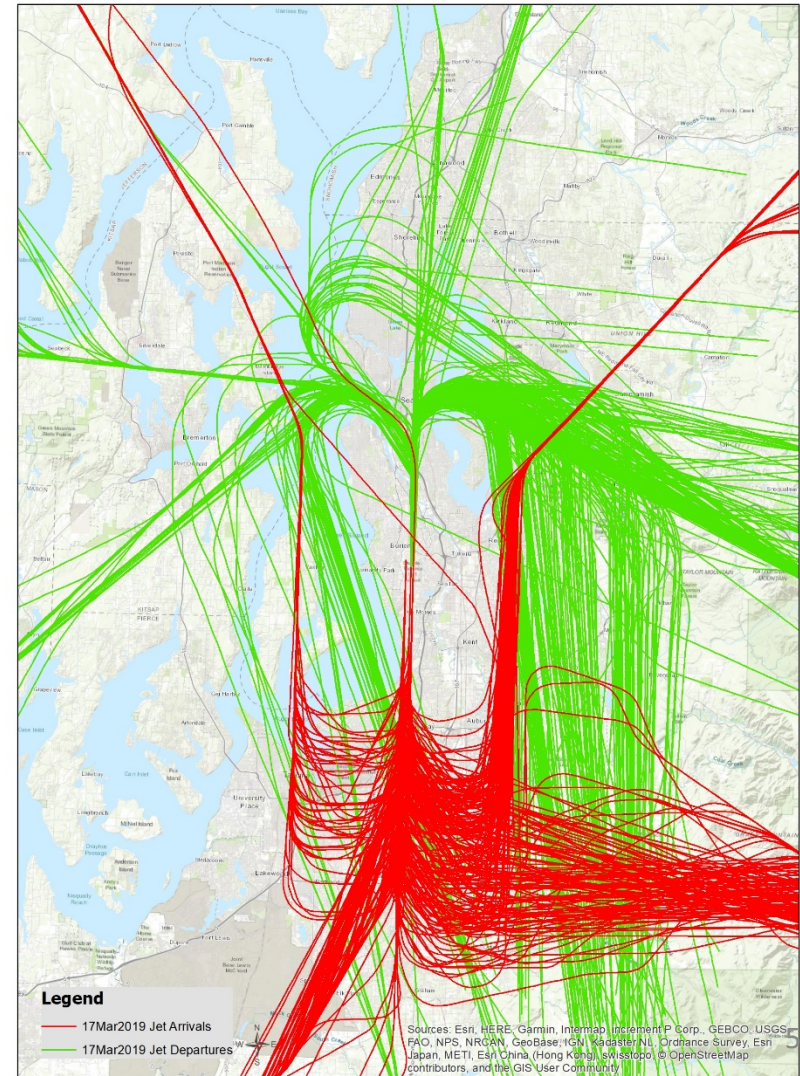
Arrival/ Departure Patterns

Jet Aircraft

South Flow



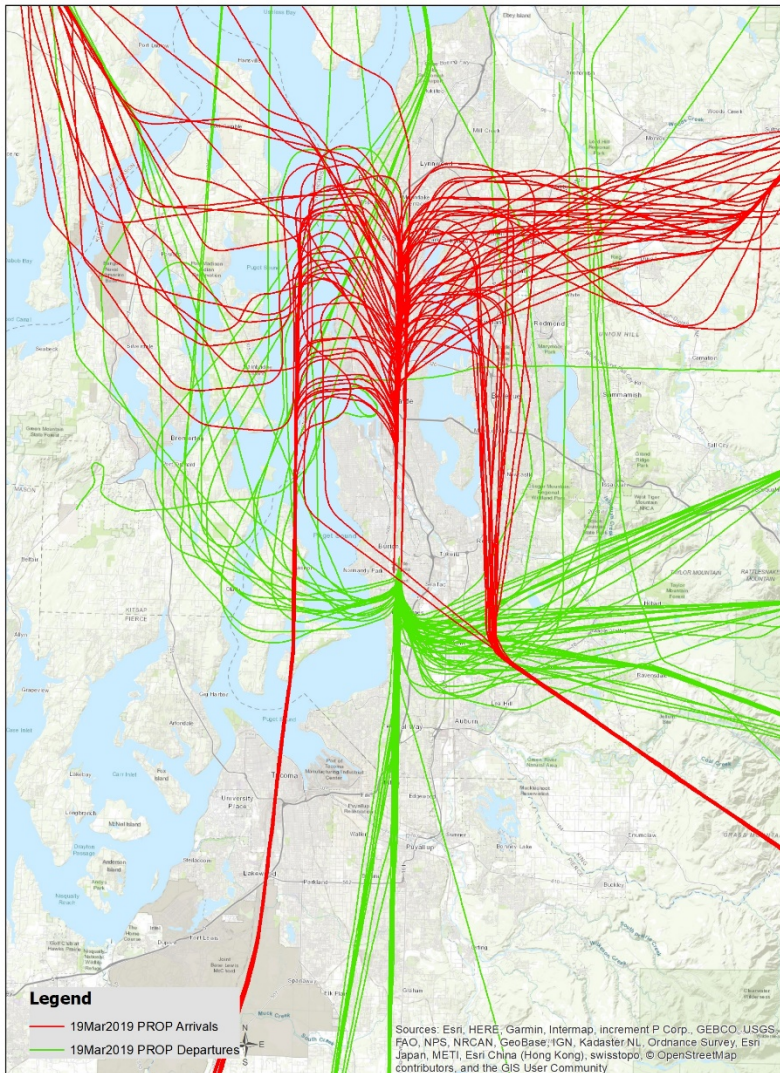
