LIVERMORE
CALIFORNIA

AIRPORT COMMISSION

AGENDA
MONDAY, MAY 5, 2025

AIRPORT COMMISSION REGULAR MEETING – 6:30 PM

MEETING PARTICIPATION INFORMATION CAN BE FOUND AT THE END OF THE AGENDA

CIVIC CENTER MEETING HALL
WILLIAM M. MENDENHALL COMMUNITY ROOM
1016 S. LIVERMORE AVENUE

Darin Bishop, Chair
David Farley, Commissioner
Christopher Dombrowski, Vice Chair
Victoria L Schellenberger, Commissioner
Jon Lavine, Commissioner

1. CALL TO ORDER

ROLL CALL

Commissioner David Farley
Commissioner Jon Levine
Commissioner Victoria Schellenberger
Vice Chair Christopher Dombrowski
Chair Darin Bishop

2. PLEDGE OF ALLEGIANCE

3. OPEN FORUM

- In conformance with the Brown Act, no Airport Commission action can occur on items presented during Open Forum.
- To provide public comment, please submit a speaker card. When your name is called, walk to the lectern to address the Airport Commission.
- Comments are limited to a maximum of 3 minutes per person, per item. The Chair may reduce the amount of time based on the number of persons wishing to speak.
- Open Forum will conclude after 30 minutes; however, if there are additional speakers, Open Forum will reconvene after Matters for Consideration.

4. CONSENT CALENDAR

Consent Calendar items are considered routine and are acted upon by the Airport Commission with a single action. Members of the audience wishing to provide public input must submit a speaker card.

4.1 Approval of Airport Commission draft minutes for Special Meeting March 19, 2025

Recommendation:
Staff recommends the Airport Commission approve the draft minutes.
Staff Report
Attachments:
1. 2025-03-19 - Draft Minutes Airport Commission

4.2 Approval of Airport Commission draft minutes for April 7, 2025

Recommendation:
Staff recommends the Airport Commission approve the draft minutes.
Staff Report
Attachments:
1. 2025-04-07 - Draft Minutes Airport Commission

5. MATTERS FOR CONSIDERATION

5.1 Review of Airport aircraft operations, activity and noise reports for the month of March 2025

Recommendation:

Staff recommends the Airport Commission accept the reports.

Staff Report

Attachments:

1. LVK Statistics Summary March 2025
2. FAA Aircraft Operations March 2025
3. LVK Activity March 2025
4. Noise Concerns Statistics March 2025
5. Noise Concerns by Operation March 2025
6. Noise Concerns March 2025

5.2 Discussion of Livermore Airport Noise Reporting

Recommendation:

Staff recommends the Airport Commission discuss noise reporting at the Livermore Airport.

Staff Report

Attachments:

1. 2025-04-07 Weekly Noise Report v1.0 LVK
2. 2023 Annual Airport Noise Report for PAO
3. Noise Monthly Report Nov24-Jan25 SMC
4. Contra Costa County Noise Report

6. COMMITTEE REPORTS AND MATTERS INITIATED BY STAFF AND COMMISSION MEMBERS

7. ADJOURNMENT

To a regular Airport Commission meeting on Monday, June 2, 2025 at 6:30 pm, Civic Center Meeting Hall, William M. Mendenhall Community Room, 1016 S. Livermore Avenue.

8. HOW TO PARTICIPATE IN THE MEETING

You can participate in the meeting in a number of ways:

Open Forum is an opportunity for the public to speak regarding items not listed on the agenda. Speakers are limited to a maximum of 3 minutes per person. To address the Airport Commission, you must submit a speaker card to the liaison prior to the start of that item. You should be aware that the Airport Commission is prohibited by State law from taking action on any items that are not listed on the agenda. However, if your item requires action, the Commission may place it on a future agenda or direct staff to work with you and/or report to the Commission on the issue.

Other Agenda Items are also open for public input including Consent Calendar or Matters for Consideration items. These comments are also subject to the 3-minute limit.

Special Meetings, Workshops - The public will have the opportunity to address the Airport Commission regarding the item that is the subject of the special meeting or workshop. Public comments are limited to a maximum of 3 minutes per person.

Submission of Comments Prior to the Meeting:

Email Comments may be submitted by the public to the Commission liaison (arhescher@LivermoreCA.gov). Items received no later than 12:00 pm the day of the meeting will be provided to the Airport Commission and available on the City website prior to the meeting. These items will NOT be read into the record.

eComments may be submitted by the public using the eComment link here. Comments may be up to 1000 characters in length and will be accepted up until 3:30 pm the day of the meeting. These items will NOT be read into the record and are viewable by the Airport Commission and the public upon submittal.

Submission of Comments During the Meeting:

Speakers are limited to a maximum of 3 minutes per person. To submit a comment, you must complete a speaker card for each item. Speaker cards are available in the Civic Center Meeting Hall lobby. Indicate on the card the item number you wish to comment on and submit the card directly to the liaison prior to the start of the item. You should be aware that the Commission is prohibited by State law from taking action on any items that are not listed on the agenda. However, if your item requires action, the Commission may place it on a future agenda or direct staff to work with you and/or report to the Commission on the issue.

If you would like to deliver written materials to the Airport Commission as part of your public comments, please provide 8 copies to the liaison with your speaker card.

The **Airport Commission Agenda and Agenda Reports** are prepared by City staff and are available for public review on Thursday evening, prior to the Airport Commission meeting at 1016 South Livermore Avenue, Livermore. The Agenda is also available on the City's website, http://livermoreca.gov/agenda.

Under Government Code §54957.5, any supplemental material distributed to the members of the Airport Commission after the posting of this agenda will be available for public review at 1052 South Livermore Avenue, Livermore, and included in the agenda packet available on the City's web site at http://livermoreca.gov/agenda.

PURSUANT TO TITLE II OF THE AMERICANS WITH DISABILITIES ACT (CODIFIED AT 42 UNITED STATES CODE SECTION 12101 AND 28 CODE OF FEDERAL REGULATIONS PART 35), AND SECTION 504 OF THE REHABILITATION ACT OF 1973, THE CITY OF LIVERMORE DOES NOT DISCRIMINATE ON THE BASIS OF RACE, COLOR, RELIGION, NATIONAL ORIGIN, ANCESTRY, SEX, DISABILITY, AGE OR SEXUAL ORIENTATION IN THE PROVISION OF ANY SERVICES, PROGRAMS, OR ACTIVITIES. TO ARRANGE AN ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS PUBLIC MEETING, PLEASE CONTACT THE ADA COORDINATOR AT ADACOORDINATOR@LIVERMORECA.GOV OR CALL (925) 960-4170 (VOICE) OR (925) 960-4104 (TDD) AT LEAST THREE (3) BUSINESS DAYS IN ADVANCE OF THE MEETING.

LIVERMORE
CALIFORNIA

AIRPORT COMMISSION STAFF REPORT **ITEM NO. 4.1**

DATE: May 5, 2025

TO: Chairperson and Members of the Airport Commission

FROM: Benny Stuth, Airport Manager

SUBJECT: Approval of Airport Commission draft minutes for Special Meeting March 19, 2025

RECOMMENDED ACTION

Staff recommends the Airport Commission approve the draft minutes.

SUMMARY

Draft minutes for Special Meeting March 19, 2025, were pulled from Agenda of April 7, 2025, due to corrections needed.

DISCUSSION

ATTACHMENTS

1. 2025-03-19 - Draft Minutes Airport Commission

Prepared by: Angela Hescher
Administrative Technician

AIRPORT COMMISSION MINUTES
March 19, 2025

1. **CALL TO ORDER –** The meeting of the Airport Commission was called to order by Chair Bishop at 6:32 p.m.

2. **ROLL CALL –** Present: Chair Darin Bishop, Vice Chair Christopher Dombrowski, Commissioners David Farley and Jon Levine. Absent: Commissioner Victoria Schellenberger.

3. **PLEGE OF ALLEGIANCE -** Chair Bishop led the Pledge of Allegiance.

4. **SPECIAL MEETING ITEM**

4.1 Presentation on the Airport Land Use and Development Study

Presented by Economic Development Manager Andy Ross.

Chair Bishop invited public comment.

Donna Cabane provided comment.
Linda Milanese provided comment.
Carol Silva provided comment.
Connie Kopps provided comment.
Purnam Sheth provided comment.
Pete Sandhu provided comment.
Shirley Lewandowski provided comment.
Scott Miner provided comment.
Robert Tucknott provided comment

There were no more speakers, and the public comment period was closed.

Chair Bishop invited comment from Commission.

After all comments by Commission, item was closed.

Chair Bishop adjourned the meeting to a Regular scheduled Airport Commission meeting on Monday, April 7, 2025, at 6:30 p.m.

Donna Cabane commented.

Chair Bishop commented and continued the discussion.

Innovation and Economic Development Director, Brandon Cardwell responded.

Purnam Sheth provided comment.

Senior Assistant City Attorney, Tara Mazzanti note that the item had previously closed.

Chair Bishop requested staff to review public comment questions and provide a fact page at the next Airport Commission meeting.

Director Cardwell stated he will consult staff on the time frame for answers.

5. ADJOURNMENT

Chair Bishop adjourned the meeting to a Regular scheduled Airport Commission meeting on Monday, April 7, 2025, at 6:30 p.m.

Meeting adjourned at 7:54 PM.

LIVERMORE
CALIFORNIA

AIRPORT COMMISSION STAFF REPORT **ITEM NO. 4.2**

DATE: May 5, 2025

TO: Chairperson and Members of the Airport Commission

FROM: Benny Stuth, Airport Manager

SUBJECT: Approval of Airport Commission draft minutes for April 7, 2025

RECOMMENDED ACTION

Staff recommends the Airport Commission approve the draft minutes.

SUMMARY

DISCUSSION

ATTACHMENTS

1. 2025-04-07 - Draft Minutes Airport Commission

Prepared by: Angela Hescher
Administrative Technician

AIRPORT COMMISSION MINUTES
April 7, 2025

1. **CALL TO ORDER –** The meeting of the Airport Commission was called to order by Chair Bishop at 6:32 p.m.

ROLL CALL – Present: Chair Darin Bishop, Commissioners David Farley, Jon Levine and Victoria Schellenberger. Absent: Vice Chair Christopher Dombrowski.

2. **PLEGE OF ALLEGIANCE -** Chair Bishop led the Pledge of Allegiance.

3. **OPEN FORUM**

Chair Bishop invited public comment.

Purnam Sheth provided comment.

There were no additional speakers, and the public comment period was closed.

4. **CONSENT CALENDAR**

4.1 Approval of Airport Commission draft minutes for March 3, 2025, regular meeting and draft minutes for March 19, 2025, special meeting.

Draft minutes for March 19, special meeting was pulled for corrections.

Chair Bishop invited public comment.

Purnam Sheth provided comment.
Chair Bishop provided comment.
Airport Manager, Benedict Stuth called point of order, comment period only.
Purnam Sheth continued comment.

There were no additional speakers, and public comment period was closed.

A MOTION TO APPROVE THE MINUTES FOR THE REGULAR MEETING OF MARCH 3, 2025, WAS MADE BY COMMISSIONER SCHELLENBERGER, SECONDED BY COMMISSIONER FARLEY, AND PASSED WITH A VOTE OF 4-0. WITH VICE CHAIR DOMBROWSKI ABSENT.

5. **MATTERS FOR CONSIDERATION**

5.1 Review of Airport aircraft operations, activity and noise concerns for the month of February 2025.

Airport Manager Benedict Stuth provided the reports for this item.

Chair Bishop invited public comment.

Purnam Sheth provided comment.
Pete Sandhu provided comment.

Chair Bishop invited comment from Commission.

After all comments by Commission, Chair Bishop invited additional public comment.

Purnam Sheth provided comment.

There were no additional speakers, and the public comment period was closed.

Chair Bishop called for additional comments from the Commission.

After discussion item was closed.

A MOTION TO APPROVE THE AIRPORT AIRCRAFT OPERATIONS, ACTIVITY AND NOISE CONCERNS REPORTS FOR THE MONTHS OF FEBRUARY 2025 WAS MADE BY COMMISSIONER SCHELLENBERGER, SECONDED BY COMMISSIONER LEVINE, AND PASSED WITH A VOTE OF 3-1. WITH VICE CHAIR DOMBROWSKI ABSENT.

5.2 Aircraft Incident Report for March 2025.

Airport Manager Stuth provided the report for this item.

Chair Bishop invited public comment.

Pete Sandhu provided clarification that the aircraft is based at LVK as a sub-tenant of Five Rivers Aviation.

There were no additional speakers, and the public comment period was closed.

Chair Bishop invited commission comments.

After comments by Commission, Chair Bishop closed the item.

6. **COMMITTEE REPORTS AND MATTERS INITIATED BY STAFF AND COMMISSION MEMBERS**

Chair Bishop with Commission Farley in agreement for staff to agendize the status of having GAMI (G100UL) or 100UL in general at Livermore Airport for discussion.

7. ADJOURNMENT

Chair Bishop adjourned the meeting to a Regular scheduled Airport Commission meeting on Monday, May 5, 2025, at 6:30 p.m.

Meeting adjourned at 7:13 PM.

LIVERMORE
CALIFORNIA

AIRPORT COMMISSION STAFF REPORT **ITEM NO. 5.1**

DATE: May 5, 2025

TO: Chairperson and Members of the Airport Commission

FROM: Benny Stuth, Airport Manager

SUBJECT: Review of Airport aircraft operations, activity and noise reports for the month of March 2025

RECOMMENDED ACTION

Staff recommends the Airport Commission accept the reports.

SUMMARY

DISCUSSION

ATTACHMENTS

1. LVK Statistics Summary March 2025
2. FAA Aircraft Operations March 2025
3. LVK Activity March 2025
4. Noise Concerns Statistics March 2025
5. Noise Concerns by Operation March 2025
6. Noise Concerns March 2025

Prepared by: Angela Hescher
Administrative Technician

LIVERMORE AIRPORT
MONTHLY STATISTICS SUMMARY - 2025

1st Quarter	Jan	% of Change Prior Month	Feb	% of Change Prior Month	Mar	% of Change Prior Month
Aircraft Operations	15,332	20%	12,620	-18%	13,880	10%
Fuel Sales	90,283	-12%	102,395	13%	98,305	-4%
Based Aircraft	470	0%	466	-1%	465	0%
Noise Reports	245	68%	222	-9%	190	-14%

LIVERMORE AIRPORT

FAA AIRCRAFT OPERATIONS FOR MARCH 2025

TYPE OF OPERATION	Current Month Operations	Previous Month Operations	Percent of Change Prior Month
Instrument (IFR)	967	893	8%
Air Taxi	259	239	8%
Itinerant General	4,339	4,285	1%
Itinerant Military	8	5	60%
Local General	9,274	8,091	15%
TOTAL	13,880	12,620	10%

NOTE:

Instrument operations are not included in the total as they are included in the other categories in which they occurred.

