



**MCAS Miramar**



## 2020 AICUZ STUDY





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# Agenda



- What is AICUZ?
- Forecast
- Noise Contours
- Accident Potential Zones
- AICUZ Footprint
- MCAS Miramar ALUCP



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# What is “AICUZ”?



**AICUZ = Air Installations Compatible Use Zones**

**Department of Defense requires the program for all military airfields.**

Purpose:

- To protect the health, safety, and welfare of those living and working in the vicinity of a military installation while sustaining the operational mission.
- To recommend land uses that will be compatible with noise levels and accident potential zones associated with military airfield operations.
- To use as a planning document to develop local land use plans.



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# Forecast



- The AICUZ is a land use planning document and considers likely changes expected to occur.
- The 2020 AICUZ provides projections through 2032 to aid local government and community planning.
- The major change to occur includes the F-35 to replace the FA-18C/D.



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# Forecast



- Other changes since 2005 AICUZ include:
  - Retirement of the CH-46E
  - KC-130 variant now uses the “J” model
  - Stand-up of the MV-22B
- 2020 AICUZ modeled 120,196 annual operations.
  - Annual operations in recent years have been 75k-85k.



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# Noise Contours



## **AICUZ 2020 65-70 dB CNEL**

- Area generally retracts toward the installation boundary on the west, and toward or within the installation boundary on the south.
- Extends slightly beyond AICUZ 2005 65-70 dB CNEL band in the Sorrento Valley area.

## **AICUZ 2020 60-65 dB CNEL**

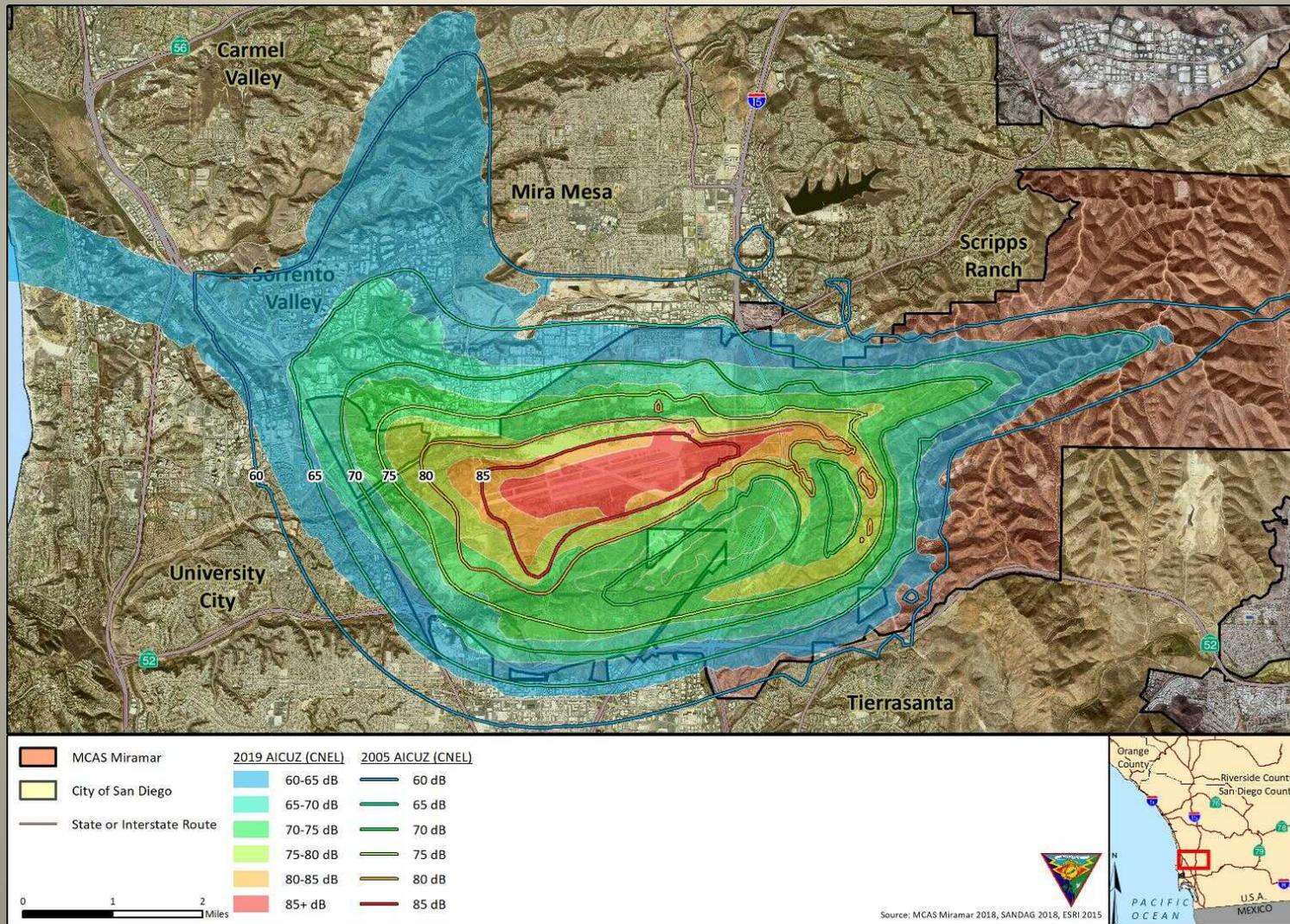
- Expands to the northwest and underneath the Seawolf departure corridor, but all land uses therein are considered compatible land uses for that noise level.