North Flow



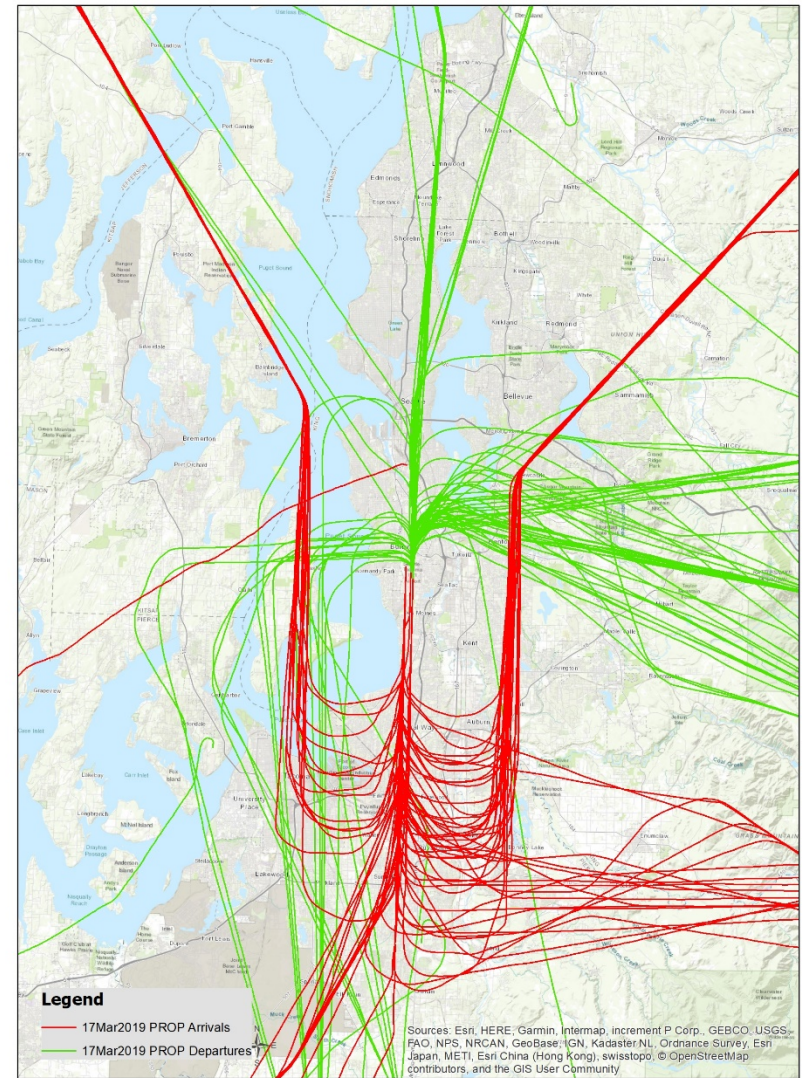
Arrival/ Departure Patterns

Prop Aircraft

