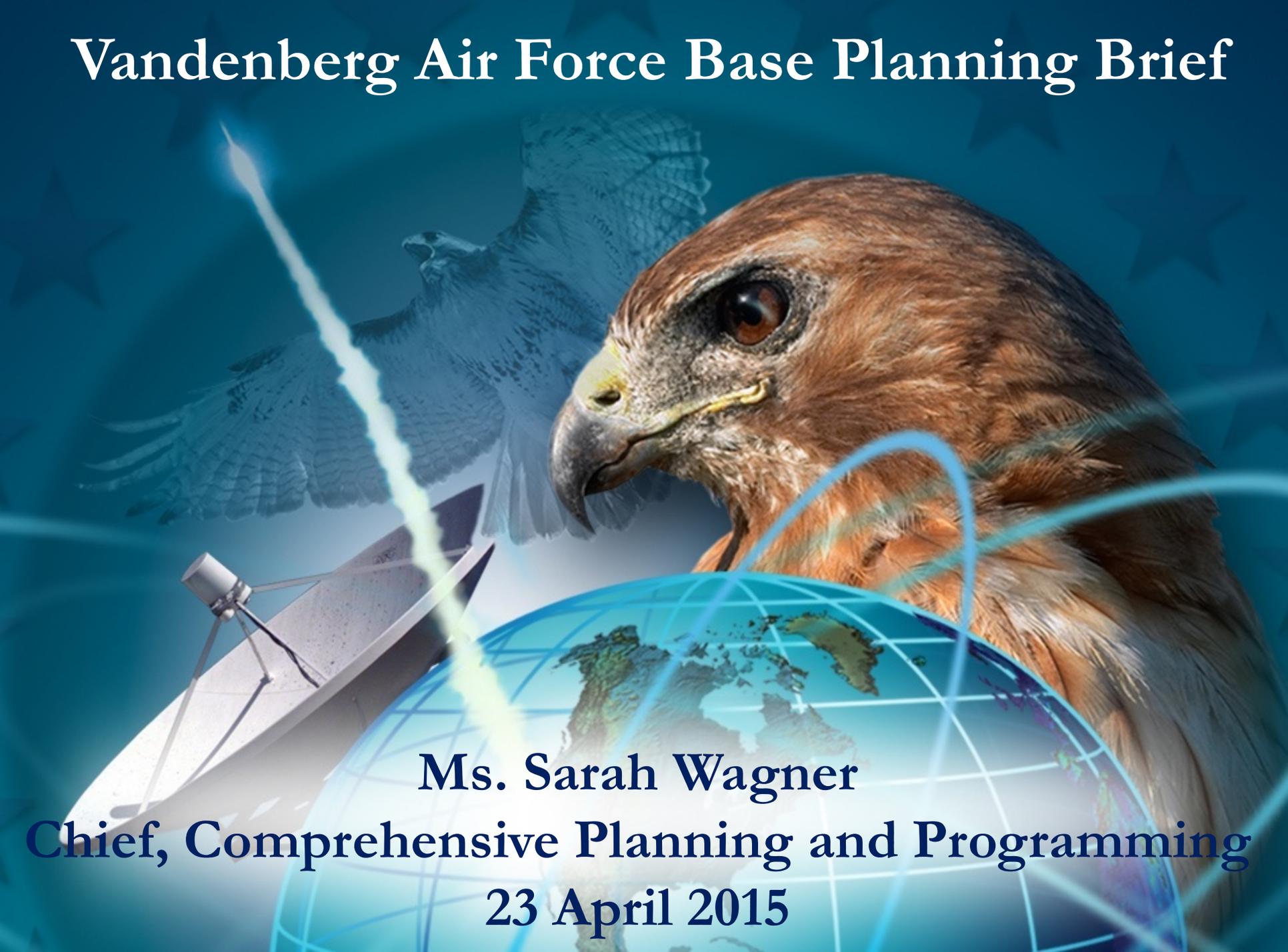


# Vandenberg Air Force Base Planning Brief



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**23 April 2015**



- **California Military Installations**
- **General Planning Concerns**
- **Vandenberg Air Force Base Overview**
- **Development Constraints**
- **Encroachment Concerns**
- **Jurisdictional Issues**
- **Planning Guidance**



