



CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

AGENDA

August 2, 2023

6:30 p.m. – 8:30 p.m.

Centennial Airport, 7565 S. Peoria Street, Unit D9, Englewood, CO 80112

**Members' Representatives and Alternate Representatives are requested to attend all meetings in person.
Members of the public may attend meetings in person, or virtually.**

CACNR Mission: Utilizing Partnerships to Reduce Airport Noise for the Benefit of Neighboring Communities

Chair: Brad Pierce Vice Chair: Paul Krier Treasurer: Andy Jones Secretary: Alison Biggs

1. CALL TO ORDER AND DETERMINATION OF QUORUM:

<i>Arapahoe County:</i>	Leslie Summey/Vacant	<i>Foxfield:</i>	Pam Thompson/Frank Lawrence
	Paul Krier/Evan Colvin	<i>Greenwood Village:</i>	Donna Johnston/Libby Barnacle
<i>Douglas County:</i>	Abe Laydon/Dan Avery	<i>Highlands Ranch Metro Dist.</i>	Andy Jones/Renee Anderson
	Alison Biggs/Mark Adams	<i>Lone Tree:</i>	Mike Anderson/Chuck Darnell
<i>Aurora:</i>	Brad Pierce/Mindy Parnes	<i>Parker:</i>	Ashley Chasez/Vacant
<i>Castle Pines:</i>	Chris Eubanks/Ben Price	<i>ACPAA:</i>	Michael Fronapfel/Vacant
<i>Castle Rock:</i>	Laura Cavey/Sandy Vossler	<i>AOPA:</i>	John Hirshman/Vacant
<i>Centennial:</i>	Candace Moon/Don Sheehan	<i>CABA:</i>	Don Kuskie/Mike Straka
<i>Cherry Hills Village</i>	Robert Eber/Randy Weil	<i>CDOT Aeronautics Div:</i>	Todd Green/Vacant
		<i>Wings Over the Rockies:</i>	Bill Wasmund Jordan Ashley

2. CONSENT AGENDA: (items here may be moved to Agenda Item #3, on the request of any CACNR Representative)

- A. DRAFT MINUTES,, June 7, 2023 – Alison Biggs, Secretary
- B. TREASURER'S REPORTS, June & July 2023 – Andy Jones, Treasurer
N.O.I.S.E. 7/11/223 INVOICE
- C. NOISE REPORTS, May & June 2023 – Samantha Blymyer, ACPAA Staff

3. ITEMS REMOVED FROM CONSENT AGENDA:

4. PUBLIC COMMENT: (3 minutes per person time limit)

- A. RECEIVED BY CACNR
- B. MEETING ATTENDEES

5. CACNR STUDY GROUP COMMITTEE:

6. EXECUTIVE COMMITTEE:

- A. CACNR REPRESENTATIVE TO ACPAA MEETING ON AUGUST 10, 2023
- B. RETREAT PLANNING
- C. FAA NOISE POLICY REVIEW
- D. FAA REAUTHORIZATION ACT OF 2023
 - 1. Jason Crow Newsletter
- E. CHRIS EUBANKS COMMUNICATION
- F. ALISON BIGGS INQUIRY

7. COMMITTEE REPORTS:

- A. COMMUNITY OUTREACH – Mike Anderson, Chair
- B. FLY QUIET – Don Kuskie for Chair Bill Wasmund
- C. NOISE MONITORS – Candace Moon, Chair
 - 1. Reports of Portable Noise Monitors in Louviers & Greenwood Village

8. **OTHER REGULAR REPORTS:**
 - A. ACPAA June 8,, 2023 – Andy Jones
 - B. AIRPORT DIRECTOR – Mike Fronapfel
 1. Flight School Activity
 2. Fuel Sold – How Much Sold/What Kind
 3. Community Related Activity
 4. Part 150 Study/Mead and Hunt Scope of Work
 5. Other Airport Activity
 6. Legislative
 7. Status of Follow Up Items
 - C. FLIGHT SCHOOLS:
 1. Aspen Flying Club – Justin Mazza
 2. ATP – John Herman
 3. Flights Inc. – Kimber Bauer
 4. Independence Aviation – Jason Ahbe
9. **FAA REPORTS:**
10. **OLD BUSINESS:**
11. **NEW BUSINESS:**
 - A. INFORMATION SHARING
 1. NextGen Advisory Committee June 12, 2023 Meeting Agenda – Brad Pierce
 2. 2024 UC Davis Aviation Noise & Emissions Symposium
 3. 2023-2024 CACNR Attendance Record
12. **PUBLIC COMMENT:** (3 minutes per person time limit):
13. **NEXT MEETINGS:**

A. CACNR –	September 6, 2023	6:30 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
	October 4, 2023	6:30 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
	November 1, 2023	6:30 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
	December, 2023	NO MEETING
B. ACPAA –	August 10, 2023	3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
	September 14, 2023	3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
	October 12, 2023	3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
	November 9, 2023	3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
	December 14, 2023	3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
14. **ADJOURN:**



CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE
MINUTES
June 7, 2023
DRAFT

VISION – QUIETER SKIES FOR OUR COMMUNITIES

MISSION – UTILIZING PARTNERSHIPS TO REDUCE AIRPORT NOISE FOR THE BENEFIT OF NEIGHBORING COMMUNITIES

Chair: Brad Pierce **Vice Chair:** Paul Krier **Treasurer:** Andy Jones **Secretary:** Alison Biggs

1. **CALL TO ORDER, ROLL CALL, and QUORUM:** The meeting was called to order at 6:35 p.m. by Chair Brad Pierce. The following were in attendance, and a quorum was present:

Douglas County:	Dan Avery	Greenwood Village:	Donna Johnston
Douglas County:	Alison Biggs	Highlands Ranch:	Andy Jones
Aurora:	Brad Pierce	Lone Tree:	Mike Anderson
Castle Pines:	Chris Eubanks	ACPAA:	Mike Fronapfel
Centennial:	Candace Moon	AOPA:	John Hirshman
Foxfield:	Pam Thompson (virtual)	Wings Over the Rockies:	Bill Wasmund

Others in attendance were ACPAA staff Samantha Blymyer, Chris Thompson, and Lauren Wiarda.

Those absent were:

Arapahoe County:	Leslie Summey	Parker:	Ashley Chasez/Vacant
Arapahoe County:	Paul Krier	CABA:	Don Kuskie/Mike Straka
Castle Rock:	Laura Cavey/Sandy Vossler	CDOT Aeronautics Div:	Todd Green/Vacant
Cherry Hills Village:	Robert Eber/Randy Weil		

2. **CONSENT AGENDA:** The Consent Agenda included the Draft CACNR Minutes from May 3, 2023; the Treasurer’s Report from June 2, 2023, showing a balance of \$30,575.35; and the April 2023 Noise Report. On the motion of Andy Jones, duly seconded, the Consent Agenda was approved.

The April 2023 Noise Report included the following information:

April Local Operations:	16,980	April Total Operations:	30,411
Year to Date Local Operations:	56,396	Year to Date Total Operations:	106,687

30,411 Total Operations in April resulted in 680 complaints from 60 households.

April Noise Events:

<u>April Total:</u>	<u>April 60 – 69 db:</u>	<u>April 70 – 79 db:</u>	<u>April 80 – 89 db:</u>
Golf Course 9,701	Meridian 5,774	Golf Course 3,802	Airport East 1,063
Meridian 7,065	Golf Course 5,616	Airport East 1,815	Golf Course 299
Airport East 5,113	Airport East 2,165	Meridian 1,248	Meridian 39
State Park 2,186	State Park 1,618	State Park 558	State Park 10
Grandview Estates 1,673	Grandview Estates 1,515	Parker 184	Lone Tree 8
Parker 1,618	Parker 1,434	Grandview Estates 151	Grandview Estates 7
Lone Tree 1,053	Lone Tree 988	Greenwood Village 133	Greenwood Village 6
Greenwood Village 1,041	Greenwood Village 902	Lone Tree 53	Hunters Hill 2
Castle Rock 838	Castle Rock 838	Hunters Hill 42	Castle Rock 1
Hunters Hill 214	Hunters Hill 377	Castle Rock 31	Sagebrush Park 1
Sagebrush Park 120	Sagebrush Park 113	Castle Pines 7	Castle Pines -
Castle Pines 114	Castle Pines 107	Sagebrush Park 6	Parker -

April Noise events in the 90+ decibel range: Airport East – 70 Castle Rock – 18 Golf Course – 14 Lone Tree – 4 Meridian – 4

April Noise Complaints and Numbers of Households:

(680) (60)

YTD Complaints & Number of Households:

(2,538) (149)

Noise Complaints:

Unincorporated Arapahoe County	376 (55 %)
Greenwood Village	139 (21%)
Centennial	66 (10%)
Unincorporated Douglas County	36 (5%)
Parker	33 (5%)

Number of Households:

UAC	30 (50%)
Greenwood Village	11 (18%)
Other	6 (10%)
UDC	4 (7%)
Parker	2 (3%)

Noise Complaints:

UAC	1,194 (47%)
GW Village	829 (33%)
Centennial	241 (9%)
UDC	95 (4%)
Castle Rock	63 (3%)

Households:

UAC	72 (48%)
GV	34 (23%)
Other	12 (8%)
UDC	6 (4%)
Parker	6 (4%)

(Continued...)

<u>Noise Complaints:</u>		<u>Number of Households:</u>		<u>Noise Complaints:</u>		<u>Households:</u>	
Other	12	Castle Rock	2	Other	49	Centennial	5
Castle Rock	11	Lone Tree	2	Parker	38	Castle Rock	4
Aurora	3	Aurora	1	Aurora	14	Lone Tree	4
Lone Tree	3	Centennial	1	Highlands Ranch	7	Aurora	3
Highlands Ranch	1	Highlands Ranch	1	Lone Tree	6	Highlands	3
Castle Pines	0	Castle Pines	0	Castle Pines	2	Castle Pines	2
Cherry Hills Village	0	Cherry Hills Village	0	Cherry Hills Village	0	Cherry Hills V	0
Denver	0	Denver	0	Denver	0	Denver	0

Year to Date, the top five household complaints were:

Household #1	538	Greenwood Village	Household #4	151	Unincorporated Arapahoe County
Household #2	327	Unincorporated Arapahoe County	Household #5	80	Unincorporated Arapahoe County
Household #3	235	Centennial			

In April, 34 responses were requested from 680 noise complaints, with 27 of those requests made by email (79%), and 7 made by telephone (21%).

In April, 627 complaints were made about **daytime flights** (7:00 a.m. – 9:59 p.m.) – 92%.
53 complaints were made about **nighttime flights** (10:00 p.m. – 6:59 a.m.) – 8%.

In April, props accounted for **93% of the complaints by aircraft type**; **jets** accounted for **6% of the complaints**, and **helicopters** caused **1%**.

In April, training was responsible for 61% of the complaints; **departures** were responsible for 26% of the complaints, and **arrivals** were responsible for 13% of the complaints.

The April Complaint Map and an April Radar Track Density Map were provided.

3. **ITEMS REMOVED FROM THE CONSENT AGENDA:** None

SPECIAL GUEST: Louis Dupart, a Founding Partner of the Normandy Group, joined CCNR. The firm is a lobbying group that is based in Washington, D.C. and has been retained by ACPAA, Arapahoe County and Greenwood Village to work to achieve the creation of the technical working group/committee here. It has worked with the FAA for over 20 years, and is familiar with Governor Polis and his staff, both of Colorado’s Senators, and Congressman Crow. He had also met with Quiet Skies Over Arapahoe County, so was familiar with that group.

Question was asked if there was a timeline for achieving the creation of the committee. Dupart reviewed some of the meetings and communications which had been held with the involved parties, and noted the meeting with Grady Stone should be considered a win. Dan Avery noted Douglas County’s D.C. staff has been briefed about what has been going on and will help when requested. All would just need to keep pushing the FAA, both here and in D.C., in order to move forward.

It was noted the next nominee to head the FAA would also need to be educated about what has and is going on related to Centennial Airport and its surrounding citizens.

SPECIAL PRESENTATION: Robert Olislagers attended the meeting virtually, to discuss the FAA’s Eliminate Aviation Gasoline Lead Emissions (EAGLE) initiative to eliminate leaded aviation fuels in piston-engine aircraft by the end of 2030 or sooner. He referred to the interest and involvement of many stakeholders and noted the progress made here at Centennial Airport. He provided a history of lead use and how long it took to eliminate the use of lead in automobile gasoline. A time line for reaching the goal for aircraft was provided, with the unknowns being the completion of regulations and the actual implementation of those regulations.

4. **PUBLIC COMMENT:** Chair Pierce opened the meeting for public comment. There were approximately 25 in attendance and another 23 on line. The majority of those commenting were from Greenwood Village, Sundance Hills in Greenwood Village, Centennial, and Louviers. Comments are summarized below:

Although there was some recognition of progress being made to get the FAA to the table, it was also recognized that many members of the public were tired of talking about the problems and were running out of new things to say. Accordingly, a new non-profit group had been formed called Safe Skies Colorado which is soliciting donations to support litigation if needed to reach a solution about flight school noise.

In response to a comment from a prior meeting about the need for pilot training, communities should not have to suffer because of it. Companies are making a profit and the communities are suffering. There was concern the number of flights was going up, not a desired direction to help our communities. There was some notice of pattern changes with fewer planes in the Louviers area – difficult to pinpoint, but things were different.

There was concern about the restrictions put on the airport due to its acceptance of Federal grant monies with the related grant assurances. There was also concern again about the use of unleaded fuel and a demand was made for its use to be banned immediately; a desired admission by the airport that the public is being so poisoned by its use that emergency intervention is required; and reference to a recent California study related to the brain damage done to children by lead exposure. Question was asked about what emergency intervention was envisioned, and what kind of result was anticipated. A request was made for CACNR to receive a monthly report of how much of what kind of fuel had been sold at the airport.

A question was raised about the purpose of CACNR, given that it has no power to implement anything and can only recommend ideas to ACPAA or others. Question was also raised about the purpose of the airport. This led to a question about how soon a date would be forthcoming for the CACNR retreat, and a suggested focus of the retreat to be the value of CACNR.

Comment was made that CACNR does have value. All understand the problem, but there are so many factors involved it is hard to enact change addressing all of them immediately. Complaints can go on forever and concerns can be elevated, but data needs to be utilized to help seek solutions. There was concern that some members of the public seemed to feel they have been treated poorly by CACNR because it cannot solve the problems immediately and things seemed to have gotten worse.

5. EXECUTIVE COMMITTEE:

A. CACNR REPRESENTATIVE TO ACPAA MEEETING on June 8,, 2023 – Andy Jones agreed to attend again.

B. FAA PUBLIC COMMENT PERIOD ON NOISE POLICY REVIEW – Jason Schwartz would assist in the crafting of a CACNR comment for submission.

C. RETREAT PLANNING – Jason Schwartz was available to facilitate another retreat and planning with him was proceeding. Representatives were requested to get their ideas for topics to be considered sent to the Executive Committee as soon as possible.

