

1 **Airport Land Use**

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2 **The local government and federal relationship**

- Feds control the airspace (kind of)
- Local governments own the airports (mostly)
- Aviation users are stakeholders
- Off-airport property owners may or may not care about the airport (mostly do not care, but should)
- Where's the money? (Federal government and aviation users)
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3 **Aviation terminology**

- Accident Potential Zone (APZ) [including runway protection zones; APZ I's; and APZ II's]
- Aircraft Accident, Aircraft Incident, Aircraft Mishap
- Airport Compatibility Zones
- Aviation Easement
- Fixed Based Operator
- Glide Slope
- Localizer
- Minimum Descent Altitude (MDA)
- Threshold
- Traffic Pattern Zone
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4 **Airport classes/types**

Agricultural Airport, Heliport, EMS Landing Site, Personal Use Airport, Public Use Airport, Regional Airport, Military Airport, General Aviation Airport, Air Carrier Airport, Class I Airport, Class II Airport, Class III Airport, Class IV Airport, Class B Airport, Class C Airport, Primary Airport, Cargo Service Airport, Reliever Airport, General Aviation Airport, Non Primary Airports, HUB Airports, Remote Airports.

5 **Know your FAR's**

- FAR 77
- FAR 121
- FAR 135
- FAR 150
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6 **Noise**

- Ambient Noise Level
- Day-Night Average Sound Level
- Decibel (dB)
- Equivalent Sound Level (Leq)
- Noise Contours
- Noise Level Reduction
- Sound Exposure Level (SEL)

7 **Airport Planning Steps**

- Identify and characterize compatibility concerns
 - Noise
 - Overflight
 - Safety
 - Airspace protection
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- Account for existing development
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- Understand limits to restricting land use adjacent to/ or near an airport
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- Understand processes to adopt land use restrictions
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8 **Airports and Local Policy**

- City or County Council should identify and prioritize competing policy considerations:
 1. Noise reduction or elimination
 2. Economic development associated with present and future airport uses
 3. Airspace protection
 - Obstructions
 - Wildlife hazards
 - Electronic hazards
 - Thermal hazards
 4. Safety (on the ground)

9 **Suggestion**

Obtain copy of California Airport Land Use Planning Handbook from Lyn Creswell

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10 **Questions?**