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# California Military Installations

- Los Alamitos Joint Forces Base
- San Joaquin Depot Joint Operations Base
- Beale Air Force Base
- Edwards Air Force Base
- Los Angeles Air Force Base
- March Air Reserve Base
- McClellan Air Force Base
- Travis Air Force Base
- Vandenberg Air Force Base
- Camp Haan Army Base
- Camp Parks PRFTA Army Base
- Camp Roberts Army Base
- Camp San Luis Obispo Army Base
- Fort Hunter Liggett Army Base
- Fort Irwin Army Base
- Presidio of Monterey Army Base
- Sierra Army Depot
- ISC Alameda Coast Guard Base
- Tracen Petaluma Coast Guard Base
- Camp Pendleton Marine Corps Base
- MCAS Miramar Marine Corps Base
- MCLB Barstow Marine Corps Base
- MCRD San Diego Marine Corps Base
- Mountain Training Center Marine Corps Base
- Twenty-Nine Palms Marine Corps Base
- Chocolate Mountain Range Navy
- Military Ocean Terminal Concord Navy Base
- NAS Lemoore Navy Base
- NAS Point Mugu Navy Base
- NAS El Centro Navy Base
- Naval Base Coronado
- Naval Battalion Center Port Hueneme
- Naval Medical Center San Diego
- NAWS China Lake Navy Base
- Naval Postgraduate School Monterey
- NWS Seal Beach

**Mission - People - Innovation**



# General Planning Concerns

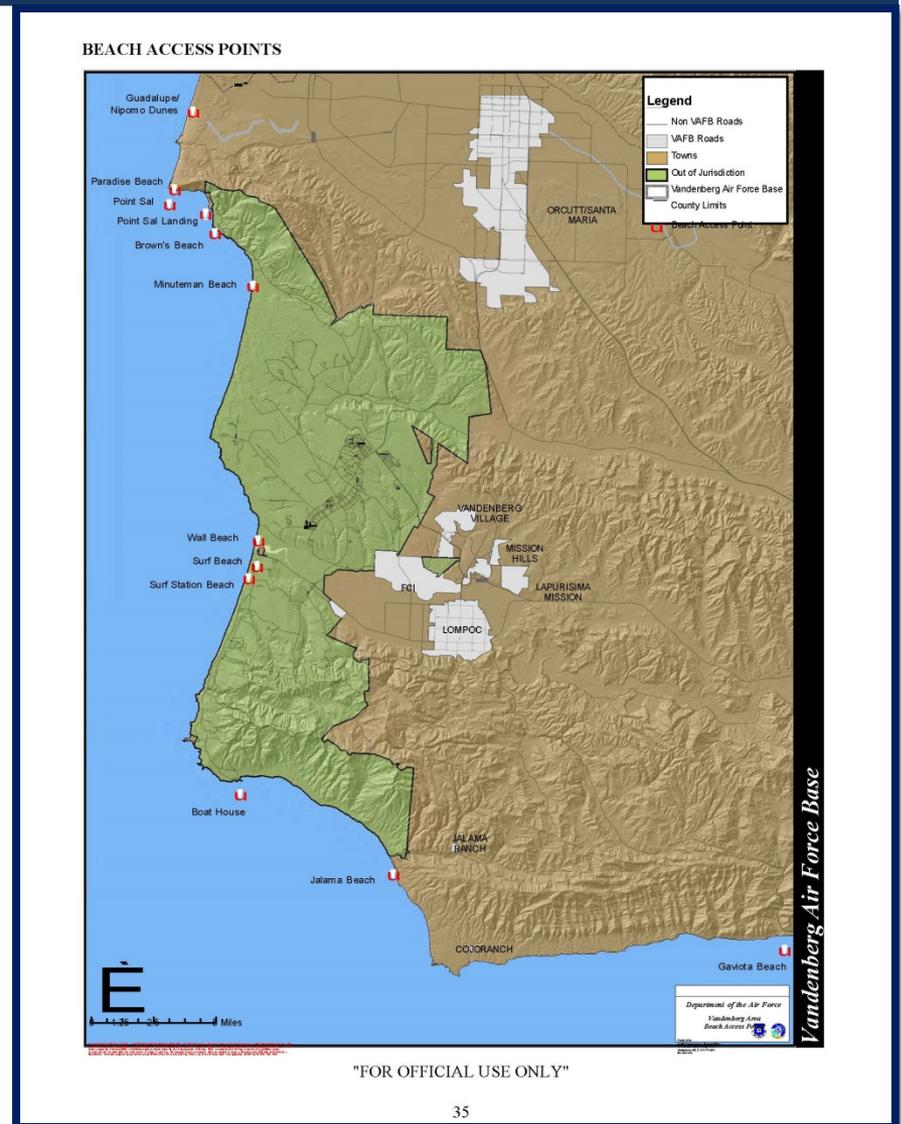
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- **Airfield Imaginary Surfaces**
- **Air Installation Compatible Use Zone (AICUZ)**
- **Explosive Safety Quantity Distance Arcs (ESQD)**
- **Impact Limit Lines (ILL)**
- **Hazardous Material Transportation Routes**
- **Ranges**
- **Unexploded Ordinance (UXO)**
- **Anti-Terrorism Force Protection (AT/FP)**
- **Development Rights**
- **Mineral Rights**



