



AGENDA

SANTA CLARA/SANTA CRUZ COUNTIES AIRPORT/COMMUNITY ROUNDTABLE

Fourth Regular Meeting of the Roundtable

**May 22, 2019
1:00 – 3:00 PM**

CITY OF SANTA CLARA, COUNCIL CHAMBERS
1500 Warburton Ave, Santa Clara, CA 95050
Tel. (408) 615-2200 Fax 241-6771 TDD (800) 735-2922

1:00 PM	1. Welcome/Review of the Meeting Format – <i>Steve Alverson, Roundtable Facilitator</i>	Information
1:05 PM	2. Call to Order and Identification of Members Present – <i>Chairperson Bernald</i>	Information
1:10 PM	3. Presentation on the South Flow Ad Hoc Committee Process – <i>Glenn Hendricks</i>	Information
1:30 PM	4. Presentation on the Select Committee on South Bay Arrivals Process – <i>Kris Zanardi, County of Santa Clara</i>	Information
1:50 PM	5. Update on the FAA's Review of the Select Committee on South Bay Arrivals Recommendations including FAA Responses to Questions on the PIRAT TWO STAR Procedure – <i>Federal Aviation Administration</i>	Information
2:20 PM	6. FAA Response to Questions on the LOUPE FIVE Procedure – <i>Federal Aviation Administration</i>	Information /Action
2:40 PM	7. Comments from the Public - <i>Speakers are limited to a maximum of two minutes or less depending on the number of speakers. Roundtable members cannot discuss or take action on any matter raised under this agenda item.</i>	Information
2:50 PM	8. Member Discussion - Introduction to the Strategic Plan - Other items from members	Information
2:55 PM	9. Review of Roundtable Action Items – <i>Steve Alverson, Roundtable Facilitator</i>	Information
3:00 PM	10. Adjournment – <i>Chairperson Bernald</i>	Information

In compliance with the Americans with Disabilities Act and the Brown Act, those requiring accommodation for this meeting should notify the City's ADA Office 24 hours prior to the meeting at (408) 615-3000, TDD (800) 735-2922.

Materials to be provided at the meeting:

- Copies of the agenda packet

In compliance with the Americans with Disabilities Act and the Brown Act, those requiring accommodation for this meeting should notify the City's ADA Office 24 hours prior to the meeting at (408) 615-3000, TDD (800) 735-2922.

S. JOSEPH SIMITIAN

SANTA CLARA COUNTY SUPERVISOR, DISTRICT FIVE

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November 17, 2016

The Honorable Anna Eshoo
Congresswoman, 18th District
698 Emerson Street
Palo Alto, CA 94301

The Honorable Sam Farr
Congressman, 20th District
701 Ocean Street, Room 318C
Santa Cruz, CA 95060

The Honorable Jackie Speier
Congresswoman, 14th District
155 Bovet Road, Suite 780
San Mateo, CA 94402

Dear Honorable Members of Congress:

With this letter I convey to you the final Recommendations of your Select Committee on South Bay Arrivals.

These Recommendations reflect the work of the 12 Member Committee and their 12 Alternates (see Attachment A), empaneled by you, over the course of almost two dozen meetings during the past six months (see Attachment B).

While your original charge to the Committee was essentially limited to the six sets of “feasible” actions identified as part of the Federal Aviation Administration’s Northern California Initiative, the Committee also considered other potential solutions suggested during the course our hearings, and offered Recommendations where appropriate (see Section 2).

The Committee also identified a number of “longer-term issues” for deliberation and potential action in the future (see Section 3); as well as a number of “process issues” that the Committee thought worth highlighting (see Section 4).

While this report runs almost 30 pages in length, our Recommendations might succinctly be summarized as:

- Fly at higher altitudes;
- Fly over locations with fewer people;
- Avoid noisy flight maneuvers; and,
- Implement noise reducing retrofits where possible.

