

Appendix **H**  
**Worksheets**

---

**How and why do these laws apply to my jurisdiction?**

Which particular state laws affect your jurisdiction’s planning responsibilities related to airports? Many of the laws apply to all jurisdictions, while others are relevant only to certain types. Use this worksheet to note your observations and questions as to how the state laws apply to your jurisdiction.



**Aeronautics Laws (RCW Title 14)**

Laws pertaining to aeronautics are mostly gathered under Title 14

RCW 14.07 and 14.08 Municipal Airports Act: \_\_\_\_\_

\_\_\_\_\_

RCW 14.12 Airport Zoning Act: \_\_\_\_\_

\_\_\_\_\_

**Growth Management Act (RCW Chapter 36.70A)**

RCW 36.70.320 Comprehensive Plan: \_\_\_\_\_

\_\_\_\_\_

RCW 36.70.547 General Aviation Airports: \_\_\_\_\_

\_\_\_\_\_

**Planning Enabling Act (RCW Chapter 36.70)**

**RCW 36.70A.070 Comprehensive plans – Mandatory elements**

Land use: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Housing: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Capital facilities: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Transportation: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Comprehensive plans RCW 36.70A.140**

Ensure public participation \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Siting of essential public facilities RCW 36.70A.200**

Limitation on liability RCW \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

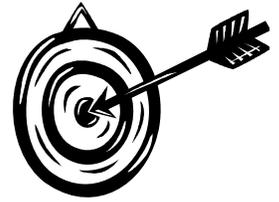
**Countywide planning policies RCW 36.70A.210**

\_\_\_\_\_  
\_\_\_\_\_

**Urban growth areas RCW 36.70A.110**

\_\_\_\_\_  
\_\_\_\_\_

**What are the primary purposes and objectives to be achieved in compatibility planning for the airports in your jurisdiction?**



Are there specific issues to be addressed that are arising either because of changes at the airport or development pressures nearby? List the top three objectives.

**Objective 1:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Objective 2:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Objective 3:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Land use Compatibility Challenges**

**1.** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**2.** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**3.** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**4.** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

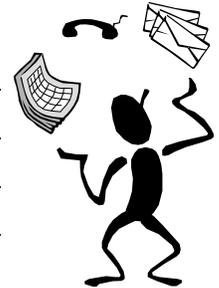
**What particular challenges do you expect to face during the compatibility planning effort?**

---

---

---

---



**Some typical obstacles to compatibility planning include:**

- Airport expansion
- Community opposition

Identify your top three challenges to the completion of the project

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**How do you intend to accomplish the compatibility planning study?**

---

---

---

**Will the study be done as part of the comprehensive plan update?**

---

---

---

**Is a separate effort needed?**

---

---

---

**Have you allowed enough time to complete your study before the your comprehensive plan update?**

---

---

---

Are there specific issues to be addressed that are arising either because of changes at the airport or development pressures nearby? List the top three objectives.

**Objective 1:** \_\_\_\_\_  
\_\_\_\_\_

**Objective 2:** \_\_\_\_\_  
\_\_\_\_\_

**Objective 3:** \_\_\_\_\_  
\_\_\_\_\_

**Land use Compatibility Challenges**

1. \_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_

Use the following worksheet to collect essential data about the airport. This data falls into three general categories:

Airport Context

Features

Airport Activity

### ***Airport Context***

1. Who owns or “sponsors” the airport and who runs it?

---

---

---

2. What previous planning studies have been done for the airport?

---

---

---

3. What is the state classification of the airport/s

- Commercial Service Airports
- Regional Service Airports
- Community Service Airports
- Local Service Airports
- Rural Essential Airports
- Seaplane Bases

**4. Who uses the airport?**

---

---

---

---

**5. What is the airport's role in the community?**

---

---

---

---

How does the airport fit into the goals of the community and the region?

---

---

---

---

Has your community adopted specific policies regarding the role of the airport? How is the airport perceived by the general public?

---

---

---

---

Have compatibility problems or other issues become major controversies?