# Vandenberg AFB Overview

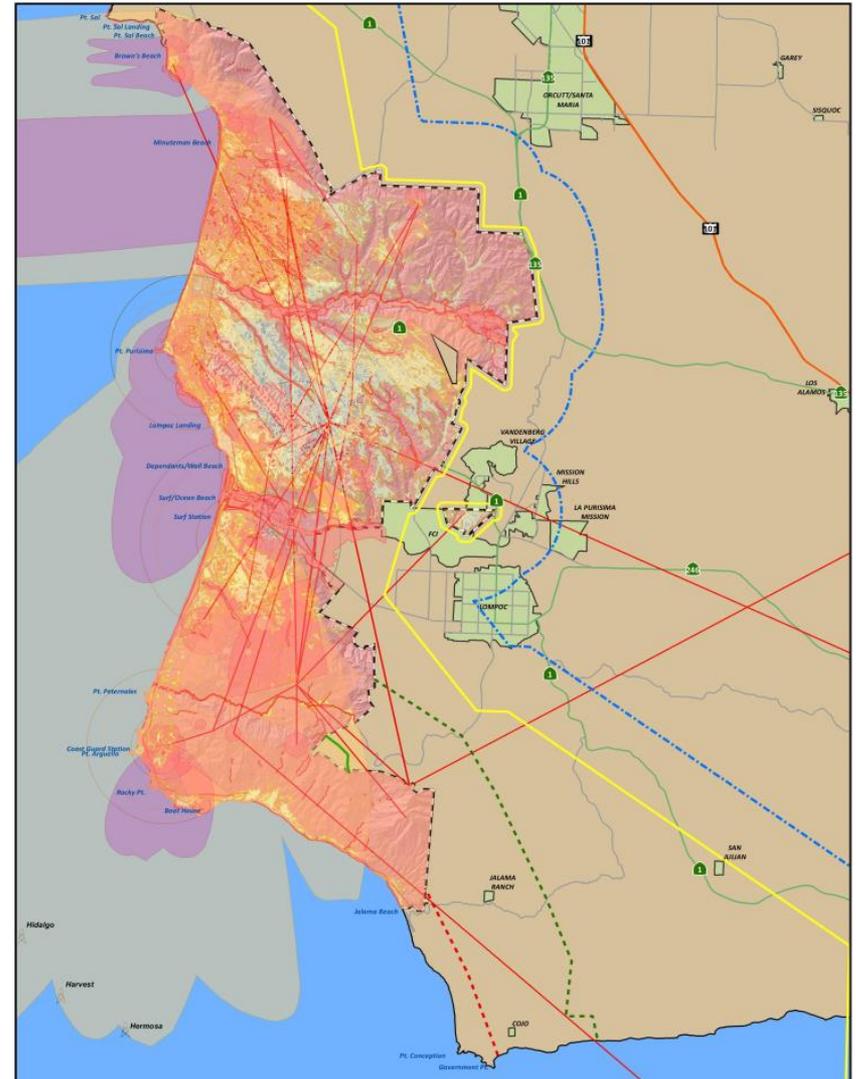
- Missions
  - Polar Orbit Launches
  - Missile Defense
- Approximately 2,000 launches
- 99,604 acres
- 44.74 miles of coastline
- 104.48 perimeter miles
- 2,209 buildings
- 329 animal species
- 8,000+ personnel