# Noise Contour Comparison



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# Accident Potential Zones



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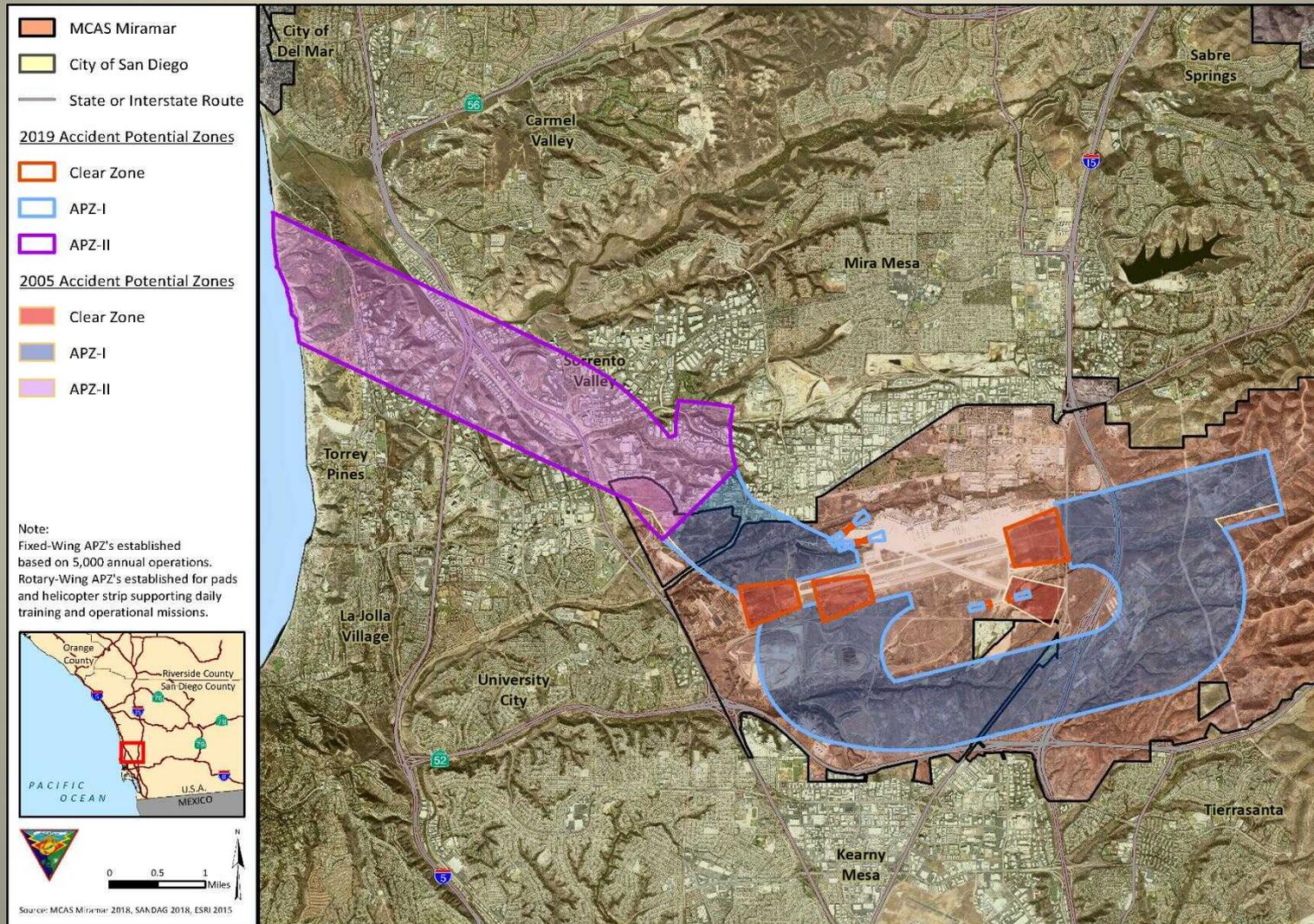
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- MCAS Miramar has Class B runway capable of both fighter and large jet aircraft
- USMC order MCO 11010.16 requires:
  - Clear Zones (CZ) at the end of all runways
  - Accident Potential Zones (APZ I and II) at the end of CZ on runways with at least 5,000 approaches or departures



