

Sustainable Airport Master Plan (SAMP)

Documentation Outline - DRAFT

PART 1: Summary Brochure (6-8 pages)

PART 2: Summary Report (125-150 pages) [Sections including sustainability in green font below]

EXECUTIVE SUMMARY

1—INTRODUCTION, PURPOSE, NEED & GOALS

- Purpose
 - Plan for 20 Year Development of Airport
 - Integrate Sustainability
- Goals

2—STAKEHOLDER INVOLVEMENT

- Public
- Airport
- Airlines
- Other Agencies

3—ENVIRONMENTAL & SUSTAINABILITY CONSIDERATIONS

- Environmental Regulatory
 - SEPA (State Environmental Policy Act)
 - NEPA (National Environmental Policy Act)
- Sustainability (Economic, Environmental, Social)

4—EXISTING CONDITIONS INVENTORY

- Functional Areas
 - Airfield (Including FAA Compliance & Safety Risk Assessment)
 - Passenger Terminal
 - Ground Transportation & Parking
 - Air Cargo
 - Airline Support
 - Airport Support
 - General Aviation
 - Utilities
- FAA (Federal Aviation Administration) AGIS (Airports Geographic Information System) Data
- Air Quality

5—AVIATION FORECASTS

- Passengers
- Operations
- Air Cargo

6—FACILITY REQUIREMENTS

- Emerging Trends (Technology, Process, Operations)
- Design Hour Demand
- Airfield (Including FAA Compliance & Safety Risk Assessment)
- Passenger Terminal
- Ground Transportation & Parking
- Air Cargo
- Airline Support
- Airport Support
- General Aviation
- Utilities
- Sustainable Facilities (Asset Management, Energy, Water, Emissions)
- Environmental Baseline

7—ALTERNATIVES DEVELOPMENT & EVALUATION

- No Action Alternative
- Functional Area Alternatives
- Comprehensive Alternatives

8—AIRPORT LAYOUT PLAN

- Drawing Set

9—FACILITIES IMPLEMENTATION PLAN

- Capital Improvement Plan
- Project Sequencing & Master Schedule

10—FINANCIAL FEASIBILITY ANALYSIS

- Sources of Funding
- Financial Feasibility

11—SUSTAINABILITY

- S3 (Strategy for Sustainable Sea-Tac)
- What/Where Build
- How Build
- How Manage (Sustainability Management Plan)

PART 3: Technical Memorandums & Appendices