



# Meeting Agenda

## Regular Meeting

Meeting No. 343  
**Wednesday, April 5, 2023 - 7:00 p.m.**  
**\*VIA HYBRID ACCESS\***

**Millbrae Library Meeting Room**  
**1 Library Avenue | Millbrae, CA 94030**

Library Access & Additional Parking available at:  
450 Poplar Avenue | Millbrae, CA 94030  
\*see attached map & parking directions

Public may also join the virtual webinar:  
<https://smcgov.zoom.us/j/99504028352>

Or Dial in:  
US: +1(669)900-6833 Webinar ID: 995 0402 8352

This meeting of the San Francisco Airport Community Roundtable will be in person at the above mentioned address. Members of the public will be able to participate in the meeting remotely via the Zoom platform or in person at 450 Poplar Avenue, Millbrae, CA 94030. For information regarding how to participate in the meeting, either in person or remotely, please refer to instructions at the end of the agenda.

### **HYBRID PUBLIC PARTICIPATION:**

List of attendees (using zoom sign-in credentials) will be displayed periodically throughout the meeting.

#### Public Comment

\*Written public comments can be emailed to [amontescardenas@smcgov.org](mailto:amontescardenas@smcgov.org), and should include specific agenda item to which you are commenting.

\*Spoken public comments will also be accepted during the meeting in-person or via Zoom on Items NOT on the Agenda and for each Regular Agenda Item and at the end of Presentations, at the option of the speaker.

\*\*Please see instructions for written and spoken comments at the end of this agenda.

### **ADA Requests**

Individuals who require special assistance or a disability-related modification or accommodation to participate in this meeting, or who have a disability and wish to request an alternative format for the agenda packet or other writings that may be distributed at the meeting, should contact Angela Montes, as early as possible but no later than 10:00am the day before the meeting at [amontescardenas@smcgov.org](mailto:amontescardenas@smcgov.org). Notification in advance of the meeting will enable Staff to make

reasonable arrangements to ensure accessibility to this meeting, the materials related to it, and your ability to comment.

**AGENDA**

**Call to Order / Roll Call / Declaration of a Quorum Present**  
Sam Hindi, Roundtable Chairperson

**Public Comment on Items NOT on the Agenda**  
Speakers are limited to two minutes. Roundtable members cannot discuss or take action on any matter raised under this item.

**Action to set Agenda and to Approve Consent Items**  
Sam Hindi, Roundtable Chairperson

**CONSENT AGENDA**

All items on the Consent Agenda are approved/accepted in one motion. A Roundtable Representative can make a request, prior to action on the Consent Agenda, to transfer a Consent Agenda item to the Regular Agenda. Any items on the Regular Agenda may be transferred on the Consent Agenda in a similar manner. Public Comment is received prior to approval of the Consent Agenda.

- 1. Approval of Draft Minutes
  - a. February 1, 2023 Regular Meeting pg. 10
- 2. Airport Director's Reports
  - a. January 2023 pg. 15
  - b. February 2023 pg. 21
- 3. FY22-23 Q3 Budget v. Actuals pg. 27

**REGULAR AGENDA**

Public Comment received on Regular Agenda items prior to action.

- 4. **ACTION**: Review TWG Recommendation to Initiate Process to Research and Investigate Potential Implementation of Roundtable GBAS Suggestions 4, 5, and 6  
Eugene Reindel, Technical Consultant  
Sam Hindi, Roundtable Chairperson

**PRESENTATIONS**

Public Comment on Presentation items will be taken after the last item under presentations.

- 5. **Update on Activities at Other Airports or Roundtables**  
Eugene Reindel, Technical Consultant
- 6. **Chairman's Update**  
Sam Hindi, Roundtable Chairperson

**7. Airport Director Update**

Ivar Satero, Airport Director

**a. Aircraft Noise Office Update**

Bert Ganoung, Aircraft Noise Office Manager

**8. Subcommittee Updates**

**a. Technical Working Group Update**

Sam Hindi, Subcommittee Chairperson

**b. Ground-Based Noise Update**

Ann Schneider, Subcommittee Chairperson

**c. [Legislative Subcommittee Meeting of February 23, 2023](#)**

Al Royse, Subcommittee Chairperson

*Attachment: Chairman Memorandum*

pg. 28

**MEETING CLOSURE**

**9. Member Communications / Announcements**

Roundtable Members and Staff

**10. Adjourn**

Sam Hindi, Roundtable Chairperson

**Information Only**

**i. HMMH FAA IFP Information Gateway Review – January & February 2023**

pg. 31

**\*\*Instructions for Public Comment during Meeting**

During the meeting, members of the public may address the Membership as follows:

**Written Comments:**

Written public comments may be emailed in advance of the meeting. Please read the following instructions carefully:

1. Your written comment should be emailed to [amontescardenas@smcgov.org](mailto:amontescardenas@smcgov.org)
2. Your email should include the specific agenda item on which you are commenting.
3. Members of the public are limited to one comment per agenda item.
4. The length of the emailed comment should be commensurate with two minutes customarily allowed for verbal comments, which is approximately 250-300 words.
5. If your emailed comment is received by 5:00 pm on the day before the meeting, it will be provided to the Roundtable and made publicly available on the agenda website under the specific item to which comment pertains. The Roundtable will make every effort to read emails received after that time but cannot guarantee such emails will be read during the meeting, although such emails will still be included in the administrative record.

**Spoken Comments:**

**In-person Participation:**

1. If you wish to speak to the Membership, please fill out a speaker's slip located at the entrance. If you have anything you wish distributed to the Membership and included in the official record, please hand it to the Clerk who will distribute the information to the Membership and Staff.

**Via Teleconference (Zoom):**

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1. The meeting may be accessed through Zoom online at <https://smcgov.zoom.us/j/99504028352>. The webinar ID: 995 0402 8352. The meeting may also be accessed via telephone by dialing in +1-669-900-6833, entering webinar ID then press #. Members of the public can also attend this meeting physically in the Millbrae Library Community Room (address above).
2. You may download the Zoom client or connect to the meeting using the internet browser. If you are using your browser, make sure you are using current, up-to-date browser: Chrome 30+, Firefox 27+, Microsoft Edge 12+, Safari 7+. Certain functionality may be disabled in older browsers including Internet Explorer.
3. You will be asked to enter an email address and name. We request that you identify yourself by name as this will be visible online and will be used to notify you that it is your turn to speak.
4. When the Chairperson calls for the item on which you wish you speak click on “raise-hand” icon. You will then be called on and unmuted to speak.

### **\*Additional Information:**

For any questions or concerns regarding Zoom, including troubleshooting, privacy, or security settings, please contact Zoom directly.

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**Note:** Public records that relate to any item on the open session Agenda (Consent and Regular Agendas) for a Regular Airport/Community Roundtable Meeting are available for public inspection. Those records that are distributed less than 72 hours prior to a Regular Meeting are available for public inspection at the same time they are distributed to all Roundtable Members, or a majority of the Members of the Roundtable. The Roundtable has designated the San Mateo County Planning & Building Department, at 455 County Center, 2nd Floor Redwood City, California 94063, for the purpose of making those public records available for inspection. The documents are also available on the Roundtable website at: [www.sfroundtable.org](http://www.sfroundtable.org).



## SFO Roundtable: Meeting Wednesday, April 5, 2023

Millbrae Library Meeting Room

**Library ENTRANCE & Library Parking Lot accessible at: GPS address = 450 Poplar Avenue, Millbrae**

From parking lot and on-street parking on **1 Library Avenue**:  
walk via steps from **1 Library Avenue** sidewalk along path to front of library (see image)

### PARKING:

1. Library Parking Lot adjacent to the Library (using GPS address = 450 Poplar Street, Millbrae)
2. Parking lot on Library Avenue
3. Nearby neighborhood on-street parking

### **MAIN ENTRANCE**

Main library entrance

### ACCESSIBILITY:

From: **Library Parking Lot** -Direct access

From: **1 Library Avenue**, steps or ramp lead to walkway that runs along side of library to the front door of library.



**VIEW FROM LIBRARY PARKING LOT**



**FROM: 1 LIBRARY AVENUE, STEPS OR RAMP LEAD TO WALKWAY THAT RUNS ALONG THE SIDE OF LIBRARY TO THE FRONT DOOR OF LIBRARY.**



# Welcome

The Airport/Community Roundtable is a voluntary committee that provides a public forum to address community noise issues related to aircraft operations at San Francisco International Airport. The Roundtable encourages orderly public participation and has established the following procedure to help you, if you wish to present comments to the committee at this meeting in-person or via Zoom.

- For written comments you may email your comments ahead of time to [amontescardenas@smcgov.org](mailto:amontescardenas@smcgov.org).
- To speak during the meeting in-person, submit a speaker slip to staff.
- To speak during the meeting via Zoom, you may use "raise-hand."
- The Roundtable Staff will call your name and allow you to speak. Full instructions in agenda below.

The Roundtable may receive several speaker requests on more than one Agenda item; therefore, each speaker is limited to two (2) minutes to present his/her comments on any Agenda item unless given more time by the Roundtable Chairperson. The Roundtable meetings are recorded. Video file of meeting will be posted to website once available. Please contact the Roundtable Coordinator for any request.

Roundtable Meetings are accessible to people with disabilities. Individuals who need special assistance or a disability-related modification or accommodation to participate in this meeting, or who have a disability and wish to request an alternative format for the Agenda, Meeting Packet, or other writings that may be distributed at the meeting, should contact the Roundtable Coordinator at least two (2) working days before the meeting at the phone or e-mail listed below. Notification in advance of the meeting will enable Roundtable staff to make reasonable arrangements to ensure accessibility to this meeting.



# About the Roundtable

The Airport/Community Roundtable was established in May 1981, by a Memorandum of Understanding (MOU), to address noise impacts related to aircraft operations at San Francisco International Airport (SFO). The Airport is owned and operated by the City and County of San Francisco, but it is located entirely within San Mateo County. This voluntary committee consists of 24 appointed and elected officials from the City and County of San Francisco, the County of San Mateo, and several cities in San Mateo County (see attached Membership Roster). It provides a forum for the public to address local elected officials, Airport management, FAA staff, and airline representatives, regarding aircraft noise issues. The committee monitors a performance-based aircraft noise mitigation program, as implemented by Airport staff, interprets community concerns, and attempts to achieve additional noise mitigation through a cooperative sharing of authority brought forth by the airline industry, the FAA, Airport management, and local government officials. The Roundtable adopts an annual Work Program to address key issues. In 2023, the Roundtable is scheduled to meet on the first Wednesday of the following months: February, April, June, August, October and December. Regular Meetings are held on the first Wednesday of the designated month at 7:00 p.m. at **the David Chetcuti Community Room at 450 Poplar Avenue, Millbrae, California unless otherwise noted. Meetings are also broadcast via Zoom to encourage public participation.** Special Meetings and workshops are held as needed. The members of the public are encouraged to attend the meetings and workshops to express their concerns and learn about airport/aircraft noise and operations.