LIVERMORE AIRPORT

ACTIVITY REPORT FOR MARCH 2025

PETROLEUM PRODUCTS SOLD	Gallons Current Month	Gallons Previous Month	% of Change Prior Month
Self-Serve 100LL	6,348	6,407	-1%
100LL	15,730	14,780	6%
UL94	266	214	20%
Jet A	75,961	80,994	-7%
TOTAL	**98,305**	**102,395**	**-4%**

BASED AIRCRAFT	Current Month	Previous Month
Single Engine	421	421
Twin Engine	19	20
Jet	11	11
Turbo-Prop	7	7
Helicopter	7	7
Total Based Aircraft	**465**	**466**
Total Revenue Aircraft	396	397
Transient Aircraft	9	9

RENTAL STATUS	Full Capacity	Vacant
Tie-Downs	90*	74
Shelters	9	0
Hangars	392	0

Of the based aircraft, no revenue is received from:		
FBO's:	45	Aircraft
Multiple Occupancy:	24	Aircraft

Tenant Activity & Aircraft Type	
New tenants:	3 SE
Local move:	2 SE
Vacated/left:	2 SE, 1 TWIN

No vandalism or theft to report this month.

*** Tie-Downs Full Capacity reduced due to License Agreement 24-0016**

LIVERMORE AIRPORT

2025 NOISE CONCERNS STATISTICS

Concerns Filed by City for March 2025

Origin:		
Pleasanton	150	79%
Livermore	24	13%
Dublin/Other	16	8%
TOTAL	**190**	100%

Statistical Synopsis:

Of the 190 concerns, 150 were received from Pleasanton households, representing 79% of the total concerns.

Of the 190 concerns, 24 were received from Livermore households, representing 13% of the total concerns.

"Voluntary Restraint from Night Flying" period:

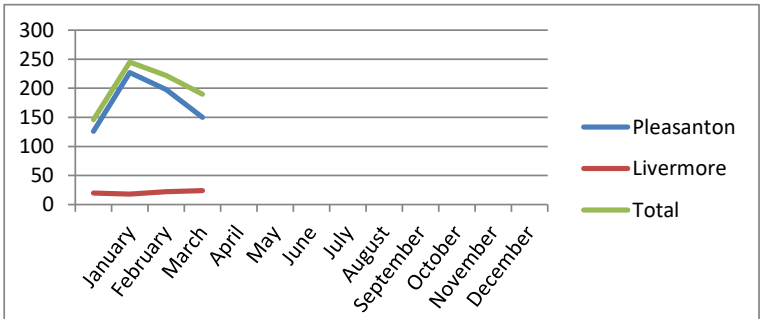
12 of the 190 concerns were from operations occurring between 10:00 PM and 6:00 AM, representing 6% of the total concerns.

Of the 13,880 total operations, 67 operations occurred during the Voluntary Restraint from Night Flying Hours of 10:00 PM and 6:00 am, representing less than 1% of total operations.

2025 Concerns Filed by Houshold Summary

		Pleasanton			Livermore			Dublin/Other	# of Individual Households
Month	Total	HH-PA*)	HH-PB*)	Misc	HH-LA *)	HH-LB*)	Misc	Misc	
January	245	86	36	105	11	2	5	-	32
February	222	65	29	104	5	5	12	2	20
March	190	53	29	68	10	4	10	16	19
April	0								
May	0								
June	0								
July	0								
August	0								
September	0								
October	0								
November	0								
December	0								
Total	**657**	204	94	277	26	11	27	18	

*) Represents one household in respective City



Livermore Airport
CY 2025 Noise Concerns Summary

MONTHLY SUMMARY REPORT BY TYPE OF OPERATION

					Pleasanton				Livermore				Dublin/SR/Other	
Month	Total JET OPS	Total NON JET OPS	GRAND TOTAL	LAST YR TOTALS	JET ARR	JET DEP	JET OVERFLT	NON JET OPS	JET ARR	JET DEP	JET OVERFLT	NON JET OPS	JET OPS	NON JET OPS
January	70	175	245	284	42	21	5	159	-	1	1	16	-	-
February	82	140	222	133	36	39	-	123	6	1	-	15	-	2
March	53	137	190	388	8	23	-	119	9	2	1	12	10	6
April	-	-	-	864										
May	-	-	-	785										
June	-	-	-	285										
July	-	-	-	331										
August	-	-	-	313										
September	-	-	-	312										
October	-	-	-	275										
November	-	-	-	165										
December	-	-	-	146										
Total	**205**	**452**	**657**	**4281**	86	83	5	401	15	4	2	43	10	8

Top 5 - Single operations generating most concerns:

Destination Turlock Municipal (O15)

# of Calls	Date	Time	Operation	Runway	A/C	10pm-6am
2	3/7/25	12:17 AM	Arrival	25R	Jet	Yes
2	3/9/25	2:45 PM	Arrival	25R	Jet	No
2	3/23/25	2:03 PM	Overflight	N/A	Prop	No
2	3/23/25	2:14 PM	Departure	25R	Prop	No
2	3/25/25	9:38 AM	Departure	25R	Prop	No

March 2025 - Concerns Overview

Total Concerns	Night Operations 10pm - 6am	City		Cause		Propulsion		Direction	
				1 - Too Low	47	Prop	106	Landing	43
				2 - Too Loud	116	Jet	53	Takeoff	69
		Pleasanton	150	3 - Night Ops *	12	Turbo Prop	6	Touch & Go (Terrain)	38
		Livermore	24	4 - Too Fast	0	Helicopter	0	Overflights (Transit)	17
		Dublin/Other	16	5 - Circling	15	Not Identified	25	Not Identified	23
190	12		190		190		190		190

6% of the total concerns occurred during Night Operations *** 0 Night Ops reported by complaintant(s) as Cause other than Night Ops**

March 2025 - Concerns Detail

			City Title		Cause Type		Prop Type		Direction Type				
ID_1	Date	Time		City		Cause		Propulsion		Direction	Dept/Dest	RWY	Operating type
7029	3/1/2025	12:44:07		Pleasanton		5		P		TAKEOFF	KLVK/——		General Aviation
7030	3/1/2025	12:49:00		Livermore		2		P		LANDING	——/KLVK	25R	General Aviation
7031	3/3/2025	6:54:55		Livermore		2		J		TERRAIN	KLVK/KVNY	25R	Air Taxi
7032	3/4/2025	18:17:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	7L/7L	General Aviation
7033	3/5/2025	13:46:07		Pleasanton		2		P		TERRAIN	KLVK/KLVK	25L/25L	General Aviation
7034	3/5/2025	13:51:43		Pleasanton		1		P		TERRAIN	KLVK/KLVK	25L/25L	General Aviation
7035	3/5/2025	13:56:55		Pleasanton		5		P		TERRAIN	KLVK/KLVK	25L/25L	General Aviation
7036	3/6/2025	16:36:00		Pleasanton		5		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7037	3/7/2025	0:17:40		Livermore		3		J		LANDING	KRIL/KLVK	25R	Air Taxi
7038	3/7/2025	0:20:14		Livermore		3		J		LANDING	KRIL/KLVK	25R	Air Taxi
7039	3/7/2025	4:14:40		Livermore		3		J		TAKEOFF	KLVK/KCOE	7L	Air Taxi
7050	3/7/2025	8:30:00		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7051	3/7/2025	8:30:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7112	3/7/2025	12:20:00		Pleasanton		2		P		TAKEOFF	KLVK/KCIC	25R	General Aviation
7040	3/7/2025	16:06:00		Pleasanton		1					——/——		
7041	3/7/2025	16:12:02		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7042	3/7/2025	16:15:23		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7043	3/7/2025	16:19:11		Pleasanton		1		P		TAKEOFF	KLVK/KSQL		General Aviation
7044	3/7/2025	16:21:48		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation

March 2025 - Concerns Detail

ID_1	Date	Time	City Title	City	Cause Type	Cause	Prop Type	Propulsion	Direction Type	Direction	Dept/Dest	RWY	Operating type
7045	3/7/2025	16:23:47		Pleasanton		1		P		LANDING	KHWD/KLVK		General Aviation
7046	3/7/2025	16:31:30		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7047	3/7/2025	16:33:09		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7052	3/7/2025	16:35:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	25R/25L	General Aviation
7048	3/7/2025	16:39:39		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7049	3/7/2025	18:03:19		Pleasanton		2		P		TAKEOFF	KLVK/KHWD		General Aviation
7053	3/7/2025	19:00:00		Pleasanton		2		J		TAKEOFF	KLVK/KSNA	25R	Air Taxi
7111	3/7/2025	19:50:00		Pleasanton		2		J		TAKEOFF	KLVK/KUDD	25R	Business
7061	3/8/2025	9:00:00		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation
7063	3/8/2025	9:00:00		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation
7110	3/8/2025	10:25:00		Pleasanton		1		J		TAKEOFF	KLVK/MMSD	25R	Air Taxi
7109	3/8/2025	10:34:00		Pleasanton		2		J		TAKEOFF	KLVK/KBZN	25R	Business
7054	3/8/2025	11:05:52		Pleasanton		2		P		TAKEOFF	KLVK/KSJC		General Aviation
7055	3/8/2025	11:39:00		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation
7062	3/8/2025	12:50:00		Pleasanton		2		P		LANDING	———/KLVK	7L	General Aviation
7108	3/8/2025	15:35:00		Pleasanton		2		J		LANDING	KBOI/KLVK	7L	Business
7056	3/8/2025	15:52:07		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7057	3/8/2025	15:54:11		Pleasanton		1		P		LANDING	KCCR/KLVK	7L	General Aviation
7058	3/8/2025	15:58:31		Pleasanton		2		P		LANDING	KRHV/KLVK	7L	General Aviation
7059	3/8/2025	16:09:34		Pleasanton		1		P		LANDING	———/KLVK		General Aviation
7060	3/8/2025	16:41:21		Pleasanton		2		P		TAKEOFF	KLVK/KOAK		General Aviation
7107	3/8/2025	21:48:00		Pleasanton		2		J		TAKEOFF	KLVK/KBOI	25R	Business
7064	3/9/2025	9:15:00		Pleasanton		2					———/———		
7065	3/9/2025	10:55:00		Pleasanton		2					———/———		
7066	3/9/2025	11:20:00		Pleasanton		2		J		TAKEOFF	KLVK/KNUQ	25R	Air Taxi
7067	3/9/2025	11:25:28		Pleasanton		2		P		TAKEOFF	KLVK/———		General Aviation
7068	3/9/2025	14:31:18		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation
7069	3/9/2025	14:35:45		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation
7070	3/9/2025	14:45:24		Livermore		2		J		LANDING	KJAC/KLVK	25R	Air Taxi
7071	3/9/2025	14:45:46		Livermore		2		J		LANDING	KJAC/KLVK	25R	Air Taxi
7072	3/9/2025	14:56:08		Pleasanton		1		P		LANDING	KOAK/KLVK		General Aviation
7077	3/10/2025	8:25:00		Pleasanton		1		P		TAKEOFF	KLVK/KMCC	25R	General Aviation
7078	3/10/2025	9:35:00		Pleasanton		2		J		TAKEOFF	KLVK/KSLC	25R	Air Taxi
7079	3/10/2025	10:15:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7073	3/10/2025	16:55:58		Pleasanton		1					———/———		
7074	3/10/2025	17:15:40		Pleasanton		2		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7075	3/10/2025	17:28:48		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7076	3/11/2025	6:07:36		Livermore		2		J		TAKEOFF	KLVK/KOAK	7L	Air Taxi
7080	3/11/2025	10:25:00		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation

March 2025 - Concerns Detail

ID_1	Date	Time	City Title	City	Cause Type	Cause	Prop Type	Propulsion	Direction Type	Direction	Dept/Dest	RWY	Operating type
7081	3/11/2025	17:25:00		Pleasanton		2		J		TAKEOFF	KLVK/KIAD	25R	Business
7082	3/11/2025	19:00:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7083	3/11/2025	20:00:00		Pleasanton		2		P		TAKEOFF	KLVK/KTCY	25R	General Aviation
7085	3/15/2025	10:11:00		Pleasanton		2		J		TAKEOFF	KLVK/KLAS	25R	Air Taxi
7084	3/15/2025	12:49:22		Pleasanton		1				TAKEOFF	KLVK/———		
7086	3/15/2025	15:33:00		Pleasanton		5					———/———		
7087	3/15/2025	15:33:00		Pleasanton		2					———/———		
7088	3/16/2025	15:34:00		Pleasanton		5					———/———		
7089	3/16/2025	15:34:00		Pleasanton		1					———/———		
7090	3/16/2025	15:34:00		Pleasanton		1					———/———		
7106	3/16/2025	17:50:00		Pleasanton		2		J		TAKEOFF	KLVK/KHWD	25R	Business
7091	3/16/2025	19:59:00		Livermore		2		J		LANDING	KSNA/KLVK	25R	Air Taxi
7092	3/16/2025	20:30:40		Pleasanton		2		J		TAKEOFF	KLVK/KSNA	25R	Air Taxi
7105	3/17/2025	10:42:00		Pleasanton		2		J		TAKEOFF	KLVK/KBZN	25R	Air Taxi
7104	3/17/2025	12:25:00		Pleasanton		2		J		TAKEOFF	KLVK/KBOI	25R	Business
7093	3/18/2025	16:27:00		Pleasanton		2		J		TAKEOFF	KLVK/KSFO	25R	Business
7094	3/18/2025	20:38:51		Pleasanton		1		P		LANDING	———/KLVK	25R	General Aviation
7117	3/19/2025	8:30:00		Pleasanton		1		P		LANDING	———/KLVK	25R	General Aviation
7118	3/19/2025	8:30:00		Pleasanton		2		P		LANDING	———/KLVK	25R	General Aviation
7095	3/19/2025	11:16:49		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7096	3/19/2025	19:58:23		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7097	3/20/2025	13:02:20		Danville		5		P		TRANSIT	KOAK/KOAK		General Aviation
7103	3/20/2025	15:07:00		Pleasanton		2		J		TAKEOFF	KLVK/KPHL	25R	Business
7098	3/20/2025	15:07:09		Pleasanton		1		P		LANDING	———/KLVK	25L	General Aviation
7099	3/20/2025	15:43:21		Pleasanton		1		P		LANDING	———/KLVK		General Aviation
7100	3/20/2025	16:07:52		Pleasanton		2		T		TAKEOFF	KLVK/———	25R	Passenger
7119	3/20/2025	16:30:00		Pleasanton		2		T		TAKEOFF	KLVK/———	25R	Business
7101	3/20/2025	16:43:23		Pleasanton		1		P		TAKEOFF	KLVK/KPAO	25R	Business
7102	3/20/2025	21:24:44		Livermore		5		P		TRANSIT	KPAO/KPAO		General Aviation
7132	3/21/2025	6:40:00		Pleasanton		2		J		TAKEOFF	KLVK/KEOK	25R	Business
7120	3/21/2025	8:10:00		Pleasanton		1		J		TAKEOFF	KLVK/KVNY	25R	Air Taxi
7121	3/21/2025	8:10:00		Pleasanton		2		J		TAKEOFF	KLVK/KVNY	25R	Air Taxi
7122	3/21/2025	8:15:00		Pleasanton		2		J		TAKEOFF	KLVK/KVNY	25R	Air Taxi
7123	3/21/2025	9:10:00		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation
7124	3/21/2025	9:50:00		Pleasanton		1		P		TERRAIN	KLVK/KLVK	25R/—	General Aviation
7114	3/21/2025	9:54:27		Livermore		2		P		LANDING	KLVK/KLVK	25R/25R	General Aviation
7125	3/21/2025	12:00:00		Pleasanton		2		P		TAKEOFF	KLVK/KSQL	25R	General Aviation
7115	3/21/2025	14:03:39		Danville		2		J		TRANSIT	KSFO/KEWR		Passenger
7116	3/21/2025	14:55:08		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/25L	General Aviation