---

---

---

---

**6. Does the airport connect with other transportation modes?**

---

---

---

---

Is the airport an integral part of a multi-modal transportation system within your community and region? or

---

---

---

---

Is it disassociated with the transportation network?

---

---

---

---

What links does the airport have with public transportation and freight movement systems?

---

---

---

---

What are the opportunities for better inter-modal connections?

---

---

---

---

**7. What is the airport's economic contribution to the community?**

---

---

---

---

Has a specific economic study been done?

---

---

---

How many public and private employees does the airport have?

---

---

---

If possible, what is the gross payroll of those employed at the airport?

---

---

---

Does the airport have support charter service? Does it provide access for a regional based business?

---

---

---

## Features

1. What is the length, width, and surface type for each runway at the airport?

---

---

---

---

Does the airport have a displaced threshold (*add hyperlink to glossary?*)

---

---

---

Which runway end and how long is the displaced?

---

---

---

Does the runway have a nighttime lighting system?

---

---

---

What is the runways pavement strength (Paved runways only)?

---

---

---

What are the official latitude and longitude coordinates of the runway ends and displaced thresholds?

---

---

---

**2. What types of approach capabilities does each runway end have?**

---

---

---

---

**3. Which (ARC) design standards apply to the airport and does the airport meet these standards?**

---

---

---

---

**4. What is the plan for future development at the airport?**

---

---

---

---

Are changes planned for runways or instrument approaches?

---

---

---

## Airport Activity

### 1. What is the composition of aircraft operations?

---



---



---

Is the airport used strictly by general aviation aircraft or are there also scheduled airline flights or operations by military aircraft?

---



---



---

### 2. What types of aircraft use the airport and how often?

---



---

What aircraft are based at the airport:      Number of operations?

Single Engine-	_____
Multi Engine-	_____
Jet-	_____
Helicopter-	_____
Glider-	_____
Military-	_____
Ultralight-	_____
Seaplane-	_____

What transient aircraft regularly visit the airport?

Single Engine-	_____
Multi Engine-	_____
Jet-	_____
Helicopter-	_____
Glider-	_____
Military-	_____
Ultralight-	_____
Seaplane-	_____
Law enforcement?	_____

What is the airports critical aircraft?

---

---

---

What types of aircraft are expected to use the airport in the future?

---

---

---

Does the airport support flight school activity, medical services or parachute activity?

---

---

---

**3. How many passengers does the airport serve?**

---

How many passengers does the airport service?

---

How many Tons of cargo does the airport ship?

---

**4. What deviations from the normal traffic pattern are typical at the airport?**

---

---

---

---

---

---

## Compatibility Status of Existing Land Uses

Use the following form to inventory the uses that exist within the airport influence area. Are these uses clearly compatible or incompatible with the airport? Flag the uses that could potentially be incompatible or that you are uncertain about.

1. To what degree does this use exist today?
2. Is the use compatible or incompatible?
3. Why?

### Agricultural

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### Power Plants / Transmission Lines / Roads

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### Parks / Recreation

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### Stadiums

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### Industrial

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### Retail / Service Uses

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Dining / Entertainment

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Offices / Industrial Parks

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Places of Worship

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Residential – Low-Density

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Residential – Medium-Density

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Residential – High-Density

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Children’s Schools / Daycare Centers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Hospitals / Nursing Homes

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Wildlife Attractants

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Airspace Hazards (tall structures, dust, smoke, glare, electronic transmissions)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Vacant or undeveloped land

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Miscellaneous

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### Worksheet 3B: Potential New Incompatible Uses

Based on the current policy, what new development might exist in the future? Is the use compatible or incompatible and why?