## POLICY STATEMENT

The Airport/Community Roundtable reaffirms and memorializes its longstanding policy regarding the “shifting” of aircraft-generated noise, related to aircraft operations at San Francisco International Airport, as follows:

**“The Airport/Community Roundtable members, as a group, when considering and taking actions to mitigate noise, will not knowingly or deliberately support, encourage, or adopt actions, rules, regulations or policies, that result in the “shifting” of aircraft noise from one community to another, when related to aircraft operations at San Francisco International Airport.”**

*(Source: Roundtable Resolution No. 93-01)*

## FEDERAL PREEMPTION, RE: AIRCRAFT FLIGHT PATTERNS

The authority to regulate flight patterns of aircraft is vested exclusively in the Federal Aviation Administration (FAA). Federal law provides that:

**“No state or political subdivision thereof and no interstate agency or other political agency of two or more states shall enact or enforce any law, rule, regulation, standard, or other provision having the force and effect of law, relating to rates, routes, or services of any air carrier having authority under subchapter IV of this chapter to provide air transportation.”**

*(Source: 49 U.S.C. A. Section 1302(a)(1)).*





# Member Roster

March 2023

**CITY AND COUNTY OF SAN FRANCISCO  
BOARD OF SUPERVISORS**  
Vacant

**CITY AND COUNTY OF SAN FRANCISCO MAYOR'S  
OFFICE**  
Alexandra Sweet, (Appointed)

**CITY AND COUNTY OF SAN FRANCISCO AIRPORT  
COMMISSION REPRESENTATIVE**  
Ivar Satero, Airport Director (Appointed)  
Alternate: Doug Yakel, Public Information Officer

**COUNTY OF SAN MATEO  
BOARD OF SUPERVISORS**  
Dave Pine  
Alternate: Warren Slocum

**CITY/COUNTY ASSOCIATION OF GOVERNMENTS  
AIRPORT LAND USE COMMITTEE (ALUC)**  
Carol Ford (Appointed)

**TOWN OF ATHERTON**  
Stacy Holland  
Alternate: Diana Hawkins-Manelian

**CITY OF BELMONT**  
Robin Pang-Maganaris  
Alternate: Davina Hurt

**CITY OF BRISBANE**  
Terry O'Connell  
Alternate: Madison Davis

**CITY OF BURLINGAME**  
Ricardo Ortiz  
Alternate: Peter Stevenson

**TOWN OF COLMA**  
John Goodwin  
Alternate: Joanne del Rosario

**CITY OF DALY CITY**  
Pamela DiGiovanni  
Alternate: Rod Daus-Magbual

**CITY OF EAST PALO ALTO**  
Vacant  
Alternate: Antonio Lopez

**CITY OF FOSTER CITY**  
Sam Hindi  
Alternate: Jon Froomin

**CITY OF HALF MOON BAY**  
Harvey Rarback  
Alternate: Deborah Ruddock

**TOWN OF HILLSBOROUGH**  
Alvin Royse  
Alternate: Christine Krolik

**CITY OF MENLO PARK**  
Cecilia Taylor  
Alternate: Drew Combs

**CITY OF MILLBRAE**  
Ann Schneider  
Alternate: Angelina Cahalan

**CITY OF PACIFICA**  
Christine Boles  
Alternate: Sue Vaterlaus

**TOWN OF PORTOLA VALLEY**  
Judith Hasko  
Alternate: Craig Hughes

**CITY OF REDWOOD CITY**  
Alicia Aguirre  
Alternate: Elmer Martinez Saballos

**CITY OF SAN BRUNO**  
Sandy Alvarez  
Alternate: Tom Hamilton

**CITY OF SAN CARLOS**  
Pranita Venkatesh  
Alternate: John Dugan

**CITY OF SAN MATEO**  
Rob Newsom  
Alternate: Lisa Diaz Nash

**CITY OF SOUTH SAN FRANCISCO**  
Mark Addiego  
Alternate: Mark Nagales

**TOWN OF WOODSIDE**  
Paul Goeld  
Alternate: Vacant

## ROUNDTABLE ADVISORY MEMBERS

**AIRLINES/FLIGHT OPERATIONS**  
Chief Pilot Lawrence Ellis, United Airlines

**FEDERAL AVIATION ADMINISTRATION**  
Erik Amend, Acting Regional Administrator  
Faviola Garcia, Deputy Regional Administrator  
Carlette Young, Office of Regional Administrator  
Joseph Bert, Team Manager, Western Service Center

**ROUNDTABLE STAFF**  
Kathleen Wentworth, Roundtable Coordinator  
Angela Montes, Roundtable Administrative Secretary  
Gene Reindel, Technical Consultant (HMMH)

**SFO AIRPORT NOISE OFFICE STAFF**  
Nupur Sinha, Director of Planning & Environmental Affairs  
Bert Ganoung, Aircraft Noise Office Manager

**SFO Airport/Community Roundtable**

Meeting No. 342 Minutes

Wednesday, February 1, 2023

**Call to Order / Roll Call / Declaration of a Quorum Present**

Roundtable Chairperson, Sam Hindi, called the Regular Meeting of the SFO Airport/Community Roundtable to order, at approximately 7:00 p.m., via teleconference. Roundtable Coordinator, Kathleen Wentworth called the roll. A quorum (at least 13 Regular Members) was present as follows:

**REGULAR MEMBERS PRESENT**

Ivar Satero – City and County of San Francisco Airport Commission  
Carol Ford – C/CAG Airport Land Use Committee (ALUC)  
Stacy Holland – Town of Atherton  
Robin Pang-Maganaris – City of Belmont  
Terry O’Connell – City of Brisbane  
Ricardo Ortiz – City of Burlingame  
Antonio Lopez – City of East Palo Alto  
Sam Hindi – City of Foster City  
Al Royse – Town of Hillsborough  
Cecilia Taylor – City of Menlo Park  
Ann Schneider – City of Millbrae  
Christine Boles – City of Pacifica  
Judith Hasko – Town of Portola Valley  
Kaia Eakin – City of Redwood City  
Sandy Alvarez – City of San Bruno  
Rob Newsom – City of San Mateo  
Pranita Venkatesh – City of San Carlos (joined at 8:00pm)  
Mark Addiego – City of South San Francisco

**REGULAR MEMBERS ABSENT**

City and County of San Francisco Board of Supervisors  
City and County of San Francisco Mayor’s Office  
County of San Mateo Board of Supervisors  
Town of Colma  
City of Daly City  
City of Half Moon Bay  
Town of Woodside

**ROUNDTABLE STAFF**

Kathleen Wentworth – Roundtable Coordinator  
Eugene Reindel – Roundtable Technical Consultant (HMMH)  
Lisa Aozasa – County of San Mateo, Planning & Building, Deputy Director  
Angela Montes Cardenas – Roundtable Administrative Secretary

**ADDITIONAL ATTENDEES PRESENT**

Saul Miranda – District Representative to Senator Josh Becker

**SAN FRANCISCO INTERNATIONAL AIRPORT STAFF**

Bert Ganoung – Noise Office Manager  
Doug Yakel – Chief Information Officer

Paul Hannah – Consultant Chief Airspace and Flight Operations Engineer  
Christian Valdes – Senior Managing Consultant

FAA STAFF

Faviola Garcia – Deputy Regional Administrator

Alana Jaress – Community Engagement Officer

Chairman Hindi recognized that the meeting is taking place on the ancestral homeland of Ramaytush Ohlone. He welcomed new members assigned to the Roundtable.

**Public Comments for Items NOT on the Agenda (00:08:40)**

Chairman Hindi opened public comments. Ms. Montes shared a list of attendees.

Mark Shull from Palo Alto – commented on shared list of attendees.

Sue Digre from Pacifica – encouraged all members to be present and active on legislation.

Chairman Hindi closed public comments.

**Action to set Agenda and to Approve Consent Items 1-4 (00:12:10)**

Chairman Hindi open and closed public comments for consent items, no comments were received.

ACTION: Ann Schneider **MOVED** to set agenda and to approve consent items 1-3 and asked Mr. Ganoung to report on when low frequency noise will appear on Airport Noise Directors Reports. The motion was seconded by Ricardo and **CARRIED**, roll call vote passed. (Abstain: Pang-Maganaris (Belmont), Christine Boles (Pacifica), Judith Hasko (Portola Valley))

**Regular Agenda**

**5. Action: Election of Roundtable Chairperson for Calendar Year 2023 (00:16:40)**

Chairman Hindi opened the floor for nominations. Member Schneider noted that historically Chair and Vice Chair represent different parts of the County.

Chairman Hindi opened and closed public comment, no comments were received.

ACTION: Al Royse **MOVED** to nominate Sam Hindi for 2023 Chairman. The motion was seconded by Ricardo Ortiz and **CARRIED**, roll call vote passed.

**6. Election of Roundtable Vice-Chairperson for Calendar Year 2023 (00:21:50)**

Chairman Hindi opened the floor for nominations.

Chairman Hindi opened and closed public comment, no comments were received.

ACTION: Sam Hindi **MOVED** to nominate Al Royse for 2023 Vice Chairman. The motion was seconded by Ricardo Ortiz and **CARRIED**, roll call vote passed.

**7. Approval of Resolution 23-02: Designating Regular Roundtable Meeting Dates, Time & Place for Calendar Year 2023 (Minute 00:27:05)**

Chairman Hindi summarized the regular meeting schedule and noted that April 2023 will commence in-person meetings. He clarified that hybrid option is for members of the public to have the option to join in-person or remotely.

Chairman Hindi opened and closed public comment, no comments were received.

**ACTION:** Terry O'Connell **MOVED** to approve Resolution 23-02, designating regular Roundtable meeting dated, time and place for calendar year 2023. The motion was seconded by Al Royse and **CARRIED**, roll call vote passed.

### **8. Subcommittee Assignments/Meeting Frequency (Minute 00:32:20)**

Chairman Hindi summarized meeting frequency of subcommittees. Members volunteered as follows:

Ground-Based Noise: Ann Schneider (Subcommittee Chairperson), Al Royse, Sandy Alvarez.

Legislative: Al Royse (Subcommittee Chairperson), Ann Schneider, Antonio Lopez, Rob Newsom, Robin Pang-Maganaris.

Technical Working Group: Sam Hindi (Subcommittee Chairperson), Terry O'Connell, Ricardo Ortiz, Judith Hasko.

Ad-Hoc Portable Noise Monitor Placement: Cecilia Taylor (Subcommittee Chairperson), Terry O'Connell, Christine Boles.

Work Program: Sam Hindi (Subcommittee Chairman), Cecilia Taylor, Kaia Eakin, Al Royse, Terry O'Connell, Ann Schneider.

Chairman Hindi opened and closed public comment, no comments were received.

**ACTION:** Cecilia Taylor **MOVED** to approve Subcommittee assignments. The motion was seconded by Rob Newsom and **CARRIED**, roll call vote passed.

## **Presentations**

### **9. Chairman's Update (Minute 01:06:47)**

Chairman Hindi gave a verbal update to the Membership. He welcomed new members and spoke about in-person meetings, FPPC, and the Aviation Noise & Emissions Symposium.

### **10. Airport Director Update (Minute 01:13:44)**

Ivar Satero gave a verbal update to the Membership. He summarized 2022 passenger recovery and flight operations. He noted a lot of interest from Chinese airlines to resume flying to SFO. He spoke on resuming flight services from other airlines. He summarized runway 1L/R closure for construction and how that will affect the community. He noted FAA funding of \$21.6 million for Noise Program.

Conversation ensued with Chairman Hindi and Members Ann Schneider, Antonio Lopez, and Kaia Eakin.

**a. Noise Office Update (Minute 01:27:47)**

Bert Ganoung gave a verbal update to the Membership and shared a presentation. He provided a Noise Insulation Program Update including Replacement Initiative, Second Chance Initiative and Expanded Eligibility Initiative. Construction on 1L/R. He updated the Membership on the SFO Noise Office website update, GBAS, ANEEM, and NIITE/HUSSH tracking of non-conforming flights.

Conversation ensued with Member Ann Schneider and Chairman Hindi.

**b. Initial Feedback on SFO Roundtable Suggested GLS Procedures (Minute 01:38:47)**

Chairman Hindi introduced this item and thanked SFO for their rapid review of SFORT suggestions. Paul Hannah gave a verbal update to the Membership and shared a presentation. He summarized what was presented at the Technical Working Group including initial feedback on Roundtable suggested procedures and SFIA GBAS Subcommittee feedback, process for implementing 2A procedures and increasing utilization, and next steps for Group 1 and Group 2A IAs. He gave an overview of each suggestion and feasibility.

Mr. Hannah noted that SFIA GBAS Subcommittee is currently exploring procedures for Group 2A and he gave an overview of those procedures. He summarized the procedure development schedule and planned outreach.

Chairman Hindi noted that the procedures that are not feasible through GBAS will have a different approach for options of advancing those concepts.

Conversation ensued with Chairman Hindi, Airport Director Satero, Members Terry O'Connell, and Ann Schneider.

**11. Subcommittee Updates**

**a. Technical Working Group Meeting of January 17, 2023 (02:05:16)**

Chairman Hindi gave a verbal update to the Membership and summarized the January 17, 2023 meeting. The topics discussed were summarized. [Meeting may viewed here.](#)

**b. Ground-Based Noise Subcommittee (02:07:38)**

Subcommittee Chairperson Schneider gave a verbal update to the Membership. She summarized to new Members what ground-based noise is and summarized the results of the GBN Study.

**c. Legislative Subcommittee (Minute 02:11:10)**

Legislative Subcommittee Chair Royse invited the Membership to the February 23, 2023 Legislative meeting and summarized the agenda topics. He noted concern about FAA Reauthorization Act timing.

**Public Comments on Presentation Items 9-11 (Minute 02:14:00)**

Chairman Hindi opened public comment on presentation items.

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Mark Shull from Palo Alto – commented on beyond scope items on GBAS GLS.

Darlene Yaplee from Palo Alto – commented on her question to SFO regarding reporting averages and not single noise events.

