



**SAN DIEGO**  
INTERNATIONAL AIRPORT

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# Airport Noise Advisory Committee

September 21, 2022

Meeting will start at  
4:00 p.m.

# Agenda

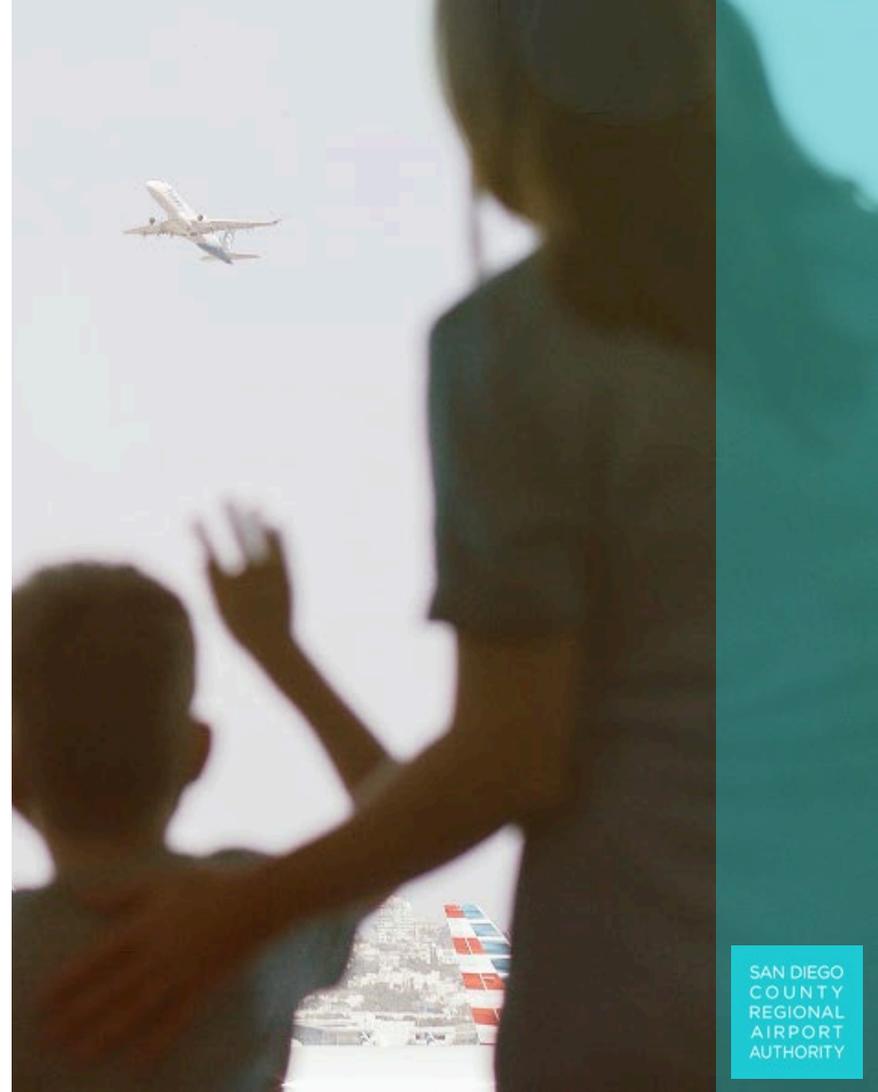
Welcome & Roll Call

## ACTION ITEMS:

1. Approval of Consideration of Whether to Continue Virtual Meetings of the ANAC pursuant to AB 361
2. Approval of Meeting Summary from June 15, 2022

## PRESENTATION ITEMS:

- ZZ000 THREE Departure 30 Day update
- Project Updates: Part 150, EIR Noise Mitigation Measures, Portable Noise Monitor, Variance Application, and Quieter Home Program
- Current Aircraft Noise Trends
- Discussion on Future ANAC Meetings
- Adjourn - Next Meeting December 21, 2022



# Consideration of Whether To Continue Virtual Meetings of the ANAC Pursuant to AB 361



# Public Comment on Public Comment on Consideration of Whether to Continue Virtual Meetings of the ANAC Pursuant to AB 361

Please remember to wait to call into the meeting until the Facilitator introduces the item that you would like to comment on.

To provide your public comment on this item:

- Dial [1-669-900-9128](tel:1-669-900-9128)
- When prompted, input Conference ID: [816 2714 7250#](tel:816-2714-7250)
- You will be let into the meeting and will be unmuted
- Turn off YouTube to avoid feedback
- Before speaking, state your name and begin your comments

# Approval of June 15, 2022 Meeting Summary



# Public Comment on June 15, 2022, Meeting Summary

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# *Certificate of Recognition*