	Future Development?	Compatible or Incompatible	Why
Land Uses			
Agricultural			
Power Plants / Transmission Lines / Roads			
Parks / Recreation			
Stadiums			
Industrial			
Retail / Service Uses			
Dining / Entertainment			
Offices / Industrial Parks			
Places of Worship			
Residential – Low-Density			

Residential – Medium-Density


Residential – High-Density


Children’s Schools /  
Daycare Centers


Hospitals / Nursing Homes


Wildlife Attractants


Airspace Hazards  
(tall structures, dust, smoke, glare,  
electronic transmissions)


Airspace Hazards  
(tall structures, dust, smoke, glare,  
electronic transmissions)


Theaters


### Worksheet 3C: Compatibility Concerns based on current policy

List in the specific issues that must be addressed to ensure that development of incompatible land uses is avoided in the airport influence area.

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_
5. \_\_\_\_\_  
\_\_\_\_\_
6. \_\_\_\_\_  
\_\_\_\_\_
7. \_\_\_\_\_  
\_\_\_\_\_
8. \_\_\_\_\_  
\_\_\_\_\_
9. \_\_\_\_\_  
\_\_\_\_\_
10. \_\_\_\_\_  
\_\_\_\_\_

## Worksheet 4A: Current policy

List the existing policies, goals, and development regulations affecting the airport influence area. Also note any implicit policies that may affect future land use compatibility.

### Policies

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_
5. \_\_\_\_\_  
\_\_\_\_\_
6. \_\_\_\_\_  
\_\_\_\_\_
7. \_\_\_\_\_  
\_\_\_\_\_
8. \_\_\_\_\_  
\_\_\_\_\_
9. \_\_\_\_\_  
\_\_\_\_\_
10. \_\_\_\_\_  
\_\_\_\_\_

## Goals

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

## Development Regulations

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

## Worksheet 4B: Statements of Fact

Write statements of fact that document your findings. These statements provide evidence of your work on airport land use compatibility and may be used to support adoption of policies and regulations, and may also be referenced in any proceedings of the Growth Management Hearings Board. Use the following questions to access your jurisdictions current policies:

- Do current policies help prevent incompatible land use development in the airport influence area or do they tend to promote this development?
- To what extent have policies intended to prevent incompatible development been inadequate to the task? Why? Are their loopholes in the policies that allow compatibility goals to be circumvented?
- Are the policies clearly defined or are they open to a wide degree of interpretation?
- Do the current policies provide a good starting point for more detailed and thorough policies or do you need to start from nothing?

### Policy Findings

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_
5. \_\_\_\_\_  
\_\_\_\_\_
6. \_\_\_\_\_  
\_\_\_\_\_
7. \_\_\_\_\_  
\_\_\_\_\_
8. \_\_\_\_\_  
\_\_\_\_\_
9. \_\_\_\_\_  
\_\_\_\_\_
10. \_\_\_\_\_  
\_\_\_\_\_



 <b>Worksheet 4D: Airport Influence Area Adjustments</b>		
Circumstances Warranting Possible Impact Area Adjustment	What are the conditions at your airport?	Do these conditions warrant adjusting the Airport Influence Area boundary? In what manner?
<b>ALL</b>		
▪ Have any planned runway configuration changes been accounted for?		
▪ Is the traffic pattern only on one side of the runway?		
<b>NOISE</b>		
▪ Have future changes in airport role and aircraft usage been considered?		
▪ Does airport activity have a significant seasonal variation warranting consideration of peak season activity?		
▪ Do aircraft frequently follow a “nonstandard” approach or departure pattern?		
▪ Are there locations that should be encompassed in the flight impact area because the area has particularly noise-sensitive uses or is the source of complaints from many different people?		
▪ Is the area initially drawn so large that its significance is diluted?		
<b>OVERFLIGHT</b>		
▪ Does experience low operations?		
<b>AIRSPACE PROTECTION</b>		
▪ Does the airport have instrument approach procedures that are not aligned with extended runway centerline?		
▪ Do any of the runways have a displaced threshold?		
▪ Are there existing obstructions such as high terrain that affect where aircraft fly?		
<b>SAFETY</b>		
▪ Do aircraft frequently follow a “nonstandard” approach or departure pattern?		
▪ Does the airport’s historical accident pattern reveal conditions that create greater or lower than normal risks in certain locations?		

