

<b>Chapter 1</b>	<b>Introduction</b>	
	AIRPORT LAND USE COMPATIBILITY PLANNING .....	1-1
	Function and Applicability of the Plan.....	1-1
	Statutory Requirements.....	1-1
	<i>Powers and Duties</i> .....	1-1
	<i>Limitations</i> .....	1-2
	Nevada County Airport Land Use Commission.....	1-3
	Relationship of the ALUC to County and City Governments .....	1-3
	PLAN PREPARATION AND REVIEW.....	1-4
	State Guidelines .....	1-4
	Relationship to Airport Master Plan.....	1-4
	Nevada County Airport Plans.....	1-5
	Previous Compatibility Planning for Nevada County Airport.....	1-5
	2011 Compatibility Plan Review and Adoption Process .....	1-5
	PLAN IMPLEMENTATION.....	1-6
	General Plan Consistency.....	1-6
	Overrule Process.....	1-7
	Project Referrals.....	1-7
	PLAN CONTENTS.....	1-8
 <b>Chapter 2</b>	 <b>Policies</b>	
	1. GENERAL APPLICABILITY .....	2-1
	1.1 Purpose and Use .....	2-1
	1.2 Definitions .....	2-2
	1.3 Geographic Scope.....	2-5
	1.4 Types of Actions Subject to NCALUC Review.....	2-6
	1.5 Limitations of the NCALUC and Compatibility Plan.....	2-9
	2. REVIEW PROCESS .....	2-10
	2.1 General.....	2-10
	2.2 Mandatory Review Process for Community Land Use Plans and Ordinances.....	2-10
	2.3 Review Process for Major Land Use Actions.....	2-12
	2.4 Review Process for Airport Master Plans and Development Plans.....	2-15
	2.5 Overruling the NCALUC.....	2-16
	3. COMPATIBILITY CRITERIA FOR LAND USE ACTIONS.....	2-17
	3.1 Basic Criteria.....	2-17
	3.2 General Plan Consistency with Compatibility Plan.....	2-25
	4. COMPATIBILITY CRITERIA FOR AIRPORT PLANS .....	2-26
	4.1 Review Criteria for Airport Plans of Existing Airports .....	2-26
	4.2 Review Criteria for Proposed New Airports and Heliports.....	2-27
	5. SPECIFIC COMPATIBILITY CRITERIA.....	2-28
	5.1 Noise Criteria .....	2-28
	5.2 Safety Criteria .....	2-30

**Chapter 2, continued**

5.3 Airspace Protection ..... 2-35  
 5.4 Overflight..... 2-38  
 5.5 Special Conditions ..... 2-41

*Tables*

2A Basic Compatibility Criteria ..... 2-22  
 2B Compatibility Zone Delineation ..... 2-24

*Figures*

2A Compatibility Policy Map ..... ff 2-24  
 2B Airspace Plan ..... ff 2-24

**Chapter 3 Background Data: Nevada County Airport and Environs**

INTRODUCTION ..... 3-1  
 AIRPORT HISTORY AND DEVELOPMENT ..... 3-1  
     Existing Airfield System ..... 3-2  
 AIRPORT PLANS ..... 3-2  
     Airport Master Plan Status ..... 3-2  
     Airport Layout Plan Status ..... 3-3  
     Airspace Plan ..... 3-3  
 AIRCRAFT ACTIVITY DATA AND FORECASTS ..... 3-3  
     Existing Activity ..... 3-4  
     Forecast for this Compatibility Plan ..... 3-4  
 OTHER COMPATIBILITY FACTORS FOR THIS COMPATIBILITY PLAN ..... 3-5  
     Noise Contours and Overflight Areas ..... 3-5  
     Safety Zones ..... 3-5  
 AIRPORT ENVIRONS ..... 3-6

*Exhibits*

3-1 Airport Features Summary ..... 3-8  
 3-2A Airport Layout Drawing ..... ff 3-8  
 3-2B Data Sheet ..... ff 3-8  
 3-3 Airspace Plan ..... ff 3-8  
 3-4 Airport Activity Data Summary ..... 3-10  
 3-5 Compatibility Factors Map: Noise and Overflight ..... ff 3-10  
 3-6 Compatibility Factors Map: Safety and Airspace Protection ..... ff 3-10  
 3-7 Airport Environs Information ..... 3-11  
 3-8 General Plan Land Uses: Nevada County ..... ff 3-12  
 3-9 General Plan Land Uses: City of Grass Valley ..... ff 3-12

ff = figure follows

**Appendices**

- A** State Laws Related to Airport Land Use Planning
- B** Federal Aviation Regulations Part 77
  - Figure B-1 – FAR Part 77 Imaginary Surfaces*
  - Figure B-2 – FAR Part 77 Filing Process*
  - Figure B-3 – FAR Part 77 Notification*
- C** Airport Land Use Compatibility Concepts
- D** Methods for Determining Concentrations of People
  - Table D-1 – Occupant Load Factors*
  - Table D-2 – Sample People-Per-Acre Calculations*
- E** Compatibility Guidelines for Specific Land Uses
- F** General Plan Consistency Checklist
- G** Sample Implementation Documents
  - Table G-1 – Sample Airport Combining Zone Components*
  - Table G-2 – Typical Avigation Easement*
  - Table G-3 – Sample Recorded Overflight Notification*
- H** Glossary

**Attachments**

- A** Adoption Resolution
- B** Notice of Determination
- C** CEQA Initial Study and Negative Declaration
- D** Caltrans Division of Aeronautics ALP Acceptance Letter