Jennifer Landesmann from Palo Alto – commented on FAA outreach and pre and post implementation reviews.

Chairman Hindi closed public comment on presentation items.

Cecilia Taylor asked approach for bring forth single noise event reporting to TWG. Chairman Hindi will follow up.

**12. Member Communications/Announcements (Minute 02:23:22)**

None

**13. Adjourn**

Chairman Hindi adjourned the meeting at approximately 9:25 p.m.

*Roundtable action minutes are considered draft until approved by the Roundtable at a regular meeting. A video recording of this meeting is available on the Roundtable's website.*



# Airport Director's Report

Presented at the April 5, 2023  
Airport/Community Roundtable Meeting

Aircraft Noise Office  
January 2023



San Francisco  
International  
Airport

# Aircraft Noise Levels

January 2023

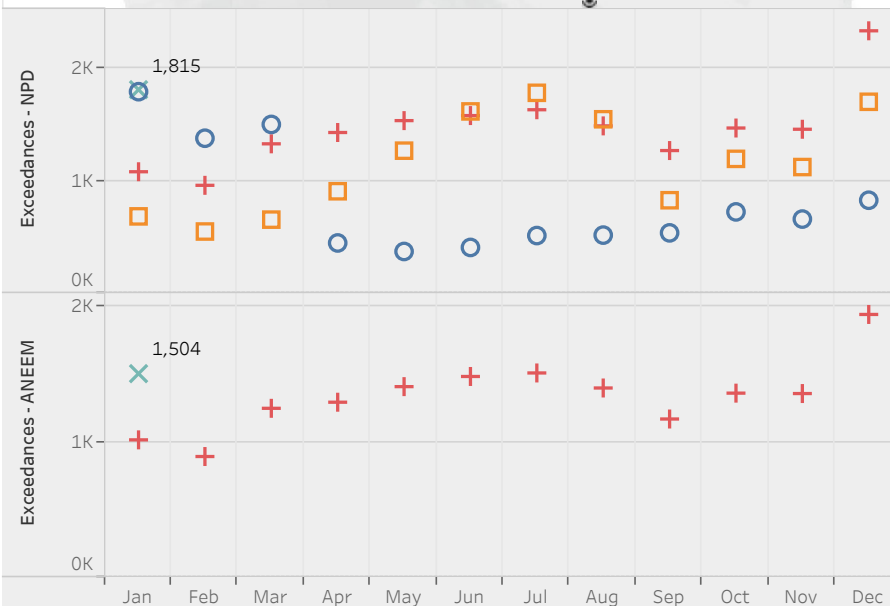
The map shows 29 aircraft noise monitoring locations that keep track of noise levels in the communities around the airport. The Community Noise Exposure Level (CNEL) metric is used to assess and regulate aircraft noise exposure in communities surrounding the airport.

Site	City	Noise Events (AVG Day)	ANOMS			Noise Events (AVG Day)	ANEEM Aircraft			
			CNEL (dBA)	Aircraft SEL (dBA)	Community LMax (dBA)		CNEL (dBA)	SEL (dBA)	LMax (dBA)	
1	San Bruno	120	71	93	82	67	120	71	93	82
2	San Bruno	97	56	80	68	64	67	56	81	69
3	SSF	56	51	79	68	63	138	53	77	64
4	SSF	111	67	89	77	60	123	67	89	77
5	San Bruno	118	65	88	75	62	173	65	86	72
6	SSF	111	64	87	75	58	175	64	85	69
7	Brisbane	22	46	78	67	59	49	47	76	63
8	Millbrae	30	63	91	76	66	106	64	86	69
9	Millbrae	17	52	82	68	60	148	54	75	61
10	Burlingame	12	53	83	70	60	89	54	77	62
11	Burlingame	16	55	85	71	58	189	57	77	62
12	Foster City	282	61	82	71	59	380	61	81	68
13	Hillsborough	12	48	81	67	57	46	48	74	59
14	SSF	94	59	83	71	65	174	59	81	66
15	SSF	103	57	82	69	60	220	58	79	65
16	SSF	85	58	83	71	59	170	58	80	66
17	SSF	91	58	82	70	61	169	58	80	66
18	Daly City	95	64	87	76	62	139	63	85	71
19	Pacifica	85	60	84	73	60	98	60	84	72
20	Daly City	60	49	77	65	60	120	49	74	62
21	San Francisco	33	45	76	63	61	13	41	75	65
22	San Bruno	72	55	81	70	64	188	58	79	67
23	San Francisco	46	51	79	68	62	89	52	77	65
24	San Francisco	51	63	91	70	80	70	49	75	64
25	San Francisco	17	42	77	65	57	58	42	71	60
26	San Francisco	11	47	81	67	61	29	42	73	60
27	San Francisco	15	47	82	67	60	27	43	74	61
28	Redwood City	9	40	77	65	55	37	42	72	59
29	San Mateo	165	57	79	66	58	331	57	76	62

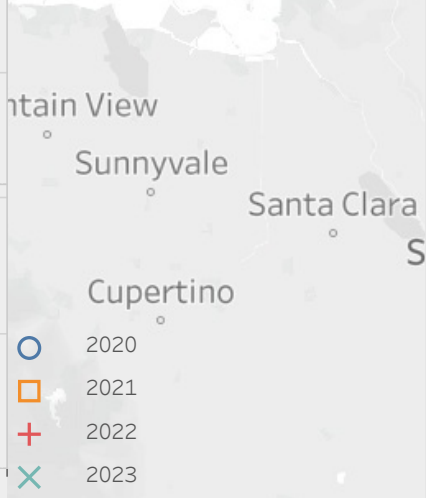


Noise Monitor's CNEL values (top) are derived from actual measured events and are used to validate the 65dBA CNEL noise footprint. Aircraft monthly CNEL average from both ANOMS NPD and ANEEM algorithms for each monitor site are provided, along with daily average aircraft counts with the average Sound Exposure Level (SEL) and average Maximum Level (LMax). Noise levels from other noise sources in the community calculated by ANOMS is also provided as Community CNEL.

## Significant Exceedances



The graph to the left shows aircraft noise events that produced a noise level higher than the maximum allowable decibel value established for a particular monitoring site.





# Operations

January 2023

Monthly Ops	AVG Daily Ops	12 Month AVG	YOY Growth
28,444	918	29,444	11%

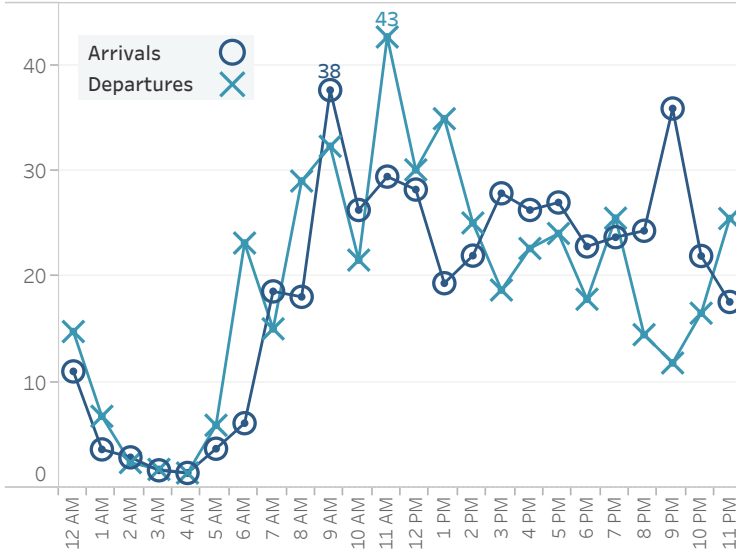
Major Arrival and Departure Routes (West Flow)



West Flow is depicted in the above image and is a predominate flow at SFO.

West Flow
73%

January 2023 Average Day (Hourly)

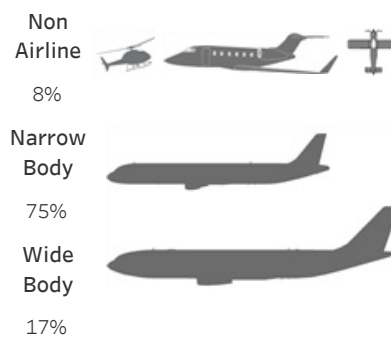
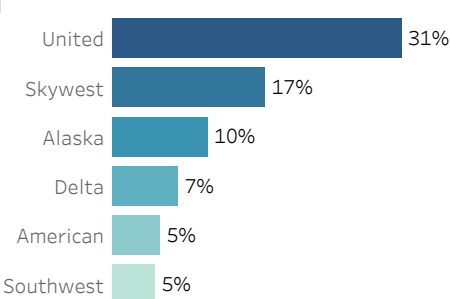


Top Destinations		
Los Angeles	JFK	Seattle
7%	4%	4%

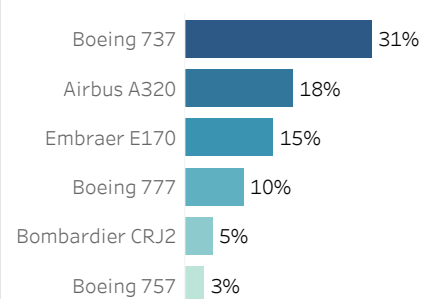
Down the Bay vs Peninsula	
1.1 Down the Bay Visual	33%
1.2 BDEGA Arrival	67%

Arrival Route	Percentage	Departure Route	Percentage
1. BDEGA	30%	A. GAP	28%
2. DYAMD	36%	B. SSTIK	29%
3. SERFR	27%	C. NIITE	9%
4. PIRAT	7%	D. TRUKN RWY 01	31%
		D. TRUKN RWY 28	4%

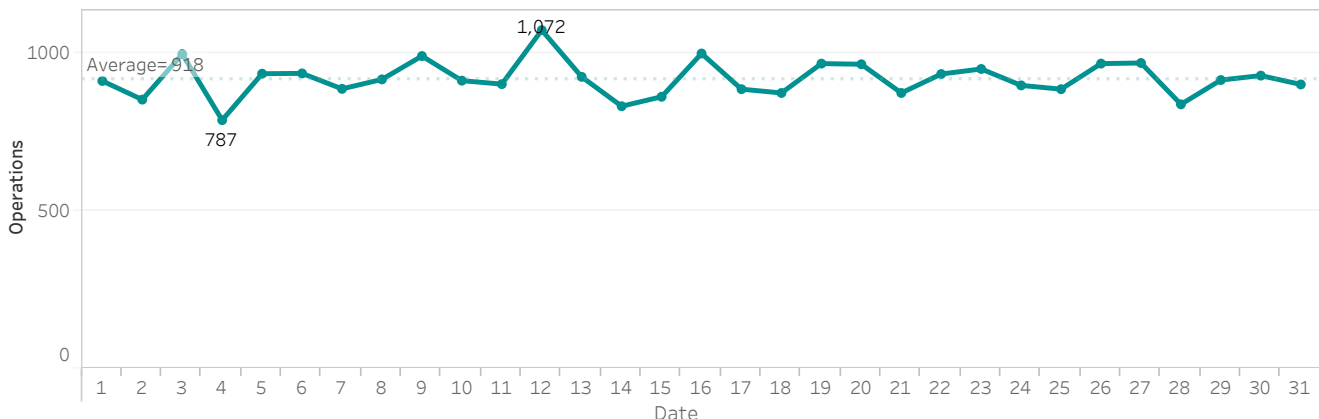
## Airlines with the Most Operations



## Most Utilized Aircraft Types



## Daily Aircraft Operations



# Runway Usage and Nighttime Operations

Leftmost Runway Utilization table shows percent of runway usage for arrivals and departures by runway based on air carrier operations using jet, regional jet, and turboprop aircraft. Late Night Preferential Runway Use table depicts departure runway usage between 1am - 6am for jet aircraft for the whole month (top) and during nighttime hours only (bottom). Percentages [%] are rounded to the nearest whole number.