While the Committee has not made any effort to “rank order” or prioritize Recommendations, there are two I feel it appropriate to highlight for your consideration.

First, the very challenging and high profile issue of whether or not to abandon the SERFR flight procedure/path in favor of a flight procedure/path along the ground track formerly used for the BSR flight procedure/path (see Item 1.2).

The Committee did in fact recommend such a change on an 8-4 vote as a near-term remedial action (consistent with other criteria set forth in Recommendation 2 of Item 1.2). It is important, however, to note that the Committee has also recommended (on a 12-0 vote) the identification and development of a better procedure and path for the long-term (as noted in Recommendation 4 of Item 1.2).

The Committee earnestly hopes that the need for this longer-term effort will not be overlooked in the understandable desire to provide near-term relief.

Second, the Committee also took note of the fact that the creation of an ongoing body to assess and address airport noise issues in the three county area is in many respects essential to the successful implementation of the Recommendations contained in this Report; and to addressing issues likely to arise in the future.

Finally, this letter would be incomplete if it did not express thanks to the many who made this effort possible and productive. That, of course, includes you, the three Members of Congress who empaneled the Select Committee, and your staffs, who lent considerable support throughout the effort.

Thanks as well to the 12 Members of the Select Committee and their 12 Alternates. It should be noted that in virtually every meeting of the Select Committee all 12 seats were filled; most often by the 12 Members of the Committee, but with exemplary service from their Alternates as needed.

At least two thirds of the Alternates participated in the process in some significant way, allowing the Committee to be fully functioning throughout its six month tenure, and providing additional and valuable expertise and perspective to the process.

Technical support was provided by the Federal Aviation Administration, whose staff was on hand at each and every one of our three community meetings, 10 working meetings, and five technical briefings to both listen and respond to questions.

As you well know, the process began with considerable public skepticism about the ability and willingness of the FAA to engage in a meaningful way. I must tell you that the staff of the FAA was exemplary in its persistence, patience, and professionalism throughout the process.

Special thanks to the City of Palo Alto for hosting the Committee's 10 Working Meetings, and for the considerable multimedia support that entailed as well.

But perhaps most importantly, thanks go to the members of the public who first raised these issues, who organized to make themselves heard, who testified in great numbers (approximately 250 in our first three Community Meetings, and approximately 130 at the subsequent Working Meeting of the Committee set-aside for public comment), and whose written comments – in the form of comment cards, letters, and emails – exceed more than 3,500 to date.

These various public communications were essential to informing the understanding of the Committee as we crafted the Recommendations we now present to you.

Having conveyed these Recommendations to you, we now ask that you continue your engagement with the FAA to ensure their timely implementation to the fullest extent practicable.

The Committee believes these Recommendations have the potential to provide real relief. We hope that relief arrives sooner rather than later.

Sincerely,



S. Joseph Simitian
County Supervisor, Fifth District

Chair, Select Committee on South Bay Arrivals

memorandum

date May 22, 2019

to Roundtable Members and Interested Parties

cc

from Steve Alverson, Santa Cruz/Santa Clara Roundtable Facilitator

subject Review of the Federal Aviation Administration (FAA) Instrument Flight Procedures (IFP) Information Gateway

The FAA's Instrument Flight Procedures Information Gateway ("IFP Gateway") is a website used by the FAA to distribute aircraft instrument flight procedure details ("charts") to the general public.¹ The FAA also uses the IFP Gateway to share its IFP Production Plan, which includes details on IFPs under development or amendment along with development status and tentative publication dates. Environmental Science Associates (ESA) monitors the IFP Gateway for proposed changes to IFPs associated with Norman Y. Mineta San Jose International Airport (SJC), San Francisco International Airport (SFO), and Oakland International Airport (OAK). Changes to IFPs associated with these airports may affect communities in Santa Clara and Santa Cruz counties.