## **Airport Noise Advisory Committee**



# Certificate of Recognition

AWARDED TO

**Char-Lou Benedict**

For Providing Two Years of Excellent Service on the

**Airport Noise Advisory Committee**



September 2022

Date



*Kimberly J. Becker*

Signed: **Kimberly Becker**  
Chief Executive Officer

# Certificate of Recognition

AWARDED TO

**Fredrick W. Kosmo Jr.**

For Providing Five Years of Excellent Service on the

**Airport Noise Advisory Committee**



September 2022

Date



*Kimberly J. Becker*

Signed: **Kimberly Becker**  
Chief Executive Officer

# Certificate of Recognition

AWARDED TO

**Deborah Watkins**

For Providing Many Years of Excellent Service on the

**Airport Noise Advisory Committee**



September 2022

Date



*Kimberly J. Becker*

Signed: **Kimberly Becker**  
Chief Executive Officer



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INTERNATIONAL AIRPORT

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## ZZ0003 Update

Steve Smith,  
Ricondo

# Initial Assessment of ZZ000 3 Departures

First 30-days Compared to Previous 30-days for ZZ000 2 Departures

PRESENTED TO:  
**ANAC**

PRESENTED BY:  
**Stephen Smith**

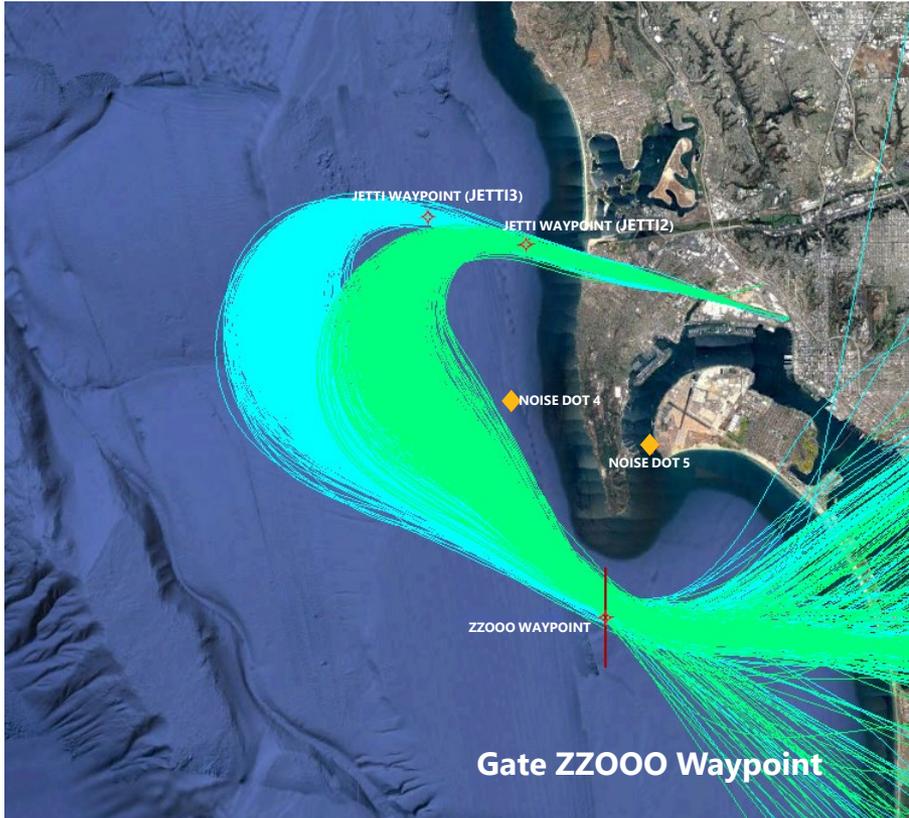
PRESENTED ON:  
**September 21, 2022**

# ZZ0003 and ZZ0002 Comparison Summary

-  ZZ0003 departures fly above 8,000 feet near ZZ0000 waypoint more frequently
-  ZZ0003 departures fly closer to the ZZ0000 waypoint (further away from the Point Loma Peninsula)
-  ZZ0003 departures fly further west from the shoreline
-  ZZ0003 departure initial departure paths are similar except for British Airways B777 paths
-  FAA inquiry regarding British Airways B777 initial departure path on ZZ0003
-  Need to understand reasons for transitioning off ZZ0003 RNAV between JETTI and ZZ0000 waypoints

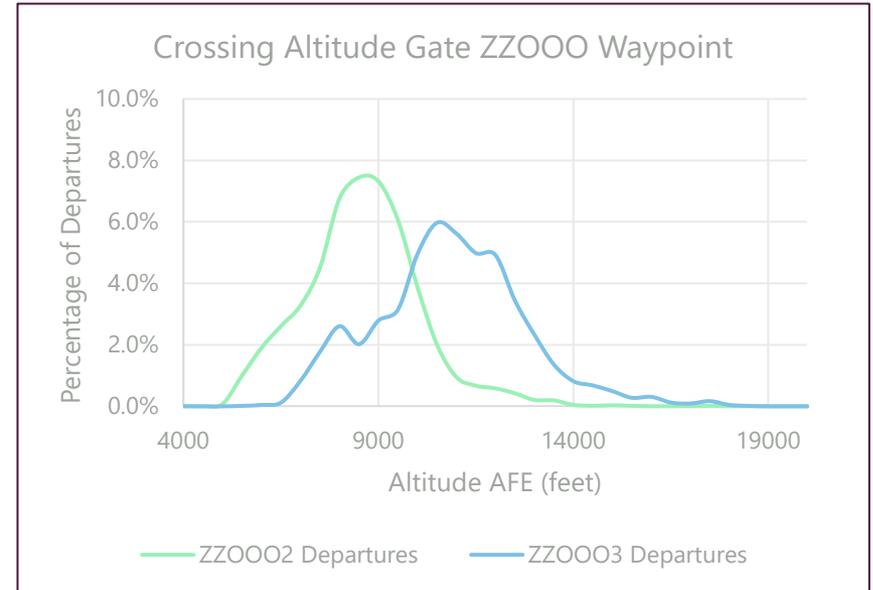
# Altitude and Location at Flyby ZZ000 Waypoint

# Altitude at ZZ000 Waypoint



NOTE:  
Runway 27 jet departures on ZZ000 SID from Runway 27 to ZZ000 Waypoint; June 14, 2022 to July 13, 2022 (ZZ0002 Departures), and July 14, 2022 to August 13, 2022 (ZZ0003 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m., includes business jets, regional jets, cargo jets and air carrier jets. AFE = Above Field Elevation; SAN AFE is 17 feet.

Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.



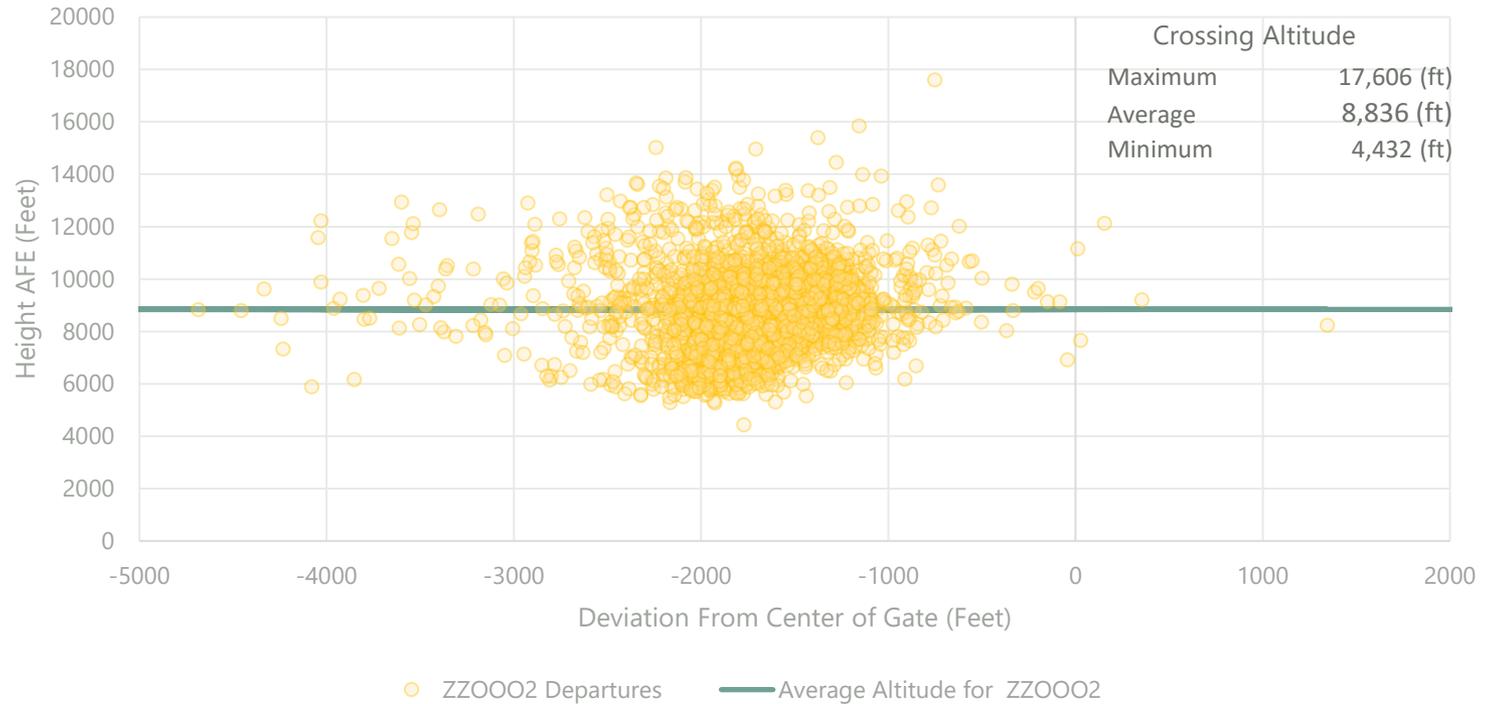
Crossing Altitude at Gate ZZ000 Waypoint

	ZZ0002 Crossing Altitude (ft)	ZZ0003 Crossing Altitude (ft)	Change in Altitude with ZZ0003
Average	8,800	11,100	2,300
Maximum	17,600	18,600	1,000
Minimum	4,400	6,000	1,600

Note: Altitude rounded to nearest 100 ft.