## Runway Utilization

	Arrivals	Departures
01 L/R		51% 6,745
10 L/R	2% 269	25% 3,273
19 L/R	25% 3,218	2% 242
28 L/R	73% 9,637	22% 2,923

## Late Night Preferential Runway Use (1 am - 6 am)

	Departures
10 L/R	28% 119
01 L/R	32% 136
28 L/R	32% 136
19 L/R	8% 34

## Runway Utilization

	Arrivals	28L	28R
		35%	65%
Night (10pm-7am)			
		18%	82%

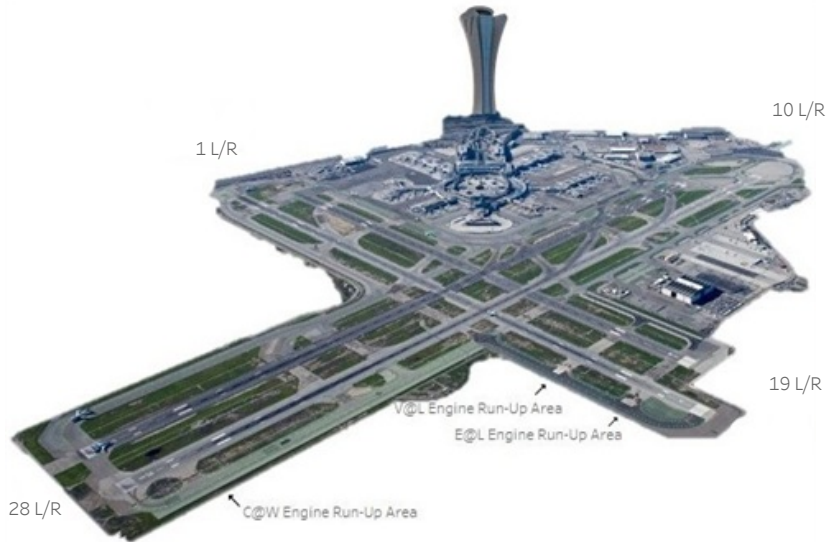
## Nighttime Power Run-Ups

10pm-7am

Alaska Airlines	1
American Airlines	1
United Airlines	8

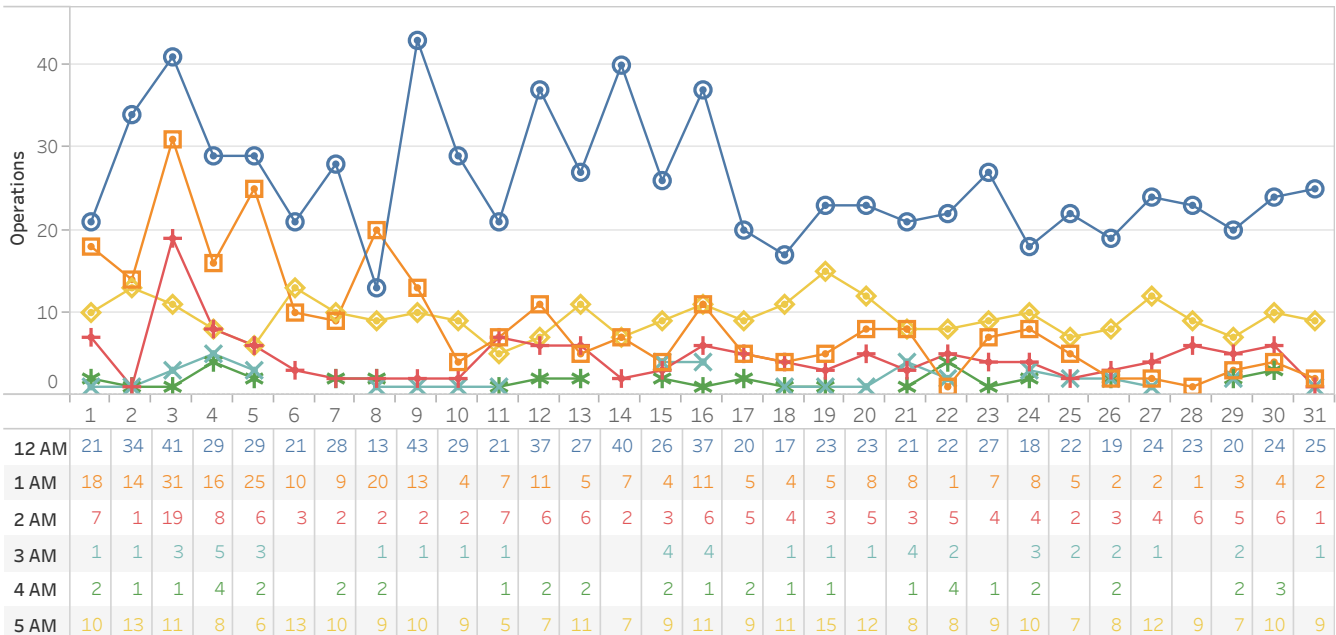
A power runup is a procedure used to test an aircraft engine after maintenance is completed. This is done to ensure safe operating standards prior to returning the aircraft to service. The Aircraft power settings range from idle to full power and may vary in duration.

Designated Power Runup locations are 19 L/R depicted on the airfield map (right) with airlines nighttime power runup counts shown above.



## Hourly Nighttime Operations

○ 12 AM    □ 1 AM    + 2 AM    × 3 AM    \* 4 AM    ◇ 5 AM



# Noise Reports

January 2023

Noise Reporters / Noise Reports

	Noise Reporters	Noise Reports
Atherton	4	33
Belmont	3	122
Brisbane	10	126
Burlingame	2	15
Daly City	13	1,646
East Palo Alto	1	17
El Granada	1	724
Foster City	11	79
Half Moon Bay	1	5
Hillsborough	1	91
Menlo Park	11	1,135
Millbrae	3	27
Montara	1	319
Pacifica	18	754
Portola Valley	20	17,043
Redwood City	5	901
San Bruno	7	1,039
San Carlos	2	56
San Francisco	17	1,805
San Mateo	5	196
South San Francisco	19	55
Woodside	5	967
Alameda	6	41
Aptos	1	6
Ben Lomond	2	3
Berkeley	1	699
Boulder Creek	2	3
Capitola	3	41
Carmel Valley	1	4
Castro Valley	1	22
Cupertino	1	1,302
Emerald Hills	5	424
Fairfax	1	2
Felton	3	26
Fremont	1	74
Lafayette	1	2
Los Altos	52	7,149
Los Altos Hills	9	745
Los Gatos	31	2,288
Moraga	4	269
Mountain View	15	2,977
Oakland	14	3,509
Orinda	2	29
Palo Alto	95	16,626
Richmond	3	251
Santa Cruz	40	5,282
Scotts Valley	20	2,075
Soquel	27	2,082
Stanford	3	595
Sunnyvale	5	1,001
Tiburon	1	1
Union City	1	206
Walnut Creek	1	1
Watsonville	1	59
<b>Grand Total</b>	<b>513</b>	<b>74,949</b>

Roundtable

Other

Reporters Annual AVG

565

Reports Annual AVG

102,263

New Reporters

21

New Reporters Top City

Daly City  
South San Francisco

Furthest Report

85 miles

Reports per SFO Operation

3

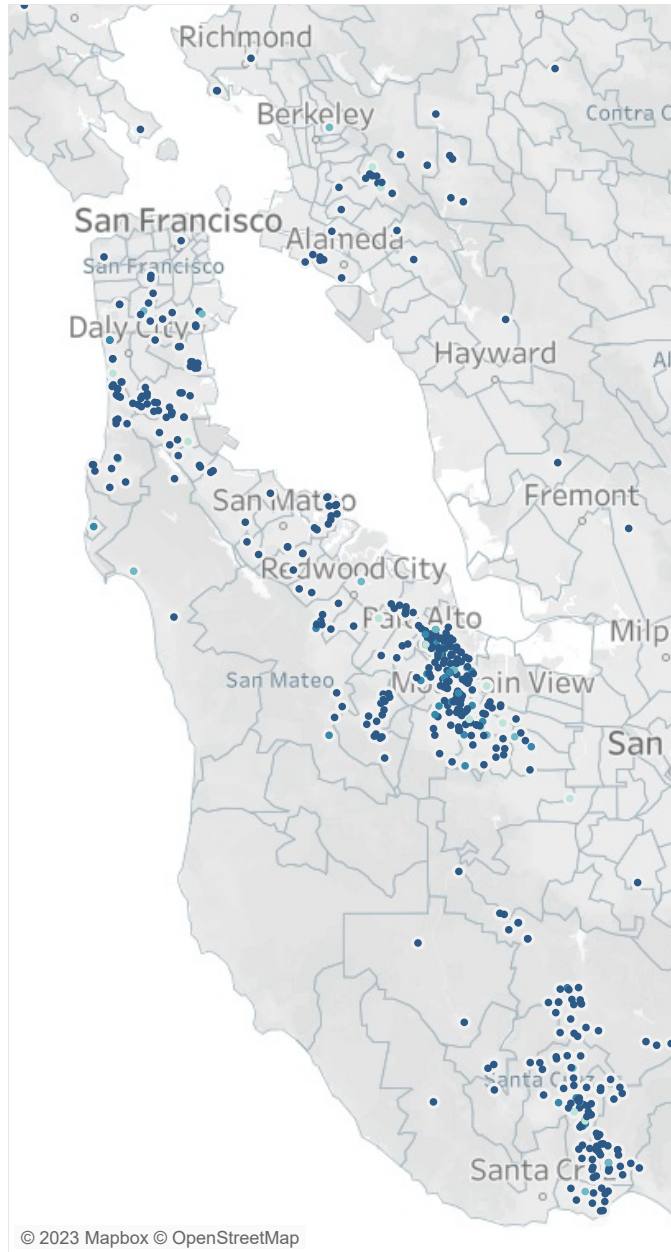
Top Aircraft Types

B737  
A320  
E75L

Top Flight Numbers

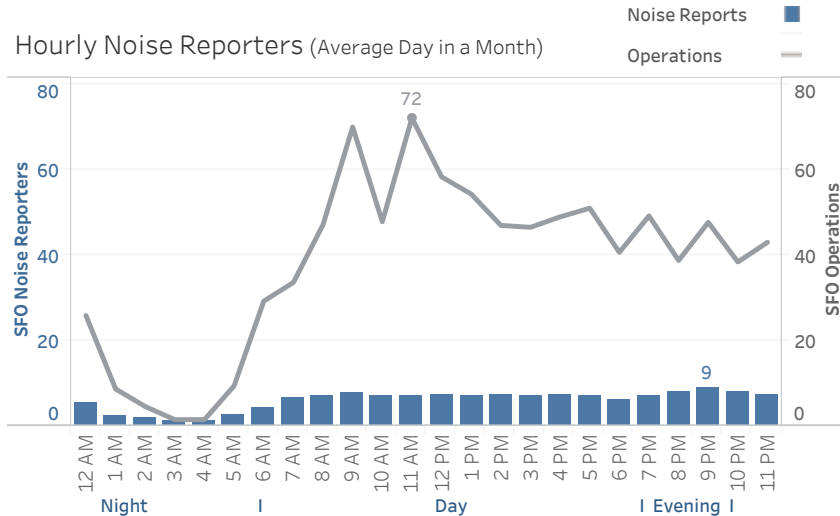
KAL214  
TAI560  
JBU536

## Noise Reporters Location Map



© 2023 Mapbox © OpenStreetMap

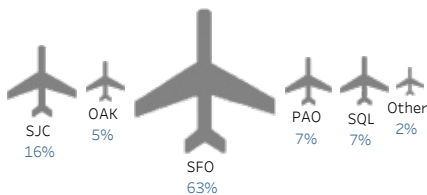
## Hourly Noise Reporters (Average Day in a Month)



Noise Reporters  
Operations

Notes: Address validation Relies on USPS-provided ZIP Code look up table and USPS-specified default city values.

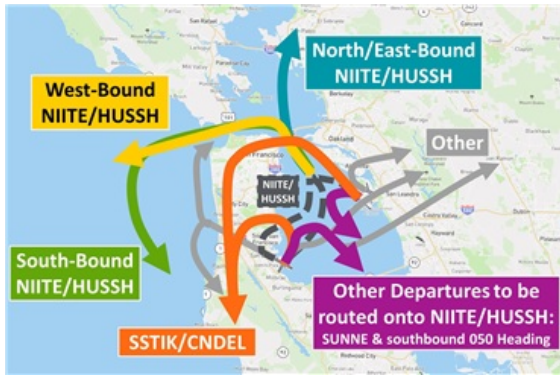
## Noise Reports by Airport



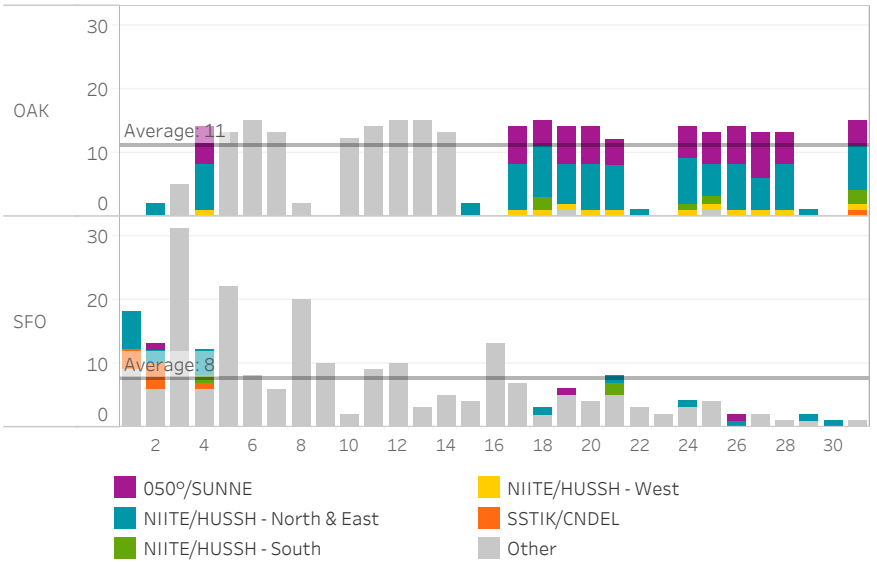
98% of noise reports correlate to a flight origin/destination airport.