D. OTHER – On the Treasurer’s Report, it was noted that there had been a change in the carry over from 2022. Samantha Blymyer had discovered a \$540 refund from the UC Davis event had not been properly credited to CACNR, and she had rectified the situation. She was thanked for being so alert!

6. OTHER COMMITTEE REPORTS

A. COMMUNITY OUTREACH – Efforts continued to address the Committee’s items in the Work Program. However, most of the work with the FAA was presently being conducted by other segments of CACNR. The website was in a state of being updated on a regular basis.

B. FLY QUIET – A written report had been provided in the pre-meeting mailing. The fly quiet signs had been approved by ACPAA for the new tarmac run-up signs. Initial work was being done for the creation of a video to put on the CACNR website.

C. NOISE MONITORS – The Committee had held a virtual meeting on June 5. It requested the portable noise monitor be left at its current location in Greenwood Village for at least the next ninety days. The second portable monitor was available for placement if another request was made during that time. It had been estimated the cost of adding a noise monitor would be in the \$40,000 range. A suggested area would be northwest of the airport.

Samantha Blymyer reviewed the results of the most recent data from the monitor in Greenwood Village. The full report had been included in the pre-meeting mailing. (DNL is a 24-hour average sound level.)

	<u>Aircraft DNL</u>	<u>Community DNL</u>	<u>Total DNL</u>	<u>Average of all peak noise levels for a single aircraft noise event</u>
January	42.4	48.9	50.1	65.2 dB
February	43.4	49.5	51.0	65.9 dB
March	44.0	49.4	50.8	65.6 dB
April	45.1	50.7	52.0	65.8 dB

The report had also included the total number of noise events at the portable monitor from both Centennial and Non-Centennial aircraft; the number of community noise events at the portable monitor, and the number of Centennial-associated aircraft within one mile of the portable monitor for the duration of each month’s stay. Finally, noise event comparisons were provided between the portable monitor and each of the 12 permanent monitors for each month.

7. FAA REPORTS/COMMENTS: None.

8. OTHER REGULAR REPORTS:

A. ACPAA APRIL 13, 2003 – Andy Jones had attended for CACNR, and his report to ACPAA was provided.

B. AIRPORT DIRECTOR’S REPORT –

1. Unleaded Fuel – 15% of all fuel sold at Centennial Airport is now UL94 unleaded aviation gasoline. ACPAA continues its support for aircraft achieving the required certification to use that fuel, and for making the fuel available in a cost effective manner. Centennial is the first airport in the state to do so, and nearly 20-percent of eligible aircraft and 80-percent of flight school aircraft at the airport have secured the supplemental type certificates to use the UL94 unleaded avgas..

2. Technical Working Group – There had been a meeting with Grady Stone, FAA Regional Administrator Northwest Mountain Region, and it appeared there might be some progress in getting a meeting of the Technical Working Group soon. Letters continue to go from those supporting CACNR’s and ACPAA’s efforts.

- 3. Part 150 Study Scope of Work – this will go to ACPAA in August.
- 4. Flight School Activity – Meetings continue with the flight schools, with the next coming up this month.1
- C. FLIGHT SCHOOLS – none.

9. **OLD BUSINESS:**

A. **REPORTS FROM UC DAVIS** – Ashley Chasez had submitted a written report, and Chris Eubanks provided further comments. Both seemed to feel that this year’s program had more focus on issues from the perspective of large commercial airports rather than general aviation airports. However, Chasez noted it was nice to know that we are not alone in trying to address the issues we face, as others around the country are dealing with them as well. They agreed the first day had been the most helpful for first-time attendees.

10. **NEW BUSINESS:**

A. **INFORMATION SHARING** –

- 1. A copy of the 2023-2024 CACNR Work Program had been provided in the mailing for everyone.
- 2. A copy of the most current CACNR Attendance Record had been provided in the mailing for everyone.
- 3. The report of the portable noise monitor from Louviers would be available for the CACNR August meeting.
- 4. Request was made for ACPAA to regularly bring CACNR a report of what it had been doing; it would be appreciated if an ACPAA member would attend CACNR meetings, much the same as a CACNR Representative attends ACPAA meetings. As an example of something of interest to CACNR, it would be useful for CACNR to have a presentation about the plans for the new control tower, the desired utilization of it, and the preferred outcome(s) of that project. If additional flights and the accompanying noise are envisioned, the neighborhoods should be made aware now.

11. **PUBLIC COMMENT:**

The suggestion was again made that the airport initiate a social media campaign. There was also reinforcement of the idea that those wanting to make specific comments or request technical information could contact their CACNR Representative instead of waiting for a meeting.

12. **NEXT MEETINGS:**

A. CACNR – July 2023		NO MEETING
August 2, 2023		6:30 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
September 6, 2023		6:30 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
October 4, 2023		6:30 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
November 1, 2023		6:30 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
December, 20223		NO MEETING
B. ACPAA – June 8, 2023		3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
July 2023		NO MEETING
August 10, 2023		3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
September 14, 2023		3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
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December 14, 2023		3:00 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO

13. **ADJOURNMENT:** The meeting was adjourned at 9:06 p.m.

Alison Biggs, Secretary

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE		2023 BUDGET - Approved October 5, 2022; Updated as of 7/28/23		
		BUDGET	ACTUAL	
INCOME:			as of 07/28/23	NOTES
CARRY OVER FROM PRIOR YEAR		\$ 23,000.00	\$23,791.15	Carry over from 2022
ACPAA		\$ 10,000.00	\$10,000.00	
CACNR REGULAR MEMBERS		\$ -		Members not invoiced for 2023 due to amount of carry over available
TOTAL INCOME:		\$ 33,000.00	\$33,791.15	
EXPENDITURES:				
WORK PROGRAM:				
COMMUNITY OUTREACH		\$ 2,000		WebsiteUpdating and Maintenance
		\$ 5,000		MediaOutreach Project
FLY QUIET		\$ 1,000		Placeholder for Projects tbd
NOISE MONITOR		\$ 1,000		Exploration of desired data and software for 2024
EXECUTIVE/WORK PLAN		\$ 500		Orientation Manual, Annual Report
EDUCATION				
2 Reps to UC Davis Symposium		\$ 5,000	\$3,215.80	Symposium to be at UC Davis; estimate based on prior symposiums
2 Reps to 2 N.O.I.S.E. Conferences		\$ 4,000		based on prior years on-site conferences
CONSULTATION/ TASK SUPPORT		\$ 3,000		Projects with Jason Schwartz
MEMBERSHIP DUES		\$ 1,000	\$1,000.00	N.O.I.S.E.
ADMINISTRATIVE		\$ 1,000		Part time secretarial assistance
		\$ -		Legal
RESERVE		\$ 9,500.00		for presently unidentified and unanticipated expenses and/or work CACNR activities consistent with the approved Work Plan.
TOTAL EXPENDITURES:		\$ 33,000.00	\$4,215.80	
CARRY OVER TO 2024		\$ -	\$29,575.35	Actual to be determined at the end of 2023
** Usually includes registration, travel, ground transportation, lodging, meals.				
FRAME OF REFERENCE: The MOU Funding Structure adopted 12/13/2018 called for an initial two-year funding mechanism. "Thereafter, CACNR will provide ACPAA and each Regular Member with a report on the previous year's expenditures, and an annual invoice accompanied by a proposed budget indicating how the requested funds would be utilized, so that funds could be appropriated for the coming year."				

PHIL WEISER
Attorney General

NATALIE HANLON LEH
Chief Deputy Attorney General

SHANNON STEVENSON
Solicitor General

TANJA WHEELER
Associate Chief Deputy Attorney
General



**STATE OF COLORADO
DEPARTMENT OF LAW**

RALPH L. CARR
COLORADO JUDICIAL CENTER
1300 Broadway, 10th Floor
Denver, Colorado 80203
Phone (720) 508-6000

Office of the Attorney General

July 18, 2023

The Honorable Michael S. Regan
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Ave., NW
Washington, DC 20460
VIA ELECTRONIC MAIL: a-and-r-docket@epa.gov

RE: Comment on Proposed Finding That Lead Emissions From Aircraft Engines That Operate on Leaded Fuel Cause or Contribute to Air Pollution That May Reasonably Be Anticipated To Endanger Public Health and Welfare

Dear Administrator Regan:

I write in support of the proposed federal action by the U.S. Environmental Protection Agency (“EPA”), “Proposed Finding That Lead Emissions From Aircraft Engines That Operate on Leaded Fuel Cause or Contribute to Air Pollution That May Reasonably Be Anticipated To Endanger Public Health and Welfare.”¹

On January 17, 2023, the EPA received a formal comment from the attorneys general of California, Connecticut, District of Columbia, Maryland, Massachusetts, Minnesota, New Jersey, New York, Oregon, Pennsylvania, Vermont, and Wisconsin.² I fully support the comment submitted by the attorneys general and am aligned with their goals of greater environmental protections for adults and children impacted by air pollution due to leaded aviation gasoline in piston-engine planes.

As you are aware, according to the EPA, lead exposure poses harms to nearly every organ and bodily system. And young children and pregnant women are at

¹ Proposed Finding That Lead Emissions From Aircraft Engines That Operate on Leaded Fuel Cause or Contribute to Air Pollution That May Reasonably Be Anticipated To Endanger Public Health and Welfare, 87 Fed. Reg. 62753 (proposed Oct. 17, 2022).

² Letter from State Attorneys General to Administrator Michael Regan, U.S. Environmental Protection Agency (Jan. 17, 2023), https://ag.ny.gov/sites/default/files/multistate_comment_letter_re_epa_proposed_endangerment_finding_for_avg_as_01-17-23.pdf.

particularly high risk to the effects of lead.³ The harmful effects of lead have been well-known for years and government agencies at the local, state, and federal levels have prioritized ensuring that this substance is removed from products, structures, and infrastructure that come into contact with the public.

However, leaded gasoline continues to be used in aviation fuel. According to the U.S. Federal Aviation Administration, aviation gasoline (“avgas”) is “the aviation fuel most commonly used in piston-engine aircraft” and “remains the only transportation fuel in the United States to contain lead”.⁴ The prevalence of avgas, combined with the growth in traffic patterns above airports and airfields serving general aviation, has led to a significant health impacts—particularly for children—due to residential neighborhoods and schools in areas adjacent to aviation flight patterns.⁵

In Colorado, the public health impacts of avgas have drawn significant outcry from communities located beneath flight traffic patterns, as well as Colorado’s congressional representatives.⁶ And it was recently reported that both Colorado school districts and local governments beneath aviation flight paths are appealing to the federal government to take action to protect adults and children who live and attend school in these areas.⁷

Addressing this issue will take action at all layers of government—and that includes local airports and airfields. The Proposed Finding is one important and necessary step towards addressing this problem and protecting adults and children most at risk from lead exposure due to avgas. This finding would affirm that under the Clean Air Act that emissions released by piston-engine plans that consume leaded aviation gas may endanger the public health and welfare. This is one of many needed steps to protect adults and children exposed to this health risk. I strongly support the prior comment submitted by state attorneys general on January 17, 2023, to the EPA, and urge the EPA’s swift adoption of the Proposed Finding.

³ U.S. ENVIRONMENTAL PROTECTION AGENCY, LEAD (last visited Jul. 13, 2023), <https://www.epa.gov/lead/learn-about-lead#effects>.

⁴ U.S. Federal Aviation Administration, Aviation Gasoline (last visited Jul. 13, 2023), <https://www.faa.gov/about/initiatives/avgas>.

⁵ Riley K, et. al., *A Systematic Review of The Impact of Commercial Aircraft Activity on Air Quality Near Airports. City Environ Interact*, City and Environment Interactions vol. 11 (2021), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8318113/>.

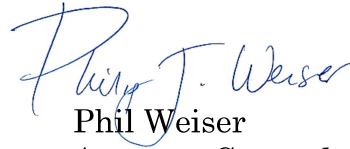
⁶ Letter from Sen. Michael Bennet, Sen. John Hickenlooper, and Cong. Jason Crow to Acting Administrator Billy Nolen, U.S. Federal Aviation Administration (Dec. 14, 2022), <https://crow.house.gov/sites/evo-subsites/crow.house.gov/files/evo-media-document/letter-to-faa-on-centennial-airport-final.pdf>.

⁷ Josh Aguilar, *Suburban Residents Battle Noise, Lead Pollution From Busy Metro Denver Airports*, The Denver Post, (Jul. 7, 2023), <https://www.denverpost.com/2023/07/07/centennial-rocky-mountain-airport-noise-lead/?clearUserState=true>.

The Honorable Michael S. Regan
July 18, 2023
Page 3

Thank you for your consideration of these comments. Please feel free to contact Kurtis Morrison, Deputy Attorney General, Colorado Department of Law, at kurtis.morrison@coag.gov, should you require additional information.

Sincerely,

A handwritten signature in blue ink that reads "Phil Weiser". The signature is written in a cursive style with a large, stylized initial "P".

Phil Weiser
Attorney General

N.O.I.S.E.
415 2nd St NE #210
Washington, DC 20002
202-378-7147
emilyt@primacysg.com

Invoice

BILL TO

Centennial Airport Community
Roundtable
7800 S. Peoria St., Box G-1
Englewood, CO 80112

INVOICE #	DATE	TOTAL DUE	TERMS	ENCLOSED
1048	07/11/2023	\$1,000.00	Due on receipt	

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
N.O.I.S.E. Membership	Membership Dues 2023 Make Checks Payable to: N.O.I.S.E Mail Payments to: N.O.I.S.E C/O Primacy Strategy Group 660 Transfer Road Saint Paul, MN 55114	1	1,000.00	1,000.00

We appreciate your support!