# Gate Plot: On ZZ0002 Departures at Gate ZZ000 Waypoint

Gate Penetration Plot for Gate ZZ000 Waypoint



**NOTE:**

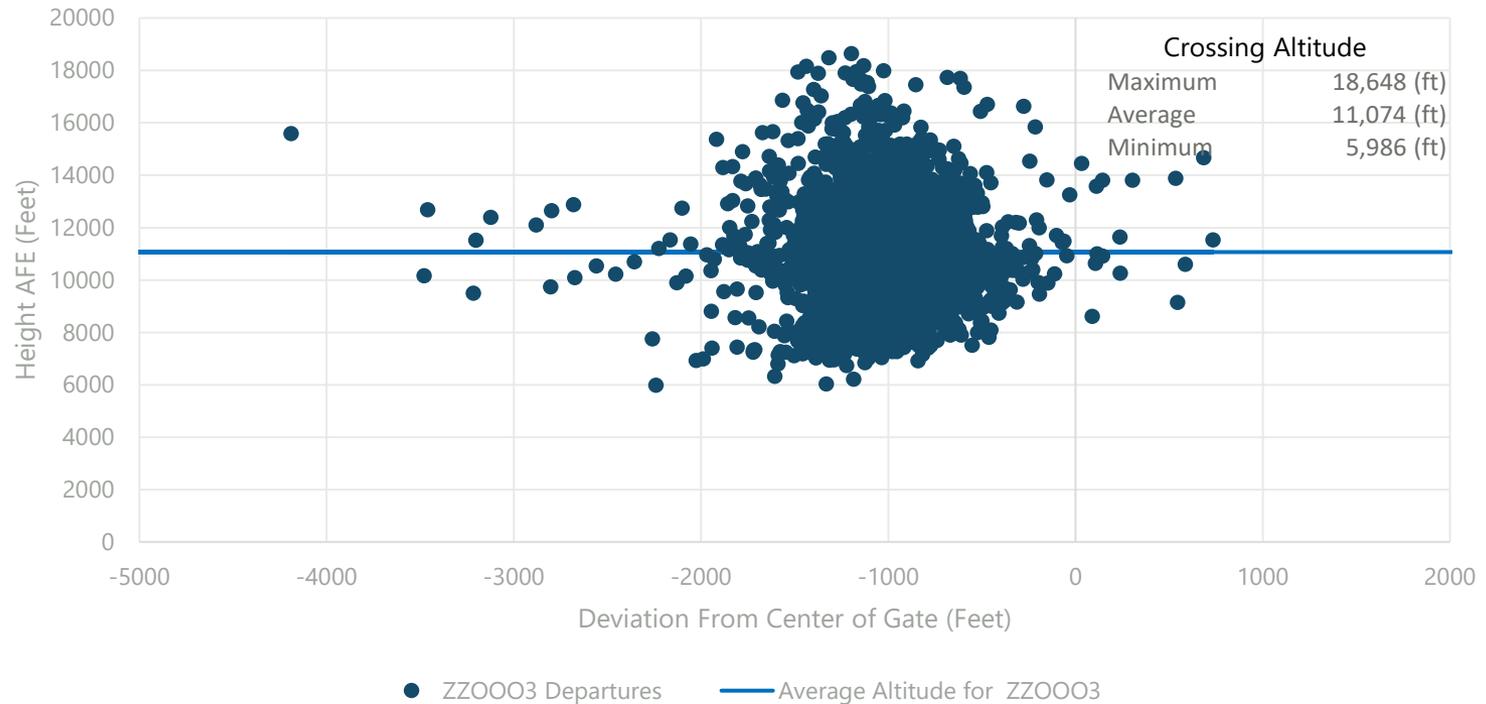
AFE = Above Field Elevation; SAN AFE is 17 feet.

Runway 27 jet departures on ZZ000 SID from Runway 27 to ZZ000 Waypoint; June 14, 2022 to July 13, 2022 (ZZ0002 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m., includes business jets, regional jets, cargo jets and air carrier jets.

Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Gate Plot: On ZZ0003 Departures at Gate ZZ000 Waypoint

Gate Penetration Plot for Gate ZZ000 Waypoint



NOTE:

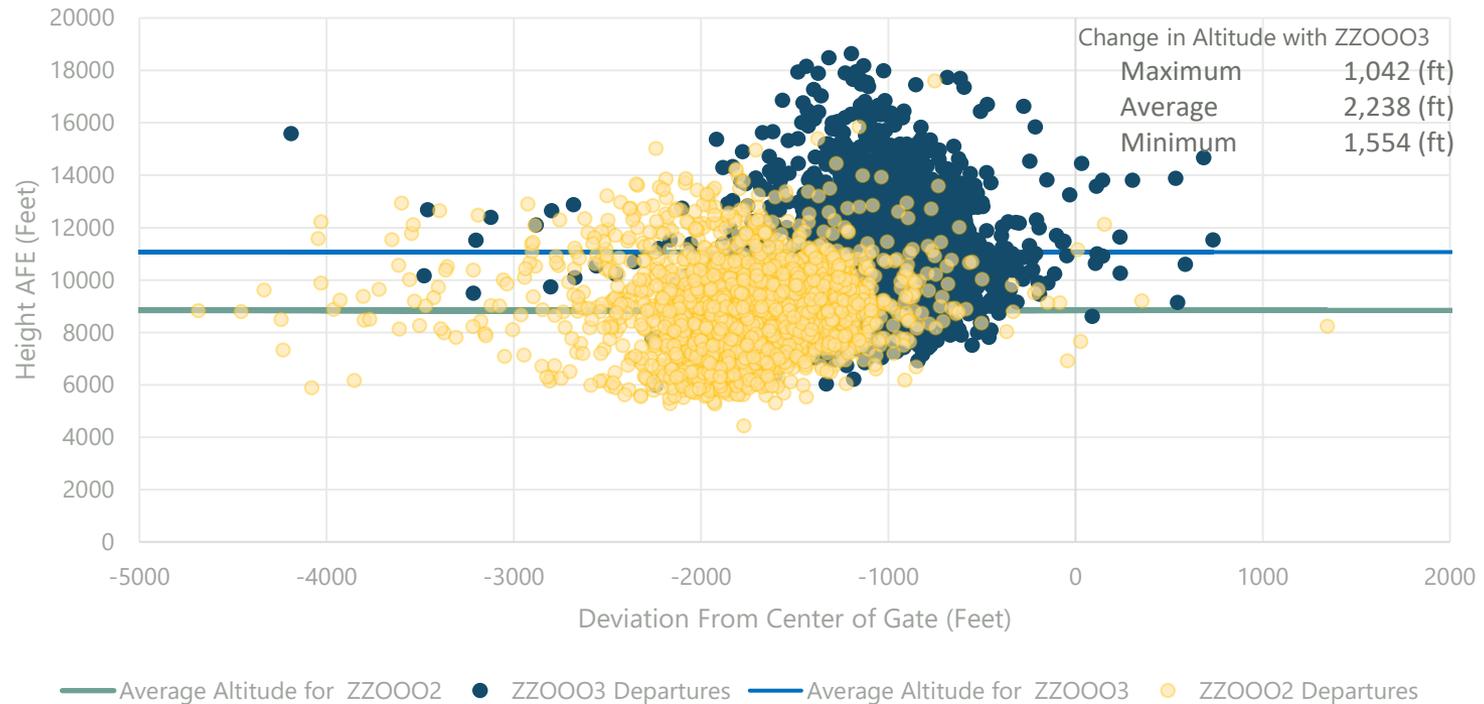
AFE = Above Field Elevation; SAN AFE is 17 feet.