Source: SFO Intl Airport Noise Monitoring System

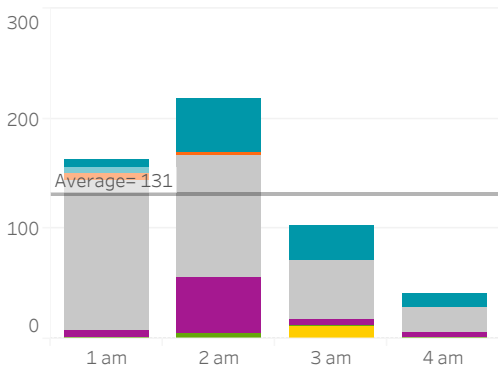
# NIITE to GOBBS 1 am to 5 am (January 2023)



Departures per Night



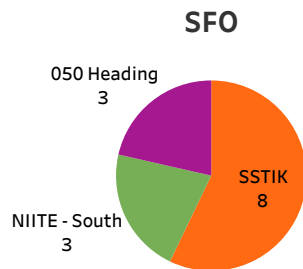
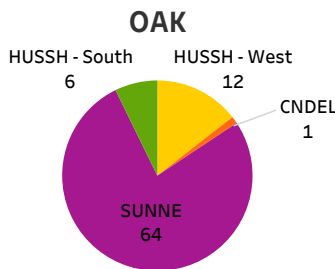
Average Total Departures per Hour



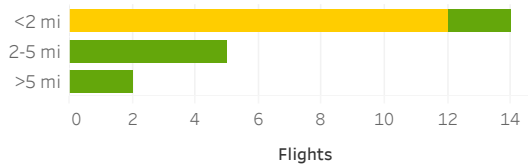
Departure Runway Usage

OAK		SFO							
12	30	01L	01R	10L	10R	19L	19R	28L	28R
41%	59%	3%	11%	27%	13%	2%	3%	24%	17%

CNDEL and SSTIK Departures vs HUSSH and NIITE

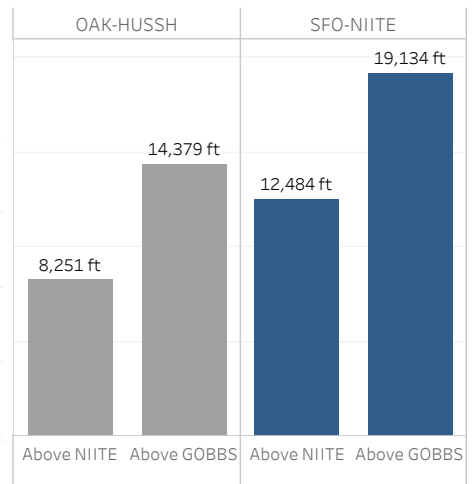
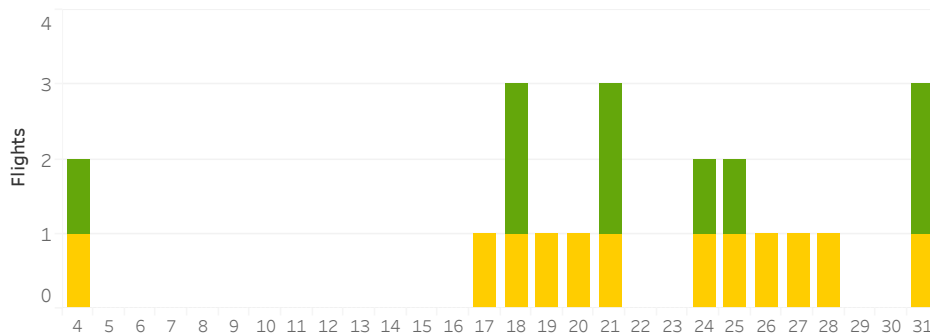


How Close are Aircraft Flying to GOBBS?



Average Altitude at NIITE and GOBBS

NIITE/HUSSH - South  
NIITE/HUSSH - West





# Airport Director's Report

Presented at the April 5, 2023  
Airport/Community Roundtable Meeting

Aircraft Noise Office  
February 2023



San Francisco  
International  
Airport

# Aircraft Noise Levels

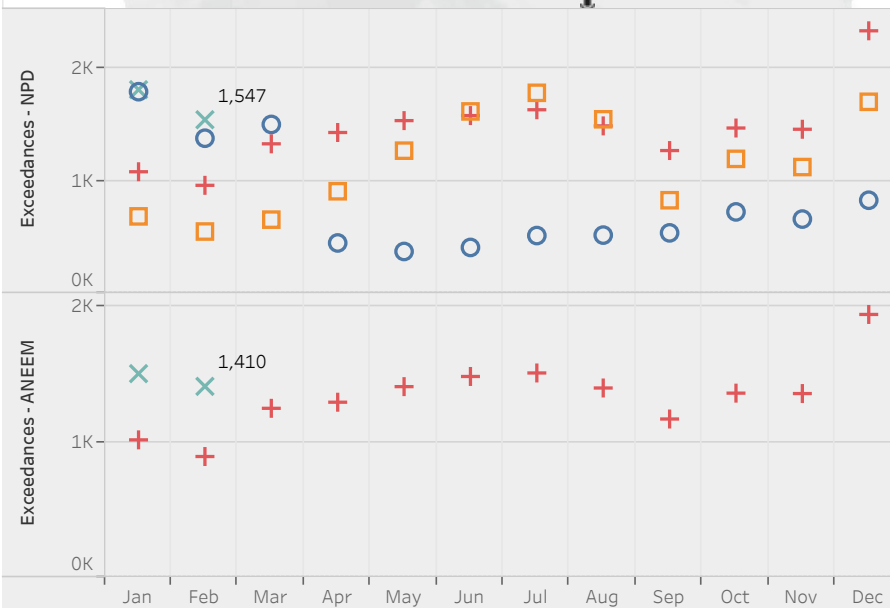
The map shows 29 aircraft noise monitoring locations that keep track of noise levels in the communities around the airport. The Community Noise Exposure Level (CNEL) metric is used to assess and regulate aircraft noise exposure in communities surrounding the airport.

Site	City	Noise Events (AVG Day)	ANOMS			ANEEM Aircraft				
			CNEL (dBA)	Aircraft SEL (dBA)	Community LMax (dBA)	CNEL (dBA)	Noise Events (AVG Day)	CNEL (dBA)	SEL (dBA)	LMax (dBA)
1	San Bruno	155	71	93	81	67	151	71	93	82
2	San Bruno	107	57	81	68	64	76	66	82	69
3	SSF	81	53	79	68	62	174	54	77	64
4	SSF	138	66	89	76	59	190	66	87	73
5	San Bruno	151	66	88	76	62	194	66	87	73
6	SSF	128	64	87	75	57	208	64	85	70
7	Brisbane	28	47	78	67	58	61	49	76	63
8	Millbrae	24	57	86	74	66	117	59	81	69
9	Millbrae	11	43	79	65	59	154	52	73	61
10	Burlingame	7	43	80	66	59	77	49	74	62
11	Burlingame	10	46	81	67	60	187	54	74	62
12	Foster City	319	62	82	71	59	387	62	81	69
13	Hillsborough	3	37	80	66	57	64	45	71	58
14	SSF	126	60	83	71	59	200	60	82	68
15	SSF	143	59	82	69	61	247	59	80	66
16	SSF	111	59	83	71	57	189	59	81	67
17	SSF	114	58	82	70	59	187	59	81	67
18	Daly City	113	63	86	75	60	162	63	85	71
19	Pacifica	101	60	84	73	58	103	60	84	72
20	Daly City	72	50	77	65	60	110	50	75	62
21	San Francisco	24	43	75	63	60	15	41	75	64
22	San Bruno	105	57	81	71	63	232	59	79	67
23	San Francisco	63	52	79	68	61	119	54	77	65
24	San Francisco	59	56	84	68	74	87	49	75	64
25	San Francisco	14	40	77	65	57	44	41	72	60
26	San Francisco	7	40	77	66	59	22	40	73	61
27	San Francisco	8	42	79	66	57	22	39	73	62
28	Redwood City	9	40	78	65	54	29	41	73	60
29	San Mateo	125	54	79	65	57	301	54	74	61

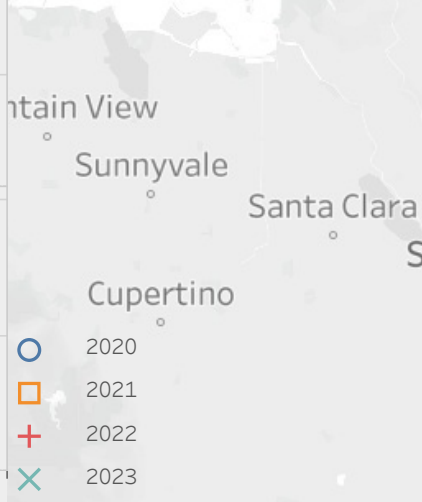


Noise Monitor's CNEL values (top) are derived from actual measured events and are used to validate the 65dBA CNEL noise footprint. Aircraft monthly CNEL average from both ANOMS NPD and ANEEM algorithms for each monitor site are provided, along with daily average aircraft counts with the average Sound Exposure Level (SEL) and average Maximum Level (LMax). Noise levels from other noise sources in the community calculated by ANOMS is also provided as Community CNEL.

## Significant Exceedances



The graph to the left shows aircraft noise events that produced a noise level higher than the maximum allowable decibel value established for a particular monitoring site.



# Operations

February 2023

Monthly Ops	AVG Daily Ops	12 Month AVG	YOY Growth
26,778	956	29,666	10%

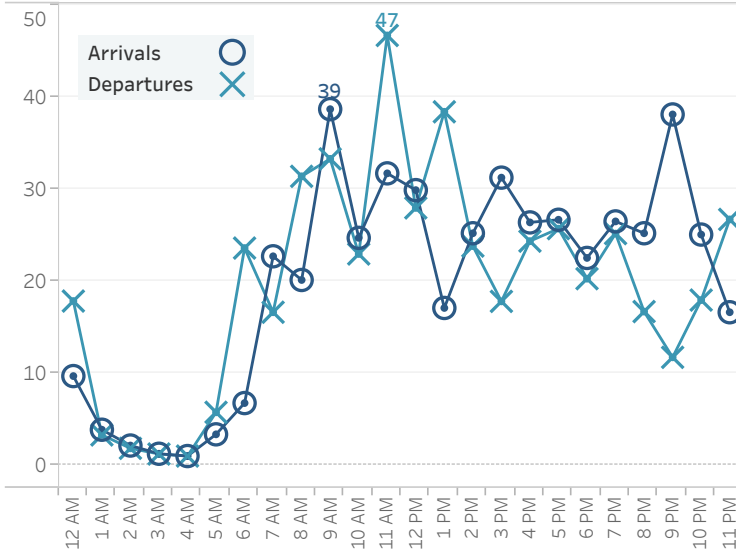
Major Arrival and Departure Routes (West Flow)



West Flow is depicted in the above image and is a predominate flow at SFO.