March 2025 - Concerns Detail

ID_1	Date	Time	City Title	City	Cause Type	Cause	Prop Type	Propulsion	Direction Type	Direction	Dept/Dest	RWY	Operating type
7126	3/21/2025	15:40:00		Pleasanton		2		P		TAKEOFF	KLVK/KSAC		General Aviation
7127	3/21/2025	17:50:00		Pleasanton		1		P		TERRAIN	KLVK/KLVK	25R/25R	General Aviation
7128	3/21/2025	17:50:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	25R/25R	General Aviation
7129	3/21/2025	19:55:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7130	3/21/2025	22:04:15		Danville		3		P		TERRAIN	KLVK/KLVK	25R/25R	General Aviation
7131	3/21/2025	22:05:01		Danville		3		J		TRANSIT	KSFO/KFLL		Passenger
7133	3/23/2025	12:20:37		Pleasanton		2		P		TERRAIN	KLVK/KLVK	25R/25R	General Aviation
7134	3/23/2025	13:44:11		Pleasanton		2				TAKEOFF	KLVK/———	25R	
7135	3/23/2025	13:46:34		Pleasanton		1				TAKEOFF	KLVK/———	25R	
7136	3/23/2025	14:03:43		Pleasanton		2		P		TRANSIT	———/KO15		General Aviation
7137	3/23/2025	14:04:28		Pleasanton		2		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7199	3/23/2025	14:04:29		Pleasanton		2		P			———/KO15		General Aviation
7138	3/23/2025	14:14:00		Pleasanton		2		P		TAKEOFF	KLVK/KMRY	25R	General Aviation
7200	3/23/2025	14:15:40		Pleasanton		2		P		TAKEOFF	KLVK/KMRY	25R	General Aviation
7139	3/23/2025	15:02:00		Pleasanton		5					———/———		
7140	3/23/2025	15:02:00		Pleasanton		1					———/———		
7141	3/23/2025	15:02:00		Pleasanton		2					———/———		
7142	3/23/2025	16:48:08		Pleasanton		2		P		TAKEOFF	KLVK/———		General Aviation
7143	3/23/2025	16:48:26		Pleasanton		1		P		TAKEOFF	KLVK/———		General Aviation
7144	3/23/2025	16:49:00		Pleasanton		1		P		LANDING	———/KLVK	7R	General Aviation
7145	3/23/2025	16:49:54		Pleasanton		2		P		LANDING	———/KLVK	7R	General Aviation
7146	3/23/2025	17:30:20		Pleasanton		1		P		LANDING	KSQL/KLVK		General Aviation
7201	3/23/2025	18:41:10		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/25L	General Aviation
7147	3/23/2025	19:25:24		Livermore		2		J		LANDING	KSFO/KLVK	25R	Air Taxi
7148	3/24/2025	9:33:35		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation
7149	3/24/2025	14:41:49		Pleasanton		2		J		LANDING	KASE/KLVK	7L	Air Taxi
7150	3/24/2025	14:49:36		Pleasanton		2		J		LANDING	KASE/KLVK	7L	Air Taxi
7151	3/24/2025	14:50:15		Pleasanton		2		J		LANDING	KASE/KLVK	7L	Air Taxi
7152	3/24/2025	15:22:47		Pleasanton		2		J		LANDING	KMHR/KLVK	7L	Business
7153	3/24/2025	15:23:11		Pleasanton		2		J		LANDING	KMHR/KLVK	7L	Business
7154	3/24/2025	16:53:05		Pleasanton		2		P		LANDING	———/KLVK	7L	General Aviation
7155	3/24/2025	20:42:36		Pleasanton		5		P		TRANSIT	KPAO/KPAO		General Aviation
7157	3/25/2025	9:38:00		Pleasanton		2		P		TAKEOFF	KLVK/KSTS	25R	General Aviation
7158	3/25/2025	9:38:00		Pleasanton		1		P		TAKEOFF	KLVK/KSTS	25R	General Aviation
7156	3/25/2025	9:38:59		Pleasanton		2		P		TAKEOFF	KLVK/KSTS	25R	General Aviation
7160	3/25/2025	9:39:00		Pleasanton		1		P		TAKEOFF	KLVK/———	25R	General Aviation
7159	3/25/2025	9:39:46		Pleasanton		2		P		TAKEOFF	KLVK/———	25R	General Aviation
7161	3/25/2025	9:46:46		Pleasanton		2		J		TAKEOFF	KLVK/KSJC	25R	Air Taxi
7174	3/25/2025	12:30:00		Livermore		2					———/———		

March 2025 - Concerns Detail

ID_1	Date	Time	City Title	City	Cause Type	Cause	Prop Type	Propulsion	Direction Type	Direction	Dept/Dest	RWY	Operating type
7162	3/25/2025	15:51:00		Pleasanton		2		T		LANDING	KSNA/KLVK	7L	Air Taxi
7163	3/25/2025	15:51:22		Pleasanton		1		T		LANDING	KSNA/KLVK	7L	Air Taxi
7164	3/25/2025	17:42:30		Livermore		2		P		TAKEOFF	KLVK/———		General Aviation
7165	3/25/2025	17:55:48		Livermore		5		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7175	3/25/2025	18:30:00		Livermore		5					———/———		
7166	3/25/2025	18:35:24		Pleasanton		1		J		LANDING	KOAK/KLVK	7L	Air Taxi
7167	3/25/2025	18:36:03		Pleasanton		2		J		LANDING	KOAK/KLVK	7L	Air Taxi
7168	3/25/2025	18:37:51		Pleasanton		1		P		LANDING	———/KLVK	7L	General Aviation
7169	3/25/2025	18:38:06		Pleasanton		2		P		LANDING	———/KLVK	7L	General Aviation
7170	3/25/2025	19:16:12		Pleasanton		2		P		LANDING	———/KLVK	7L	General Aviation
7171	3/25/2025	19:16:31		Pleasanton		2		P		TERRAIN	KLVK/KLVK	7L/7L	General Aviation
7172	3/25/2025	19:18:46		Danville		5		P		TRANSIT	KHWD/KHWD		General Aviation
7173	3/26/2025	6:11:04		Livermore		2		T		LANDING	———/KLVK	25R	Business
7176	3/26/2025	12:29:00		Pleasanton		2		J		TAKEOFF	KLVK/KRNO	25R	Business
7177	3/26/2025	12:38:30		Pleasanton		2		P		TAKEOFF	KLVK/KHWD		General Aviation
7179	3/26/2025	21:44:52		Danville		2		J		TRANSIT	KIAH/KSFO		Passenger
7178	3/26/2025	21:47:53		Danville		2		J		TRANSIT	KBOS/KSFO		Passenger
7180	3/26/2025	21:50:46		Danville		2		J		TRANSIT	KIAD/KSFO		Passenger
7184	3/26/2025	21:52:14		Danville		2		J		TRANSIT	KSFO/KBOS		Passenger
7181	3/26/2025	21:54:04		Danville		2		J		TRANSIT	KTPA/KSFO		Passenger
7185	3/26/2025	21:56:33		Danville		2		J		TRANSIT	KEWR/KSFO		Passenger
7182	3/26/2025	22:00:00		Danville		3					———/———		
7183	3/26/2025	22:01:00		Danville		3					———/———		
7186	3/26/2025	22:02:56		Danville		3		J		TRANSIT	KORD/KSFO		Passenger
7187	3/26/2025	22:07:00		Danville		3					———/———		
7188	3/27/2025	8:25:50		Pleasanton		2		J		TAKEOFF	KLVK/KSJC		Air Taxi
7190	3/28/2025	8:25:00		Pleasanton		2		P		TAKEOFF	KLVK/KCPU	25R	General Aviation
7191	3/28/2025	11:20:00		Pleasanton		2		P		TAKEOFF	KLVK/KHWD	25R	Business
7192	3/28/2025	11:25:00		Pleasanton		2		P		TAKEOFF	KLVK/KHWD	25R	Business
7189	3/28/2025	13:40:23		Pleasanton		2		P		TAKEOFF	KLVK/———		General Aviation
7193	3/28/2025	16:15:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	—/25R	General Aviation
7194	3/28/2025	18:55:00		Pleasanton		2		P		TERRAIN	KLVK/KLVK	25R/25R	General Aviation
7195	3/28/2025	19:00:00		Pleasanton		2					———/———		
7196	3/28/2025	23:03:47		Livermore		3		P		LANDING	———/KLVK	25R	General Aviation
7197	3/29/2025	11:12:00		Pleasanton		2					———/———		
7198	3/29/2025	12:55:19		Livermore		5					———/———		
7202	3/29/2025	13:28:00		Pleasanton		2		T		TAKEOFF	KLVK/———	25R	Utility
7203	3/29/2025	13:29:31		Pleasanton		2		P		TAKEOFF	———/KMRY		General Aviation
7204	3/29/2025	13:32:50		Pleasanton		2		P		TRANSIT	KPAO/KPAO		General Aviation

March 2025 - Concerns Detail

ID_1	Date	Time	City Title	City	Cause Type	Cause	Prop Type	Propulsion	Direction Type	Direction	Dept/Dest	RWY	Operating type
7205	3/29/2025	13:37:00		Pleasanton		2		P		TRANSIT	KPAO/KPAO		General Aviation
7206	3/29/2025	14:59:40		Pleasanton		2		P		TAKEOFF	KLVK/KMRY	25R	General Aviation
7215	3/30/2025	9:45:00		Pleasanton		1		J		TAKEOFF	KLVK/MMSD	25R	Business
7207	3/30/2025	14:28:59		Livermore		1		J		LANDING	KLAX/KLVK	25R	Air Taxi
7208	3/30/2025	19:29:53		Livermore		2		J		LANDING	KBNA/KLVK	25R	Air Taxi
7209	3/30/2025	19:46:39		Pleasanton		2					——/——		
7210	3/30/2025	20:06:53		Pleasanton		5		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7212	3/30/2025	20:35:00		Pleasanton		1		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7211	3/30/2025	21:06:00		Pleasanton		2					——/——		
7213	3/30/2025	21:15:00		Pleasanton		5		P		TERRAIN	KLVK/KLVK	—/—	General Aviation
7214	3/30/2025	21:55:29		Pleasanton		2		P		TAKEOFF	KLVK/KSQL	25R	General Aviation
7216	3/31/2025	1:36:19		Livermore		3		P		LANDING	KCRQ/KLVK	25R	
7217	3/31/2025	1:36:23		Livermore		3		P		LANDING	KCRQ/KLVK	25R	
7218	3/31/2025	19:39:02		Livermore		2		J		LANDING	KSJC/KLVK	25R	Air Taxi
7219	3/31/2025	21:49:54		Danville		2		J		TRANSIT	KSFO/KIAD		Passenger

LIVERMORE
CALIFORNIA

AIRPORT COMMISSION STAFF REPORT **ITEM NO. 5.2**

DATE: May 5, 2025

TO: Chairperson and Members of the Airport Commission

FROM: Benny Stuth, Airport Manager

SUBJECT: Discussion of Livermore Airport Noise Reporting

RECOMMENDED ACTION

Staff recommends the Airport Commission discuss noise reporting at the Livermore Airport.

SUMMARY

In a previous Airport Commission meeting, the Commission discussed noise reporting and how it could be changed to more accurately reflect noise impacts on the local community based on submitted noise concerns. The Commission requested Airport staff return at a future meeting with requested information about potential changes that could be made to improve the accuracy of noise reporting. This item responds to that request.

DISCUSSION

The Airport Commission has in previous meetings discussed the monthly noise reports and identified that a relatively small number of households routinely submit a large percentage of the noise concerns, which may not accurately reflect noise impacts experienced by the broader community. The Commission expressed a desire to explore changes to how noise reporting occurs and/or is presented. In response, Airport staff is presenting for the Commission's review the noise report that is submitted weekly to the Livermore City Council. (Attachment 1). Staff has also reviewed the noise reporting practices for the following airports:

- Hayward Executive - Noise Concerns are not reported out.
- Palo Alto Airport - Noise reports are made annually directly to the City Council. (Attachment 2)
- San Mateo County Airports - Noise Concerns are reported out quarterly. (Attachment 3)
- Contra Costa County Airports - Noise concerns are reported out monthly to their Airport Commission. (Attachment 4)

Additionally, the Commission requested that staff explore how the data might be represented if noise reports were limited to one concern submitted per aircraft operation per household. Staff has looked into

this and has found the following:

1. It is possible to represent the data with the limit in place; however, this is not a simple function of the Casper software and requires staff to individually look through each entry to find the duplicates.
2. After review of the noise concerns data entries, staff found that instances of multiple concerns submitted by one person for the same flight is relatively rare.
3. With the exception of some duplication in submitted concerns, single households typically submit multiple concerns on multiple aircraft.