# Development Constraints

- Floodplain
- Slope
- Wetlands
- Threatened & Endangered Species
- Borrow Pits
- Landfill
- IRP Sites
- IRP Area of Concern
- IRP Area of Interest
- Microwave Line of Sight
- Electromagnetic Radiation Hazard
- Airfield Lateral Clear Zone
- Airfield Accident Potential Zones
- AICUZ Noise Zones
- UXO Area of Concern
- Railroad ROW
- START Inspectable Sites
- Explosive Safety Zones
- Missile Flight Hazard Zone
- Potentially Toxic Areas
- Collaborative Planning Zones

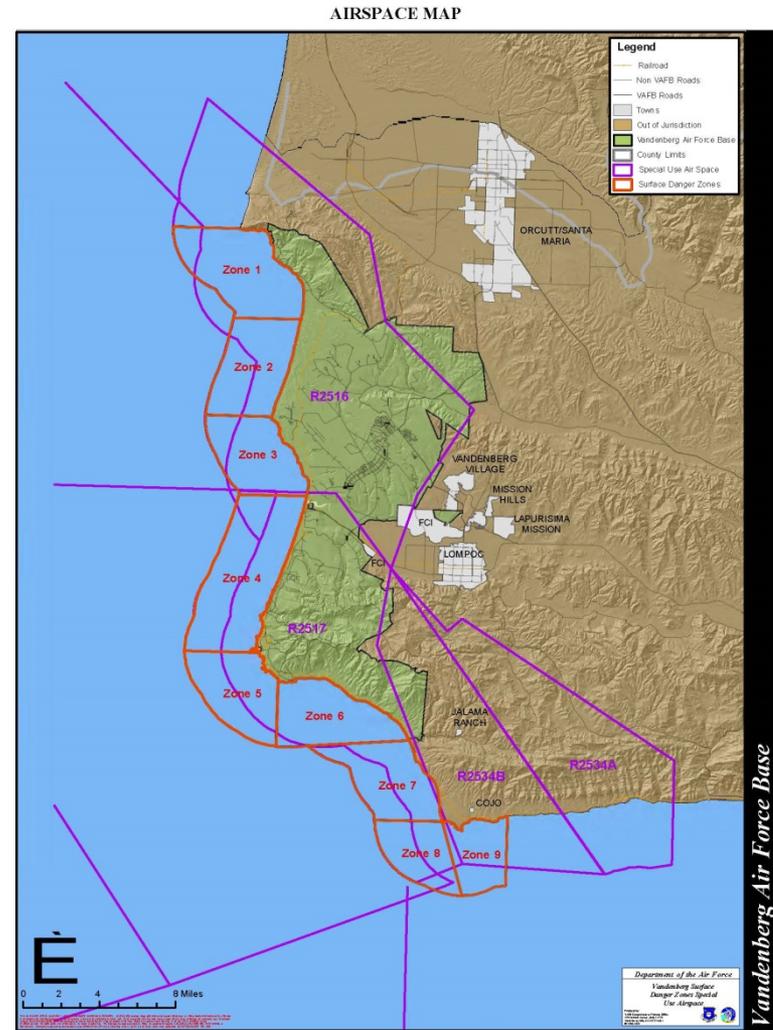






# Special Use Airspace and Danger Zones

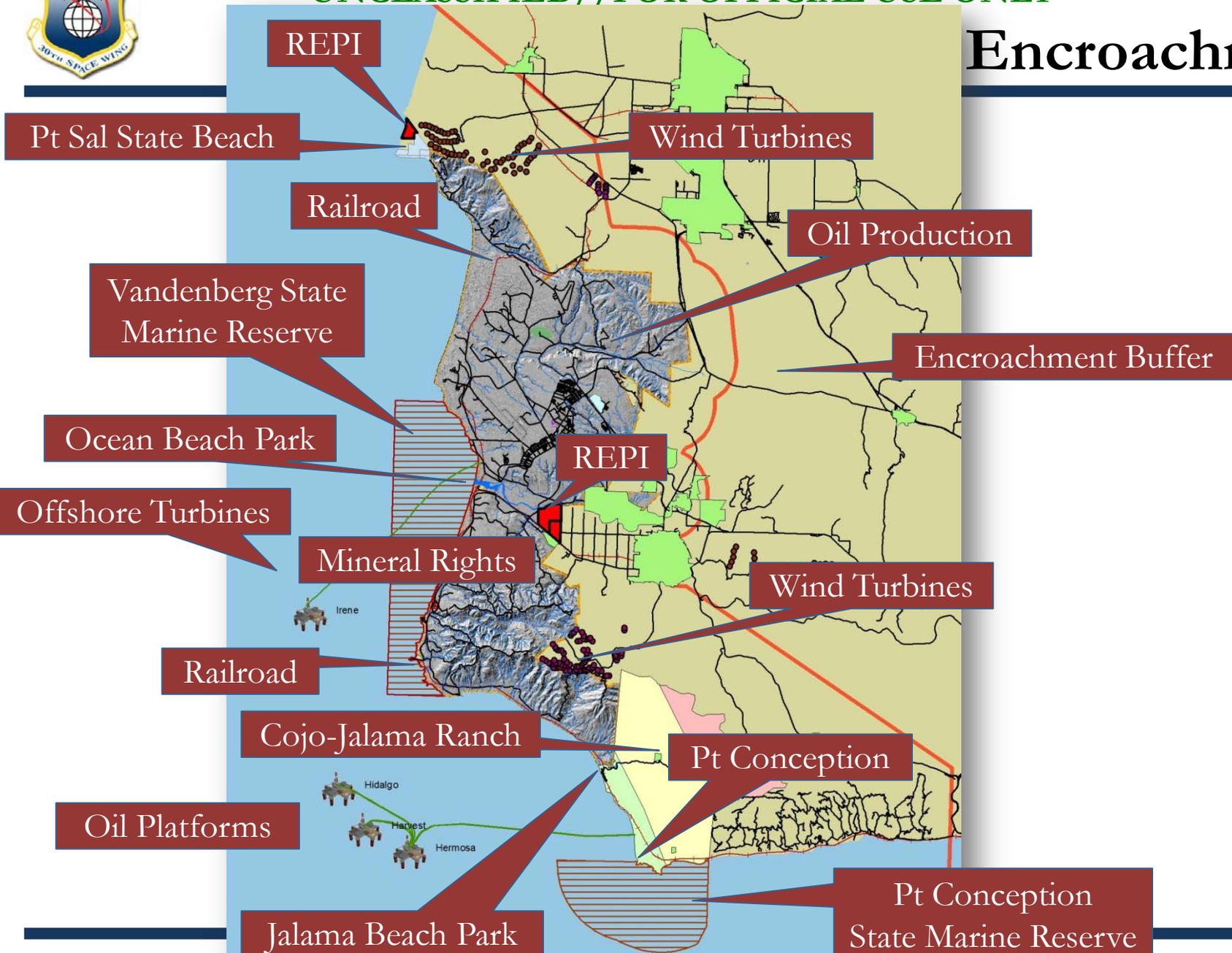
- **Restricted Airspace**
- **Danger Zones**
  - Launch Operations
  - Polar Orbit Space Launch
  - Debris Zones
  - Impact Limit Lines
- **Evacuation Agreements**
  - Covers 12 general areas for all residents, businesses, parks, etc. within the evacuation zones
  - VAFB notification
  - Santa Barbara County enforcement