**West Flow**  
95%

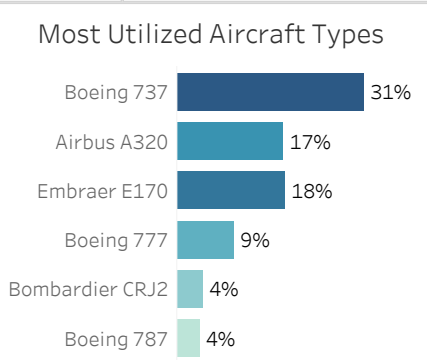
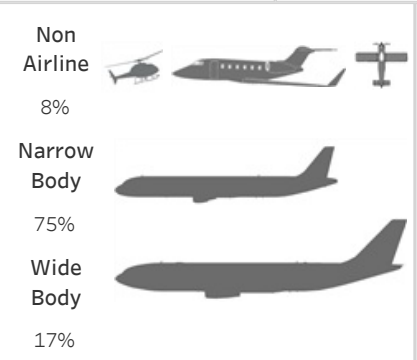
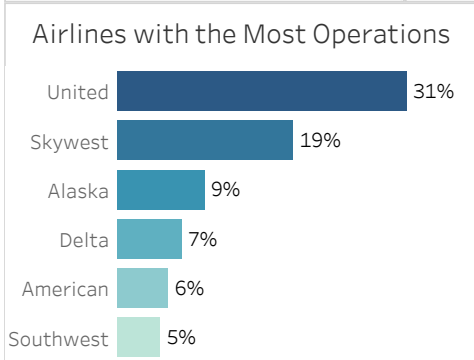
February 2023 Average Day (Hourly)



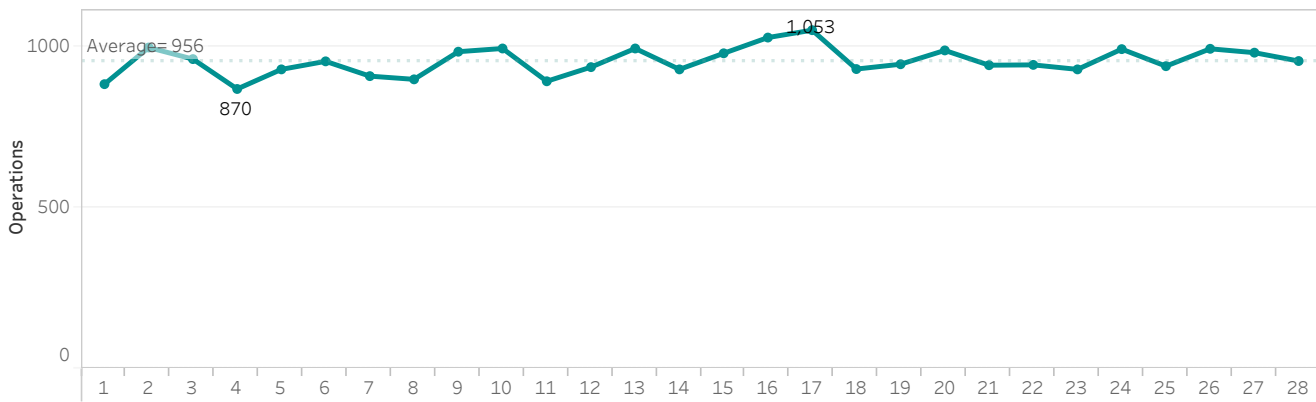
Top Destinations		
Los Angeles	JFK	Seattle
7%	4%	4%

Down the Bay vs Peninsula	
1.1 Down the Bay Visual	35%
1.2 BDEGA Arrival	65%

Arrival Route	Percentage	Departure Route	Percentage
1. BDEGA	31%	A. GAP	28%
2. DYAMD	35%	B. SSTIK	27%
3. SERFR	28%	C. NIITE	9%
4. PIRAT	6%	D. TRUKN RWY 01	29%
		D. TRUKN RWY 28	7%



Daily Aircraft Operations



# Runway Usage and Nighttime Operations

Leftmost Runway Utilization table shows percent of runway usage for arrivals and departures by runway based on air carrier operations using jet, regional jet, and turboprop aircraft. Late Night Preferential Runway Use table depicts departure runway usage between 1am - 6am for jet aircraft for the whole month (top) and during nighttime hours only (bottom). Percentages [%] are rounded to the nearest whole number.

## Runway Utilization

	Arrivals	Departures
01 L/R		63% 7,836
10 L/R		5% 587
19 L/R	5% 669	0% 45
28 L/R	95% 11,680	32% 3,900

## Late Night Preferential Runway Use (1 am - 6 am)

	Departures
10 L/R	14% 41
01 L/R	55% 159
28 L/R	31% 90

## Runway Utilization

	Arrivals	28L	28R
	37%	63%	
Night (10pm-7am)			
	26%	74%	

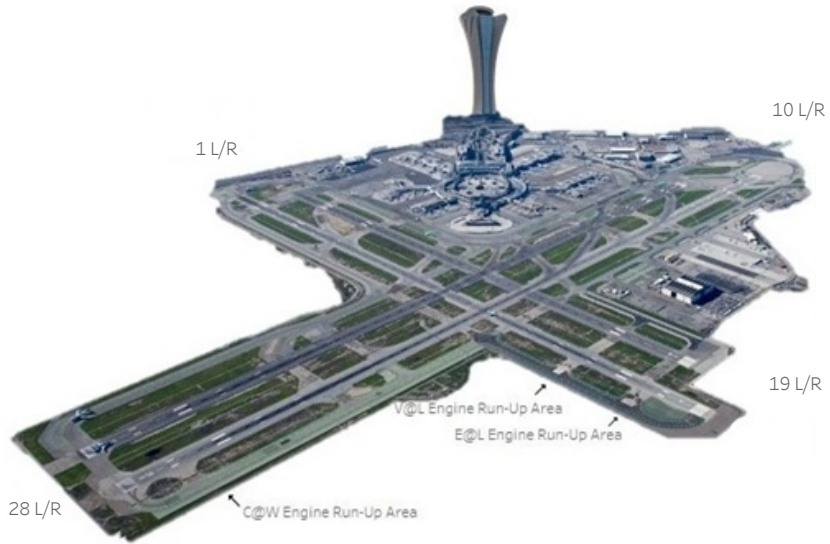
## Nighttime Power Run-Ups

10pm-7am

Alaska Airlines	2
American Airlines	4
United Airlines	8

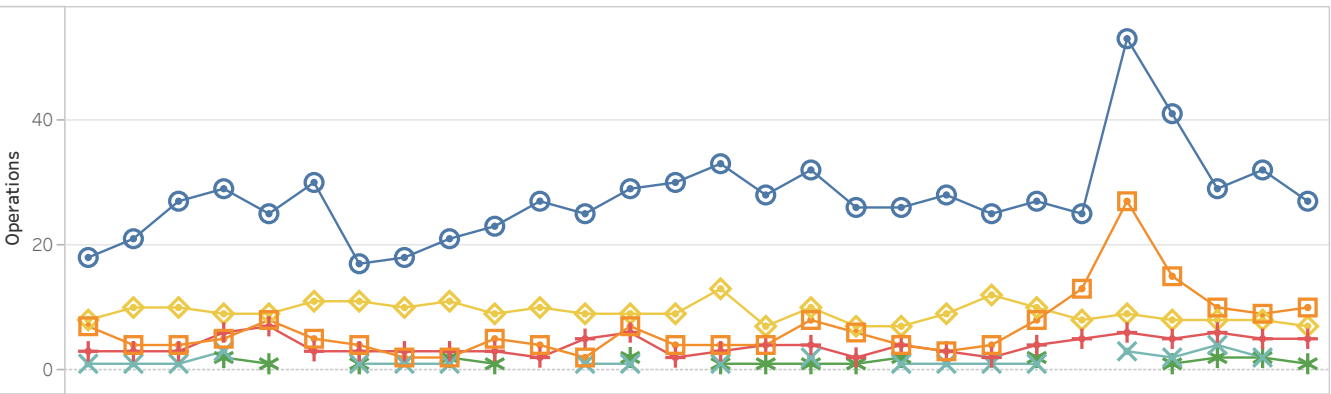
A power runup is a procedure used to test an aircraft engine after maintenance is completed. This is done to ensure safe operating standards prior to returning the aircraft to service. The Aircraft power settings range from idle to full power and may vary in duration.

Designated Power Runup locations are 19 L/R depicted on the airfield map (right) with airlines nighttime power runup counts shown above.



## Hourly Nighttime Operations

○ 12 AM    □ 1 AM    + 2 AM    × 3 AM    \* 4 AM    ◇ 5 AM



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
12 AM	18	21	27	29	25	30	17	18	21	23	27	25	29	30	33	28	32	26	26	28	25	27	25	53	41	29	32	27
1 AM	7	4	4	5	8	5	4	2	2	5	4	2	7	4	4	4	8	6	4	3	4	8	13	27	15	10	9	10
2 AM	3	3	3	6	7	3	3	3	3	3	2	5	6	2	3	4	4	2	4	3	2	4	5	6	5	6	5	5
3 AM	1	1	1	3			1	1	1		1	1		1		2		1	1	1	1		3	2	4	2		
4 AM				2	1		1		2	1			2		1	1	1	1	2			2			1	2	2	1
5 AM	8	10	10	9	9	11	11	10	11	9	10	9	9	9	13	7	10	7	7	9	12	10	8	9	8	8	8	7



# Noise Reports

February 2023

	Noise Reporters	Noise Reports
<b>Roundtable</b>		
Atherton	4	23
Belmont	2	136
Brisbane	7	230
Daly City	7	946
East Palo Alto	1	3
El Granada	1	838
Foster City	5	40
Half Moon Bay	1	2
Hillsborough	1	74
Menlo Park	9	1,255
Millbrae	4	12
Montara	1	152
Pacifica	17	872
Portola Valley	21	16,252
Redwood City	7	415
San Bruno	8	298
San Carlos	2	64
San Francisco	14	1,678
San Mateo	5	508
South San Francisco	3	122
Woodside	7	1,074
<b>Other</b>		
Alameda	1	3
Aptos	2	2
Ben Lomond	2	13
Berkeley	3	849
Boulder Creek	1	1
Capitola	2	105
Carmel Valley	1	4
Castro Valley	1	13
Cupertino	1	448
Emerald Hills	6	767
Felton	3	41
Fremont	2	194
Lafayette	1	1
Los Altos	48	7,533
Los Altos Hills	11	902
Los Gatos	30	2,973
Moraga	3	100
Mountain View	15	2,710
Oakland	12	2,912
Palo Alto	88	18,790
Richmond	3	241
Santa Cruz	42	8,345
Scotts Valley	23	2,767
Soquel	23	3,349
Stanford	3	545
Sunnyvale	2	954
Union City	1	821
Walnut Creek	1	1
Watsonville	1	48
<b>Grand Total</b>	<b>459</b>	<b>80,426</b>

