

REGIONAL AIR SYSTEM PLAN

RASP Update
Proposed Scope and Approach

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Aviation Technical Subcommittee
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Background

Potential additions could be considered selectively, without changing the RASP's core regional planning role.

01 Capacity scenarios

Test demand against hard runway, airspace, physical, and regulatory constraints.

02 Economic implications

Estimate the regional benefits of meeting demand and the costs of constrained capacity.

03 Environmental tradeoffs

Consider noise, emissions, ultrafine particles, and sustainable aviation fuel logistics.

04 Cargo and emerging issues

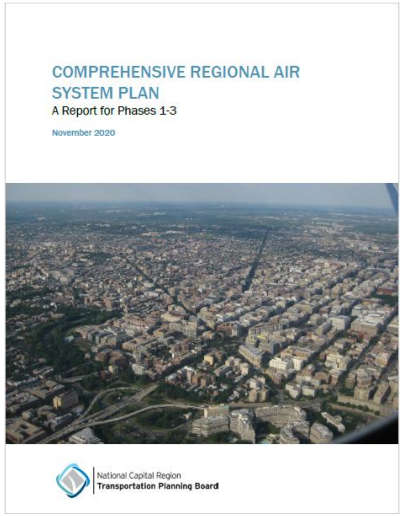
Explore advanced cargo systems, airport workforce needs, advanced air mobility, and autonomous vehicles.

05 Broader engagement

Add structured



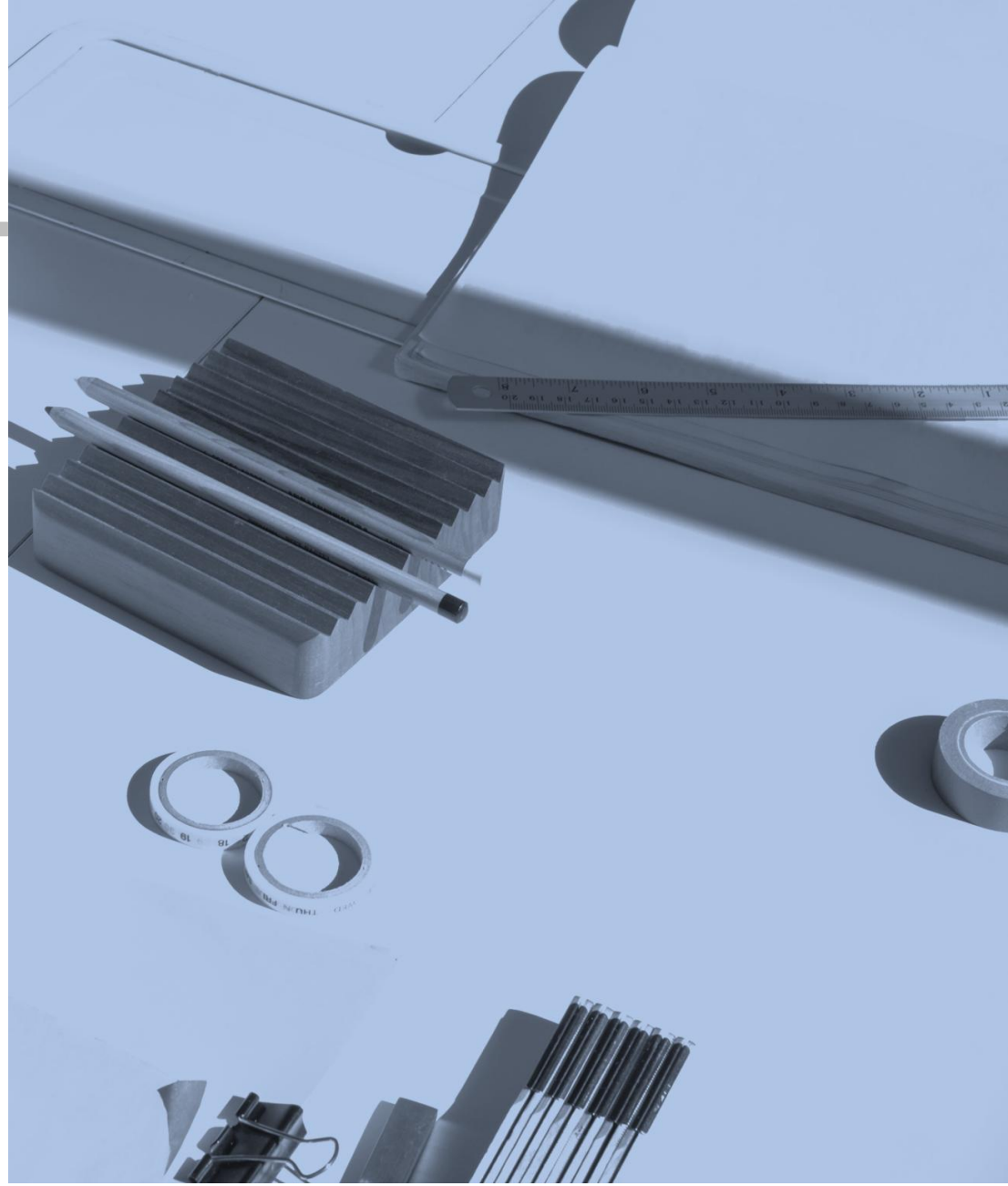
Puget Sound Regional Council
Regional Aviation Baseline Study
May 2021



MWCOG
Comprehensive Regional Air System Plan
November 2020

Setting the Direction

- Study purpose and objectives
- Target audience and proposed study approach
- Proposed study content
- Discussion and next steps



Study purpose and objectives

- Address key regional questions, such as:
  - Is the planned transportation network sufficient to support future multimodal access to the region's commercial airports?
  - What specific projects or project types should the region identify to improve airport accessibility?
  - What are the gaps, bottlenecks, and emerging transportation needs between current network plans and regional growth?
- Provide more specific and actionable recommendations building upon the 2020 RASP.
- Develop a regional snapshot of the economic and environmental impacts from commercial airports using existing data.

Study purpose and objectives

- **Audience**
  - Airport Operators and Aviation Stakeholders
  - State and Local Transportation and Planning Agencies
  - Regional Policymakers

- **Methodology**

Similar to the RASP and the RABS, the report will be developed in different phases.

RASP PHASES PROPOSAL

Phase 1

study scoping and baseline assessment

Phase 2

Future needs identification

Phase 3

Analysis and recommendations

Proposed study content

- **Study Framework and Context**

Defines the study's scope, goals, and regional study area, while incorporating stakeholder engagement and findings from related aviation studies.

- **Baseline Data and System Needs**

Establishes a baseline of the regional aviation system, assessing current airport needs, multimodal ground access (highway and transit), and key connectivity gaps.

- **Future Scenarios and Regional Impacts**

Incorporates existing aviation and ground access demand forecasts, explores emerging technologies, and compiles a high-level regional snapshot of economic and environmental impacts using available data.

- **Strategic Recommendations and Next Steps**

Identifies regional bottlenecks, outlines region-wide strategies that complement individual airport master plans, and establishes next steps for ongoing regional coordination.

Discussion

- What regional trends or challenges are top of mind for your airports?
- What ground access or connectivity issues should we capture in the baseline?
- Which regional issues would be most useful for us to address in our recommendations?
- Where would a regional perspective best support your individual planning?



Next Steps

- Incorporate ATS feedback into the study scope
- Identify available data sources, analytical needs, and coordination opportunities
- Refine the study methodology, deliverables, and timeline
- Continue coordination with airport partners and ATS through the study.

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