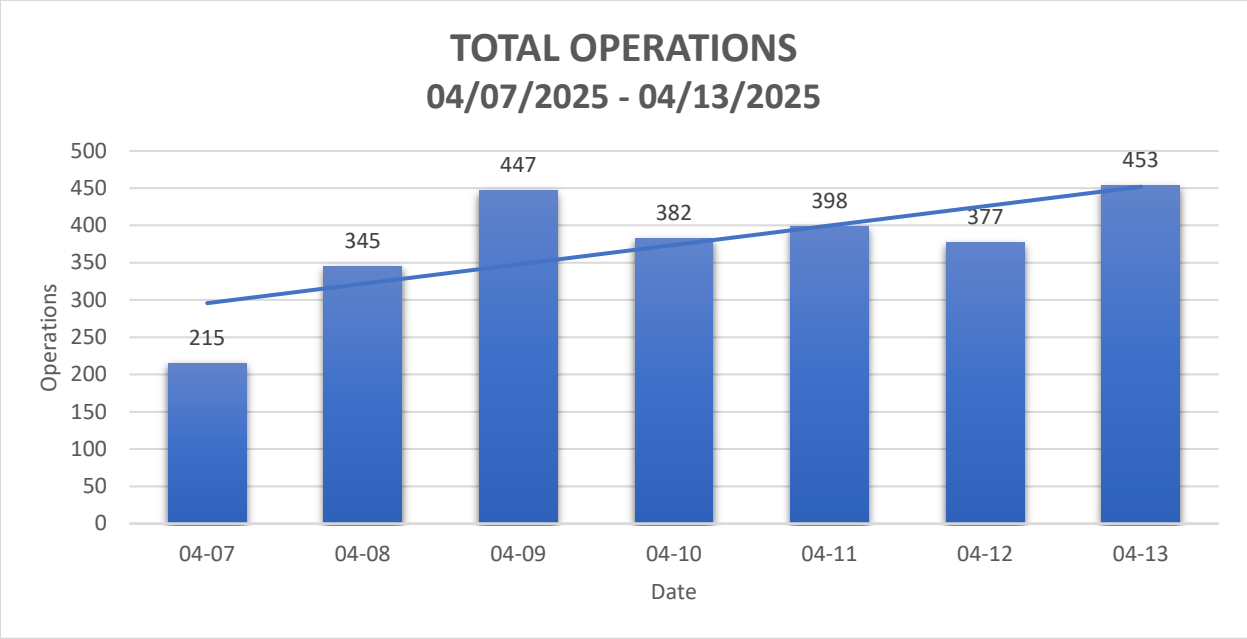
No action or vote will be taken on this item. Staff recommends the Airport Commission discuss noise reporting at the Livermore Airport and provide any necessary input to staff.

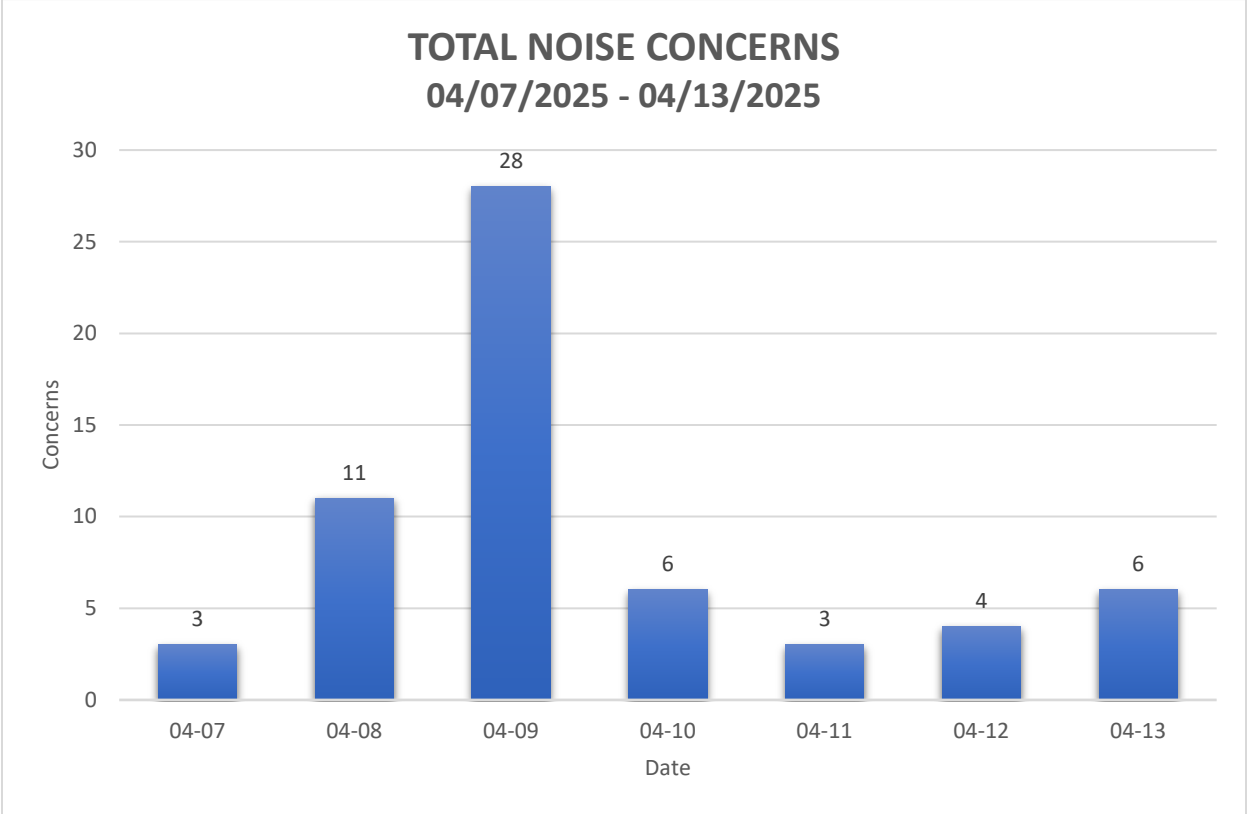
ATTACHMENTS

1. 2025-04-07 Weekly Noise Report v1.0 LVK
2. 2023 Annual Airport Noise Report for PAO
3. Noise Monthly Report Nov24-Jan25 SMC
4. Contra Costa County Noise Report

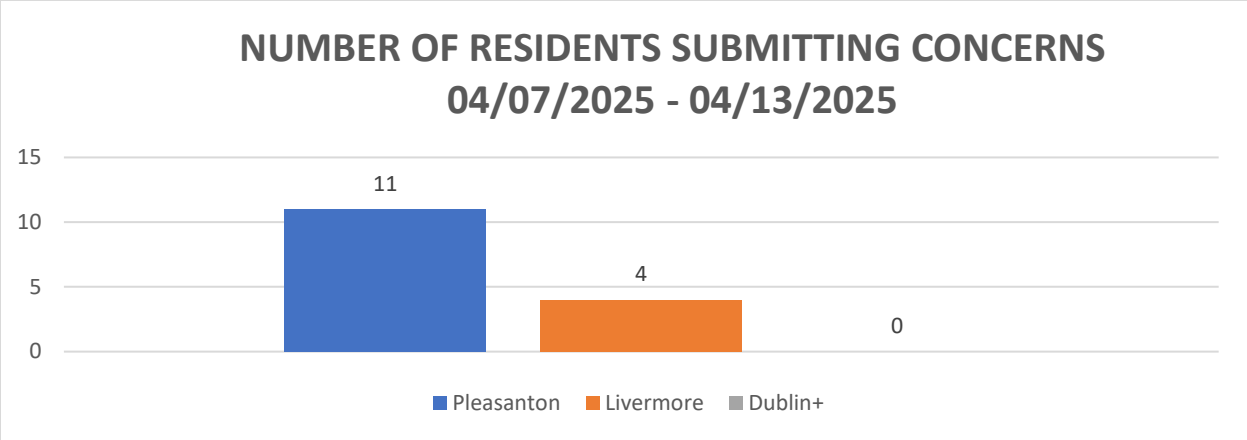
Prepared by: Benedict Stuth
Airport Manager

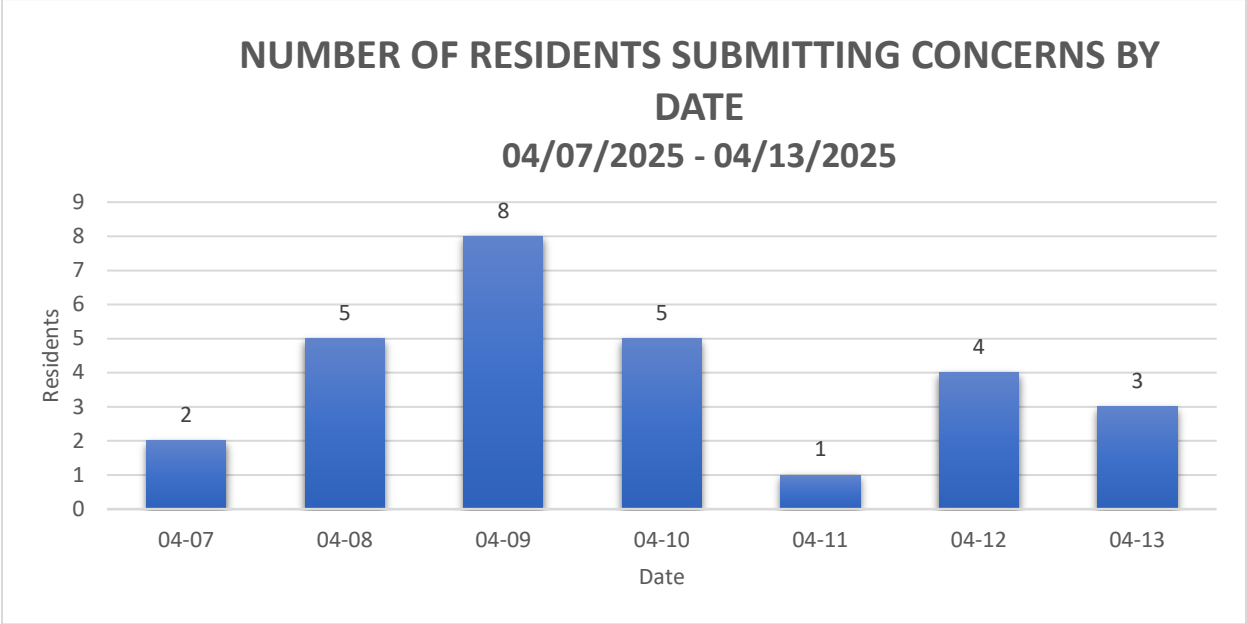
Livermore Airport – Weekly Flight and Noise Concern Report
04/07/2025 – 04/13/2025

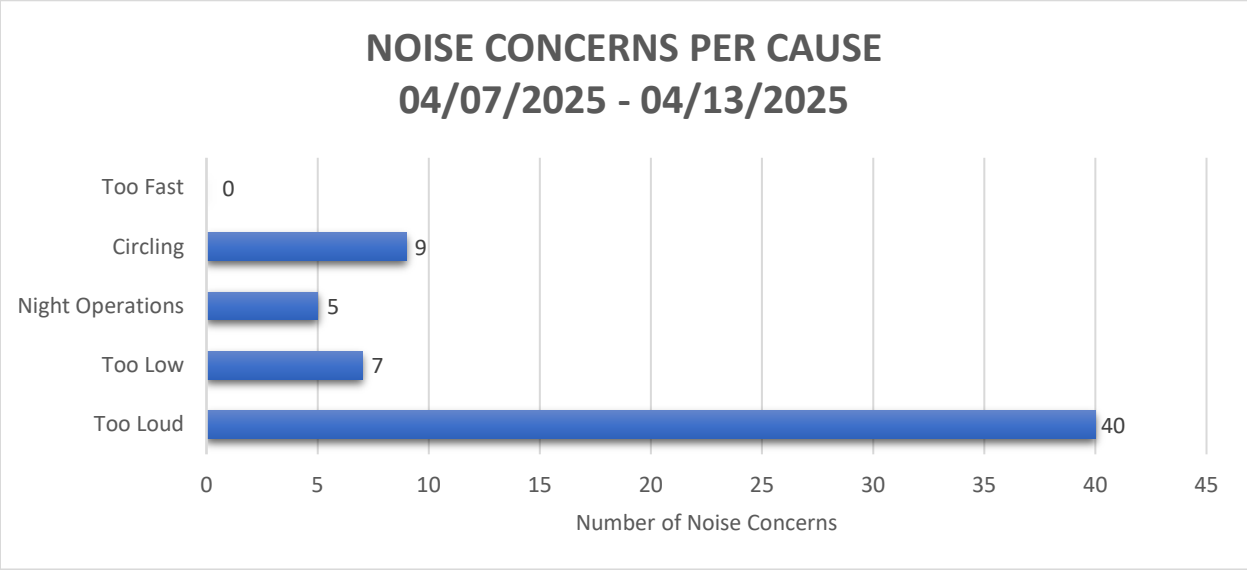




Livermore Airport – Weekly Flight and Noise Concern Report
04/07/2025 – 04/13/2025