BALANCE DUE

\$1,000.00

Make Checks Payable to: N.O.I.S.E
Mail Payments to:
N.O.I.S.E
C/O Primacy Strategy Group
660 Transfer Road
Saint Paul, MN 55114



Centennial Airport Monthly Noise Report



17. May 2023

1 TABLE OF CONTENTS

- 2 Definitions..... 2
- 3 About APA’s Noise Monitoring Program 3
- 4 About WebTrak™ 4
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- 6 Noise Monitor Reports..... 6
- 7 Noise Complaint Statistics.....7-9
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- 9 Radar Track Density Map 11
- 10 Notes and Disclaimer 12

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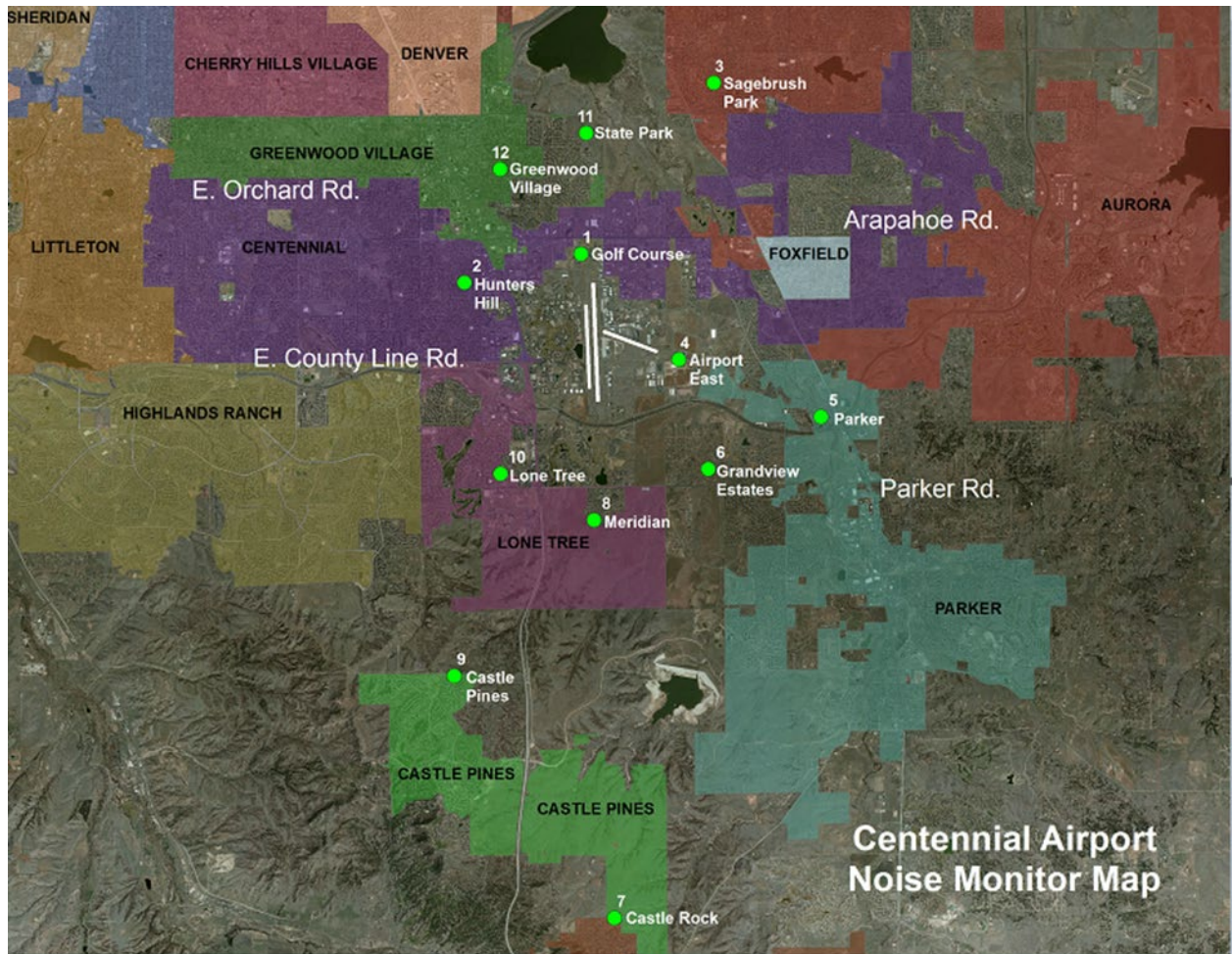
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Overview

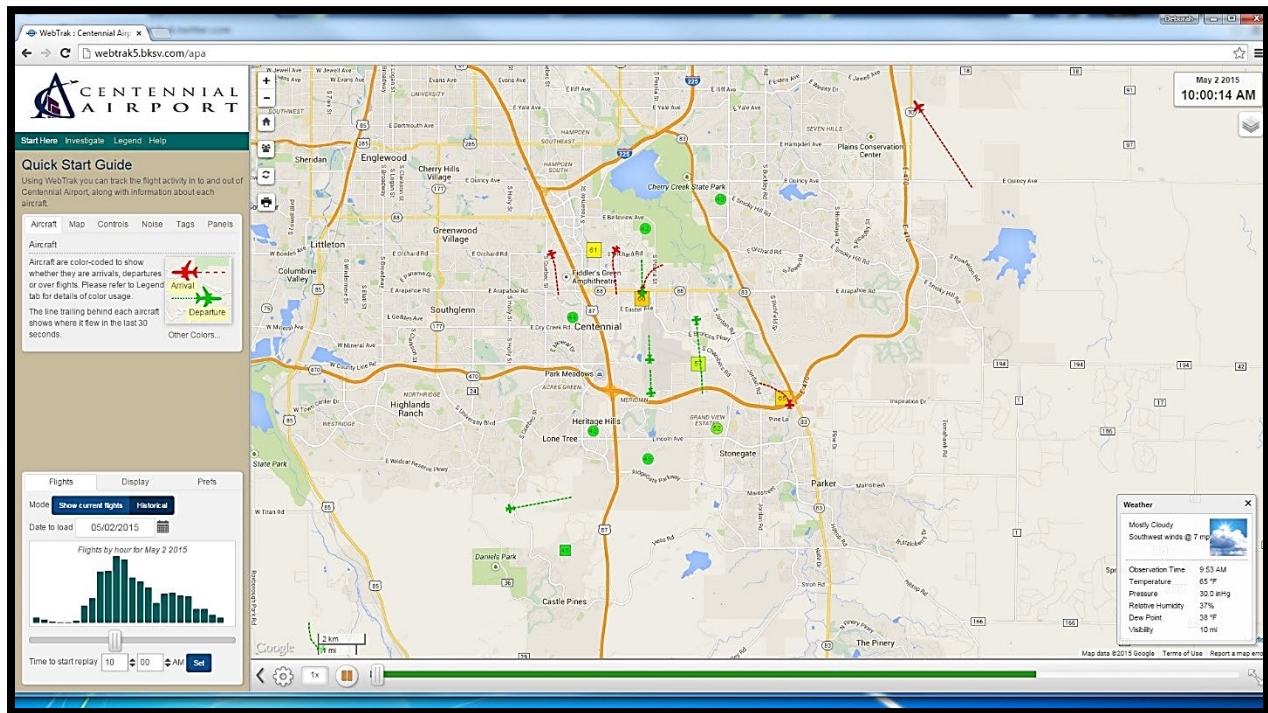
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How to participate

The general public may use **WebTrak** to investigate a noise or flight that occurred near their location. The system also simplifies the process of filing a noise complaint, offering an easy, online option for residents to register concerns regarding noise levels at the following web addresses:

APA WebTrak:

https://webtrak.emsbk.com/apa?fbclid=IwAR1xnXwQ2sVwisSZ_szUAIHFtyYBNI_ZTACOI1PF7ZSH8PPbBxORnnaidUUE

Centennial Airport Website: <http://www.centennialairport.com>

In addition, noise complaints can also be submitted on our noise hotline:

APA Noise Hotline:

303-790-4709

5 OPERATIONS STATISTICS

	IFR ITINERANT				VFR ININERANT				LOCAL		
	AIR TAXI	G.A.	MILITARY	TOTAL INTINERANT	AIR TAXI	G.A.	MILITARY	TOTAL	G.A.	MILITARY	TOTAL LOCAL
January	2,304	3,055	99	5,458	896	5,213	69	6,178	11,936	25	11,961
February	2,180	2,883	123	5,186	1,046	5,388	85	6,519	12,426	20	12,446
March	2,512	3,260	187	5,959	1,555	5,523	100	7,178	14,989	20	15,009
April	2,152	2,693	144	4,989	1,616	6,550	137	8,303	16,940	40	16,980
May	2,556	3,026	175	5,757	1,542	5,734	116	7,392	17,833	21	17,854
June				0				0			0
July				0				0			0
August				0				0			0
September				0				0			0
October				0				0			0
November				0				0			0
December				0				0			0
Y-T-D Totals	11,704	14,917	728	27,349	6,655	28,408	507	35,570	74,124	126	74,250

	IFR OVERFLIGHTS				VFR OVERFLIGHTS				TOTAL OPERATIONS	
	AIR TAXI	G.A.	MILITARY	TOTAL INTINERANT	AIR TAXI	G.A.	MILITARY	TOTAL		
January	2	4	4	10	43	73	11	127	January	23,734
February	6	4	2	12	31	80	1	112	February	24,275
March	0	0	3	3	24	90	4	118	March	28,267
April	3	5	2	10	37	79	13	129	April	30,411
May	1	5	0	6	32	120	8	160	May	31,169
June				0				0	June	
July				0				0	July	
August				0				0	August	
September				0				0	September	
October				0				0	October	
November				0				0	November	
December				0				0	December	
Y-T-D Totals	12	18	11	41	167	442	37	646	Y-T-D Totals	137,856

Definitions

Air Taxi – A company that operates aircraft that carry cargo or mail, or passengers on an on demand or charter basis.

General Aviation (G.A.) – All civil aviation operations other than scheduled air services and non-scheduled air transport operations for remuneration or hire.

Local – Operations are performed by aircraft which operate in the local traffic pattern or within sight of the airport; flight in local practice areas located within a 20-mile radius of the airport; execute simulated instrument approaches or low passes at the airport.

IFR Itinerant – Operations other than local operations conducted under Instrument Flight Rules.

VFR Itinerant – Operations other than local operations conducted under Visual Flight Rules.

Overflight – Operation performed by aircraft that transit the area and did not originate or did not terminate within the airspace.

6 NOISE MONITOR REPORTS

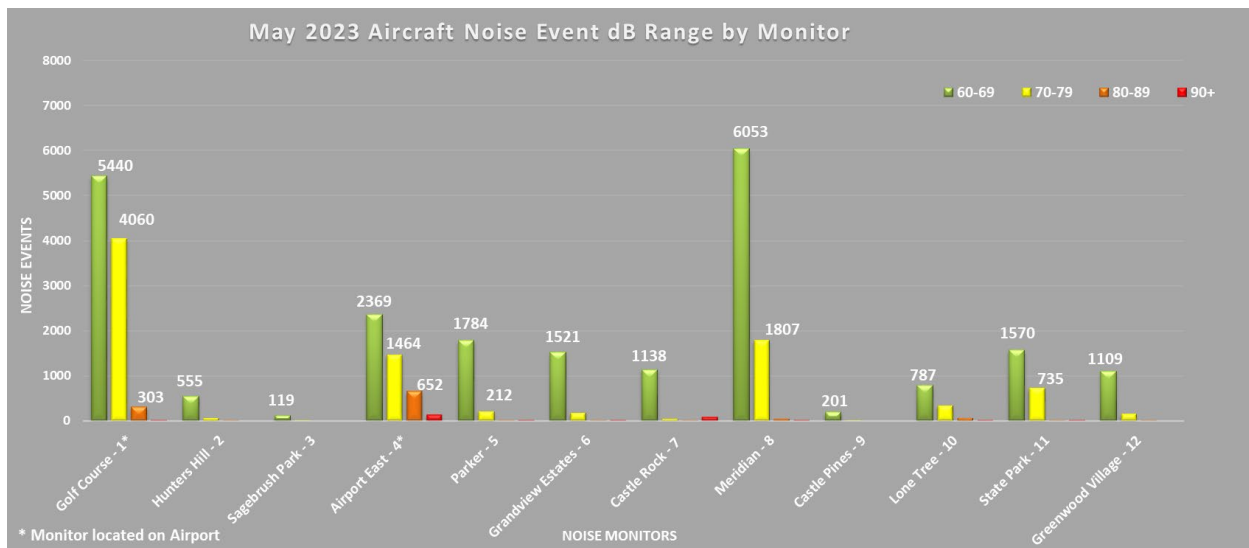
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First, the noise event must exceed the ambient noise level. This number varies at every monitor, but is generally greater than 50-55db. Secondly, the noise event must last longer than 5 seconds. Lastly, using radar data, the system must correlate an aircraft with the noise event. This ensures that the sound is not associated with a 'community noise event' such as a lawn mowers or emergency sirens.

The information below reflects only aircraft noise events as described above.

May 2023 Aircraft Noise Event Decibel Range By Monitor					
Monitor	60-69	70-79	80-89	90+	Totals
Golf Course- 1*	5440	4060	303	14	9817
Hunters Hill- 2	555	67	1	0	623
Sagebrush Park- 3	119	7	0	0	126
Airport East- 4*	2369	1464	652	129	4614
Parker- 5	1784	212	2	1	1999
Grandview Estates- 6	1521	172	5	1	1699
Castle Rock- 7	1138	54	7	**76	1199
Meridian- 8	6053	1807	48	6	7914
Castle Pines- 9	201	22	0	0	223
Lone Tree- 10	787	343	60	9	1199
State Park- 11	1570	735	5	2	2312
Greenwood Village- 12	1109	169	13	0	1291
Totals	22646	9112	1096	162	33016

*Monitor located on Airport



**Observed bird nesting/excessive chirping at Castle Rock noise monitor location that resulted in several 90+ dB noise events

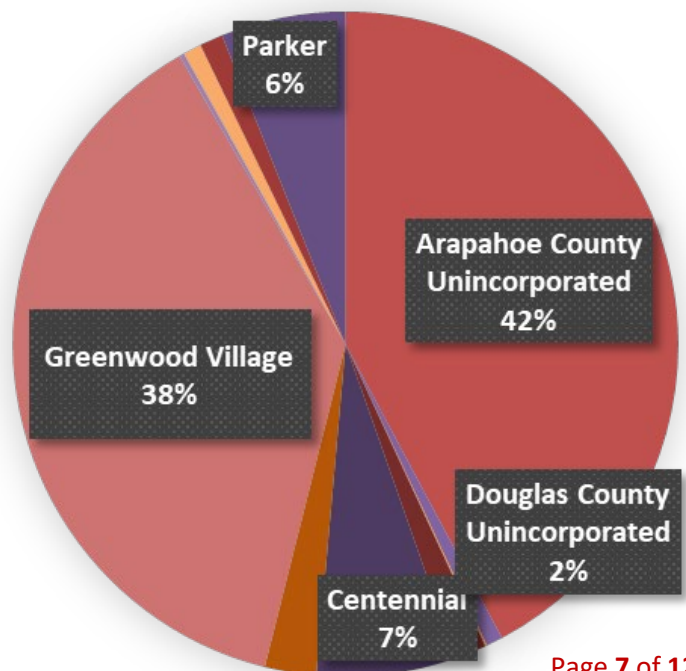
7 MAY 2023 NOISE COMPLAINT STATISTICS

In May, Centennial Airport received 1,239 complaints from 121 households.