The FAA publishes IFPs according to a specific publication cycle. The next publication date is June 20, 2019. The following information provides details on the IFP development process and IFPs under development or amendment:

Stages of IFP Development

Development of IFPs typically follows five stages, described below. Depending on the nature of the IFP development or amendment, not all of these stages may occur.

1. **FPT (Flight Procedures Team):** This team reviews potential IFPs for feasibility and coordinates IFP development with relevant FAA lines of business and staff offices.
2. **DEV:** Procedure development.
3. **FC (Flight Check):** The FAA performs a flight inspection of the procedure.
4. **PIT (Production Integration Team):** This team prepares procedure details to support publication.

¹ https://www.faa.gov/air_traffic/flight_info/aeronav/procedures/

5. **CHARTING:** Procedures are made available to the public, typically in graphical, text, and electronic formats.

IFP Development Status Indicators

The following terms are employed by the FAA to identify the status of the IFP during the development process.

At Flight Check:	The procedure is with FAA staff responsible for flight inspection.
Awaiting Publication:	The procedure has been developed and is awaiting an upcoming publication date.
Awaiting Cancellation:	The procedure will be removed from FAA flight procedure databases on an upcoming publication date.
Complete:	Procedure development has finished.
On Hold:	Procedure development has been paused while awaiting further information.
Pending:	Detailed development of the procedure will begin in the future.
Published:	The procedure has been made publicly-available.
Terminated:	Development has terminated for the procedure.
Under Development:	The procedure is being developed by the FAA.

Key Terms

The following acronyms are employed by the FAA to describe the IFP, including some of the navigational equipment necessary to accommodate the IFP.

AMDT:	Amendment
CAT:	Category
DME:	Distance Measuring Equipment
DP:	Departure Procedure
GPS:	Global Positioning System
GLS:	Ground-Based Augmentation System (GBAS) Landing System
IAP:	Instrument Approach Procedure
ILS:	Instrument Landing System
LOC:	Localizer
LDA:	Localizer Type Directional Aid
RNAV:	Area Navigation
RNP:	Required Navigation Performance
RWY:	Runway
SA:	Special Authorization
SID:	Standard Instrument Departure
STAR:	Standard Terminal Arrival Route
TBD:	To Be Determined

IFP Status

The following tables provide status updates on IFP production for procedures serving OAK, SFO, and SJC. Information highlighted in turquoise has been updated since the April 24, 2019 IFP Gateway Review.

Norman Y. Mineta San Jose International Airport				
IFP in Production Plan	Type of IFP	Status	Scheduled Publication Date	Additional Notes (If Applicable)
SAN JOSE THREE	SID	Awaiting Publication	8/15/2019	Of medium importance to the Roundtable, as the proposed modifications add a heading to the chart but may not change the locations of overflights.
SUNOL ONE	SID	Awaiting Publication	8/15/2019	This is a modification to the SUNOL NINE procedure. Of high importance to the Roundtable, as the proposed modifications may change the locations of overflights.
ROBIE FIVE	STAR	Awaiting Publication	8/15/2019	Of low importance to the Roundtable, as the proposed modifications are unlikely to change the locations of overflights.
ILS OR LOC RWY 30L, AMDT 26	IAP	Pending	7/16/2020	No further information available at this time.
RNAV (RNP) Z RWY 30L, AMDT 3	IAP	Pending	7/16/2020	No further information available at this time.
RNAV (RNP) Z RWY 30R, AMDT 2	IAP	Pending	7/16/2020	No further information available at this time.
LOUPE FIVE	SID	Published	4/25/2019	Of high importance to the Roundtable, due to proposed modifications that may change the locations of overflights.