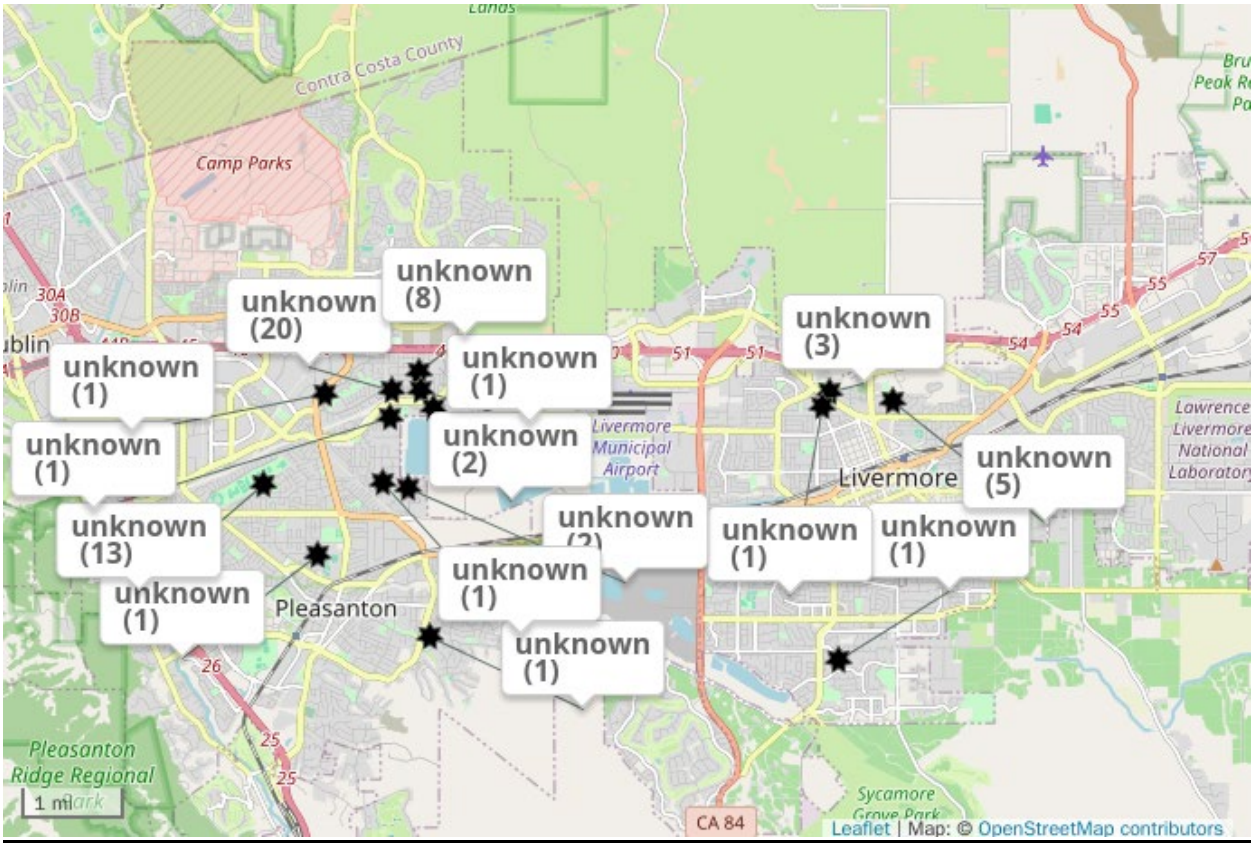


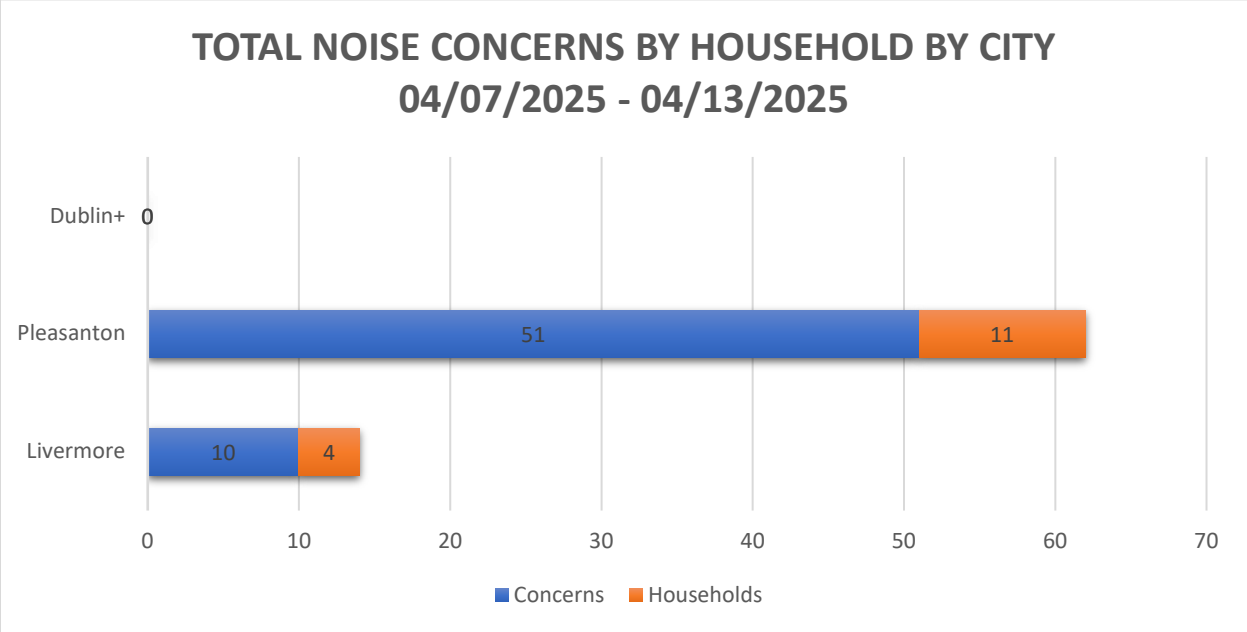




Livermore Airport – Weekly Flight and Noise Concern Report
04/07/2025 – 04/13/2025

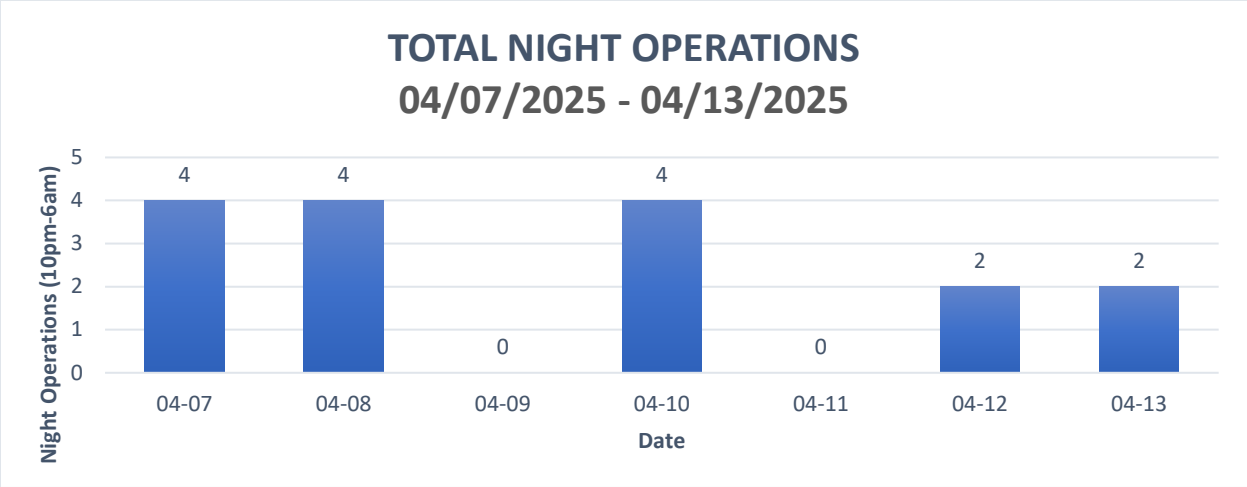
TOTAL NOISE CONCERNS BY HOUSEHOLD 04/07/2025 – 04/13/2025

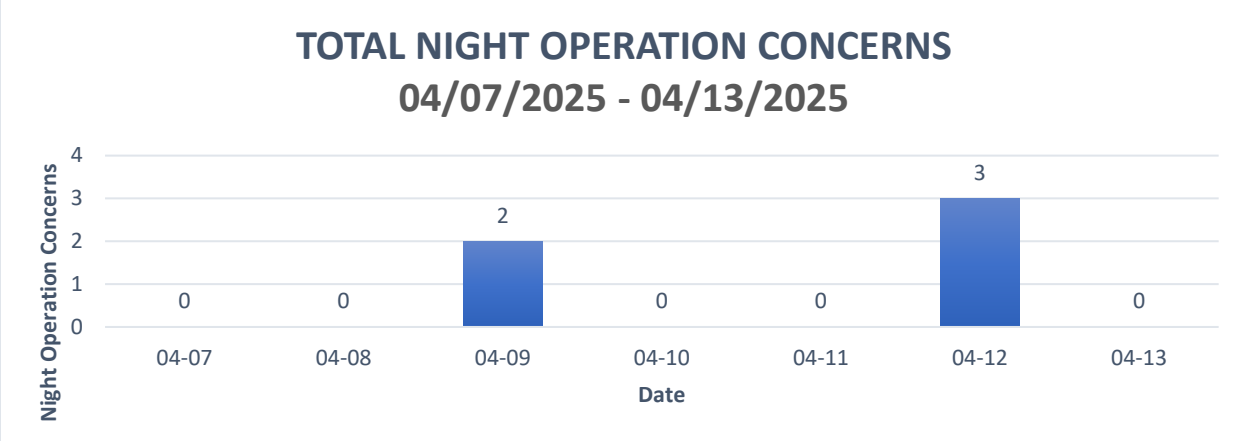


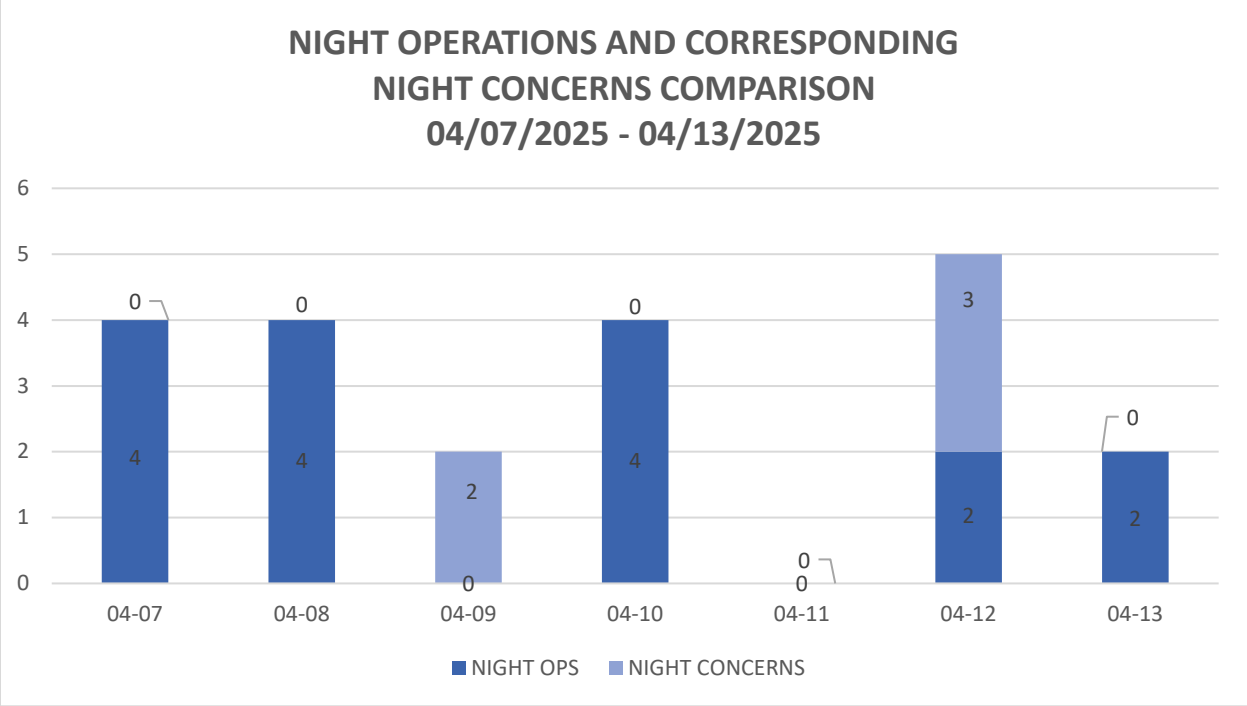


Note*:** ***"unknown" part of recent update, request to remove submitted.

Livermore Airport – Weekly Flight and Noise Concern Report
04/07/2025 – 04/13/2025