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Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Gate Plot – Comparisons Departures On ZZ0002 and On ZZ0003

Gate Penetration Plot for Gate ZZ000 Waypoint



**NOTE:**

AFE = Above Field Elevation; SAN AFE is 17 feet.

Runway 27 jet departures on ZZ000 SID from Runway 27 to ZZ000 Waypoint; June 14, 2022 to July 13, 2022 (ZZ0002 Departures), and July 14, 2022 to August 13, 2022 (ZZ0003 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m., includes business jets, regional jets, cargo jets and air carrier jets.

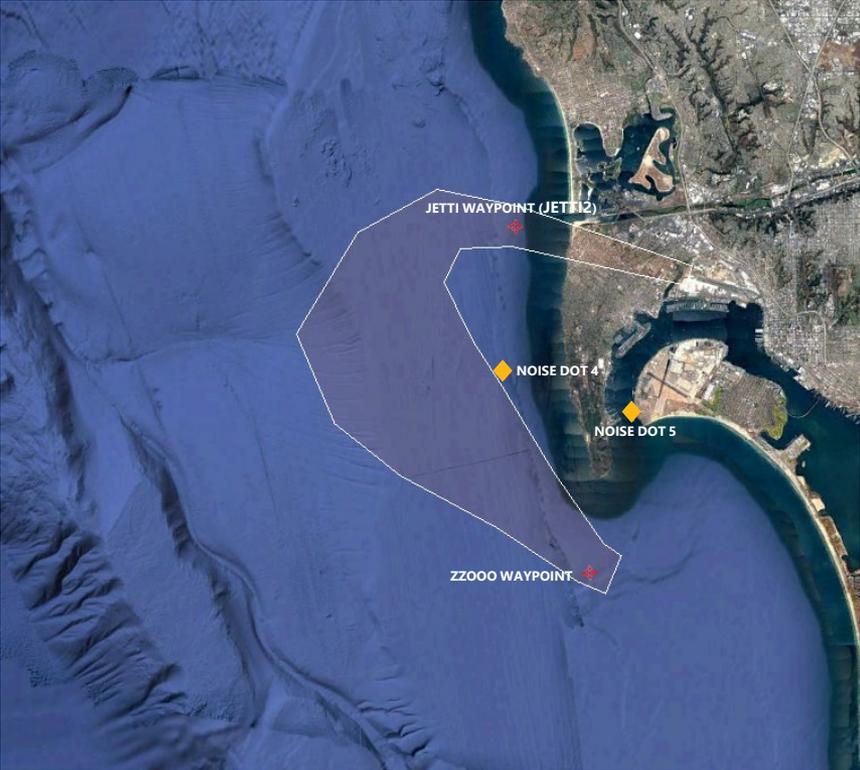
Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# On the ZZ000 SID Path

From Runway 27 to Flyby ZZ000 Waypoint

# Departures “On ZZ000 SID” Definition

ZZ000 2 SID Corridor



ZZ000 3 SID Corridor



Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Departures On ZZ000 SID Comparison Flight Path

ZZ000 2 SID



ZZ000 3 SID

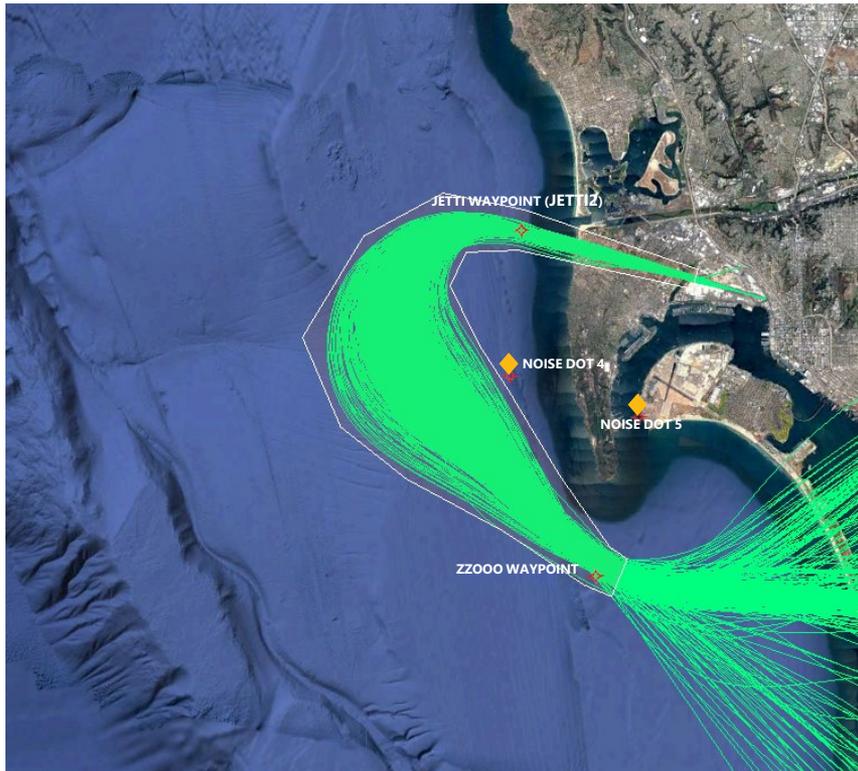


NOTE:  
Runway 27 jet departures on ZZ000 SID from Runway 27 to ZZ000 Waypoint; June 14, 2022 to July 13, 2022 (ZZ0002 Departures), and July 14, 2022 to August 13, 2022 (ZZ0003 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m., includes business jets, regional jets, cargo jets and air carrier jets