May Noise Complaints			YTD		Population
Municipality	Complaints	Households	Complaints	Households	Census 2020
Arapahoe County Unincorporated	523	53	1,716	95	98,066
Aurora	10	4	25	5	386,261
Castle Pines	1	1	3	2	11,036
Castle Rock	19	4	81	5	73,158
Centennial	84	4	325	7	108,418
Cherry Hills Village	0	0	0	0	6,442
Denver	0	0	0	0	715,522
Douglas County Unincorporated	31	8	127	10	276,493*
Greenwood Village	468	31	1,297	52	15,691
Highlands Ranch	3	2	10	3	103,444
Lone Tree	11	3	17	5	14,253
Parker	75	2	113	6	58,512
Other	14	9	59	18	UNK
Total	1,239	121	3,773	208	1,867,296

*Douglas County Unincorporated Population with Highlands Ranch Removed

Complaints per Municipality



May 2023 Noise Complaint Responses Completed	
Email	56
Phone	23
Total	79

Time Complaint Received	May
Day Hours (7:00 am - 9:59pm)	1,168
Night Hours (10:00 pm - 6:59 am)	71
TOTAL	1,239

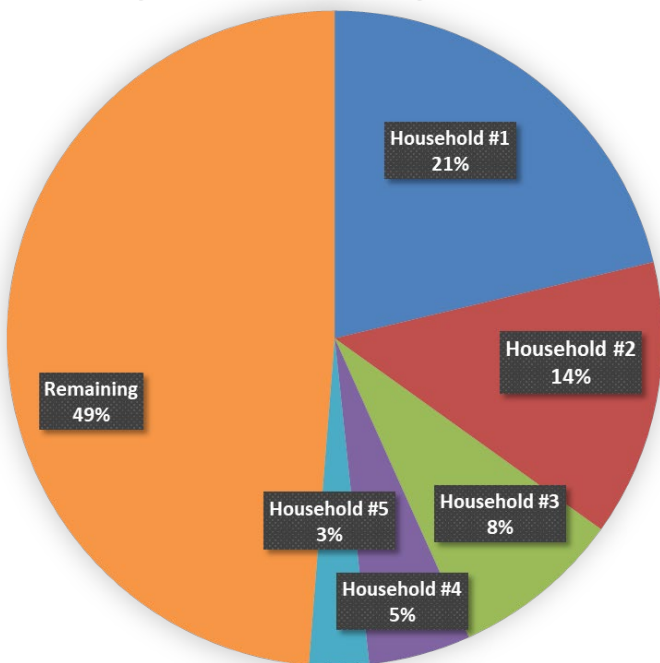
Current 12 Month Trend



Previous Year 13 Month Trend



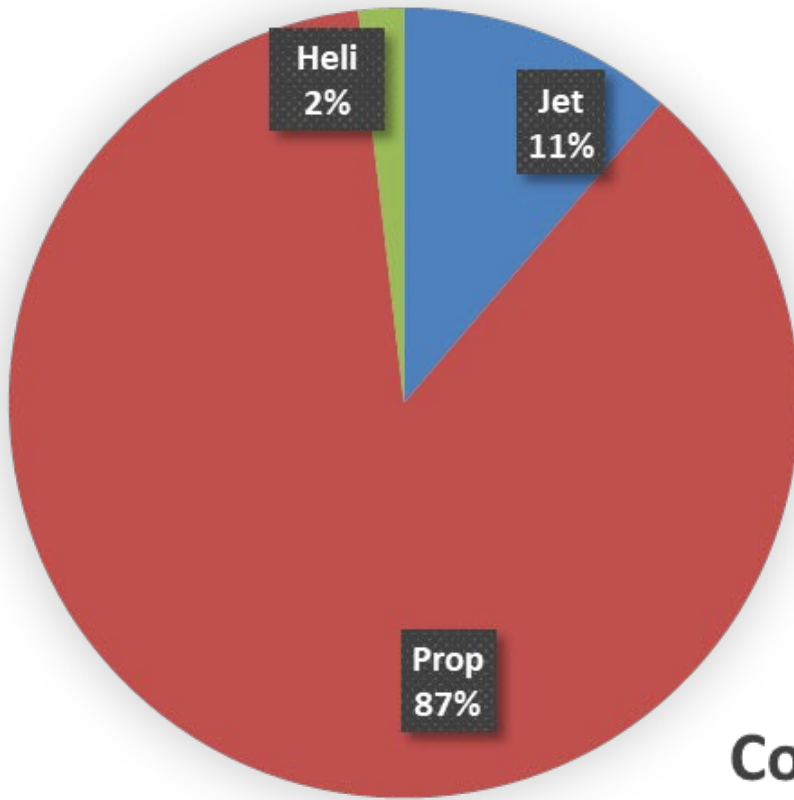
Top 5 Household Complaints YTD



Top 5 Household Complaints

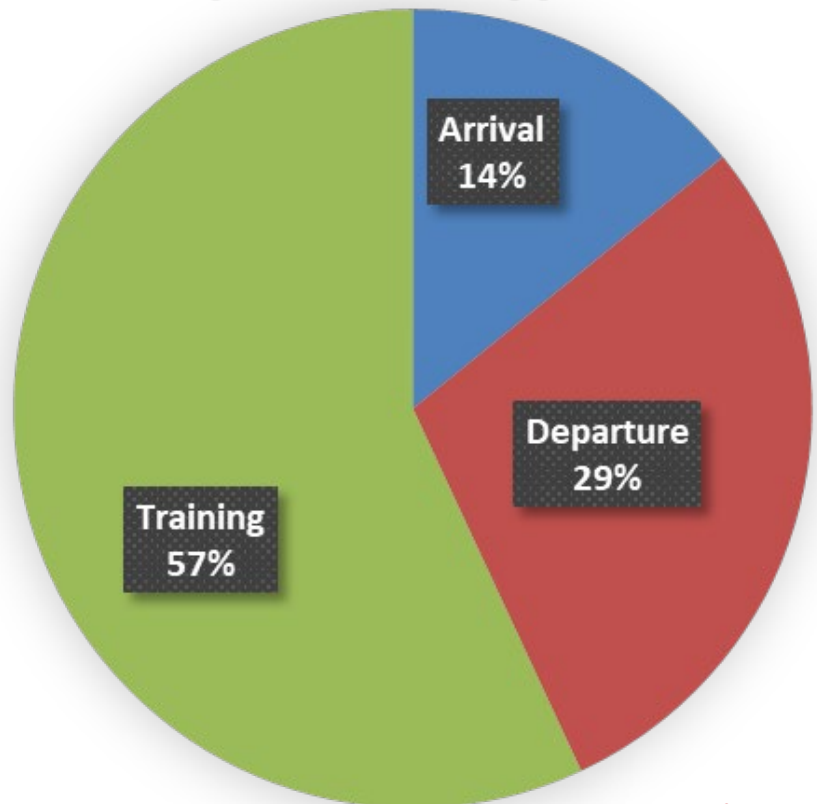
Household	Complaints	Households
Household #1	802	Greenwood Village
Household #2	515	Arapahoe County
Household #3	316	Centennial
Household #4	190	Arapahoe County
Household #5	111	Arapahoe County
Remaining		1,839
Total		3,773

Complaints by Aircraft Type

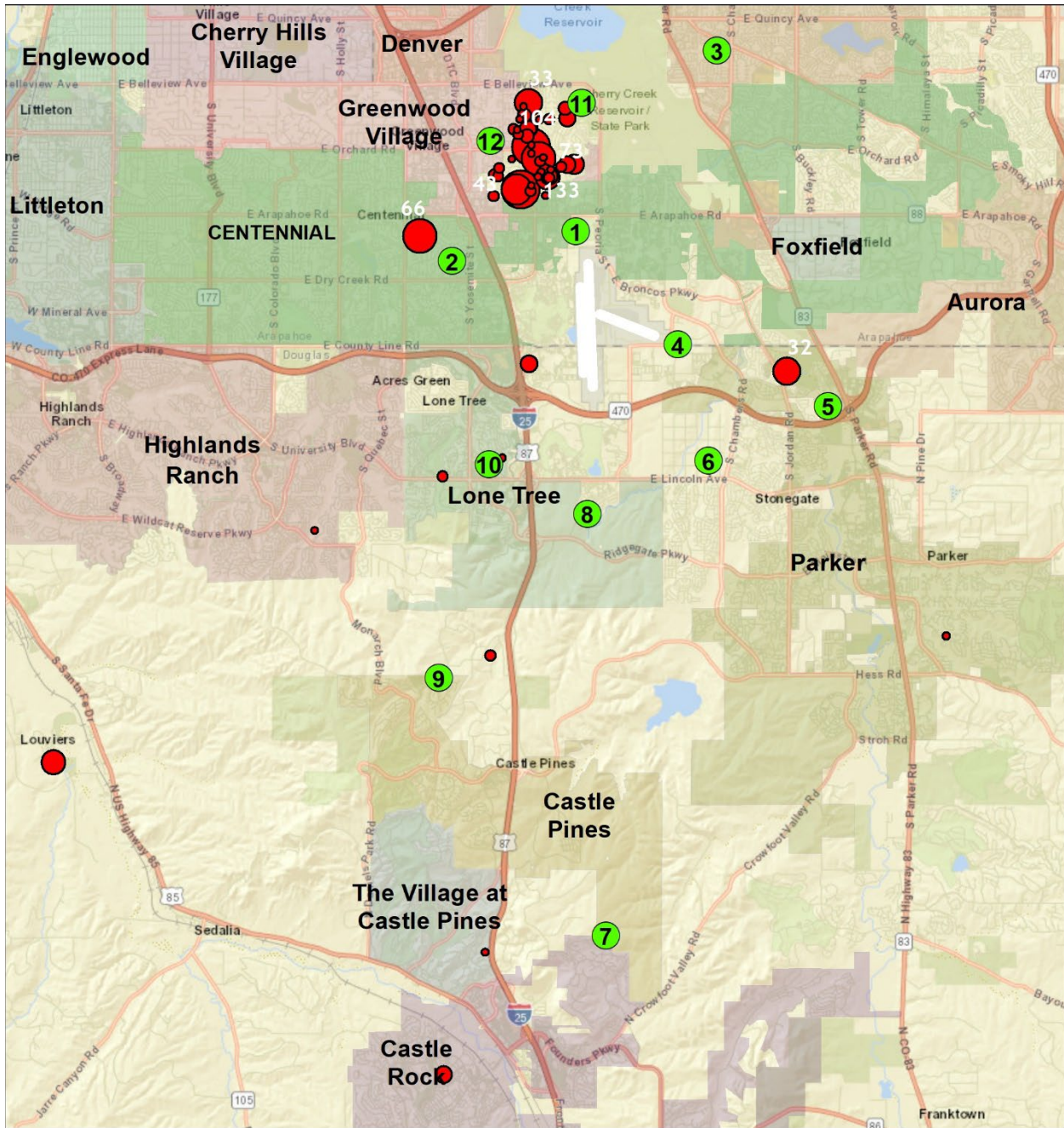


*#1 Household Removed

Complaints by Operation Type



8 CENTENNIAL AIRPORT COMPLAINT MAP



May 2023 Complaints

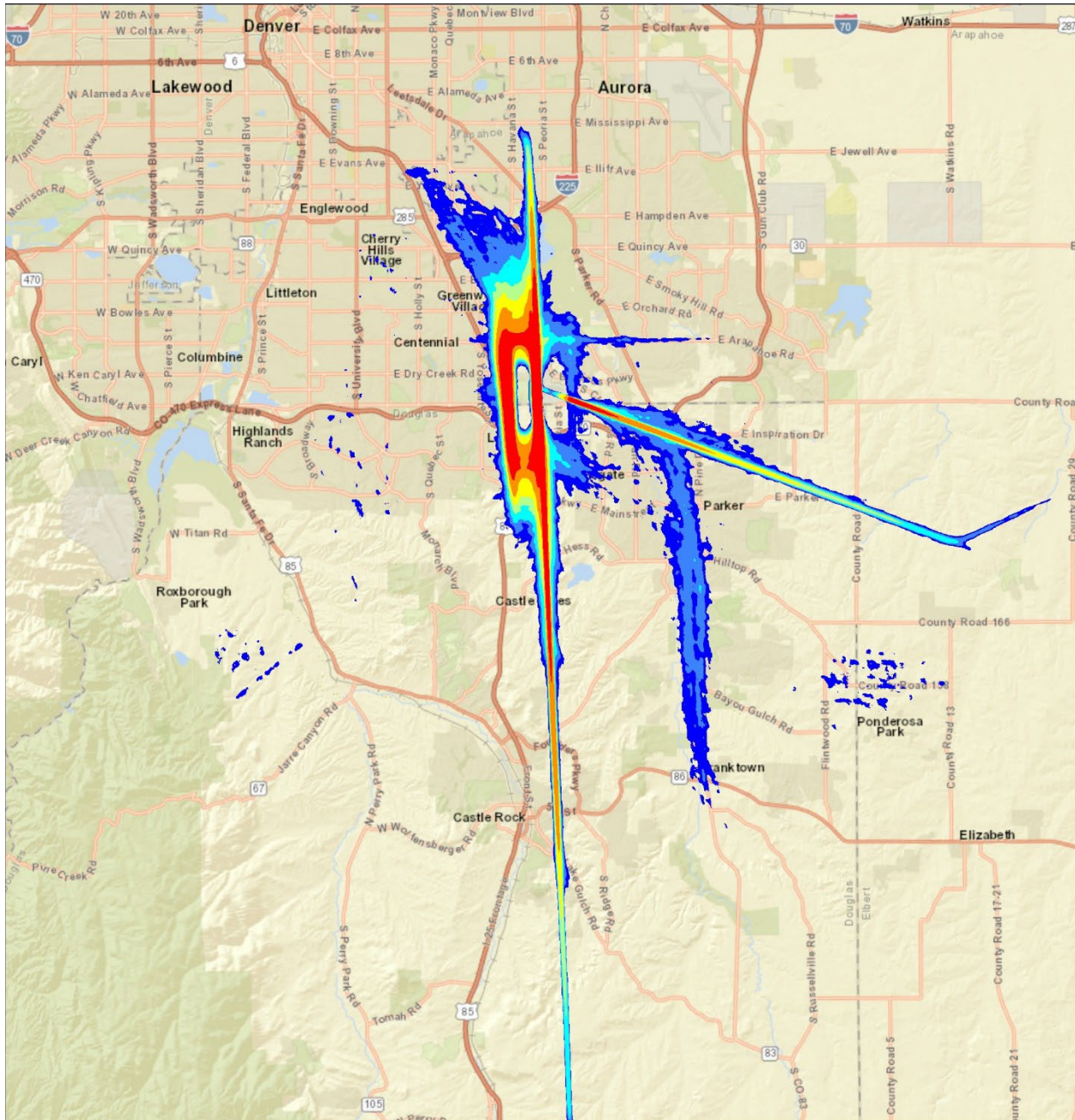


**Larger dots equate to more complaints for that particular households

9 CENTENNIAL AIRPORT RADAR TRACK DENSITY MAP

The following maps take all of the flight track data for the given time period and create a line density plot. This enables everyone to have a better understanding of where the flight tracks are at, while allowing for historical comparisons. Dark red in the middle of the picture shows the highest density of flight tracks over the runways. The colors gradually move out to blue as the least dense.

May 2023 Flight Tracks associated with Centennial Airport



Lower Density Traffic Higher Density Traffic

10 NOTES AND DISCLAIMER

This report is for informational use only. Every effort has been made to ensure the accuracy of this data; however, the material may be altered as new information is added or updated in the system.