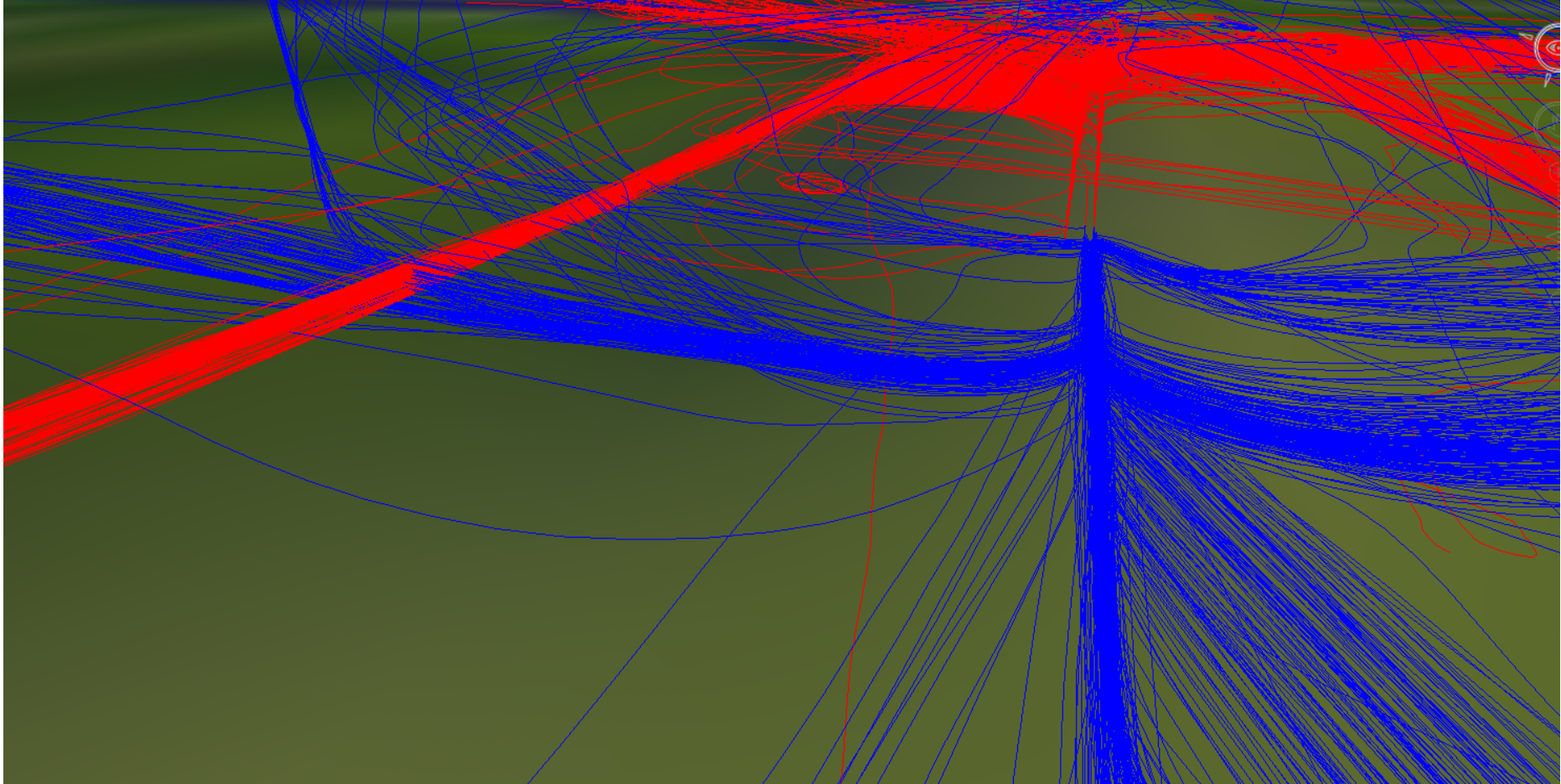
South Flow



North Flow

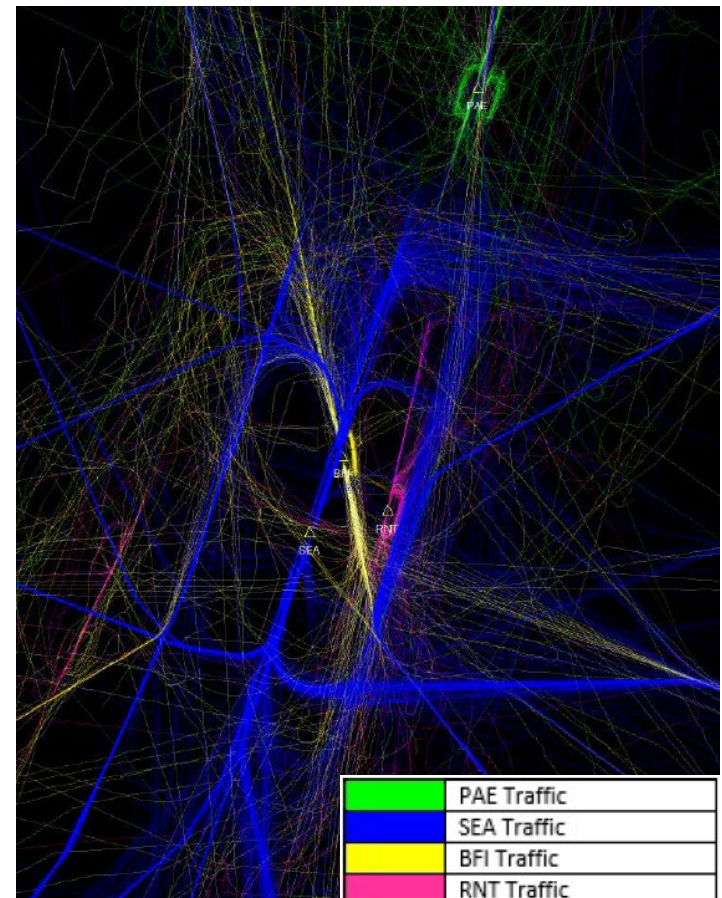


Crossing Points