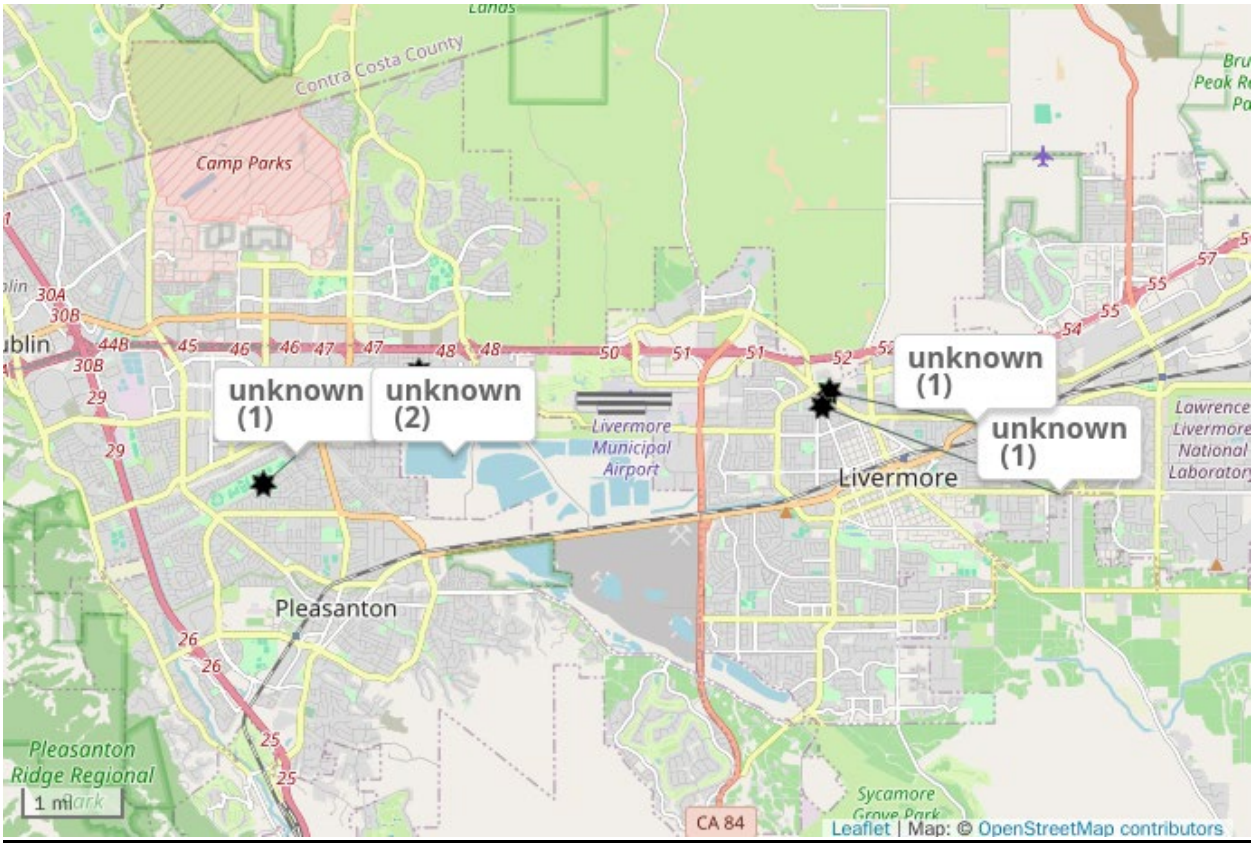


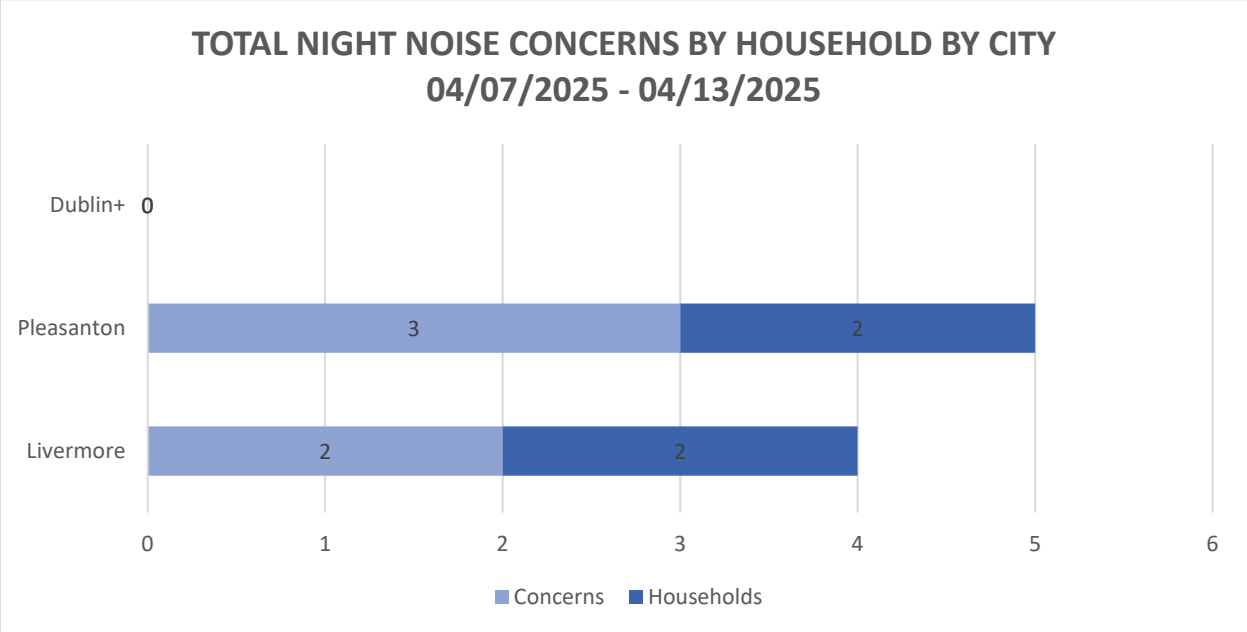


ATTACHMENT 1

Livermore Airport – Weekly Flight and Noise Concern Report
04/07/2025 – 04/13/2025

<u>TOTAL NIGHT NOISE CONCERNS BY HOUSEHOLD 04/07/2025 – 04/13/2025</u>





<u>Note*:</u> "unknown" part of recent update, request to remove submitted.

CITY OF
PALO ALTO

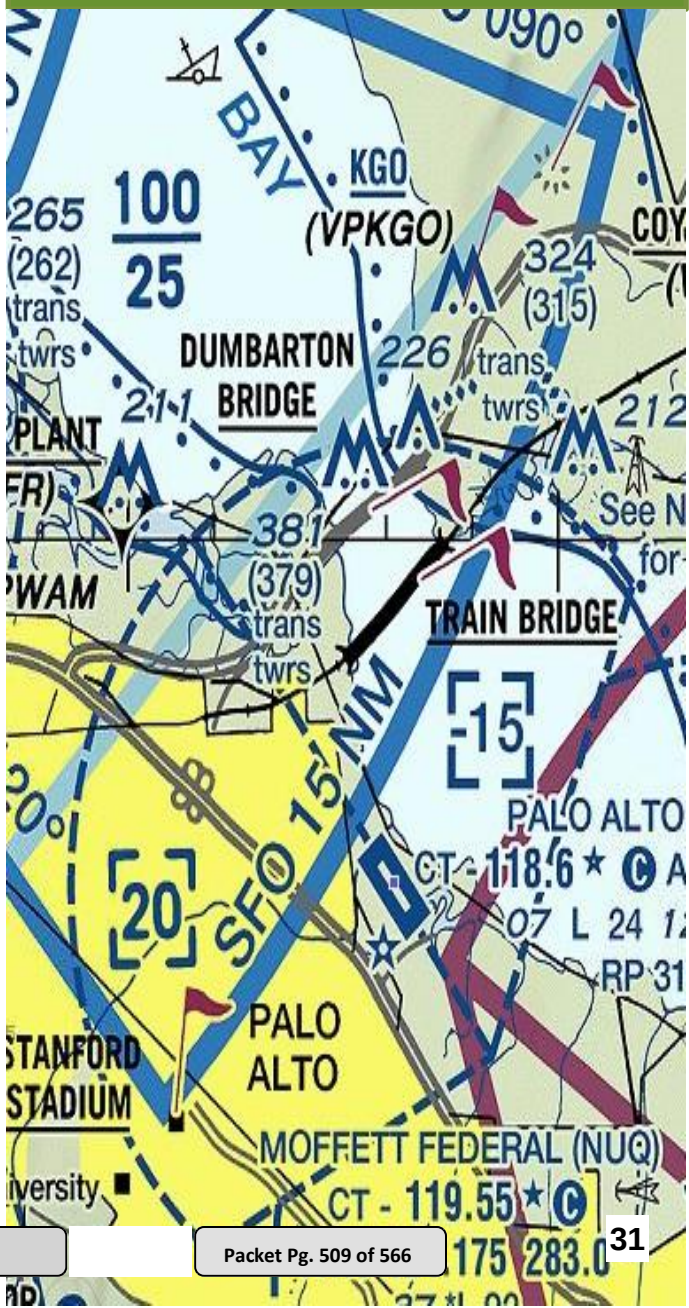
PALO ALTO AIRPORT

PUBLIC WORKS DEPARTMENT

2023 ANNUAL NOISE REPORT

(January 2023 to December 2023)

Vision: Palo Alto Airport strives to balance the interests of pilots to fly with the interests of neighbors in a peaceful living environment. This document is a report of the noise complaints received by the airport in 2023. Airport staff uses this information to identify trends within Palo Alto and neighboring communities. These trends inform communications between airport staff and pilots on the issue of noise.



Introduction:

The following is a report on noise-related operations and complaints received by Palo Alto Airport (PAO) in 2023. The Federal Aviation Administration (FAA) defines air travel routes and procedures, including defining separation distances between aircraft, determining hazards to aviation and all other safety criteria for aircraft, and is responsible for directing and enforcing the movement of aircraft in flight. Although organizations can petition the FAA regarding flight procedures, the FAA has the final say in what is safe and acceptable. The Airport Noise and Capacity Act (ANCA) of 1990 federally prohibits public-use airports from restricting airspace.

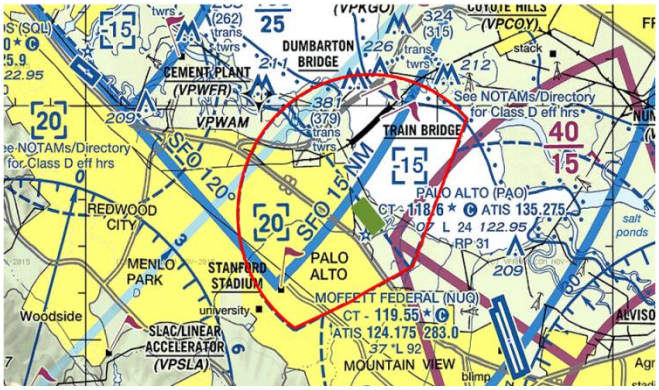
The FAA measures noise based on the Yearly Day and Night Average Sound Level (DNL) and the Community Noise Equivalent Level (CNEL). While both are essentially the same, airports in California use the CNEL method to measure noise. CNEL is a method of averaging single event aircraft noise into a weighted 24-hour average. The system adds penalties to all events occurring during the evening (7pm – 10pm) and the night (10pm – 7am). The Santa Clara County Airport Land Use Commission (SCC ALUC) performed a noise study for the Palo Alto Airport using the CNEL to determine the noise contours for 55, 60, 65, and 70 decibels. The contour map is included as **Attachment A**.

Regarding safety and altitude, the FAA has in place Federal Aviation Regulations (FARs) that establish Minimum Safe Altitudes (MSAs) for aircraft. For fixed wing aircraft, the MSA is 1,000 feet above ground when over congested areas and 500 feet when not over congested areas. These MSAs apply to all fixed wing aircraft except when necessary for landing and takeoff operations. Helicopters are exempt from these altitude restrictions due to the nature of their flight. These minimum altitudes are enforced by the FAA Flight Standards District Office in San Jose, not by Palo Alto Airport. Palo Alto Airport cannot tell pilots when or where to fly; the Airport, however, does have voluntary noise abatement procedures that Palo Alto Airport recommends that pilots follow. (See the Noise Abatement Procedures section below.)

The Airport receives noise complaints via email at pao@cityofpaloalto.org and a noise complaint hotline 650-329-2405. Airport staff review and timely respond to all complaints, ascertaining information from complainants including contact information, date, time, and description of the occurrence. Various flight trackers can be used to help identify the aircraft involved and verify if FAA regulations or Palo Alto Airport procedures were violated. The Airport staff reviews and compiles all data to determine trends with flying activities.

Purpose:

The purpose of the Palo Alto Airport Annual Noise Report is to identify noise trends in the surrounding areas and determine compliance with established voluntary noise abatement procedures.



Palo Alto Airport Sectional Map
Palo Alto Airport in Green
PAO Airspace highlighted in Red
Source: http://vfrmap.com/?type=vfrc&lat=37.461&lon=-122.115&zoom=10

Airspace:

The Palo Alto Airport airspace is unique. The congested Bay Area airspace is dominated by SFO Class Bravo airspace, which encompasses a 30 nautical mile radius around SFO. Underneath the Class Bravo airspace lays the Class Charlie airspace of Oakland and San Jose international Airports. Finally, Moffett Airfield lies approximately 4 nautical miles to the southeast of Palo Alto Airport.

As a result, Palo Alto Airport airspace ends only 1.5 nautical miles southeast of the Palo Alto Airport's single runway (Runway 13/31). To land at Palo Alto Airport, aircraft must turn before entering Moffett's airspace, resulting in aircraft having to space themselves in traffic patterns over the peninsula when take-off/landing volumes peak. The FAA's Air Traffic Control Tower (ATCT) at Palo Alto Airport has a letter of agreement with Moffett's ATCT providing Palo Alto Airport aircraft with extensions into Moffett airspace when Moffett airfield is not in use. The additional airspace is a useful mitigation tool during busy times.

Further restrictions in Palo Alto Airport airspace come from San Jose Class C airspace, starting at 1,500 feet Mean Sea Level, just southeast of Palo Alto Airport and SFO Class B airspace, starting at 2,500 feet Mean Sea Level, just northeast of the Palo Alto Airport. Both are identified on the Palo Alto Airport Sectional Map: San Jose Class C is shown with thick magenta lines and SFO Class B is shown with thick blue lines. These restrictions play a vital role in aircraft departures, in turn influencing noise abatement procedures for the Palo Alto Airport.

Noise Abatement Procedures:

Noise abatement procedures are voluntary procedures that the Airport asks pilots to follow. The Airport is prohibited from restricting airspace. Palo Alto Airport staff will speak with individual pilots and educate them about the voluntary noise abatement procedures. The Palo Alto Airport cannot levy fines on pilots that violate the voluntary noise procedures. For illustrated noise abatement procedures reference Palo Alto Airport Pilots Handout included as **Attachment B**.

The noise abatement procedures depend on the runway that is in use at the time. Depending on weather patterns, aircraft can depart on Runway 31 to the northwest or Runway 13 to the southeast. Approximately 90% of the time, weather conditions require the use of Runway 31. Pilots are asked to not make a left crosswind departure from Runway 31, but instead make a "Left Dumbarton Departure" (fly to the Dumbarton Auto Bridge before making a left turn and flying over East Palo Alto) or a right 270 degree turn before departing to the south or west. When aircraft are using Runway 13, pilots are asked to make

a left 270-degree turn. In addition to these procedures, pilots are asked to climb to 1,500 feet or above ground before crossing Highway 101 and reduce power when safely able.

For arrivals, it is standard practice and necessary for pilots to descend to pattern altitude before entering the traffic pattern around PAO, sometimes requiring aircraft to descend below the 1,500 feet minimum of departing aircraft over Palo Alto. As these aircraft are descending to land the engines are generally powered back and quieter than ascending aircraft.

Airport staff continuously engages with tenants and pilots about the voluntary noise abatement procedures, always noting that safety always supersedes noise.

Findings:

The Palo Alto Airport remains one of the busiest general aviation Airports in the Bay Area with an average of 153,525 operations per year since 2014. Airport Operations for the calendar year of 2023 decreased 8% compared to the calendar year 2022. An operation is defined as either a takeoff or a landing and a touch-and-go procedure will account for two operations.

Table 1. Airport Operations for Palo Alto Airport

Year	Air Taxi	Military	Total	Year	Air Taxi	Military	Total
2004	619	12	199453	2014	1518	22	179900
2005	2397	28	184821	2015	1082	118	172132
2006	1932	17	176570	2016	708	52	153238
2007	1440	318	181883	2017	872	146	148769
2008	1697	280	174332	2018	760	133	146181
2009	1650	301	155556	2019	920	63	150266
2010	2077	6	158217	2020	620	45	112712
2011	1572	8	170389	2021	566	23	158568
2012	1700	16	176564	2022	636	37	163620
2013	1628	14	172653	2023	763	21	149859
AVG	1671.2	100	175043.8	AVG	844.5	66	153524.5

During the 2023 Calendar year, the Airport logged 256 total noise complaints from 23 households. **Table 2** shows the number of complaints by quarter and includes the totals from 2022.

Table 2. Complaints Received

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total 2023	Total 2022
Complaints	13	213	20	10	256	383
Households	3	9	7	7	23	33

Table 3 sorts the complaints logged into three sections. The first one is PAO which includes all complaints that involve aircraft that performed an operation at the Airport. The next section is General which includes complaints that did not include a specific aircraft or incident of noise. These complaints may or may not involve aircraft from PAO. The last section is Non-PAO, which include aircraft that are not based or did not operate at the Airport. These flights may include California Highway Patrol, Coast Guard, Air Taxis, Pipe

Surveys, Stanford Life Flight, Angel Flights, and or banner towing operations. Also included in Table 3 are the totals for 2022.