Centennial Airport disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data. We hope this information provides you with a valuable tool in which to review noise data and characteristics in your area. If you have questions or concerns, please contact the Centennial Airport Noise office at **303-790-0598**.



Noise Hotline: 303-790-4709

www.centennialairport.com



Centennial Airport Monthly Noise Report



June 2023

1 TABLE OF CONTENTS

- 2 Definitions..... 2
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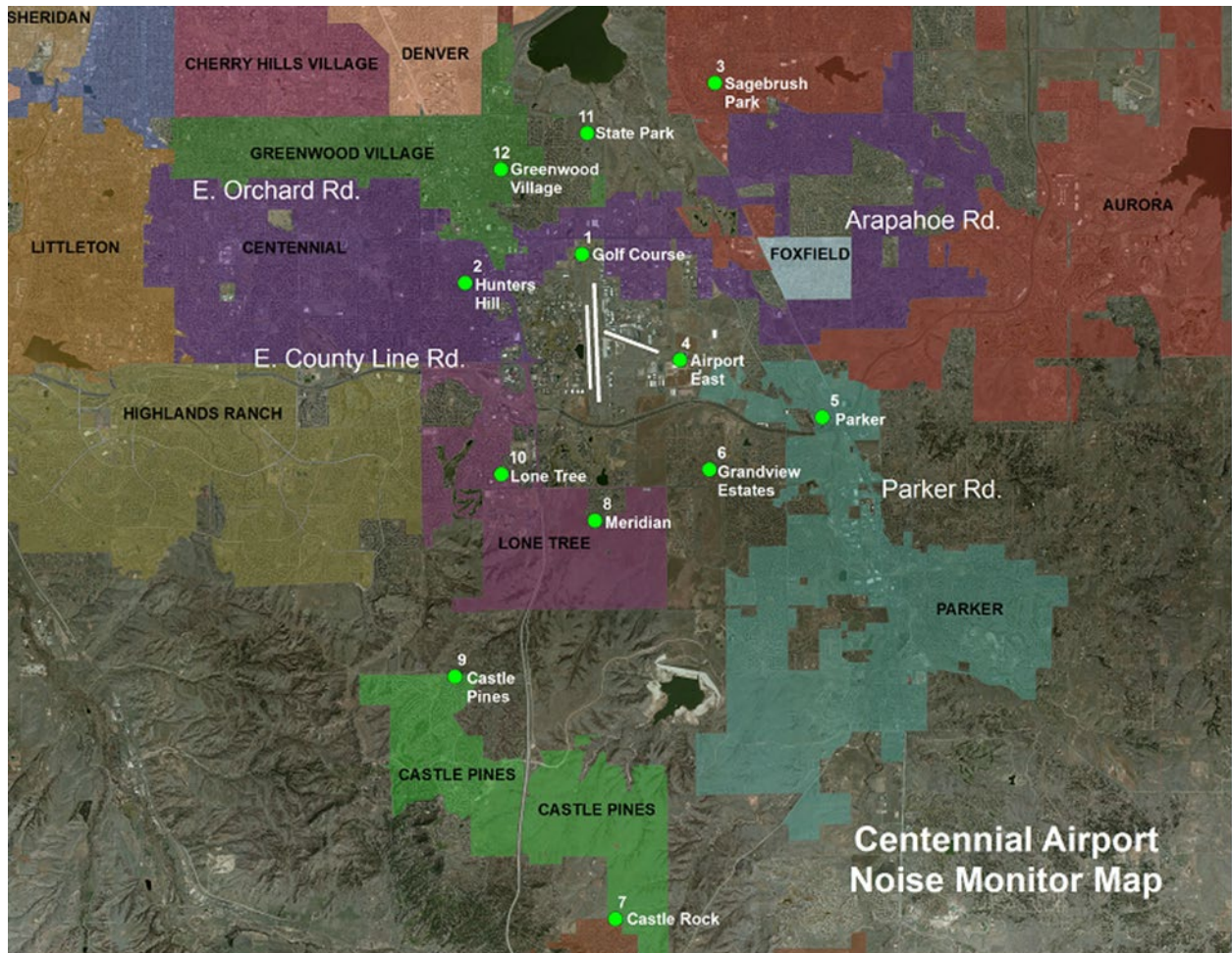
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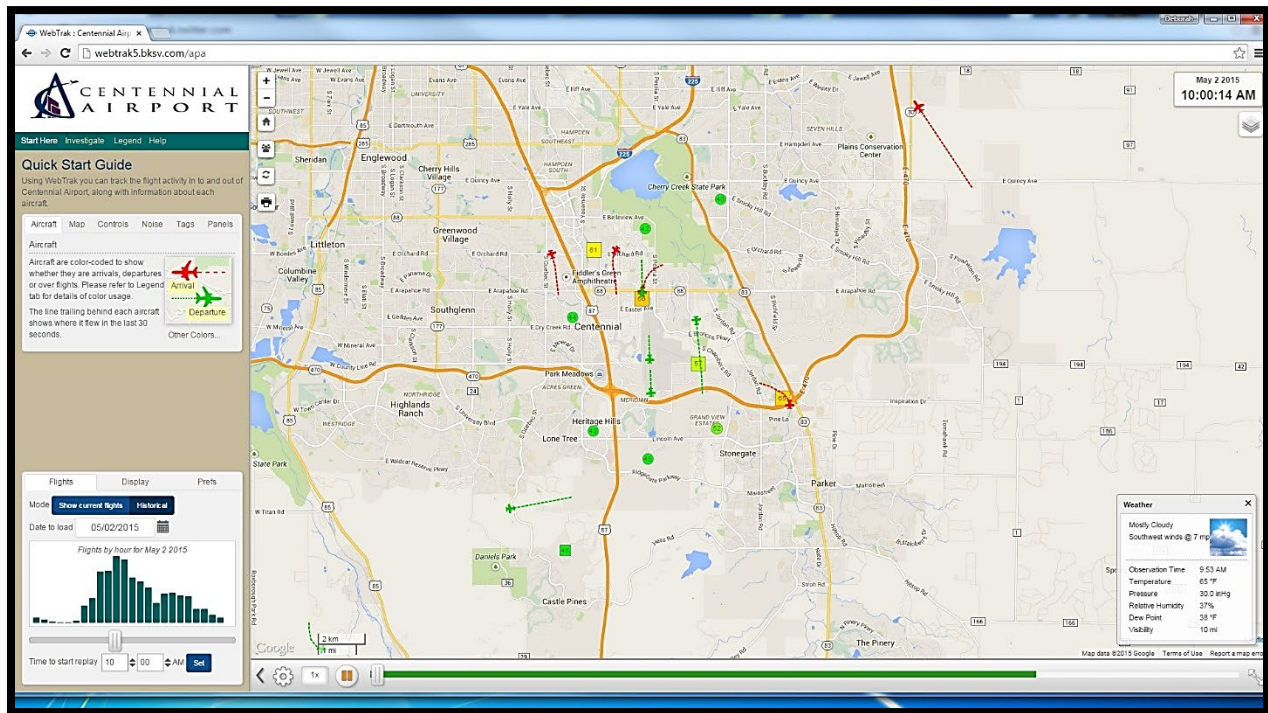
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June	2,584	3,338	165	6,087	1,544	6,277	159	7,980	16,101	31	16,132
July				0				0			0
August				0				0			0
September				0				0			0
October				0				0			0
November				0				0			0
December				0				0			0
Y-T-D Totals	14,288	18,255	893	33,436	8,199	34,685	666	43,550	90,225	157	90,382

	IFR OVERFLIGHTS				VFR OVERFLIGHTS				TOTAL OPERATIONS	
	AIR TAXI	G.A.	MILITARY	TOTAL INTINERANT	AIR TAXI	G.A.	MILITARY	TOTAL		
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June	2	9	1	12	29	87	6	122	June	30,333
July				0				0	July	
August				0				0	August	
September				0				0	September	
October				0				0	October	
November				0				0	November	
December				0				0	December	
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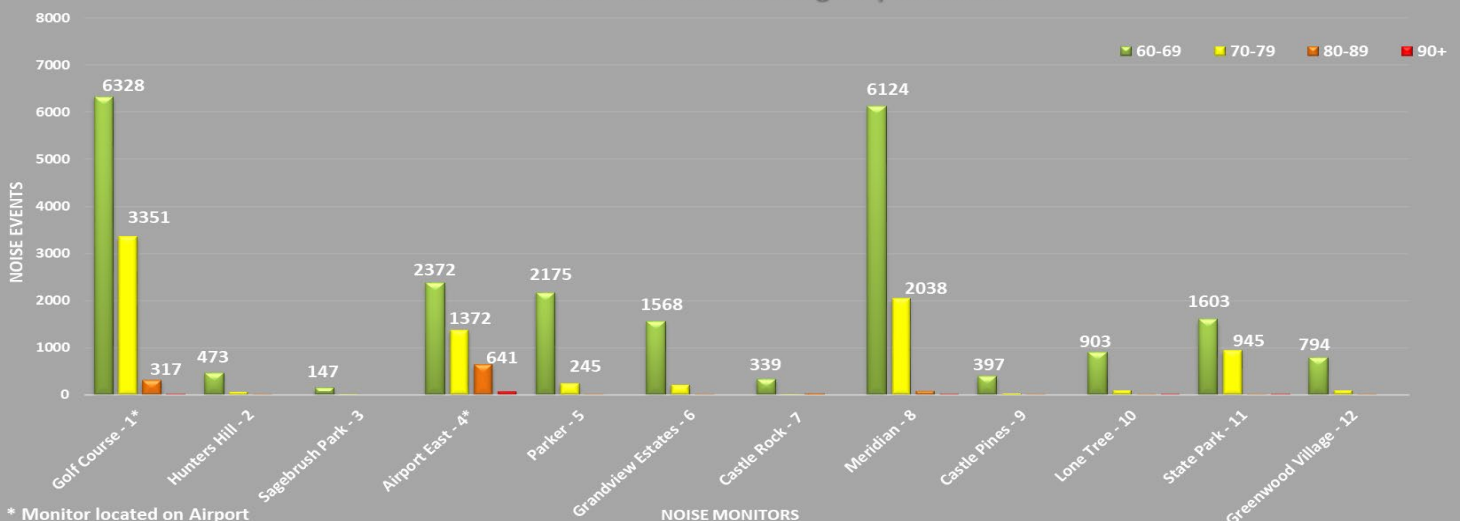
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Monitor	60-69	70-79	80-89	90+	Totals
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Hunters Hill- 2	473	58	6	0	537
Sagebrush Park- 3	147	20	0	0	167
Airport East- 4*	2372	1372	641	58	4443
Parker- 5	2175	245	2	0	2422
Grandview Estates- 6	1568	207	7	0	1782
Castle Rock- 7	339	10	24	0	373
Meridian- 8	6124	2038	86	6	8254
Castle Pines- 9	397	26	1	0	424
Lone Tree- 10	903	89	4	2	998
State Park- 11	1603	945	9	3	2560
Greenwood Village- 12	794	98	7	0	899
Totals	23223	8459	1104	79	32865

*Monitor located on Airport

June 2023 Aircraft Noise Event dB Range by Monitor



* Monitor located on Airport

NOISE MONITORS

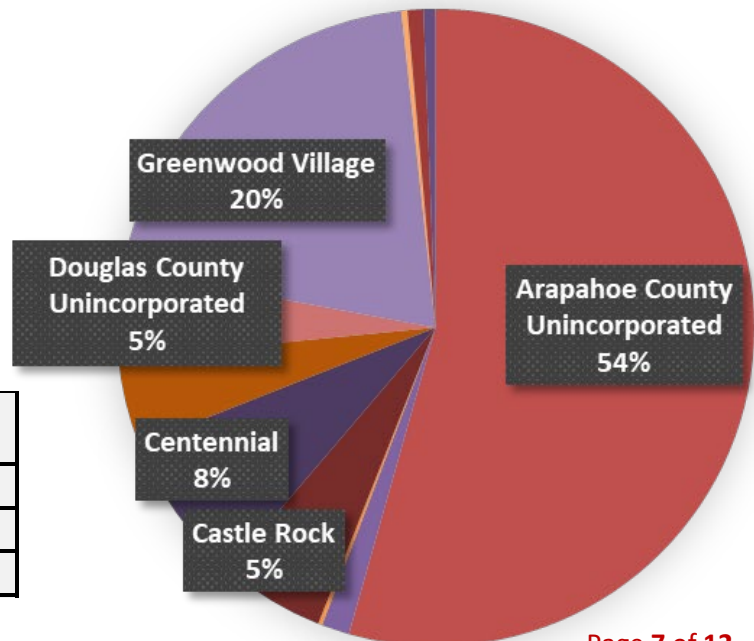
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June Noise Complaints			YTD		Population
Municipality	Complaints	Households	Complaints	Households	Census 2020
Arapahoe County Unincorporated	539	69	2255	126	98,066
Aurora	14	6	39	8	386,261
Castle Pines	2	2	5	3	11,036
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Centennial	77	5	402	9	108,418
Cherry Hills Village	0	0	0	0	6,442
Denver	44	3	44	3	715,522
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Highlands Ranch	3	3	13	5	103,444
Lone Tree	8	5	25	9	14,253
Parker	116	5	229	9	58,512
Other	6	4	65	20	UNK
Total	1,107	137	4,880	269	1,867,296

*Douglas County Unincorporated Population with Highlands Ranch Removed

Complaints per Municipality



June 2023 Noise Complaint Responses Completed	
Email	80
Phone	8
Total	88

Time Complaint Received	June
Day Hours (7:00 am - 9:59pm)	917
Night Hours (10:00 pm - 6:59 am)	190
TOTAL	1,107