Other Factors

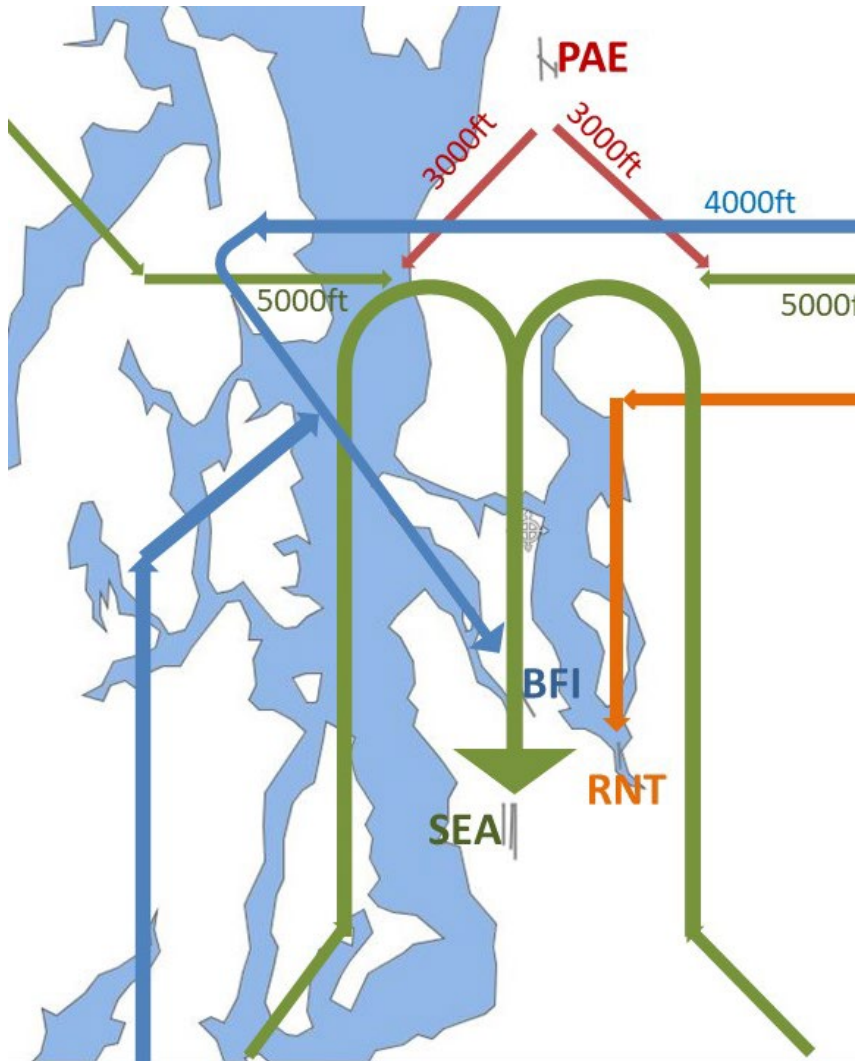
- Other factors that can impact flight paths or assigned routes include:
 - Topography
 - Airspace Complexity
 - Boeing Field
 - Paine Field
 - Renton Municipal
 - JB Lewis Mcchord
 - Aircraft Mix