Table 3. Aircraft Association

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total 2023	Total 2022
PAO	4	211	16	5	236	337
General	0	0	0	4	4	14
Non-PAO	9	2	4	1	16	32

Table 4 below provides a detailed breakdown of the 256 complaints by City. Most complaints came from the City of Palo Alto, with 227 complaints logged from 8 household. One household in the City of Palo Alto provided 195 complaints as can be seen in Attachment C.

Table 4. PAO Noise Complaints by City

	Quarter 1		Quarter 2		Quarter 3		Quarter 4		Total 2023		Total 2022	
City	C	H	C	H	C	H	C	H	C	H	C	H
Cupertino							1	1	1	1	0	0
East Palo Alto			1	1	2	2	1	1	4	4	6	5
Los Altos			4	1					4	1	1	1
Menlo Park	9	1	3	1					12	2	5	4
Mountain View							1	1	1	1	0	0
Newark							1	1	1	1	1	1
Palo Alto	3	1	200	2	18	5	6	3	227	8	347	13
Pescadero											19	5
Pleasanton			2	1					2	1	1	1
Portola Valley	1	1							1	1	0	0
San Ramon											1	1
Santa Cruz											1	1
Sunnyvale			1	1					1	1	0	0
Unknown			1	1					1	1	1	1
Woodside			1	1					1	1	0	0
Total	13	3	213	9	20	7	10	7	256	23	383	33

Table 5 below shows the general type of aircraft identified as causing noise complaints at the Airport. There are 2 types of engines for aircraft utilizing PAO. The first is reciprocating which is similar to an automobile engine, and the second is turboprop which is a turbine engine with a propeller that produces thrust. Aircraft are further differentiated by “multi” and “single” which denotes the number of engines for the aircraft. As Table 5, shows single reciprocating aircraft produced the largest portion of noise complaints. This class of aircraft represents most of the fleet at PAO and usually consists of Cessna, Piper and Cirrus aircraft.

Table 5. Aircraft Type

	Helicopter	Multi-Reciprocating	Multi-Turboprop	Single-Reciprocating	Single-Turboprop	Unknown	Drone
2023 Complaints	1	3	4	127	7	101	9
2022 Complaints	15	10	10	241	9	98	0

Table 6 below shows the number of violations of the established noise abatement procedures. Airport staff makes every effort to talk to all pilots that violate these procedures, but it is difficult to talk to all transient pilots about noise abatement procedures. It is not the role of the FAA Air Traffic Control Tower to advise pilots of the noise abatement procedures, however, the City has developed a working relationship with the Air Traffic Control Tower (ATCT) and Air Controllers do advise pilots of the noise abatement procedures when they have the ability to do so.

Table 6. Observed Violations of Noise Abatement Procedures

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
Tenant	1	15	8	3	27
Transient	0	15	1	0	16
Unknown	0	0	1	0	1
Total	1	30	10	3	44
Complaints	13	213	20	10	256
Operations	29,707	43,115	42,507	34,530	149,859
% Compliance	99.997%	99.930%	99.976%	99.991%	99.971%

Attachment A

PAO Noise Contour Map

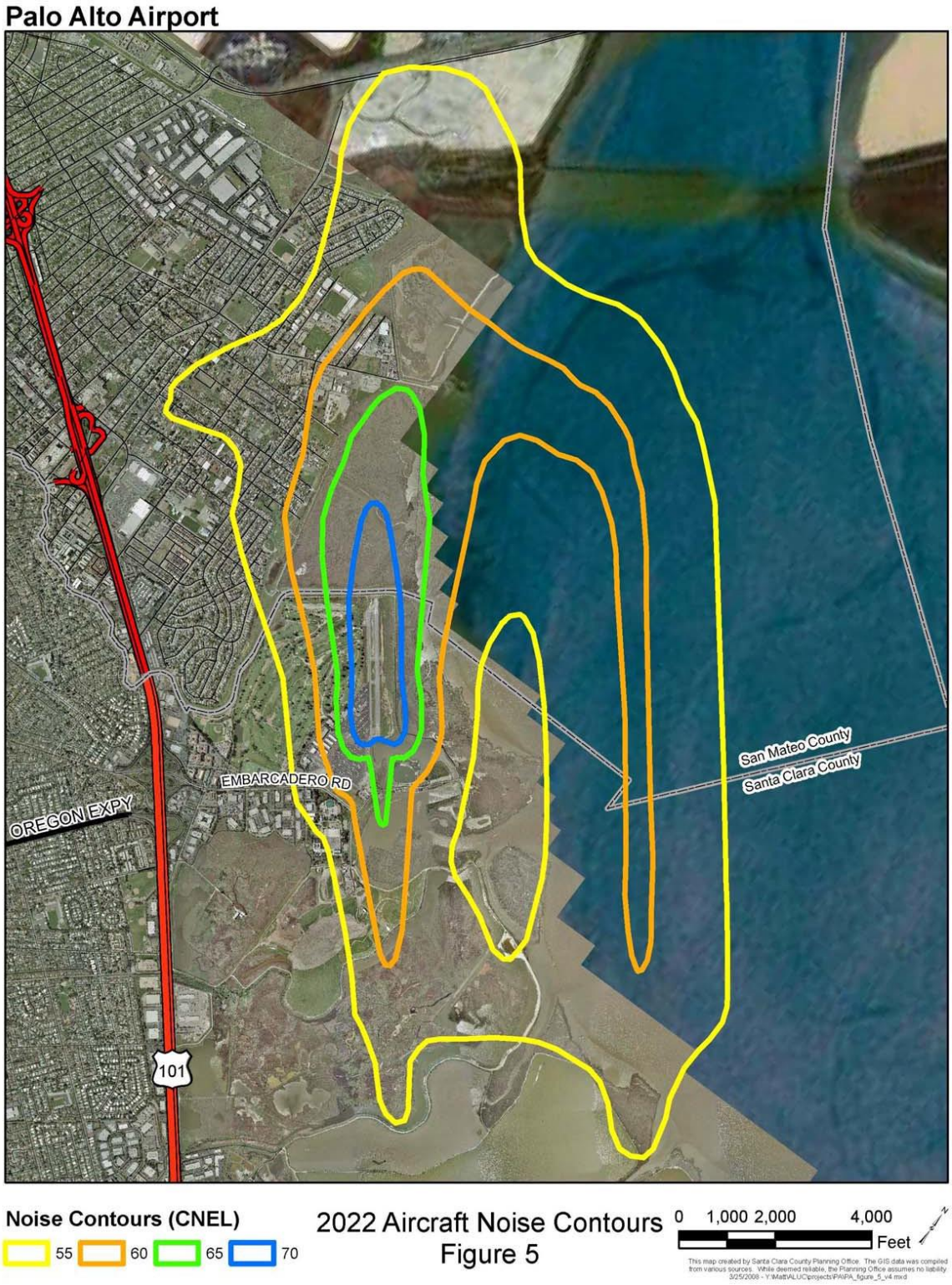
Following is a noise contour map for PAO, adopted by the Santa Clara County Airport Land Use Commission (SCC ALUC) in their 2008 Comprehensive Land Use Plan, reflecting the forecasted noise contours for Palo Alto Airport in 2022.

SCC ALUC used the Integrated Noise Model which considers airport altitude, mean temperature, runway configuration, aircraft flight track definition, aircraft departure and approach profiles, aircraft traffic volume and fleet mix, and flight track utilization by aircraft types. All data is entered into the CNEL formula to prepare the noise contours for Palo Alto Airport.

The 65 decibel (db) noise level of the Airport extends beyond the airport boundaries, but is only over Palo Alto Golf Course, Palo Alto Baylands Nature Preserve, and the salt marshes in San Mateo County.

Refer to https://stgenpln.blob.core.windows.net/document/ALUC_PAO_CLUP.pdf, for a more detailed description of how the SCC ALUC prepared this map.

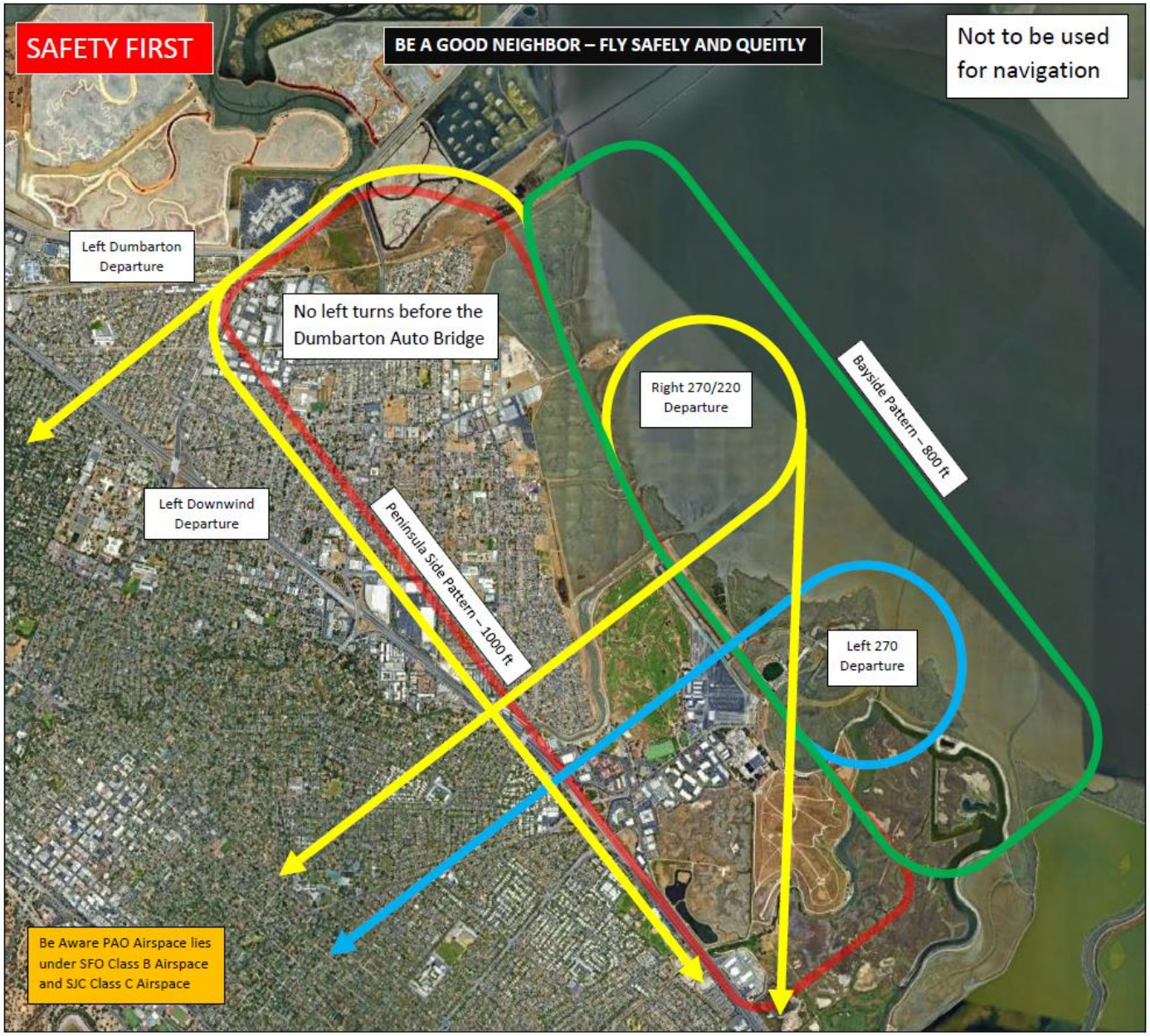
2022 Forecasted Palo Alto Airport Noise Con



Attachment B

PAO Pilot Handout

Santa Clara County created a Pilot Handout for Palo Alto Airport that described the noise abatement procedures. When the City of Palo Alto assumed control of the Airport, the existing noise abatement procedures were adopted, with one exception, “pilots must maintain 1,500 feet or above across Highway 101” was replaced with “Aircraft are asked to climb to and maintain at least 1,500 feet before crossing Highway 101.” The change is consistent with the voluntary nature of noise abatement procedures as Airports are Federally prohibited from instructing pilots how to fly.



PAO Noise Abatement Procedures

Please fly neighborly and be aware of the surrounding communities. There are noise sensitive areas to the West and South of the Airport. **Aircraft are asked to climb to and maintain at least 1500 feet before crossing Hwy 101.**

Fly over the bay whenever possible.

Please use reduced power settings whenever safely possible to reduce noise impacts. Even a reduction in 200 RPM can significantly reduce noise.

Preferred Noise Abatement Procedures

Runway 31

Left Dumbarton Departure

When departing RWY 31 turn right 10° on takeoff and climb over the bay. Fly to the Dumbarton Auto Bridge before making a left turn to fly over the peninsula or to the South. Cross Highway 101 at or above 1500 feet.

Right 270°/220° Departure

After take off climb over the bay while making a 220° turn to the South or 270° turn to the West. Cross Hwy 101 at or above 1500 feet.

- Clearly make request to PAO ATCT the desire to make a 220° or 270 turn. ATCT will deny all right downwind departures.

Runway 13

Left 270° Departure

After takeoff turn left and climb over the bay while making a 270° turn to the West. Cross over Highway 101 at or above 1500 feet.