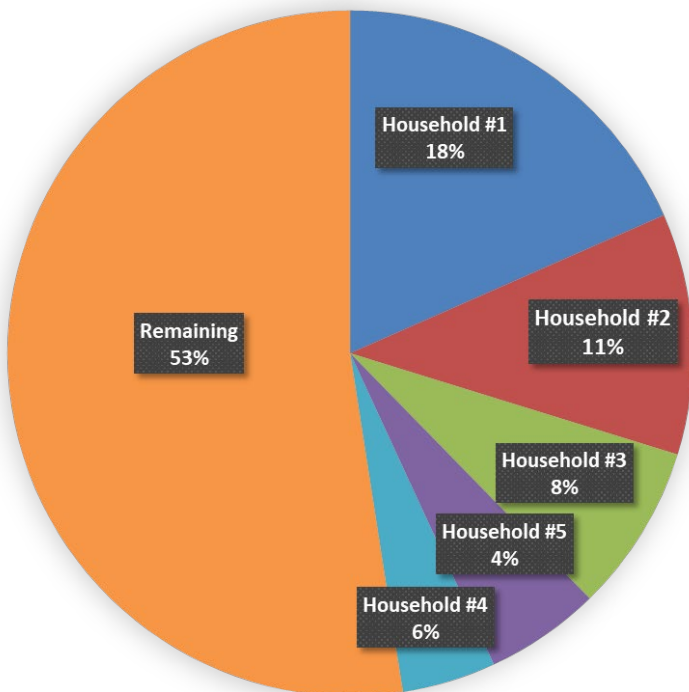
Current 12 Month Trend



Previous Year 13 Month Trend



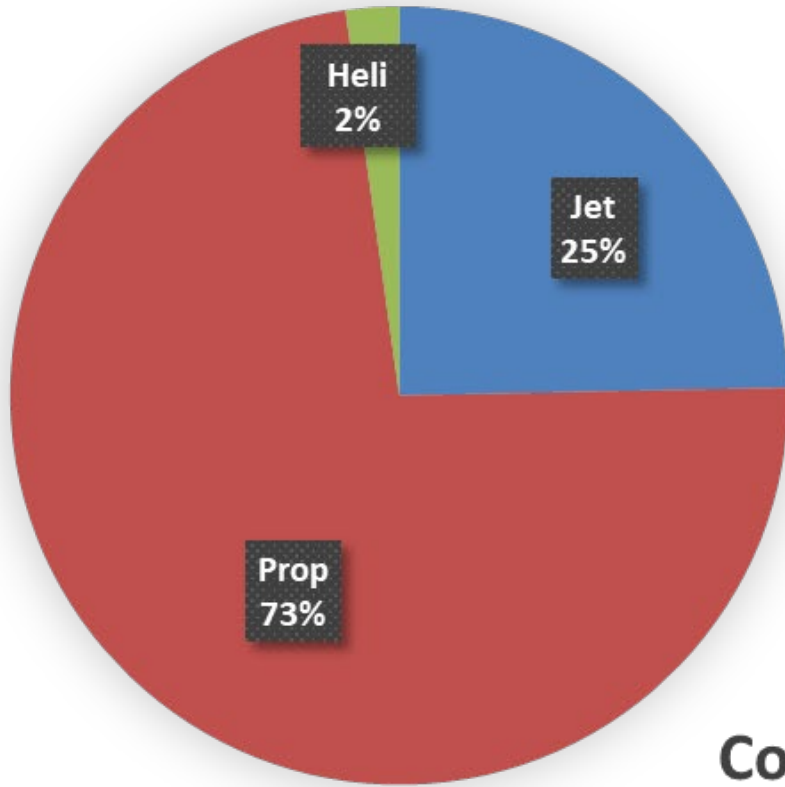
Top 5 Household Complaints YTD



Top 5 Household Complaints

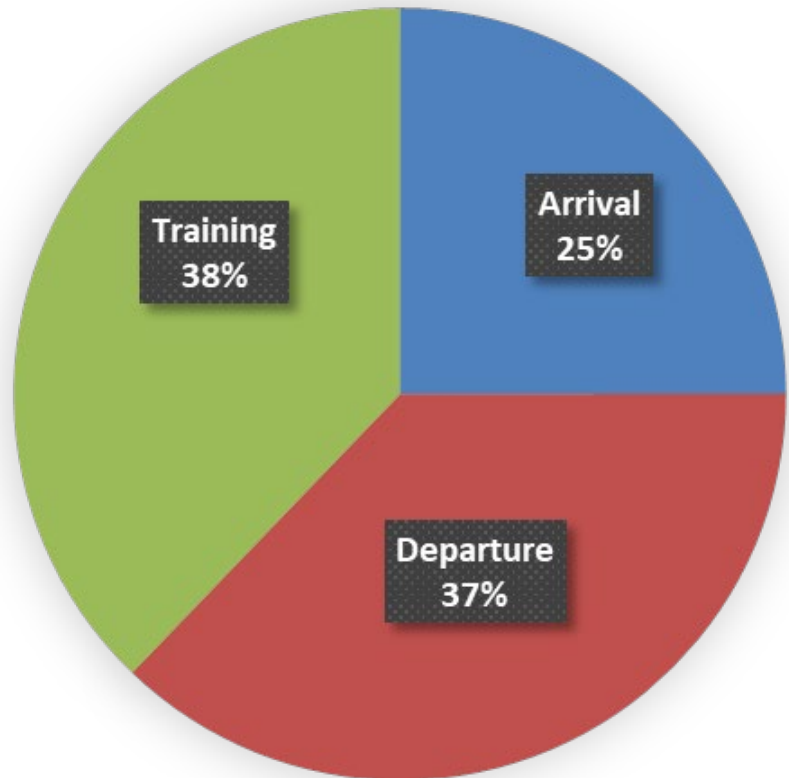
Household	Complaints	Households
Household #1	898	Greenwood Village
Household #2	555	Arapahoe County
Household #3	386	Centennial
Household #4	265	Arapahoe County
Household #5	216	Parker
Remaining		2,560
Total		4,880

Complaints by Aircraft Type

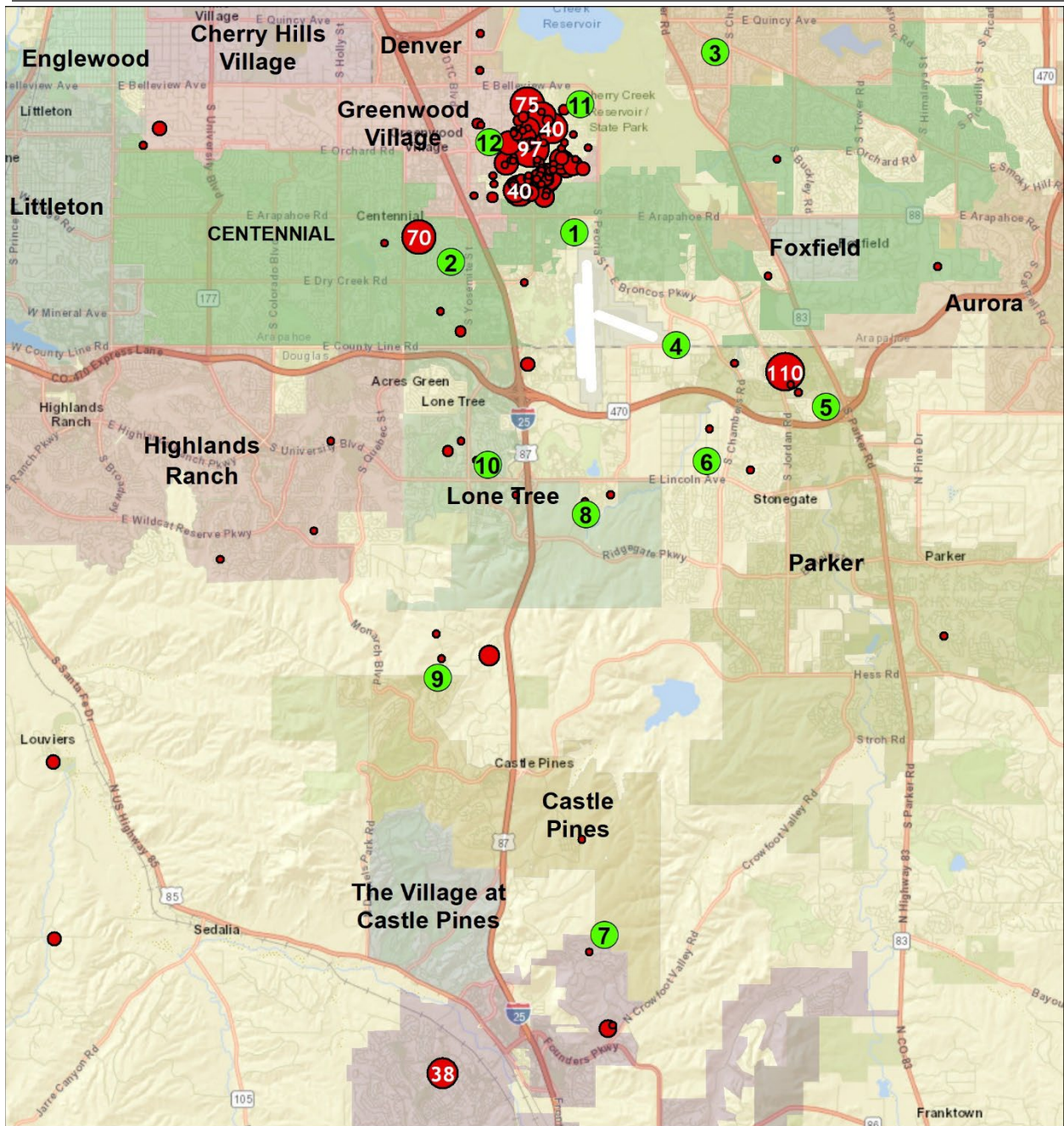


*#1 Household Removed

Complaints by Operation Type



8 CENTENNIAL AIRPORT COMPLAINT MAP



June 2023 Complaints

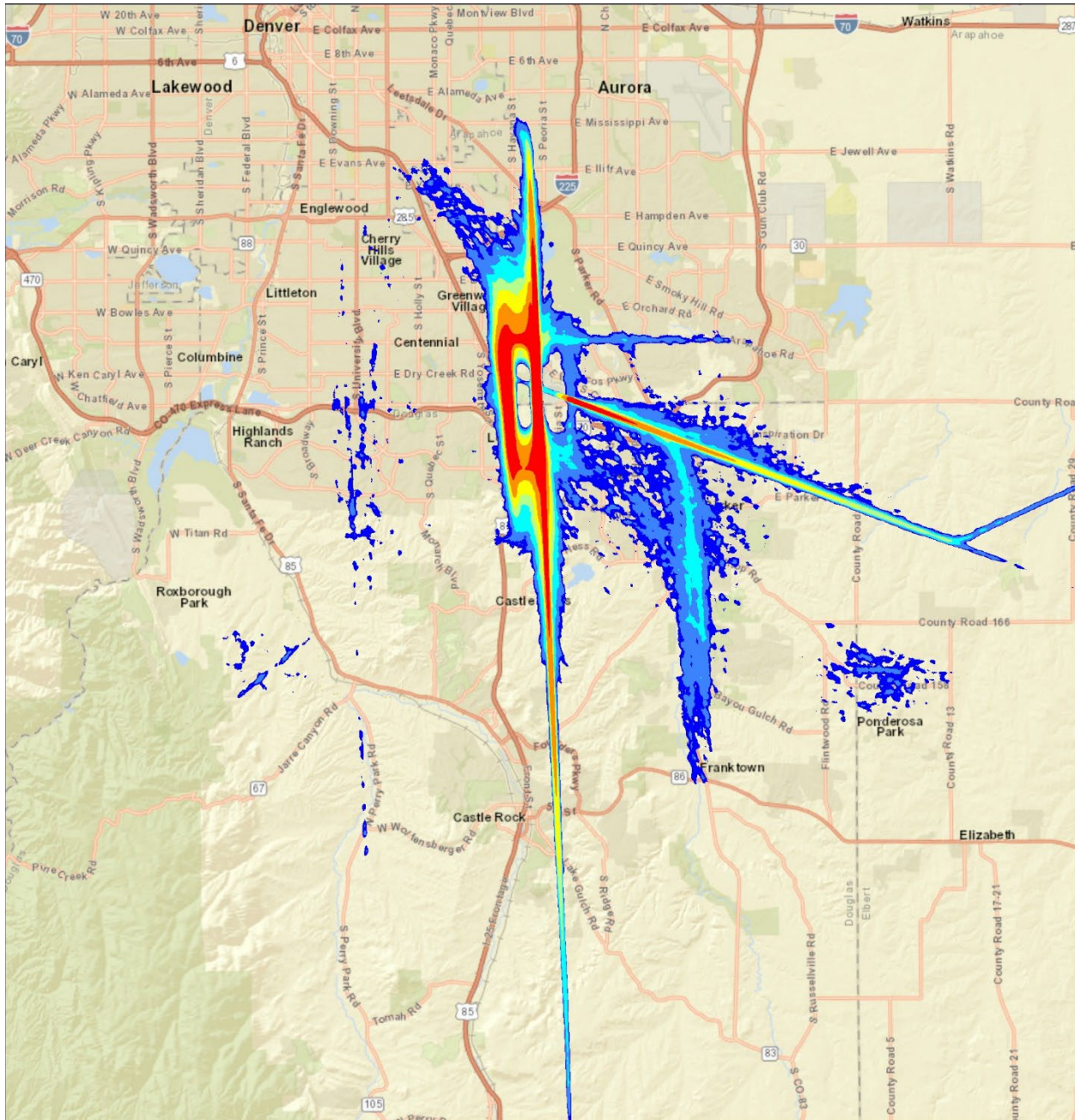


**Larger dots equate to more complaints for that particular households

9 CENTENNIAL AIRPORT RADAR TRACK DENSITY MAP

The following maps take all of the flight track data for the given time period and create a line density plot. This enables everyone to have a better understanding of where the flight tracks are at, while allowing for historical comparisons. Dark red in the middle of the picture shows the highest density of flight tracks over the runways. The colors gradually move out to blue as the least dense.

June 2023 Flight Tracks associated with Centennial Airport



Lower Density Traffic Higher Density Traffic

10 NOTES AND DISCLAIMER

This report is for informational use only. Every effort has been made to ensure the accuracy of this data; however, the material may be altered as new information is added or updated in the system.

Centennial Airport disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data. We hope this information provides you with a valuable tool in which to review noise data and characteristics in your area. If you have questions or concerns, please contact the Centennial Airport Noise office at **303-790-0598**.



Noise Hotline: 303-790-4709

www.centennialairport.com

CACNR/ACPAA 2023 MEETING SCHEDULES

CACNR REPRESENTATIVES TO 2023 MEETINGS OF THE ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY

CACNR meets at 6:30 p.m., 7565 South Peoria Street, Englewood, CO 80112

ACPAA meets at 3:00 p.m., 7565 South Peoria Street, Englewood, CO 80112

<u>CACNR MEETINGS</u>	<u>CACNR REPRESENTATIVE</u>	<u>REPORT DUE DATE</u>	<u>ACPAA MEETINGS</u>
(To sblymyer@centennialairport.com)			
January 04	-----	combines with February report	NO ACPAA MEETING
February 01	Donna Johnston	February 03	February 09
March 01	Bill Wasmund	March 10	March 16 (note 3 rd Thursday)
April 05	Chris Eubanks	April 07	April 13
May 03	Andy Jones	May 05	May 11
June 07	Andy Jones	June 07/08, or verbal	June 08
July 05 - NO CACNR MEETING	---	----	NO ACPAA MEETING
August 02		August 04	August 10
September 06		September 08	September 14
October 04		October 06	October 12
November 01		November 03	November 09
Dec 06 – NO CACNR MEETING	---	---	December 14

Dear Friend,

Our district is home to the second busiest general aviation airport in the United States: Centennial Airport. I've heard from many in our community who have concerns about the noise level and environmental impact of the airport. Folks who live directly under the flight path are concerned with not only the noise, but the safety of their homes and the health of their families.

As a member of the Quiet Skies Caucus, I have consistently **worked with local and federal officials to cut down on noise pollution**. Last week, **I took our community's concerns to the Transportation & Infrastructure Committee in Congress**.