San Francisco International Airport				
IFP in Production Plan	Type of IFP	Status	Scheduled/Actual Publication Date	Additional Notes (If Applicable)
SERFR FOUR	RNAV STAR	Pending	12/5/2019	Of high importance to the Roundtable, due to proposed modifications that may change the locations of overflights.
MODESTO NINE	STAR	Awaiting Publication	8/15/2019	Of low importance to the Roundtable, as the proposed modifications are unlikely to change the locations of overflights within the vicinities of Santa Clara and Santa Cruz counties.
IRS OR LOC RWY 19L, AMDT 22A	IAP	Awaiting Publication	6/20/2019	No further information available at this time.

San Francisco International Airport				
IFP in Production Plan	Type of IFP	Status	Scheduled/Actual Publication Date	Additional Notes (If Applicable)
AFIVA ONE	SID	Awaiting Cancellation	6/20/2019	No further information available at this time.
GOLDEN GATE SEVEN	STAR	Awaiting Cancellation	6/20/2019	No further information available at this time.
OFFSHORE TWO	SID	Published	4/25/2019	Of low importance to the Roundtable, as the proposed modifications are unlikely to change the locations of overflights.
PIRAT TWO	STAR	Published	4/25/2019	Of medium importance to the Roundtable, as the proposed modifications may change aircraft altitudes.
GLS OVERLAY LDA/DME RWY 28R, AMDT 2B	GLS IAP	Pending	3/26/2020	No further information available at this time.
GLS OVERLAY RNAV (GPS) RWY 19L, AMDT 3	GLS IAP	Pending	3/26/2020	No further information available at this time.
GLS OVERLAY RNAV (GPS) RWY 19R, AMDT 2	GLS IAP	Pending	3/26/2020	No further information available at this time.
GLS OVERLAY RNAV (GPS) RWY 28L, AMDT 6	GLS IAP	Pending	3/26/2020	No further information available at this time.
GLS OVERLAY RNAV (GPS) Z RWY 28R, AMDT 6	GLS IAP	Pending	3/26/2020	No further information available at this time.
ILS OR LOC RWY 28L, AMDT 27B	IAP	Published	2/28/2019	No further information available at this time.
PIRAT ONE	STAR	Published	12/31/2020	No further information available at this time.
POINT REYES THREE	STAR	Pending	12/31/2020	No further information available at this time.
STINS FOUR	STAR	Pending	12/31/2020	No further information available at this time.

Oakland International Airport				
IFP in Production Plan	Type of IFP	Status	Scheduled Publication Date	Additional Notes (If Applicable)
ILS RWY 12 (SA CAT I), AMDT 8B	IAP	Pending	1/2/2020	No further information available at this time.
CALSTATE VISUAL RWY, AMDT 30	IAP	Pending	12/5/2019	No further information available at this time.
ILS OR LOC RWY 12, AMDT 9	IAP	Pending	12/5/2019	No further information available at this time.
RNAV (GPS) Y RWY 12, AMDT 4	IAP	Pending	12/5/2019	No further information available at this time.

Oakland International Airport				
IFP in Production Plan	Type of IFP	Status	Scheduled Publication Date	Additional Notes (If Applicable)
AANET TWO	RNAV STAR	Pending	12/5/2019	No further information available at this time.
WNDSR THREE	RNAV STAR	Pending	12/5/2019	No further information available at this time.
OAKLAND FOUR	SID	Awaiting Publication	8/15/2019	Of low importance to the Roundtable, as the proposed modifications are unlikely to change the locations of overflights.
SKYLINE ONE	SID	Awaiting Publication	8/15/2019	Of low importance to the Roundtable, as the proposed modifications are unlikely to change the locations of overflights.
PANOCHÉ SIX	STAR	Awaiting Publication	8/15/2019	Of low importance to the Roundtable, as the proposed modifications are unlikely to change the locations of overflights.
SILENT TWO	SID	Pending	5/21/2020	No further information available at this time.
OAKLAND FIVE	SID	Pending	1/30/2020	No further information available at this time.
QUAKE ONE	SID	Pending	1/30/2020	No further information available at this time.
TBD ONE	SID	Pending	1/30/2020	No further information available at this time.