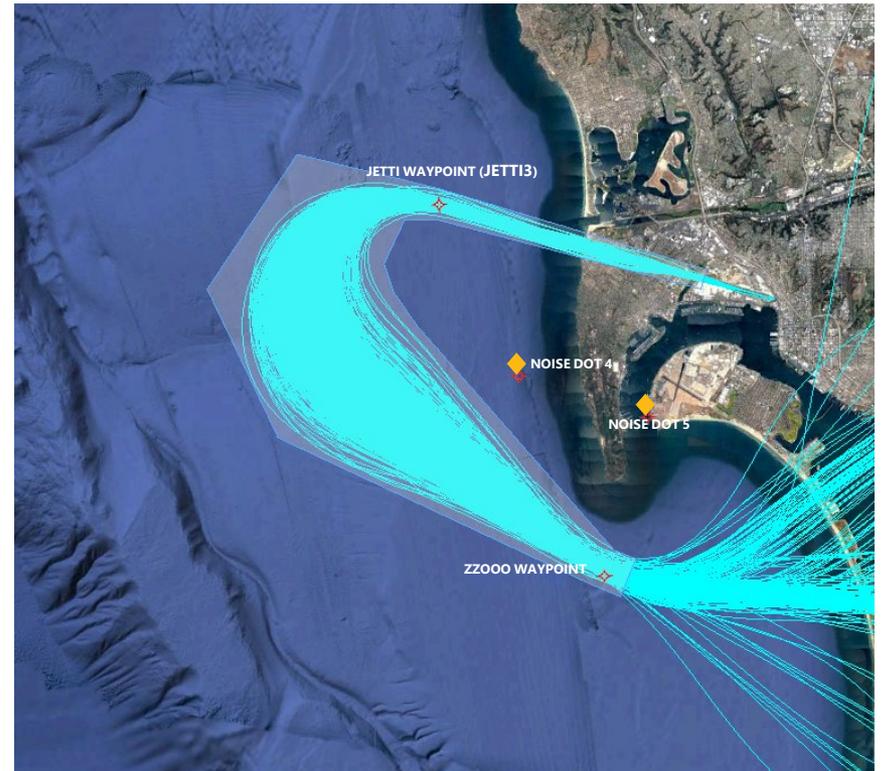
Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Departures On ZZ000 SID Comparison Staying On Path

**87%** ZZ000 2 SID  
of left turn Eastbound departures from  
Runway 27 are on ZZ000 SID



**78%** ZZ000 3 SID  
of left turn Eastbound departures from  
Runway 27 are on ZZ000 SID



NOTE:

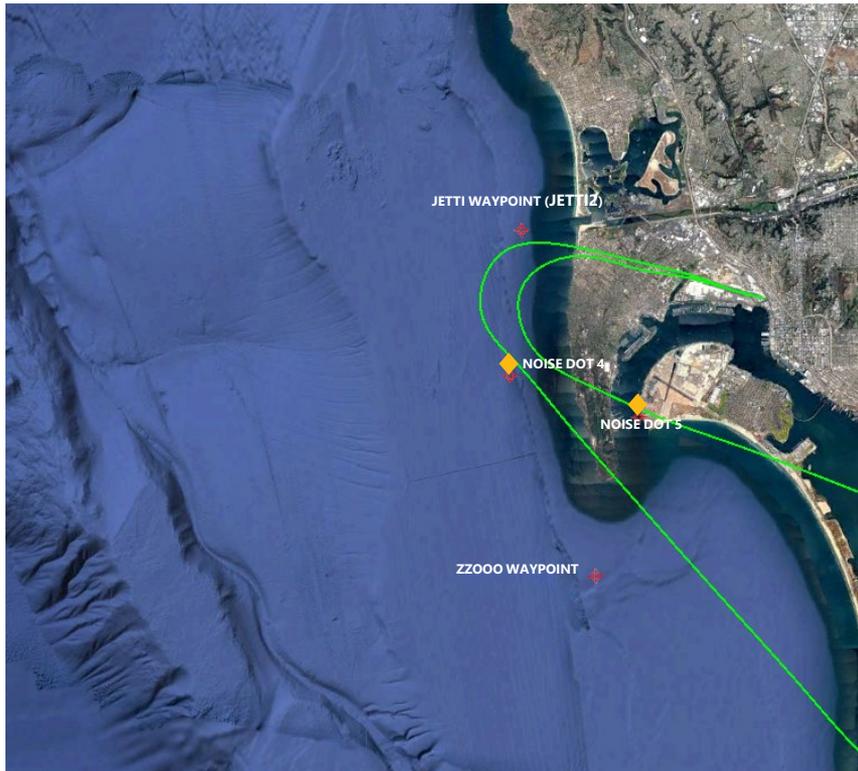
Runway 27 jet departures on ZZ000 SID from Runway 27 to ZZ000 Waypoint; June 14, 2022 to July 13, 2022 (ZZ0002 Departures), and July 14, 2022 to August 13, 2022 (ZZ0003 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m., includes business jets, regional jets, cargo jets and air carrier jets

Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Departures Turn Prior to JETTI Waypoint

Non-ZZ000 2 SID Departures

**Less than 1%** of departures from Runway 27 turn left that are not on Z000 SID turn prior to JETTI Waypoint.



Non-ZZ000 3 SID Departures

**25%** of departures from Runway 27 turn left that are not on Z000 SID turn prior to JETTI Waypoint.



NOTE:

Runway 27 jet departures on ZZ000 SID from Runway 27 to ZZ000 Waypoint; June 14, 2022 to July 13, 2022 (ZZ0002 Departures), and July 14, 2022 to August 13, 2022 (ZZ0003 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m., includes business jets, regional jets, cargo jets and air carrier jets

Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# On-ZZ000 Initial Departure Path Dispersion

# Initial Departure Path

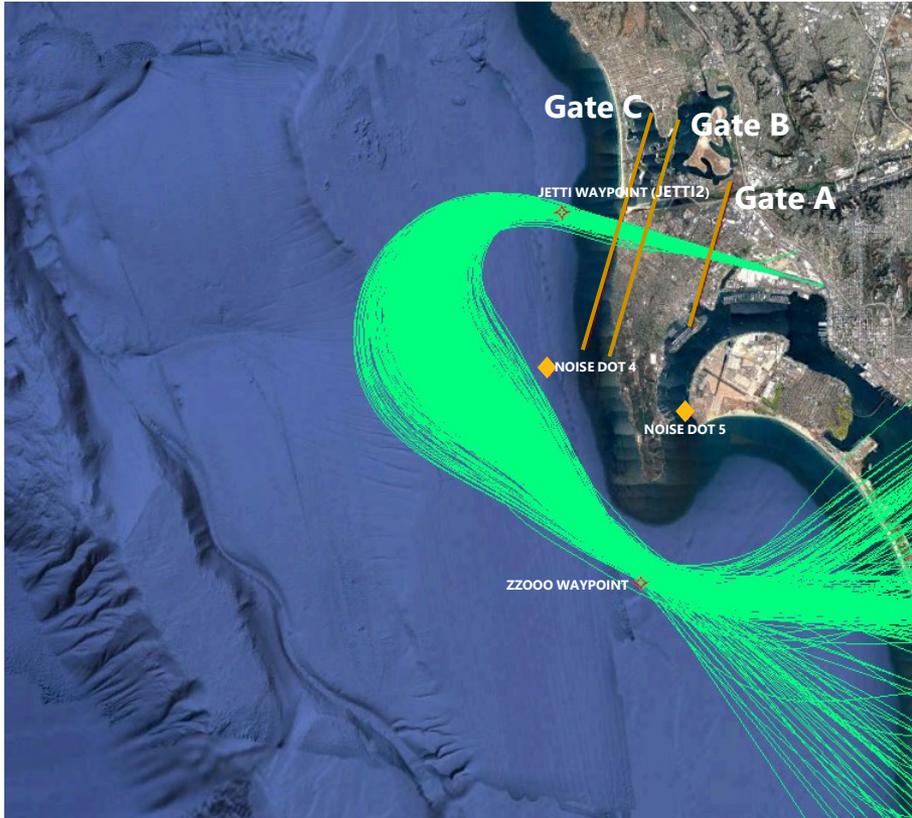
Distance form Runway 27 to Departure Gates