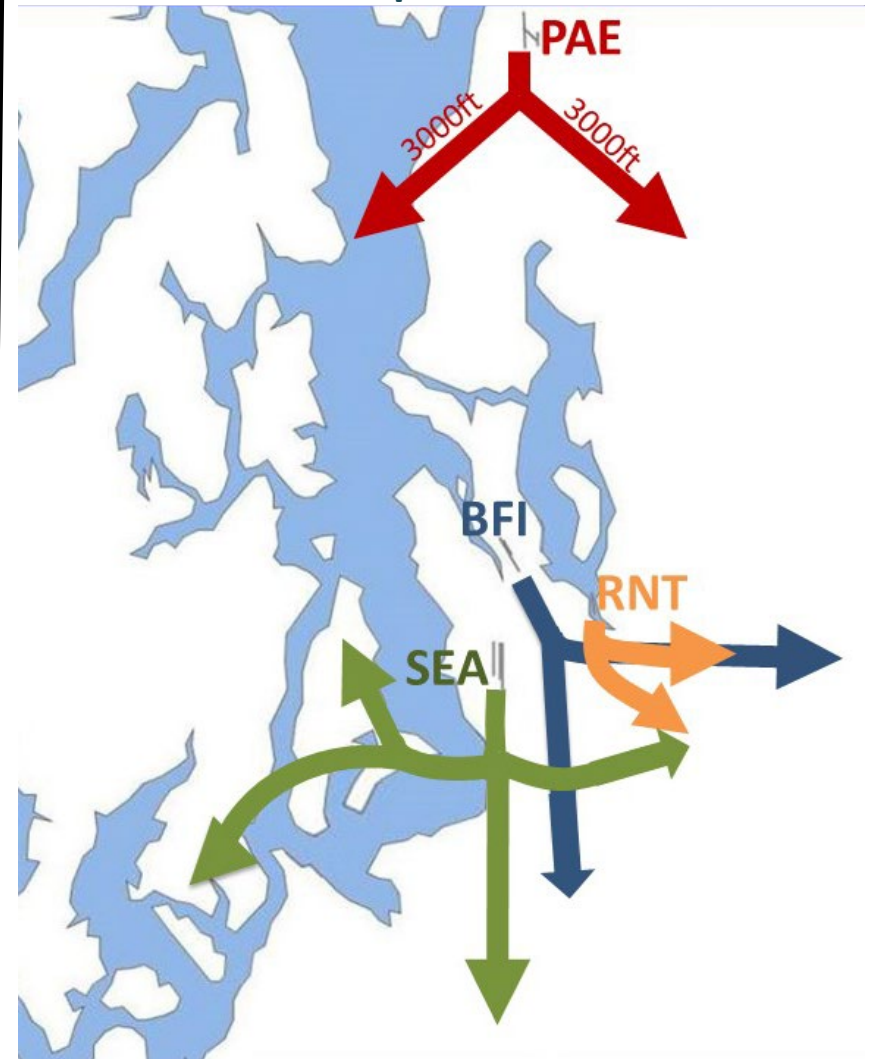
Airport Interactions

South Flow

Arrivals



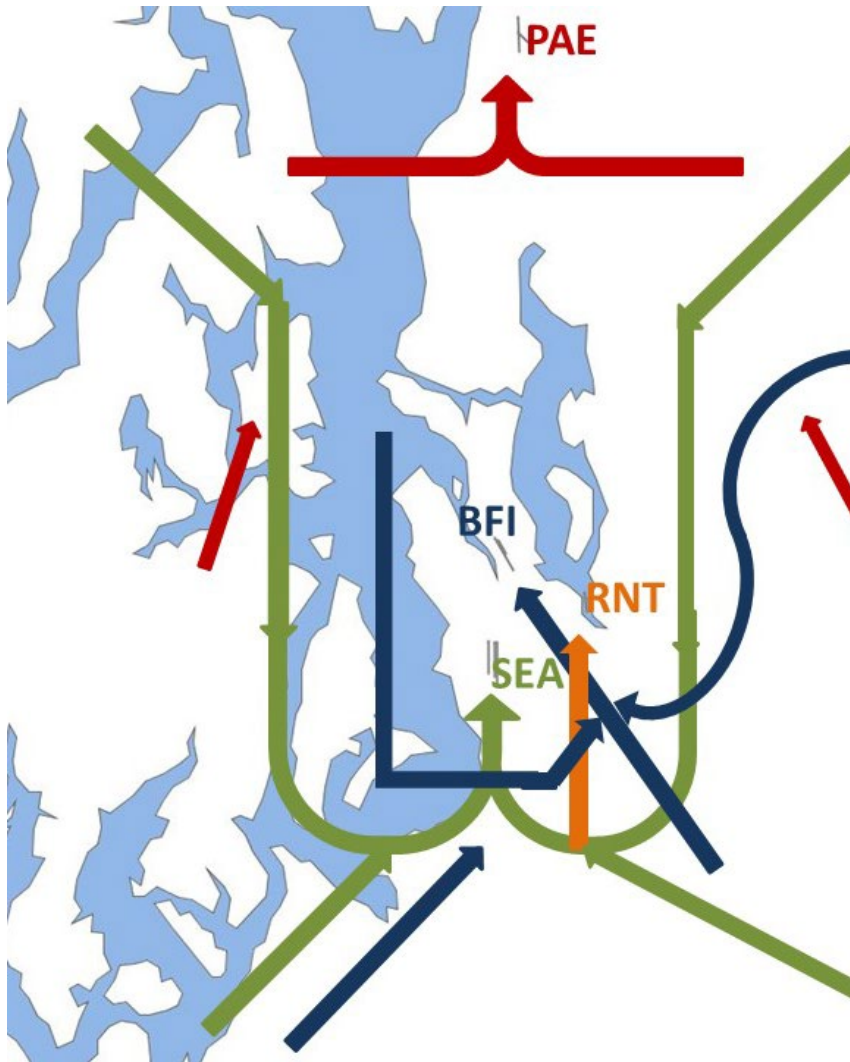