Reporters Annual AVG

556

Reports Annual AVG

102,069

New Reporters

8

New Reporters Top City

Daly City

Furthest Report

85 miles

Reports per SFO Operation

3

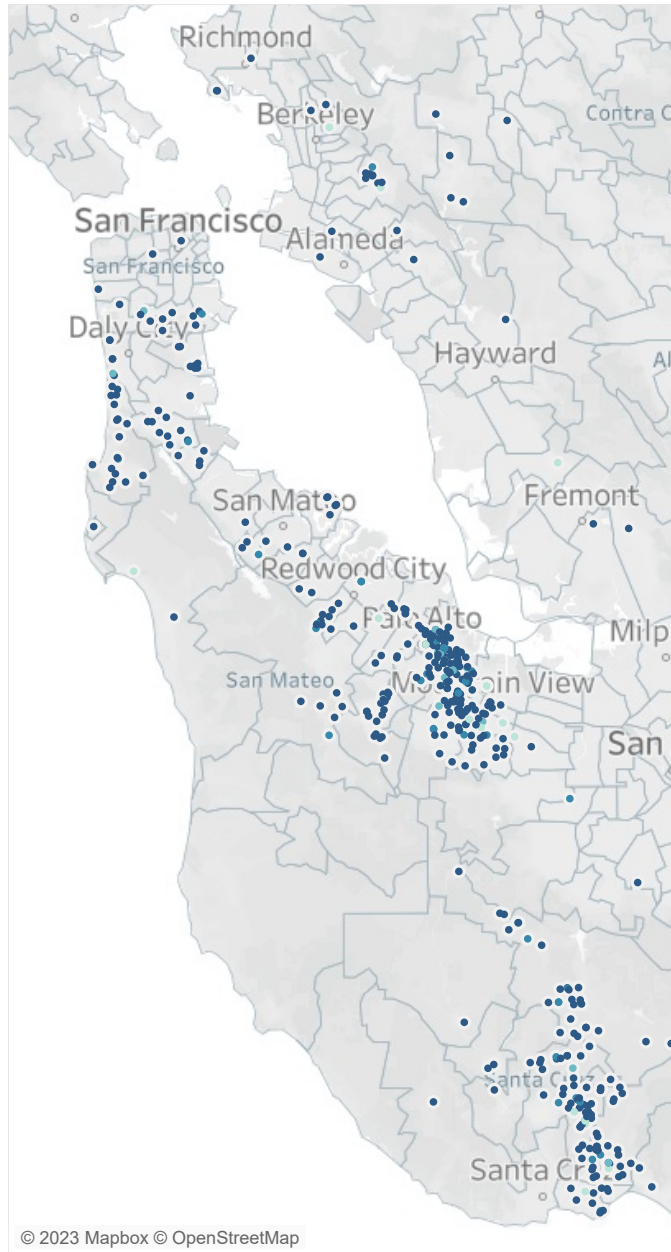
Top Aircraft Types

B737  
A320  
E75L

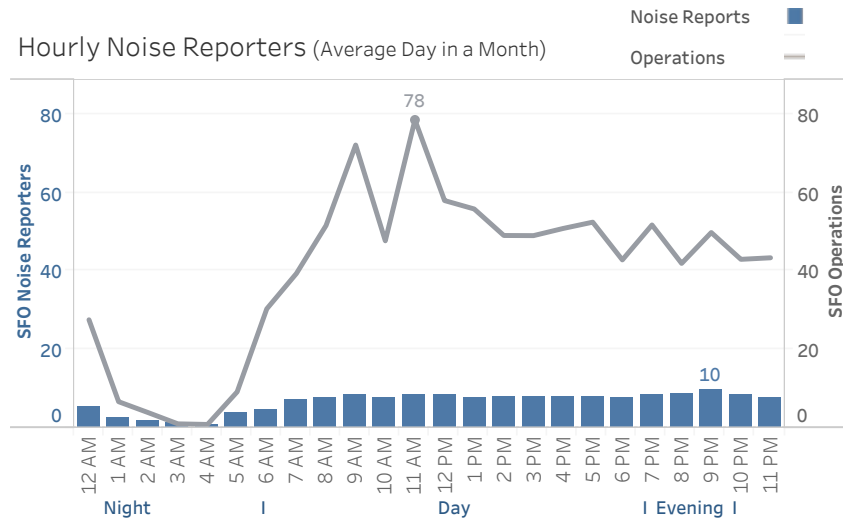
Top Flight Numbers

KAL214  
CMP382  
TAI560

## Noise Reporters Location Map

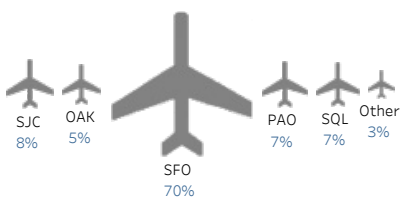


## Hourly Noise Reporters (Average Day in a Month)



Notes: Address validation Relies on USPS-provided ZIP Code look up table and USPS-specified default city values.

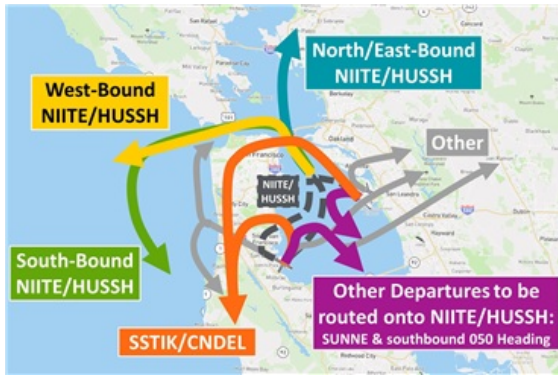
## Noise Reports by Airport



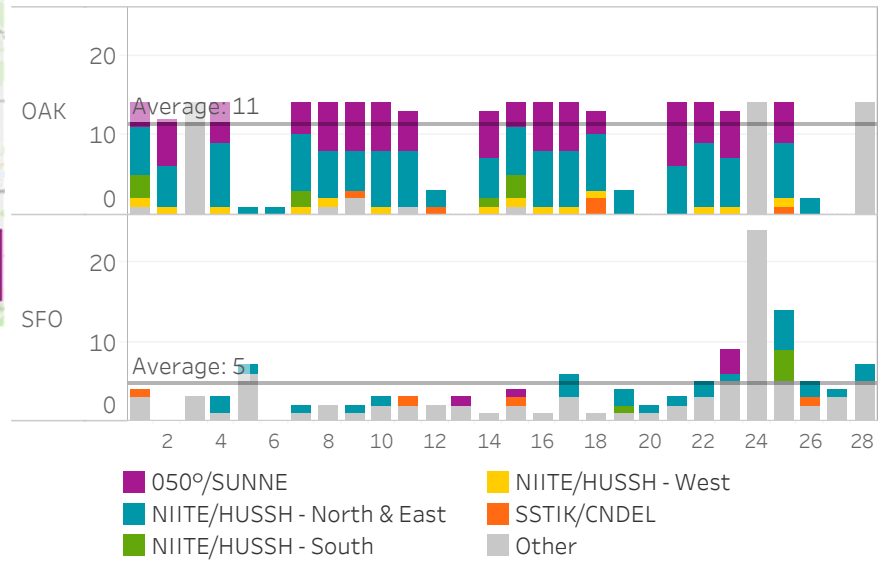
97% of noise reports correlate to a flight origin/destination airport.

Source: SFO Intl Airport Noise Monitoring System

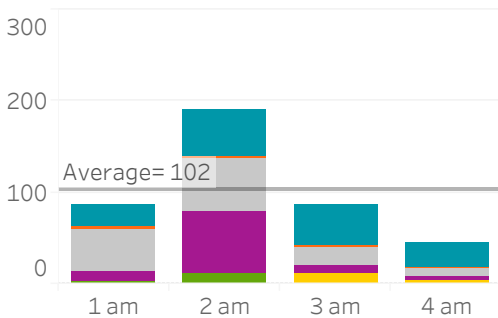
# NIITE to GOBBS 1 am to 5 am (February 2023)



Count of Departures per Night



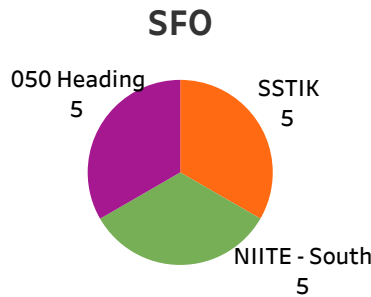
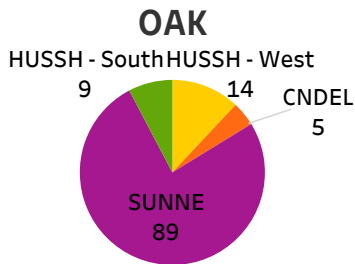
Average Total Departures per Hour



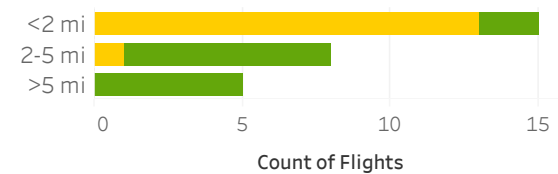
Departure Runway Usage

OAK			SFO					
12	28L	30	01L	01R	10L	10R	28L	28R
15%	0%	85%	7%	23%	13%	10%	26%	21%

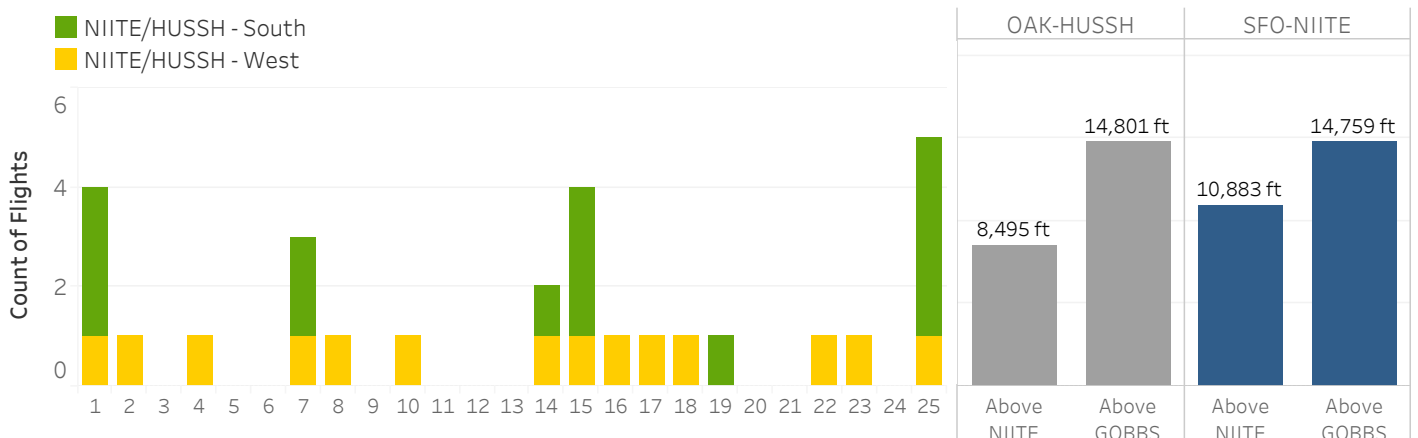
CNDEL and SSTIK Departures vs HUSSH and NIITE



How Close are Aircraft Flying to GOBBS?



Average Altitude at NIITE and GOBBS



**SFORT BUDGET vs. ACTUALS FOR FY22-23 Q3**

Ending 3/31/2023

A	SOURCES	2022-2023	
		BUDGET	ACTUAL
	<b>Revenue</b>		
	San Francisco Airport Commission	\$220,000	\$ 220,000
	Roundtable Membership	\$42,000	\$ 42,000
	<i>In Kind Contributions from Millbrae</i>		
		<b>\$262,000</b>	<b>\$ 262,000</b>

	BUDGET	ACTUAL
<b>Other Sources</b>		
Fund Balance	<b>\$292,887</b>	<b>\$ 422,218</b>

<b>SOURCES TOTAL</b>	<b>\$554,887</b>	<b>\$ 684,218</b>
----------------------	------------------	-------------------

B	EXPENSES	2022-2023	
		BUDGET	ACTUAL
	<b>Staffing &amp; Coordination</b>		
	County of San Mateo Coordination Services	\$148,031	\$ 103,451
	Roundtable Aviation Technical Consultant	\$90,000	\$ 35,792
		<b>\$238,031</b>	<b>\$ 139,243</b>

ADMINISTRATION / OPERATIONS	BUDGET	ACTUAL
Meeting Room * In-Kind Millbrae		
Postage / Printing	\$300	
Website	\$1,800	\$ 107
Data Storage & Conference Services	\$900	
Miscellaneous Office Expenses/Equipment	\$1,500	
Video Services	\$7,000	\$ 2,115
	<b>\$11,500</b>	<b>\$ 2,222</b>

PROJECTS, PROGRAMS, & OTHER	BUDGET	ACTUAL
Noise Conferences Attendance, Coordinator	\$1,500	
Noise Conferences Attendance, Members	\$3,000	
TRACON Field Trip(s)	\$750	
Airport Noise Report subscription	\$850	\$ 2,500
N.O.I.S.E. Membership	\$4,300	
Fly Quiet Awards	\$300	
Special Study		
	<b>\$10,700</b>	<b>\$ 2,500</b>

CONTINGENCY FUND	BUDGET	ACTUAL
Reserve	\$40,000	
	<b>\$40,000</b>	<b>\$ -</b>

<b>EXPENSES SUBTOTAL</b>	<b>\$300,231</b>	<b>\$ 143,965</b>
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UNCOMMITTED FUNDS / YEAR END BALANCE	PROJECTED	ACTUAL
	<b>\$254,656</b>	<b>\$ 540,254</b>



March 30, 2023

**TO:** SFO Roundtable Members  
**FROM:** Al Royse, Legislative Subcommittee Chairperson  
**SUBJECT:** Update from February 23, 2023 Legislative Subcommittee Meeting

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Since I will be out of the country for the April 5, 2023 Roundtable meeting, I wanted to provide this brief update memo.

The SFO Roundtable Legislative Subcommittee met on February 23, 2023. Subcommittee members present included Al Royse (Hillsborough), Chair, Pam DiGiovanni (Daly City), Ann Schneider (Millbrae), and new member Robin Pang-Maganaris (Belmont). Antonio Lopez (East Palo Alto) and Rob Newsom (San Mateo) were unable to attend due to other commitments.