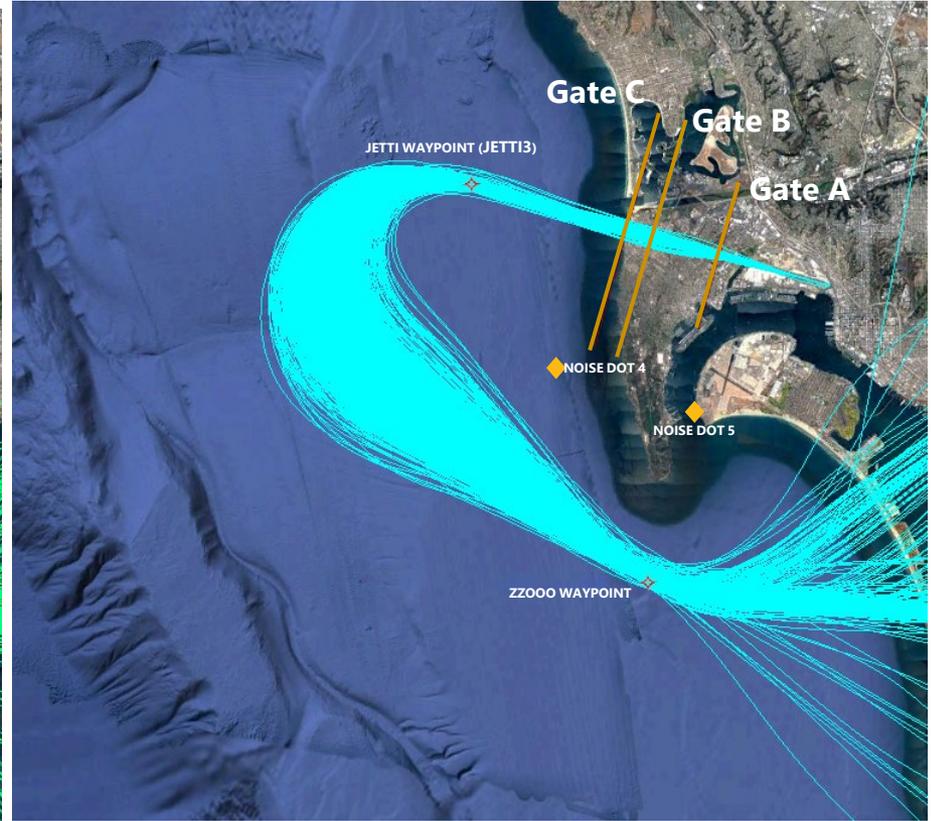
Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Initial Departure Path

## ZZ0002 Departures



## ZZ0003 Departures

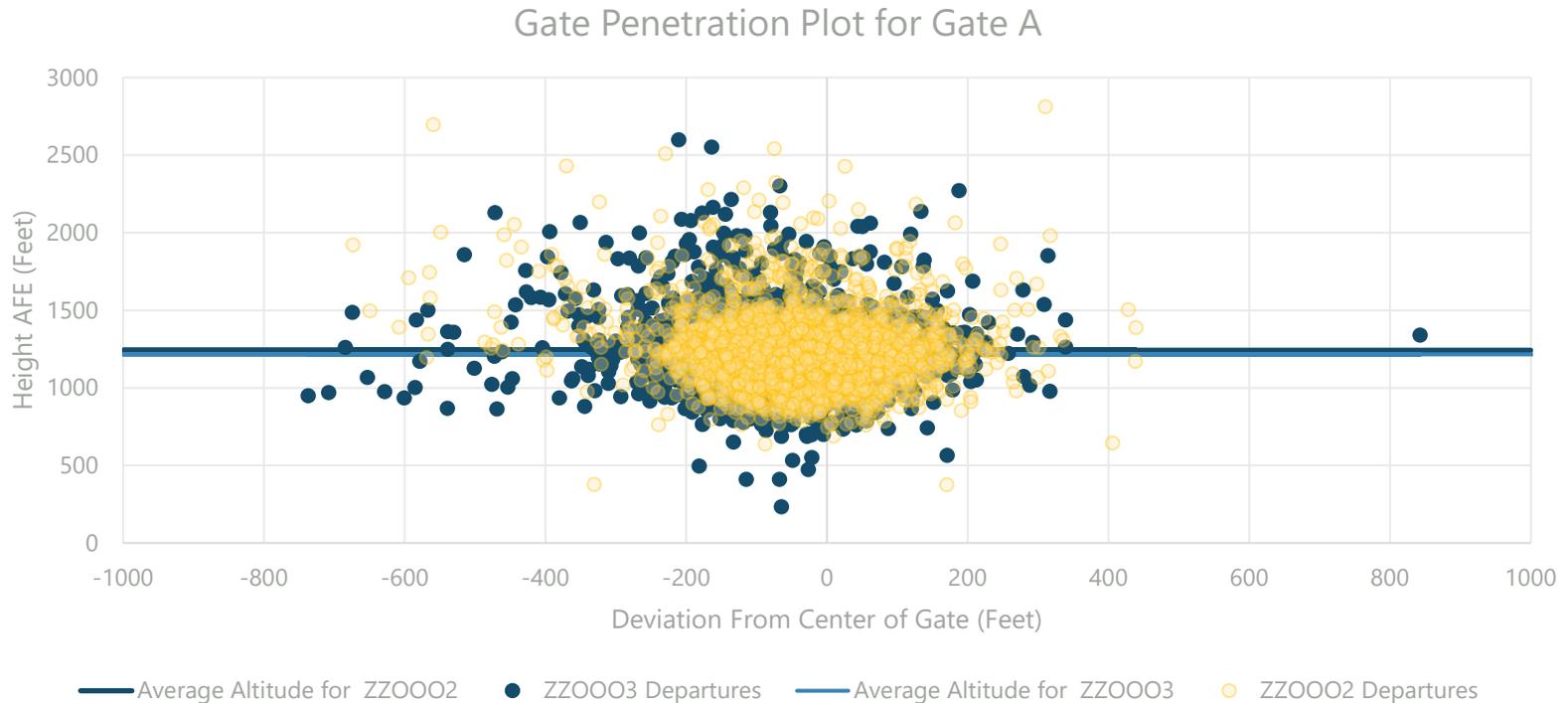


**NOTE:**

Runway 27 jet departures on ZZ000 SID from Runway 27 to ZZ000 Waypoint; June 14, 2022 to July 13, 2022 (ZZ0002 Departures), and July 14, 2022 to August 13, 2022 (ZZ0003 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m., includes business jets, regional jets, cargo jets and air carrier jets

Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Gate A Plot – Comparisons Departures On ZZ0002 and On ZZ0003



