

Airport Planning

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Community Airport Association

WSCAA



Washington State
Department of Transportation

Airport Layout Plan & Narrative Report

Scope

- Existing Conditions

Scope

- Existing Conditions
- Forecasts

Scope

- Existing Conditions
- Forecasts
- Facility Requirements

Scope

- Existing Conditions
- Forecasts
- Facility Requirements - *noise*

Scope

- Existing Conditions
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- Capital Improvement Program

Scope

- Existing Conditions
- Forecasts
- Facility Requirements
- Capital Improvement Program
- Drawing Set

Drawing Set

- Airport Layout Plan
- Building Area Plan
- Airspace (3)
- Land Use / Zoning
- Exhibit A - Property

Planning Period

20 Years

Updates

Usefulness / Sponsor

- Clear Indication of Conditions
- Development Roadmap
- Issues Identification

Usefulness / State

- Where to invest
- Funding need
- When \$ will be necessary
- Legislature - FAA

The ARC * System

Aircraft Approach Category

- A < 91 Knots
- B > 91 Knots < 121 Knots
- C < 121 Knots < 141 Knots
- D < 141 Knots < 166 Knots
- E > 166 Knots

Small designation

* Airport Reference Code

Aircraft Design Group

- I: < 49 FT
- II: 49 FT to 79 FT
- III: 79 FT to 118 FT
- IV: 118 FT to 171 FT
- V: 171 FT to 214 FT
- VI: 214 FT to 262 FT

The ARC System

- FAA Recommends geometric areas (standards) based on ARC
 - RSA (Runway Safety Area)
 - OFA (Runway Object-Free Area)
 - RPZ (Runway Protection Zone)
 - Runway to Taxiway Separation
 - Runway to Parking/Structures

Washington State Aviation / FAA Roles

- Primary Funding
- Review of Interim Reports
- Assurance – Scope
- Quality

Planning / Land Use

- Review of existing regulations
- Recommendations
- Are current efforts adequate?
- How can we improve?

Implementation

- Coordinated Effort (town, commission, county, state)
- Comp Plan/Dev. Regs./Zoning
- Matching Funds
- CIP Update