I would note that also present were Susan Kennedy, Senior Policy Advisor for Congressman Kevin Mullin and Linda Wolin, Senior Legislative Aide to Supervisor Dave Pine.

The primary focus of the meeting included:

1. Discussion of the legislative platform for the subcommittee.
2. Discussion of areas of focus for this calendar year.
3. Discussion of the process and substance of a letter from the Roundtable to the FAA which would be drafted, circulated to subcommittee members, then presented to the Roundtable at the June 2023 meeting. If approved, this letter, regarding the FAA reauthorization, would be sent to the FAA and to Congress.

We also heard a presentation from Emily Tranter, Executive Director & National Coordinator for the **National Organization to Insure a Sound Controlled Environment (N.O.I.S.E.)** on the background and process of the FAA Reauthorization. In addition, Roundtable Coordinator Kathleen Wentworth presented a graphic showing the recently re-districted Congressional districts affecting the Roundtable area. See next page for the graphic.

With regard to the focus for 2023, we discussed the following topics:

1. Develop SFO Roundtable Legislative platform.
2. Communicate SFO Roundtable Legislative Platform to local Congressional Representatives and other appropriate parties.
3. Send SFO Roundtable letter to the FAA.
4. Expand SFO Roundtable advocacy to potential community partners such as health organizations, League of Cities, other Aviation Roundtables and others who may have a common interest in reducing or mitigating the health impacts to residents caused by nighttime airplane noise.

Possible Platform Topics discussed:

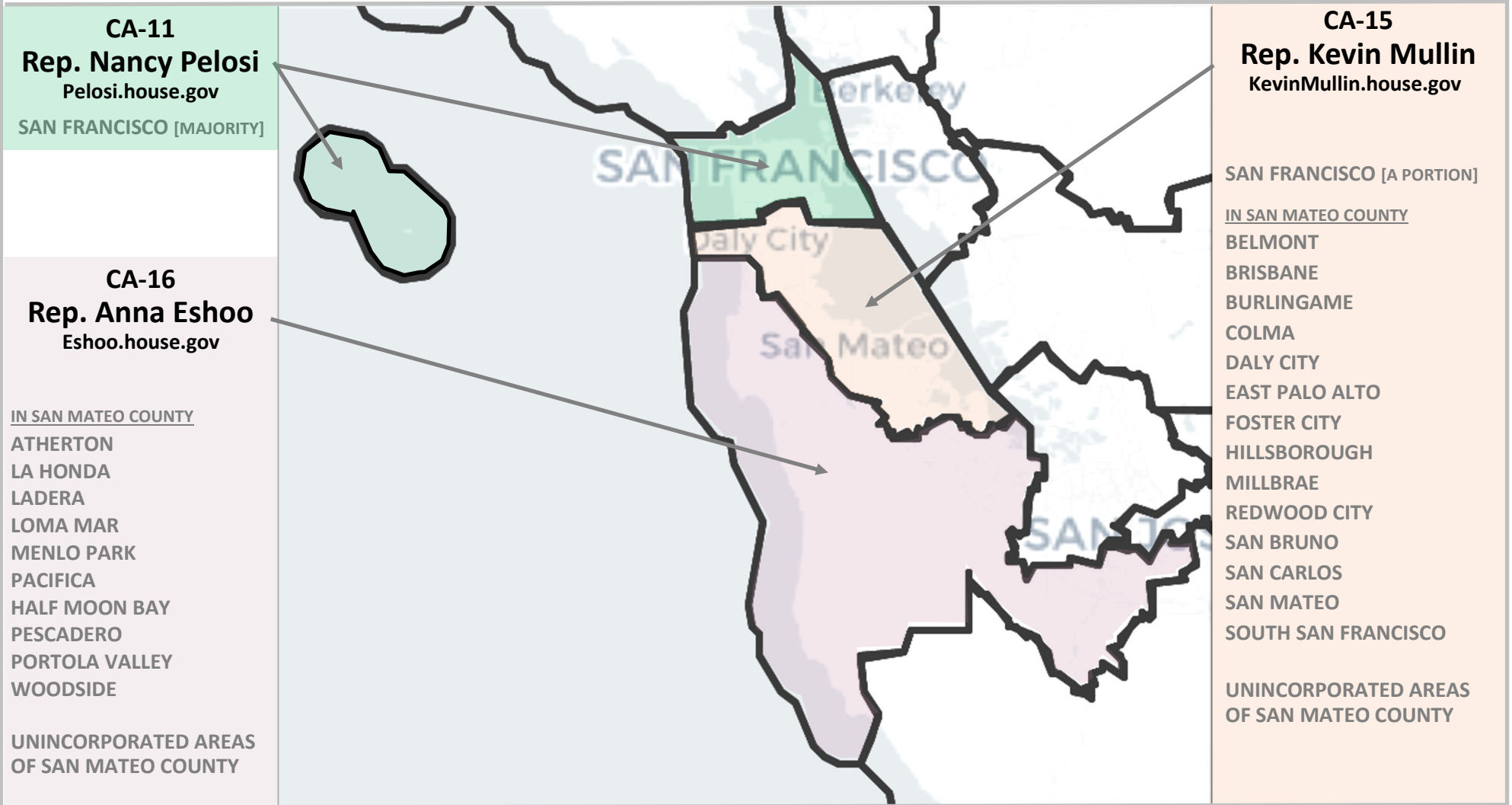
- a. Advocate for changes in flight procedures, non-safety vectoring, or other that would reduce or mitigate nighttime aircraft noise and its health impacts.
- b. Advocate to improve the recognition of ground-based noise and for changes to decrease and mitigate the effects of ground-based noise and its health impacts.
- c. Advocate for changes to allow increased access to insulation and other noise mitigation measures for residences and schools outside of the 65 DNL/CNEL levels to mitigate health impacts.
- d. Advocate for giving airports the flexibility to implement noise abatement procedures.
- e. Advocate to include protections to residents from the noise and health impacts due to evolving technology such as Supersonic Aircraft, Urban Air Mobility (UAM), Advanced Air Mobility (AAM) and similar operations.
- f. Advocate for changes to improve aircraft noise measurements and reporting.
- g. Review of previously introduced aviation noise reduction legislation by former Congresswoman Jackie Speier, including her bill to modify FAA airspace prioritization to place noise and other environmental concerns on a par with efficiency and below the preeminent criteria of safety. This review would be followed by advocacy of appropriate bills to current Members of Congress and others.
- h. Advocate for diversity, equity and inclusion in the establishment and implementation of aviation programs.

Attachments:

- a. Congressional Districts Map

# CONGRESSIONAL DISTRICTS

SERVING THE SFO ROUNDTABLE AREAS OF SAN FRANCISCO COUNTY AND SAN MATEO COUNTY



TO FIND **YOUR** CONGRESSMEMBER IN THE HOUSE OF REPRESENTATIVES: <http://www.house.gov/representatives/find-your-representative>



## MEMORANDUM

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**To:** SFO Community Roundtable Members and Interested Parties

**From:** Jason R. Stoddard, Senior Airspace Analyst  
Eugene M. Reindel, Vice President

**Date:** February 9, 2023

**Subject:** Federal Aviation Administration (FAA) Instrument Flight Procedures (IFP)  
Information Gateway Review

**Reference:** HMMH Project Number 312310

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At the request of the Roundtable, Harris Miller Miller & Hanson Inc. (HMMH) is monitoring and reviewing updates to procedures published onto the FAA's IFP Information Gateway in the regions of San Francisco International Airport (SFO), Metropolitan Oakland International Airport (OAK), and Norman Y. Mineta San Jose International Airport (SJC).

After analyzing the documents posted, HMMH determines proposed changes and the reason for the changes. There were no updates concerning SFO, OAK, or SJC on the FAA IFP Information Gateway for the January 26, 2023 publication. There are currently no open comment periods. The next publication is expected on February 23, 2023.

### Important Terms and Items:

- FAA Stage Definitions
  1. FPT: Procedures are coordinated with Air Traffic, Tech Ops and Airports for feasibility, preparation, and priority (FPO)
  2. DEV: Development of the procedures
  3. FC: FAA Flight Inspection of the developed procedures
  4. PIT: Production Integration Team (TS)
  5. CHARTING: Procedures at Arnav Products Charting for publication (NACO)
- FAA Status Definitions
  1. At Flight Check: At Flight Inspection for procedure validation
  2. Awaiting Publication: At Arnav Products Charting for publication
  3. Complete: Procedure development action finished
  4. On Hold: Procedure waiting data/information to allow it to proceed/continue to next stage
  5. Pending: Procedure development work on-going
  6. Published: Procedure charted and published
  7. Under Development: Procedure is being worked on by the FAA
  8. Terminated: Procedure/project terminated
- Glossary
  - RNAV: Area Navigation
  - IAP: Instrument Approach procedure
  - STAR: Standard Terminal Arrival Route
  - SID: Standard Instrument Departure
  - GPS: Global Positioning System
  - ILS: Instrument Landing System
  - LOC: Localizer

**Updates:**

- None

**Open Comment Periods:**

- None

**Next Publication:**

We expect the following updates in the February 23, 2023 publication:

- SJC
  - RNAV (GPS) Y RWY 30L, AMDT 4A
    - Currently Awaiting Publication
    - Publication Date of February 23, 2023
  - RNAV (GPS) Y RWY 30R, AMDT 4B
    - Currently Awaiting Publication
    - Publication Date of February 23, 2023





## MEMORANDUM

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**To:** SFO Community Roundtable Members and Interested Parties

**From:** Jason R. Stoddard, Senior Airspace Analyst  
Eugene M. Reindel, Vice President

**Date:** March 6, 2023

**Subject:** Federal Aviation Administration (FAA) Instrument Flight Procedures (IFP)  
Information Gateway Review

**Reference:** HMMH Project Number 312310

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At the request of the Roundtable, Harris Miller Miller & Hanson Inc. (HMMH) is monitoring and reviewing updates to procedures published onto the FAA's IFP Information Gateway in the regions of San Francisco International Airport (SFO), Metropolitan Oakland International Airport (OAK), and Norman Y. Mineta San Jose International Airport (SJC).

After analyzing the documents posted, HMMH determines proposed changes and the reason for the changes. The FAA IFP Information Gateway published six updates for SFO and two updates at SJC. There are currently no open comment periods. The next publication is expected on March 23, 2023.

### Important Terms and Items:

- FAA Stage Definitions
  1. FPT: Procedures are coordinated with Air Traffic, Tech Ops and Airports for feasibility, preparation, and priority (FPO)
  2. DEV: Development of the procedures
  3. FC: FAA Flight Inspection of the developed procedures
  4. PIT: Production Integration Team (TS)
  5. CHARTING: Procedures at Arnav Products Charting for publication (NACO)
- FAA Status Definitions
  1. At Flight Check: At Flight Inspection for procedure validation
  2. Awaiting Publication: At Arnav Products Charting for publication
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  8. Terminated: Procedure/project terminated
- Glossary
  - RNAV: Area Navigation
  - IAP: Instrument Approach procedure
  - STAR: Standard Terminal Arrival Route
  - SID: Standard Instrument Departure
  - GPS: Global Positioning System
  - ILS: Instrument Landing System
  - LOC: Localizer

**Updates:**

- SFO GLS RWY 19R AMDT 1
  - Status changed to Under Development
  - Scheduled Publication Date of June 15, 2023
  
- SFO GLS RWY 19L AMDT 1
  - Status changed to Under Development
  - Scheduled Publication Date of June 15, 2023
  
- SFO ILS OR LOC RWY 19L AMDT 23
  - Status changed to Under Development
  - Scheduled Publication Date of June 15, 2023
  
- SFO RNAV (GPS) RWY 19L AMDT 4
  - Status changed to Under Development
  - Scheduled Publication Date of June 15, 2023
  
- SFO RNAV (GPS) Y RWY 19R AMDT 4
  - Status changed to Under Development
  - Scheduled Publication Date of June 15, 2023
  
- SFO RNAV (GPS) Z RWY 19R ORIG
  - Status changed to Under Development
  - Scheduled Publication Date of June 15, 2023
  
- SJC RNAV (GPS) Y RWY 30L AMDT 4A
  - Status changed to Published
  - Actual Publication Date of February 23, 2023
  
- SJC RNAV (GPS) Y RWY 30R AMDT 4B
  - Status changed to Published
  - Actual Publication Date of February 23, 2023

**Open Comment Periods:**

- None

**Next Publication:**

We do not expect any updates in the March 23, 2023 publication.