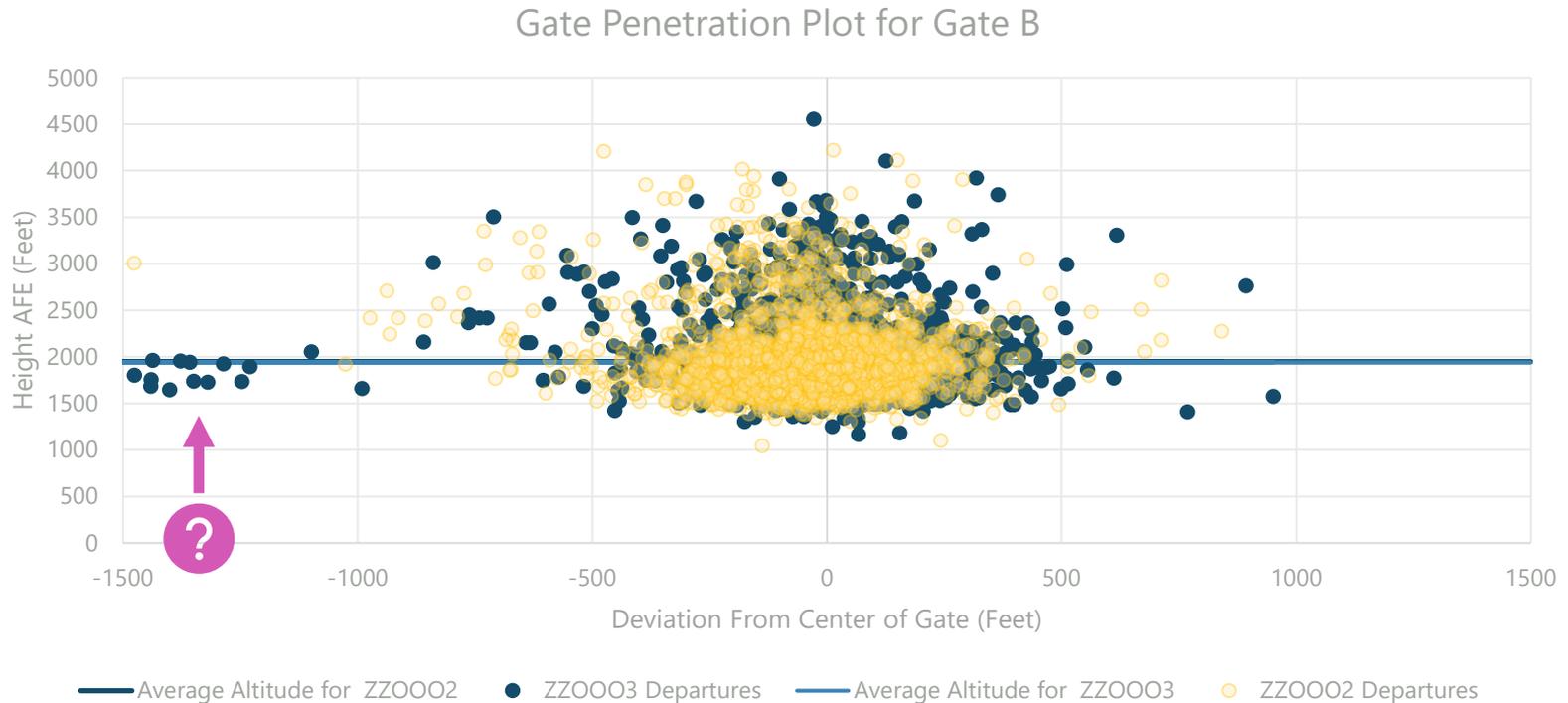
NOTE:

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Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Gate B Plot – Comparisons Departures On ZZ0002 and On ZZ0003



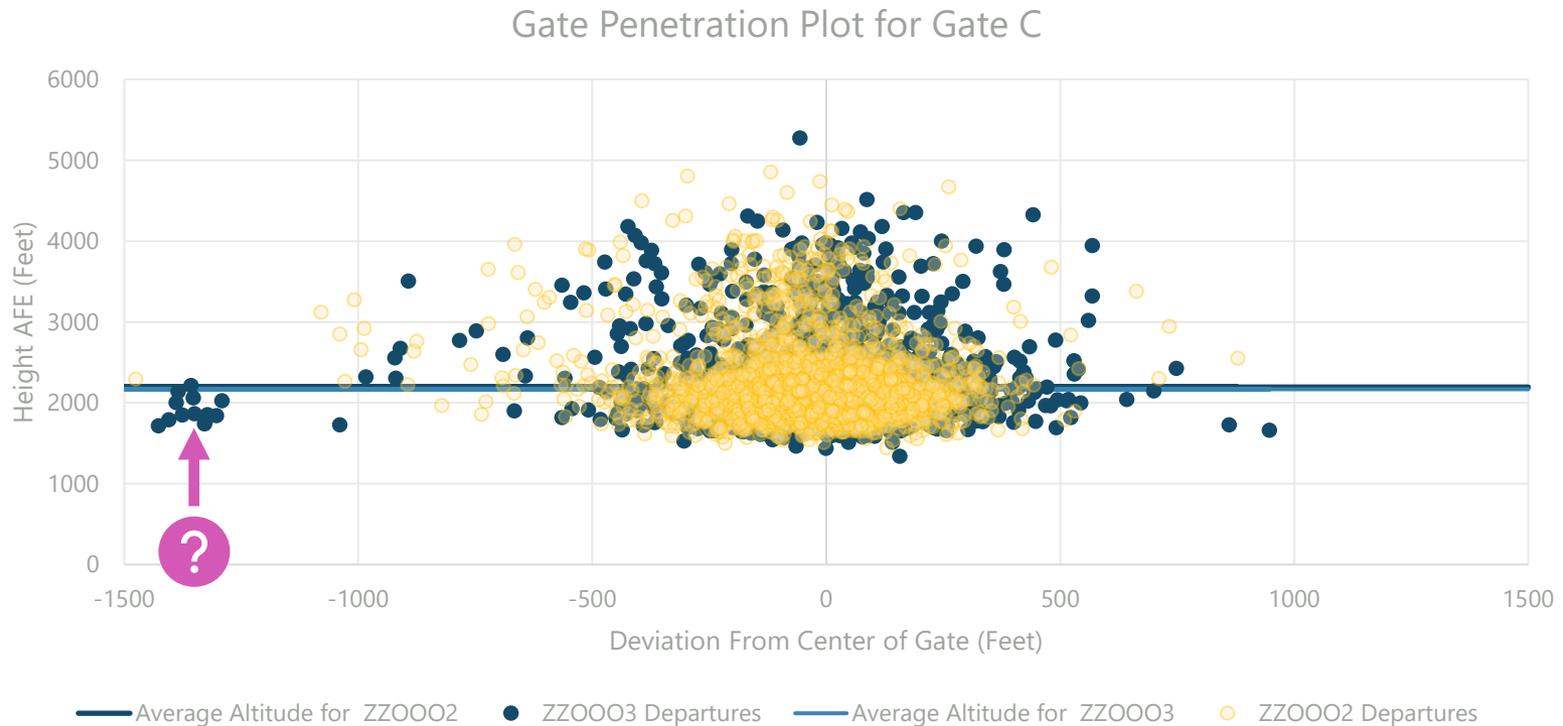
NOTE:

AFE = Above Field Elevation; SAN AFE is 17 feet.

Runway 27 jet departures on ZZ000 SID from Runway 27 to ZZ000 Waypoint; June 14, 2022 to July 13, 2022 (ZZ0002 Departures), and July 14, 2022 to August 13, 2022 (ZZ0003 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m., includes business jets, regional jets, cargo jets and air carrier jets.

Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Gate C Plot – Comparisons Departures On ZZ0002 and On ZZ0003



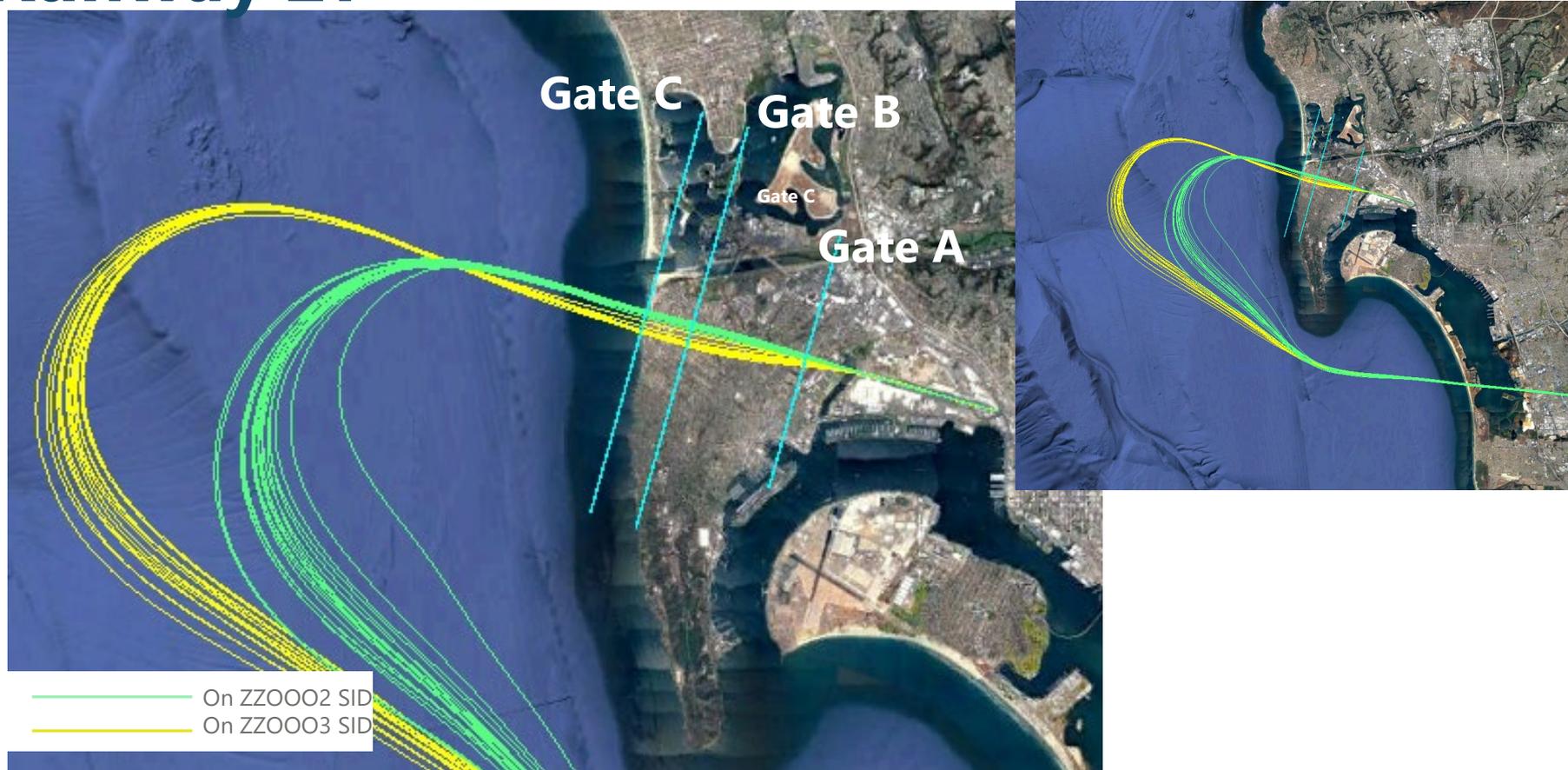
NOTE:

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Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# British Airways B777 Departures from Runway 27



NOTE:  
Runway 27 jet departures on ZZOOO SID of BAW carrier from Runway 27; June 14, 2022 to July 13, 2022 (ZZOOO2 Departures), and July 14, 2022 to August 13, 2022 (ZZOOO3 Departures); Excludes departures between 10:00 p.m. and 5:59 a.m.

Excludes departures between 10:00 p.m. and 5:59 a.m. and includes BAW carrier only.  
Source: Based on SAN ANOMS System, August 2022; Ricondo & Associates, Inc., August 2022.

# Public Comment ZZ000 THREE Departure Update

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Questions ?





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## Project Updates

Sjohnna Knack

Program Manager



# Aircraft Noise Project Updates

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- On September 2, 2022, the FAA accepted the Part 150 Noise Exposure Map, they will now begin the 180-day review of the Noise Compatibility Program.
- Work on the EIR Noise Mitigation Measures continues, presentation at the December ANAC on FAA Reauthorization as it relates to noise issues.
- The State of CA has accepted our Variance application as of July 1, 2022. They will review our application for approval.
- Two sites were monitored in the Portable Noise Monitoring program and draft reports were provided. Open to public by the end of October, email will be sent to ANAC members.
- The FAA issued another QHP grant for just over \$14 million.

# Public Comment on Noise Project Updates

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Questions ?





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# Current Aircraft Noise Trends

William Hobson,  
Aircraft Noise Specialist

# Activity Trends



## Mercy Flights

Mercy flights after curfew trending up



## New Air Service

*New/Recovered service to markets in Orlando and Provo*



## Operations

*Operations are at 91% of pre-COVID levels*

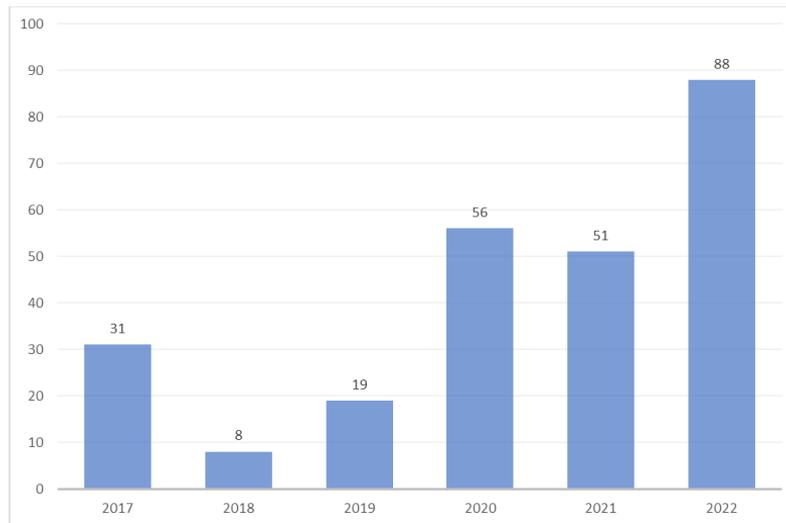


## Passengers

*Passengers are at 95% of pre-COVID levels*

# Mercy Flights after Curfew

- Mercy Flights after the curfew increased steadily after the beginning of the pandemic.
- Majority of Mercy flights are associated with UCSD hospital in Hillcrest.
- Operators were contacted regarding the increase in post-curfew departures, and it was explained that new contracts were recently awarded to these carriers and that SAN is the closest and most convenient airport to operate out of.



**View our website for monthly updates on more noise statistics and call our office with any questions!**

# Public Comment on Current Noise Concerns & Trends

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# Questions ?



# Public Comment on Non-Agenda Items

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- Before speaking, state your name and begin your comments

# Adjourn



Next Meeting December 21, 2022