I urged the committee to press the Federal Aviation Administration (FAA) to **designate stronger requirements that will cut down on noise and address the environmental, health, and safety issues** impacting residents who live under the Centennial Airport flight path. I asked that the FAA also take meaningful steps to accelerate the transition away from leaded aviation fuel to safer, more environmentally-conscious alternatives.

As many will remember, in 2021, two small planes collided over Cherry Creek State Park while attempting to land at Centennial Airport. In response, the Federal Aviation Administration (FAA) shifted the air traffic pattern for the area without consulting the airport or the community, resulting in increased traffic over residential areas.

In response, **I called on the FAA to attend monthly in-person meetings with the airport authority and residents** making up the Centennial Airport Community Noise Roundtable (CACNR). I will continue to pressure the FAA to address our community's concerns and protect the health and safety of Colorado residents.

It's an honor to serve Colorado's 6th District.

Best,

A handwritten signature in black ink, appearing to read 'Jason Crow', with a long horizontal flourish extending to the right.

Jason Crow

Colorado's 6th Congressional District

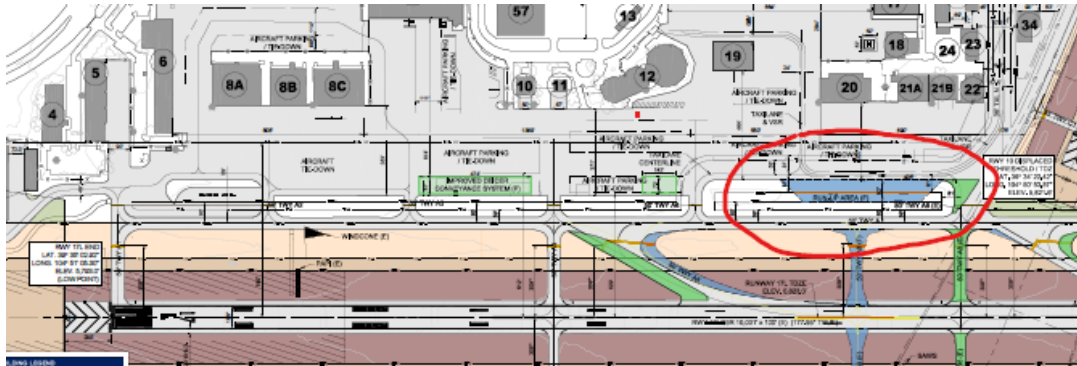


Fly Quiet Committee – July 2023 Monthly Report

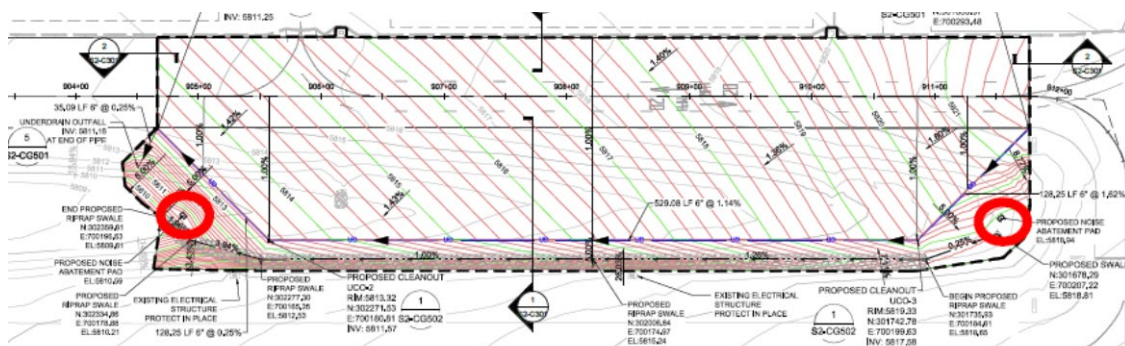
- Additional Noise Abatement Signage** : Placement of two additional noise abatement signs located at new aircraft run-up area between A6 and A8 have been approved by ACPAA. The signs designed by the Fly Quiet Committee in conjunction with ACPAA will be placed on the north and south sides of the new run-up area that opened July 19th.



New Run-Up Area - Airport Location



New Run-Up Area - Noise Abatement Sign Locations





Neighborhood Noise Report

Event Date:	10/14/22 – 11/29/22 (47 days)	Start/End Time:	Oct. 14 12:00 AM Nov. 29 11:59 PM
Location:	Louviers CO 80131		
Weather Data:	Average Temperature N/A		



Neighborhood Noise Report cont.

Aircraft DNL	29.4	The 24-hour average sound level of aircraft with a 10dB penalty for nighttime noise events. (This average excludes 5 days of data where aircraft DNL was 0 due to weather)
Community DNL	49.2	The 24-hour average sound level of the community with a 10dB penalty for nighttime noise events

Total DNL	49.4	The 24-hour average sound level with a 10dB penalty for nighttime noise events
Average Aircraft LMax (dB)	65.6	The peak noise level for a single aircraft noise event.

Centennial Airport-associated aircraft flight paths within 1 mile of portable for duration of Portable Noise Monitor stay (47 days)

Props: 513
 Jets: 257
 Heli: 4
 Unknown: 5
 Total: 779

Centennial Airport Aircraft Noise Events at portable

104

Non-Centennial Airport Aircraft Noise Events at portable

46

Total Aircraft Noise Events at portable

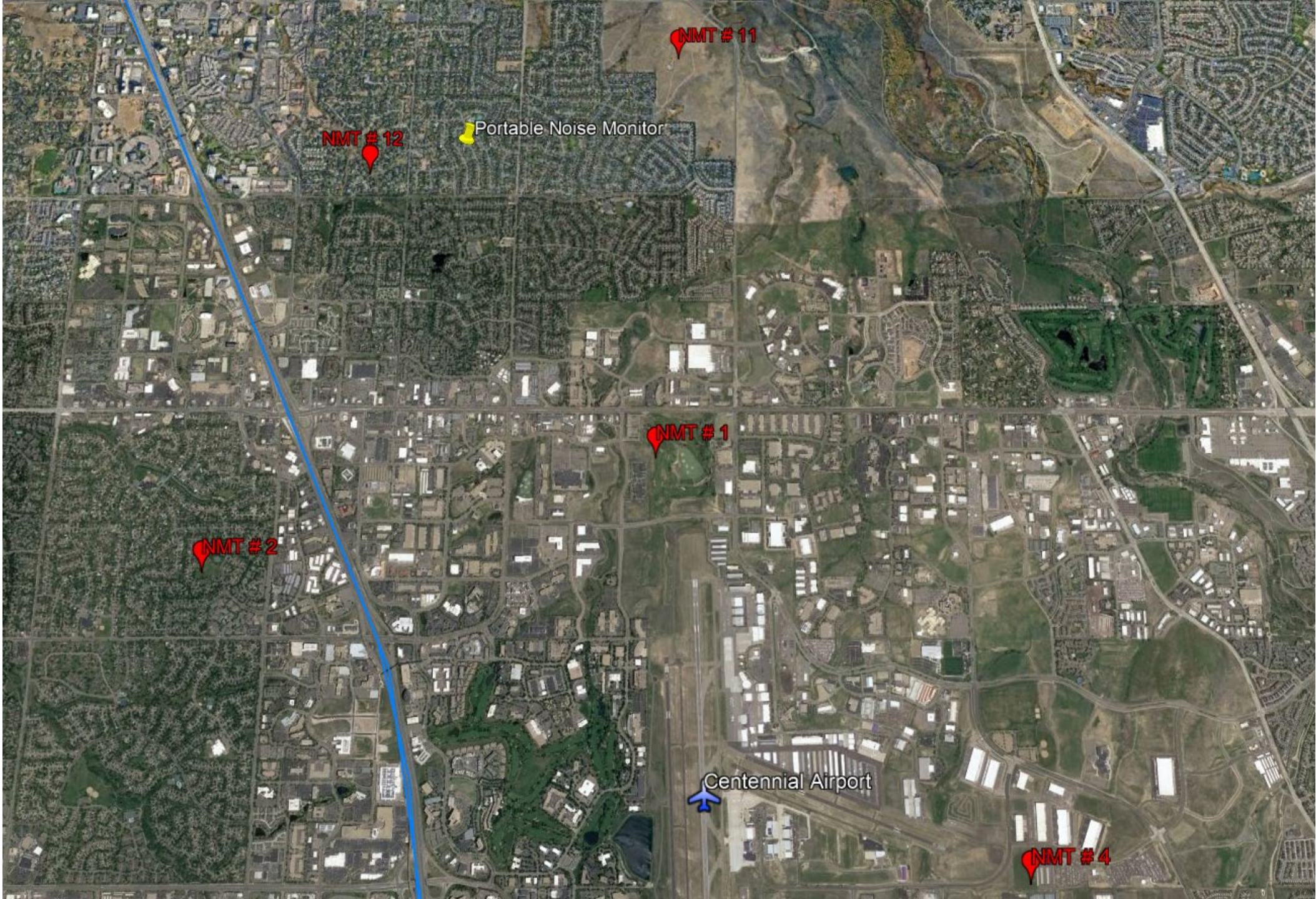
150

Total Community Noise Events at portable

Total: 1,660



Portable Noise Monitor Report – Greenwood Village



NMT # 11

NMT # 12

Portable Noise Monitor

NMT # 1

NMT # 2

Centennial Airport

NMT # 4

January Data
 1/6/23 – 2/5/23 (31 days)

Aircraft DNL	42.4	The 24-hour average sound level of aircraft with a 10dB penalty for nighttime noise events. (This average excludes 5 days of data where aircraft DNL was 0 due to weather)
Community DNL	48.9	The 24-hour average sound level of the community with a 10dB penalty for nighttime noise events

Centennial Airport-associated aircraft flight paths within 1 mile of Portable Monitor for duration of Portable Noise Monitor stay (31 days)

Props: 2,415
 Jets: 942
 Heli: 28
 Unknown: 323
 Total: 3,708

Total DNL	50.1	The 24-hour average sound level with a 10dB penalty for nighttime noise events
Average Aircraft LMax (dB)	65.2	The peak noise level for a single aircraft noise event.

Centennial Airport Aircraft Noise Events at Portable Monitor

830

Non-Centennial Airport Aircraft Noise Events at Portable Monitor

22

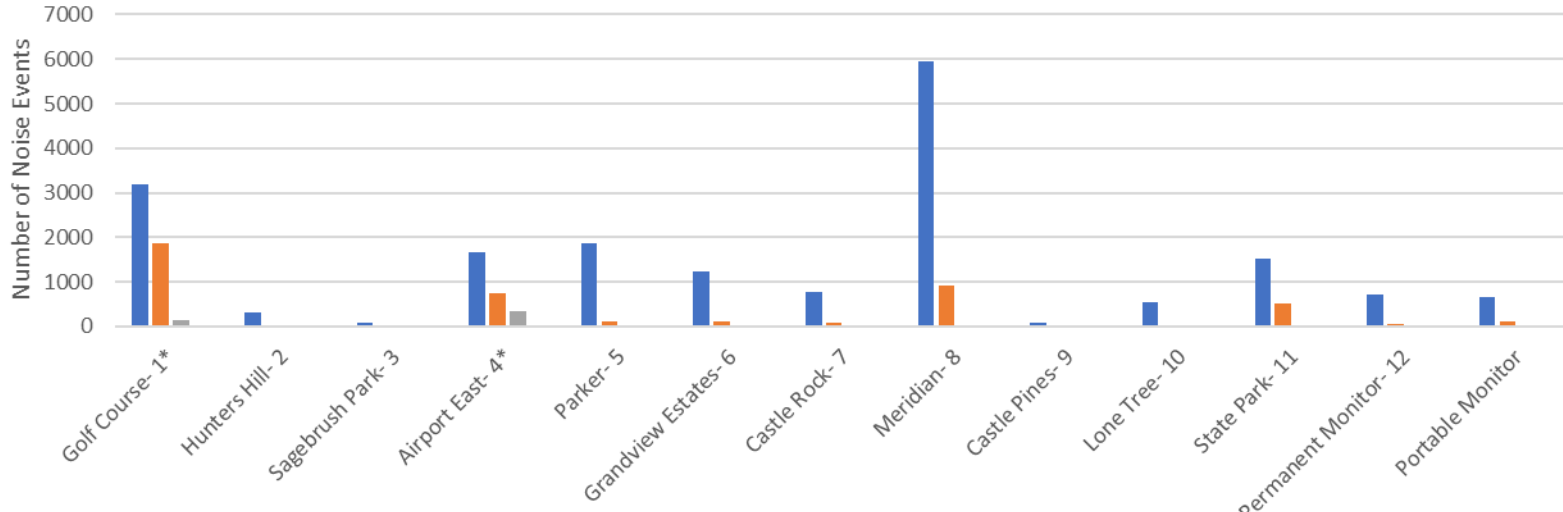
Total Aircraft Noise Events at Portable Monitor

852

Total Community Noise Events at Portable Monitor

Total: 169

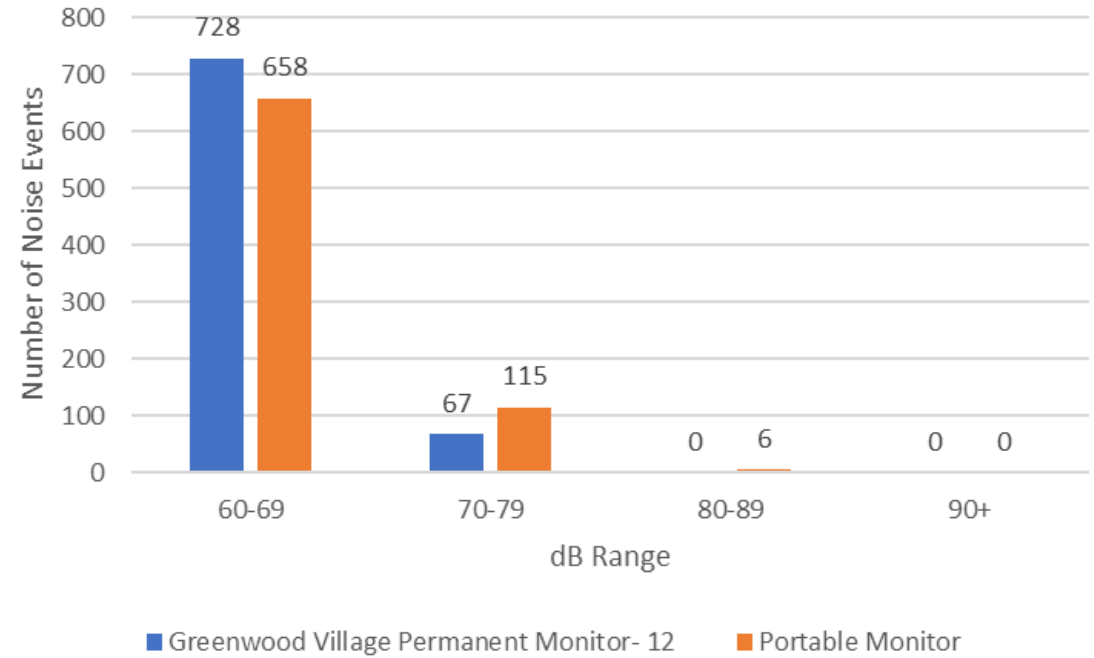
January 2023 Aircraft Noise Event dB Range by Monitor



Noise Monitors

- 60-69
- 70-79
- 80-89
- 90+

January 2023 Aircraft Noise Event dB Range by Monitor



February Data
2/6/23 – 3/7/23 (30 days)

Aircraft DNL	43.41	The 24-hour average sound level of aircraft with a 10dB penalty for nighttime noise events. (This average excludes 5 days of data where aircraft DNL was 0 due to weather)
Community DNL	49.5	The 24-hour average sound level of the community with a 10dB penalty for nighttime noise events

Centennial Airport-associated aircraft flight paths within 1 mile of Portable Monitor for duration of Portable Noise Monitor stay (30 days)

Props: 1850

Jets: 1077

Heli: 27

Unknown: 348

Total: 3302

Total DNL	51.0	The 24-hour average sound level with a 10dB penalty for nighttime noise events
Average Aircraft LMax (dB)	65.9	The peak noise level for a single aircraft noise event.