# Accident Potential Zones

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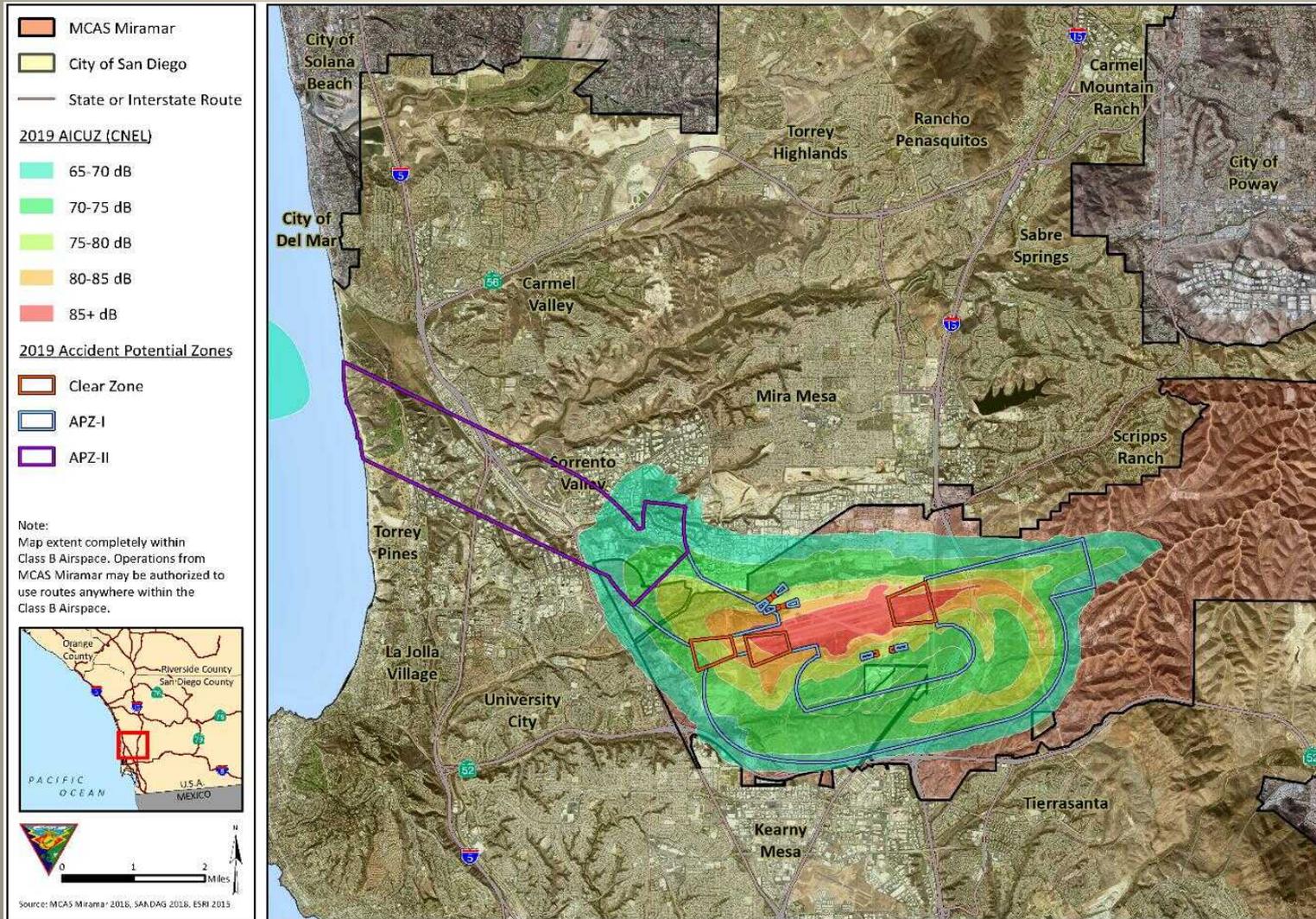




# 2020 AICUZ Footprint



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# MCAS Miramar ALUCP



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- In accordance with Division 9, Part 1, Chapter 4, Article 3.5, Section 21670 of the California Public Utilities Code, the City and County of San Diego are required to implement an ALUCP for MCAS Miramar.
- The MCAS Miramar Airport Land Use Compatibility Plan (ALUCP) was adopted in October 2008 and amended in 2011.
- ***Although AICUZ 2020 results in minor changes, the currently adopted ALUCP remains protective and consistent with the AICUZ. Therefore, USMC does not recommend any changes to the ALUCP at this time.***