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# Encroachment

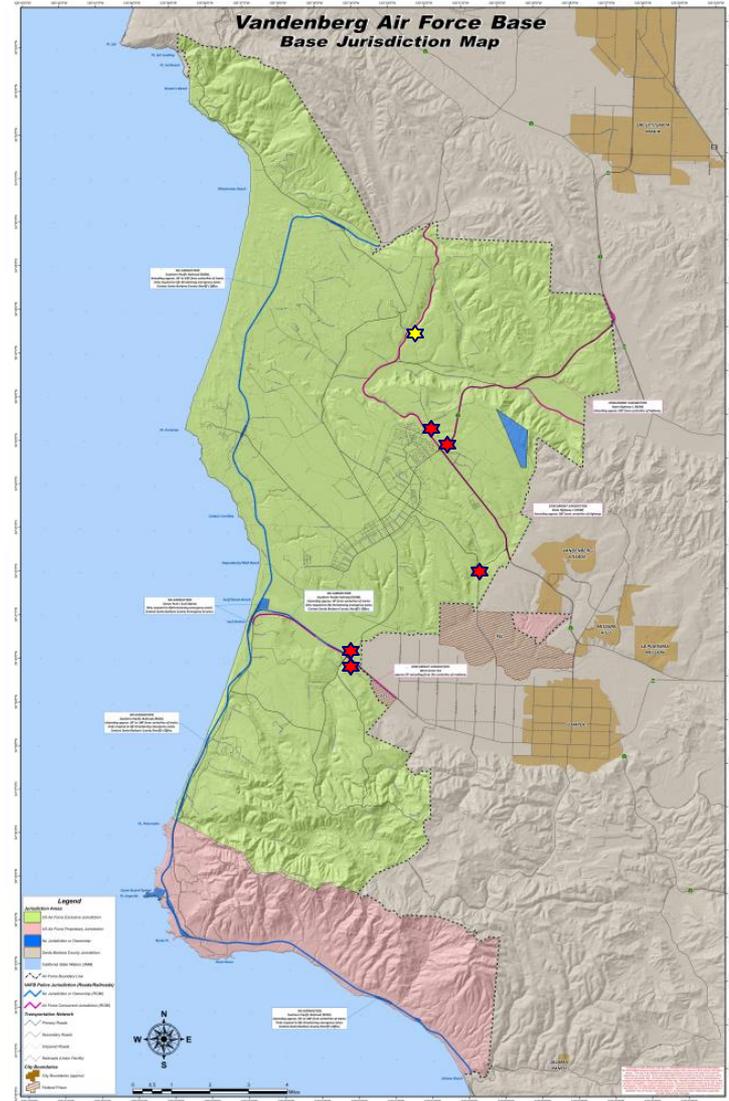


Mission - People - Innovation



# Jurisdictional Issues

- Hwy 1
- County Roads
- Gates
  - Santa Maria (Main)
  - Utah
  - Lompoc
  - Solvang
  - South
  - Titan





# Planning Guidance

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- The Practical Guide to Compatible Civilian Development Near Military Installations
  - <http://www.oea.gov>
  - Compatible Use
- DoD Instructions
  - Air Force <http://www.e-publishing.af.mil/>
  - Navy <http://navfac.navy.mil>



**Questions?**