PAO General Information

Bayside Pattern Altitude – 800 feet
Peninsula Side Pattern Altitude – 1000 feet
ATCT Hours of Operation – 0700 – 2100 hrs
ACT / CTA Frequency – 118.600
ATC Ground Frequency – 125.000
ATIS Frequency – 135.275
Fuel Frequencies – 122.85 or 122.95
Airport Operations Phone Number – (650) 690-5992

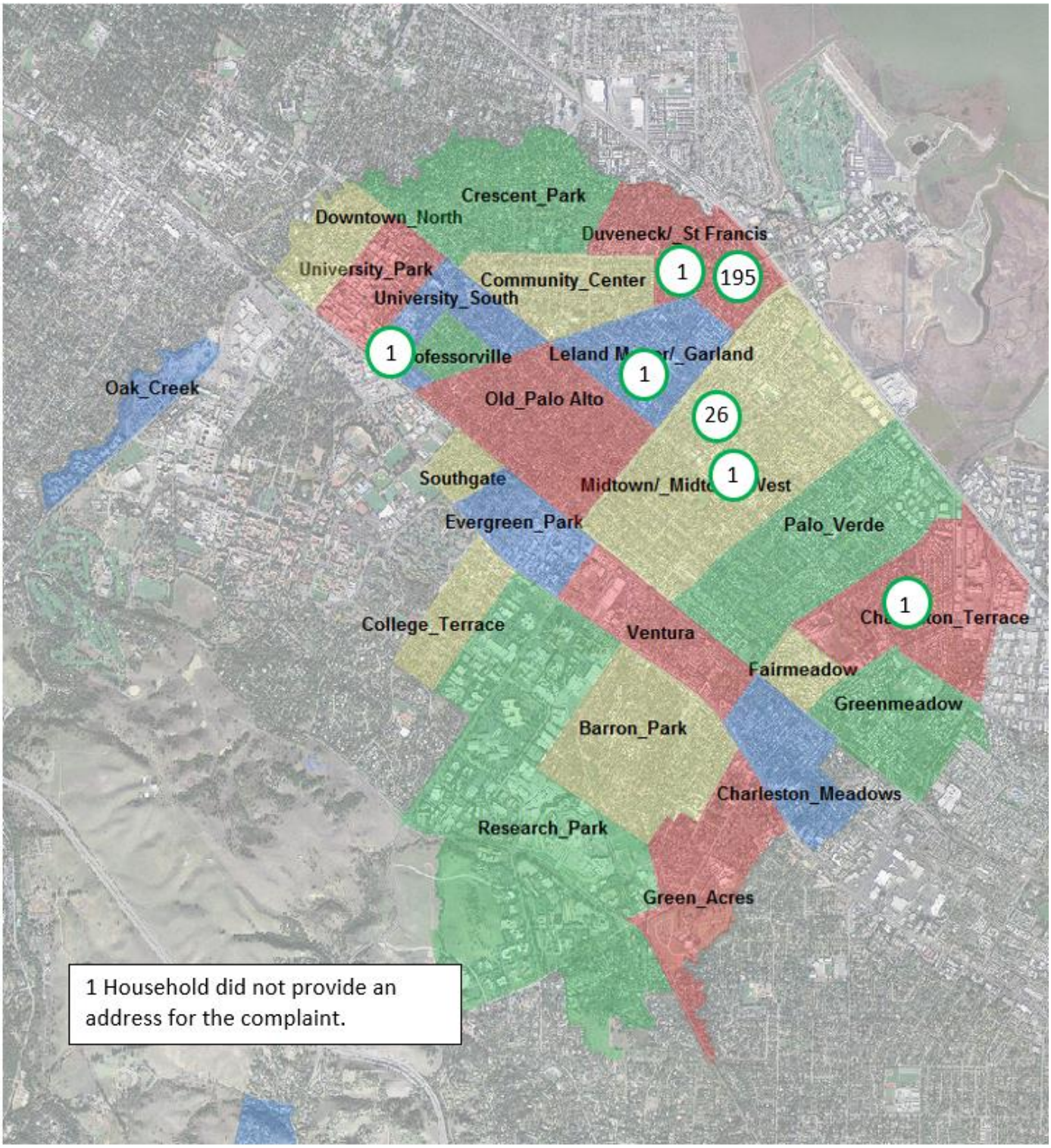
Caution

The Palo Alto Baylands preserve is located immediately to the north-east of the airport. Watch for birds on or near the airport.

ATCT DIRECTION SUPERSEDES NOISE ABATEMENT

Attachment C

Map of Palo Alto Households

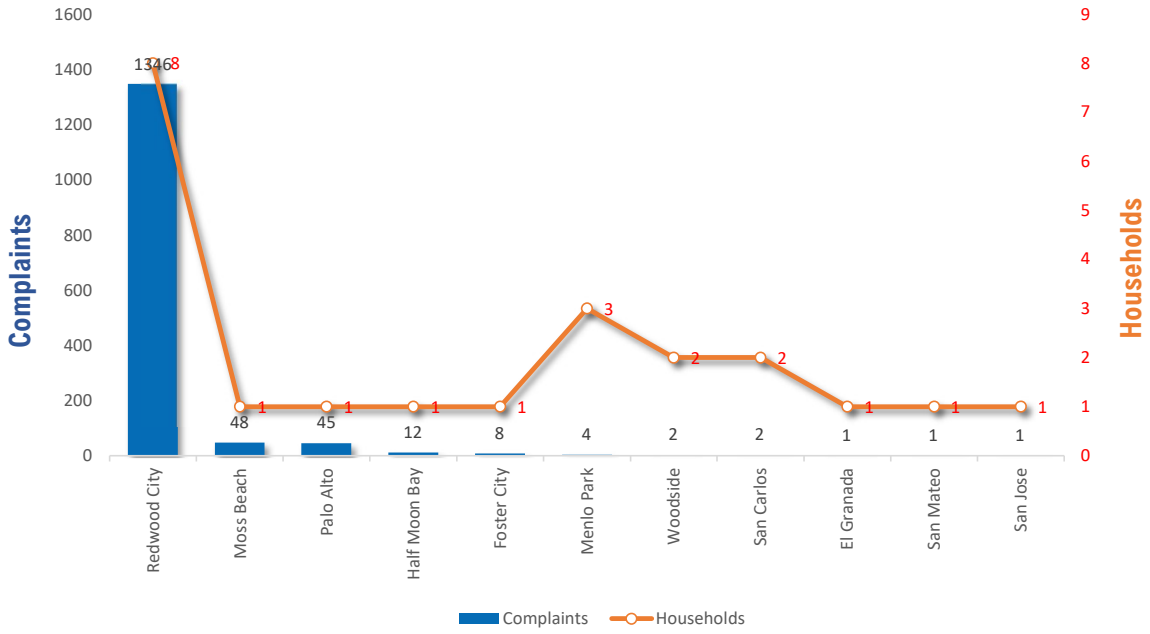


SAN MATEO COUNTY AIRPORTS

COMPLAINT REPORT *NOV - JAN 2024*

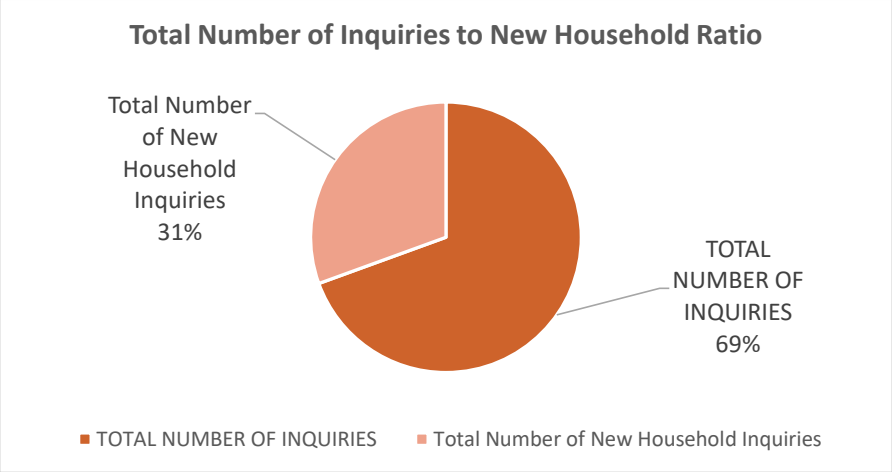
3-Month Totals & Trends

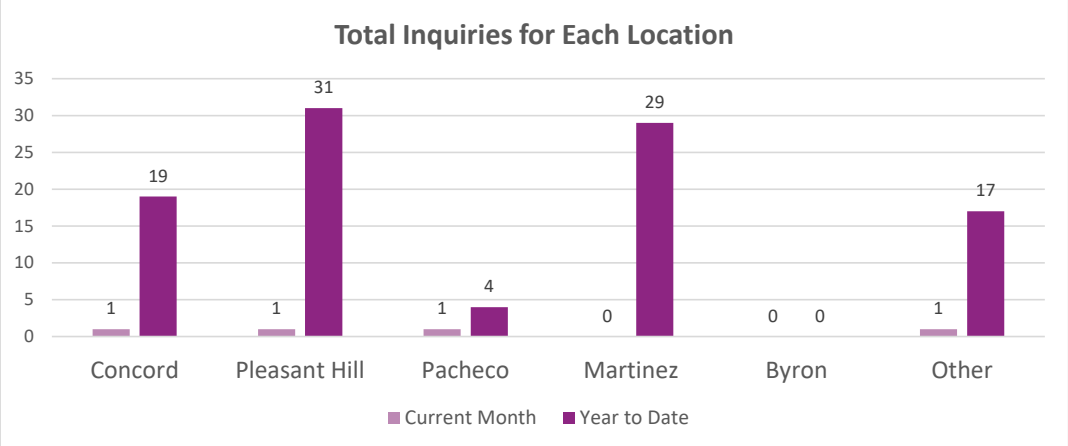
22	1,470	730
Households	Comments	YTD

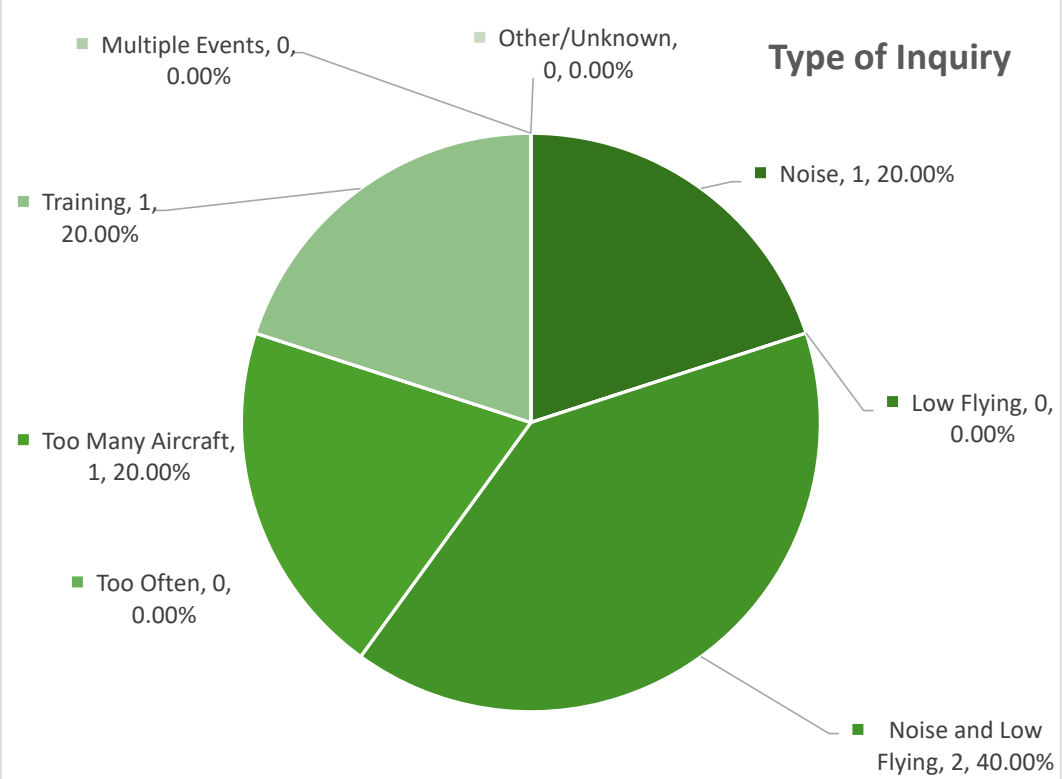


CITY	COMPLAINTS	HOUSEHOLDS	COMPLAINTS/ HOUSEHOLD
Redwood City	1,346	8	168.3
Moss Beach	48	1	48.0
Palo Alto	45	1	45.0
Half Moon Bay	12	1	12.0
Foster City	8	1	8.0
Menlo Park	4	3	1.3
Woodside	2	2	1.0
San Carlos	2	2	1.0
El Granada	1	1	1.0
San Jose	1	1	1.0
San Mateo	1	1	1.0
Totals	**1,470**	**22**	**66.8**

Noise Abatement Charts Dec-24







Noise Abatement Statistics

Dec-24

	# Of Callers	Inquiries		YTD	YTD	% CHANGE
	2024	2024	2023	2024	2023	
TOTAL NUMBER OF INQUIRIES	**4**	**4**	**10**	**100**	**112**	**-11%**
Total Number of New Household Inquiries	**1**	**1**		**44**		
LOCATION OF INQUIRIES						
Concord	1	1	3	**19**	**20**	**-5%**
Pleasant Hill	1	1	5	**31**	**38**	**-18%**
Pacheco	1	1	0	**4**	**2**	**0%**
Martinez	0	0	2	**29**	**44**	**-34%**
Byron	0	0	0	**0**	**0**	**0%**
Other	1	1	0	**17**	**8**	**113%**
Subtotal	4	4	10	**100**	**112**	**-11%**
Special Events	0	0	0	**0**	**0**	**0%**
Total Number of Inquiries	**4**	4	**10**	**100**	**112**	**-11%**
INQUIRIES ASSOCIATED WITH						
Buchanan Field Airport		3	9	**82**	**104**	
Byron Airport		1	0	**1**	**0**	
Law Enforcement/Life		0	0	**8**	**2**	
Military		0	0	**10**	0	
Non-associated		0	1	**13**	**6**	
TIME OF INCIDENT						
Day (0700 - 1700)		3	4	**72**	**90**	
Evening (1700 - 2200)		0	0	**12**	**2**	
Night (2200 - 0700)		1	5	**13**	**15**	
All Times		0	1	**2**	**5**	
TYPE OF INQUIRY						
Noise		1	7	**44**	**74**	
Low Flying		0	0	**11**	**10**	
Noise and Low Flying		2	2	**33**	**17**	
Too Many Aircraft		1	1	**5**	**9**	
Too Often		0	0	**0**	0	
Training		1	0	**17**	0	
Multiple Events		0	0	**0**	0	
Other/Unknown		0	0	**8**	**2**	
TYPE OF AIRCRAFT						
Jet		0	5	**13**	**31**	
Single Engine		0	3	**41**	62	
Multi Engine		2	0	**9**	0	
Helicopter		2	0	**21**	**5**	
UAS		0	0	**0**	0	
All Types		0	1	**0**	**5**	
Unknown		0	1	**11**	**9**	
TOTAL AIRCRAFT OPERATIONS		5,995	6,895	**93,528**	**100,654**	**-7%**
INQUIRIES PER 10,000 OPERATIONS		7	15	11	11	**-4%**
INQUIRIES PER 10,000 OPERATIONS - BUCHANAN ONLY		5	13	9	10	**-15%**