Departure



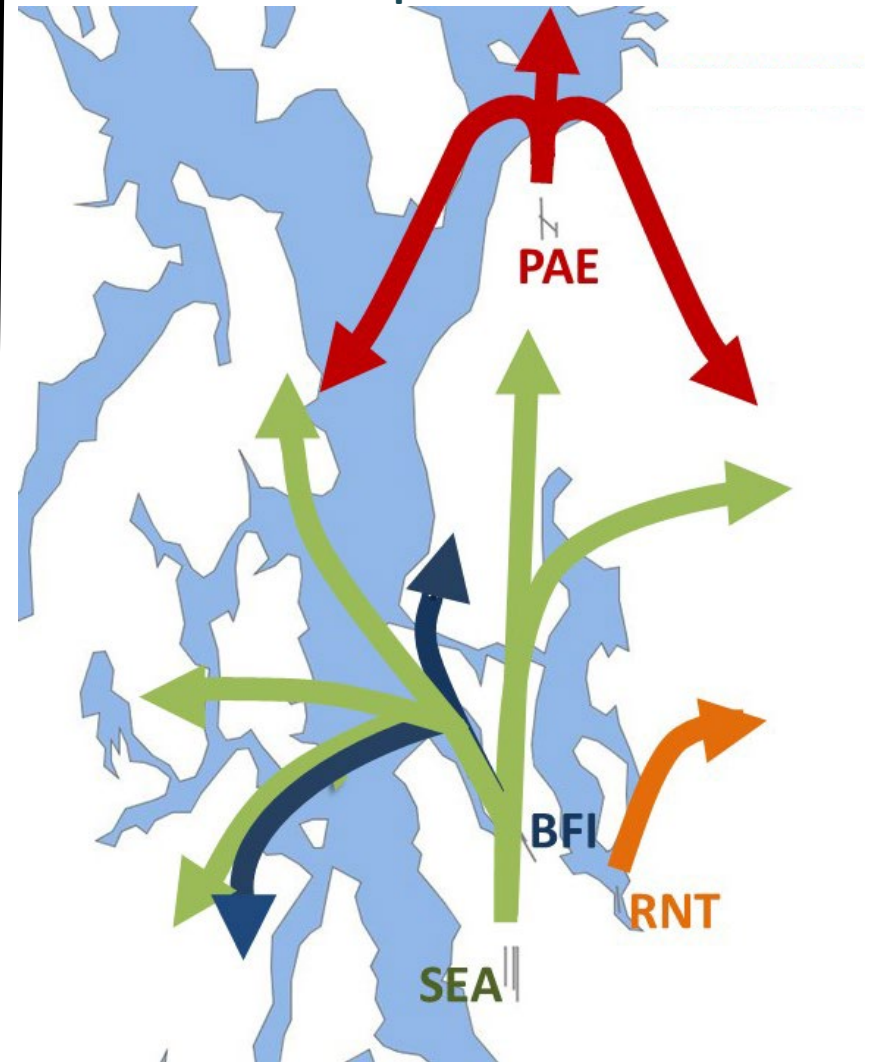
Airport Interactions

North Flow

Arrivals



Departure



Questions