Centennial Airport Aircraft Noise Events at Portable Monitor

889

Non-Centennial Airport Aircraft Noise Events at Portable Monitor

30

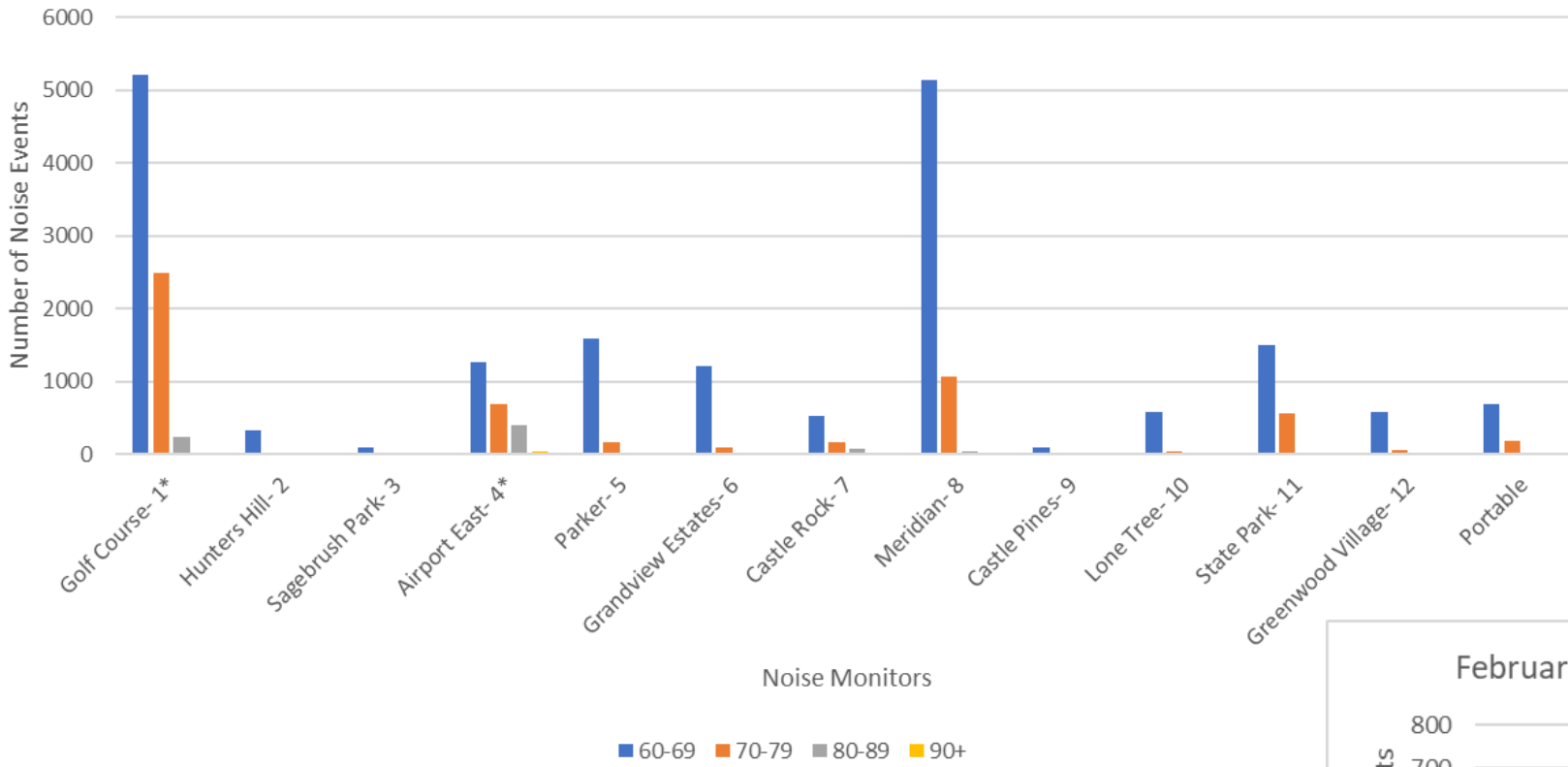
Total Aircraft Noise Events at Portable Monitor

919

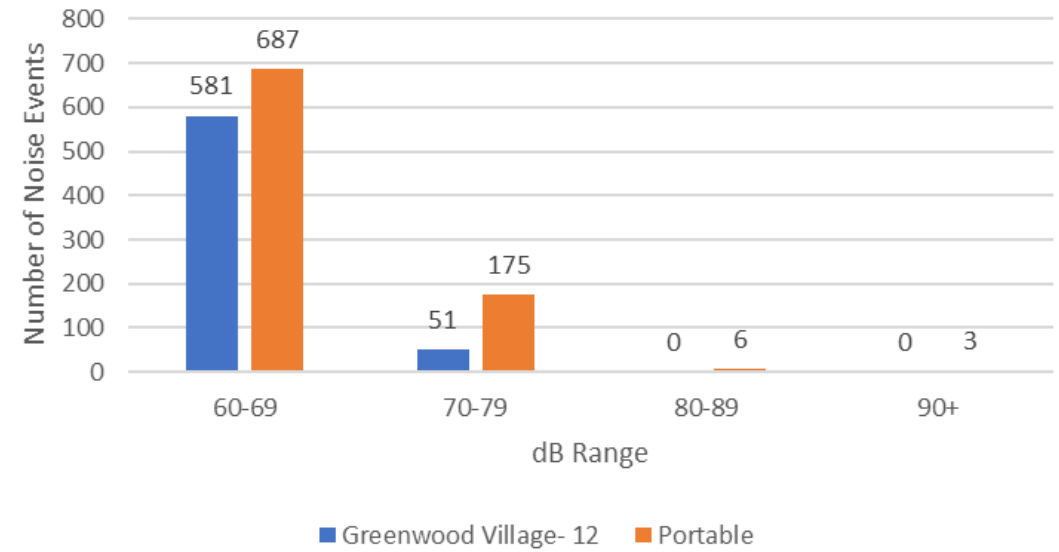
Total Community Noise Events at Portable Monitor

Total: 188

February 2023 Aircraft Noise Event dB Range by Monitor



February 2023 Aircraft Noise Event dB Range by Monitor



March Data
 3/8/23 – 4/7/23 (31 days)

Aircraft DNL	44.0	The 24-hour average sound level of aircraft with a 10dB penalty for nighttime noise events. (This average excludes 5 days of data where aircraft DNL was 0 due to weather)
Community DNL	49.4	The 24-hour average sound level of the community with a 10dB penalty for nighttime noise events

Centennial Airport-associated aircraft flight paths within 1 mile of Portable Monitor for duration of Portable Noise Monitor stay (31 days)

Props: 2361
 Jets: 990
 Heli: 33
 Unknown: 381
 Total: 3765

Total DNL	50.8	The 24-hour average sound level with a 10dB penalty for nighttime noise events
Average Aircraft LMax (dB)	65.6	The peak noise level for a single aircraft noise event.

Centennial Airport Aircraft Noise Events at Portable Monitor

1115

Non-Centennial Airport Aircraft Noise Events at Portable Monitor

38

Total Aircraft Noise Events at Portable Monitor

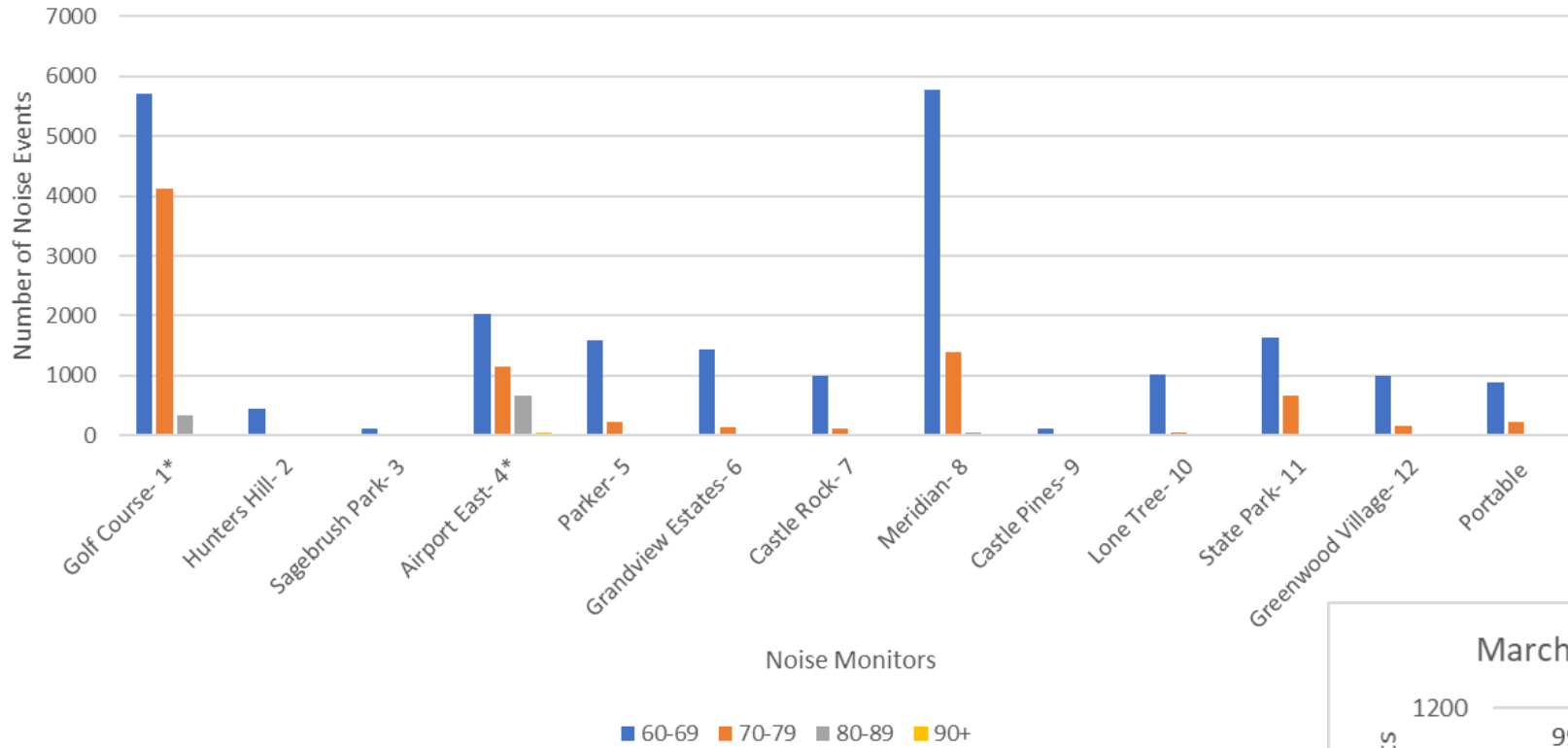
1153

Total Community Noise Events at Portable Monitor

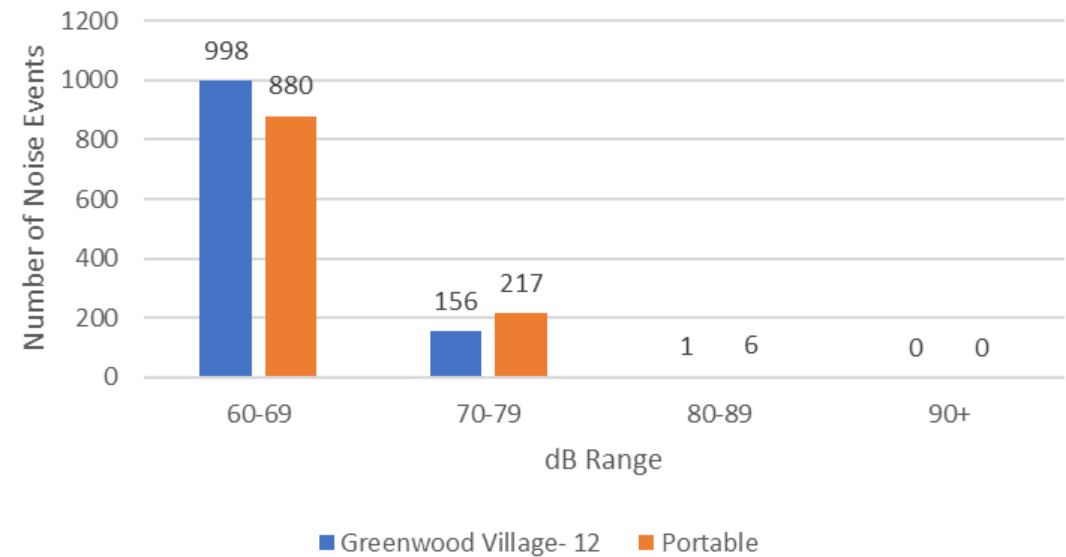
Total: 269



March 2023 Aircraft Noise Event dB Range by Monitor



March 2023 Aircraft Noise Event dB Range by Monitor



April Data
4/8/23 – 5/8/23 (31 days)

Aircraft DNL	45.1	The 24-hour average sound level of aircraft with a 10dB penalty for nighttime noise events.
Community DNL	50.7	The 24-hour average sound level of the community with a 10dB penalty for nighttime noise events

Centennial Airport-associated aircraft flight paths within 1 mile of Portable Monitor for duration of Portable Noise Monitor stay (31 days)

Props: 2,417

Jets: 941

Heli: 33

Unknown: 356

Total: 3,747

Total DNL	52.0	The 24-hour average sound level with a 10dB penalty for nighttime noise events
Average Aircraft LMax (dB)	65.8	The peak noise level for a single aircraft noise event.

Centennial Airport Aircraft Noise Events at Portable Monitor

1,005

Non-Centennial Airport Aircraft Noise Events at Portable Monitor

37

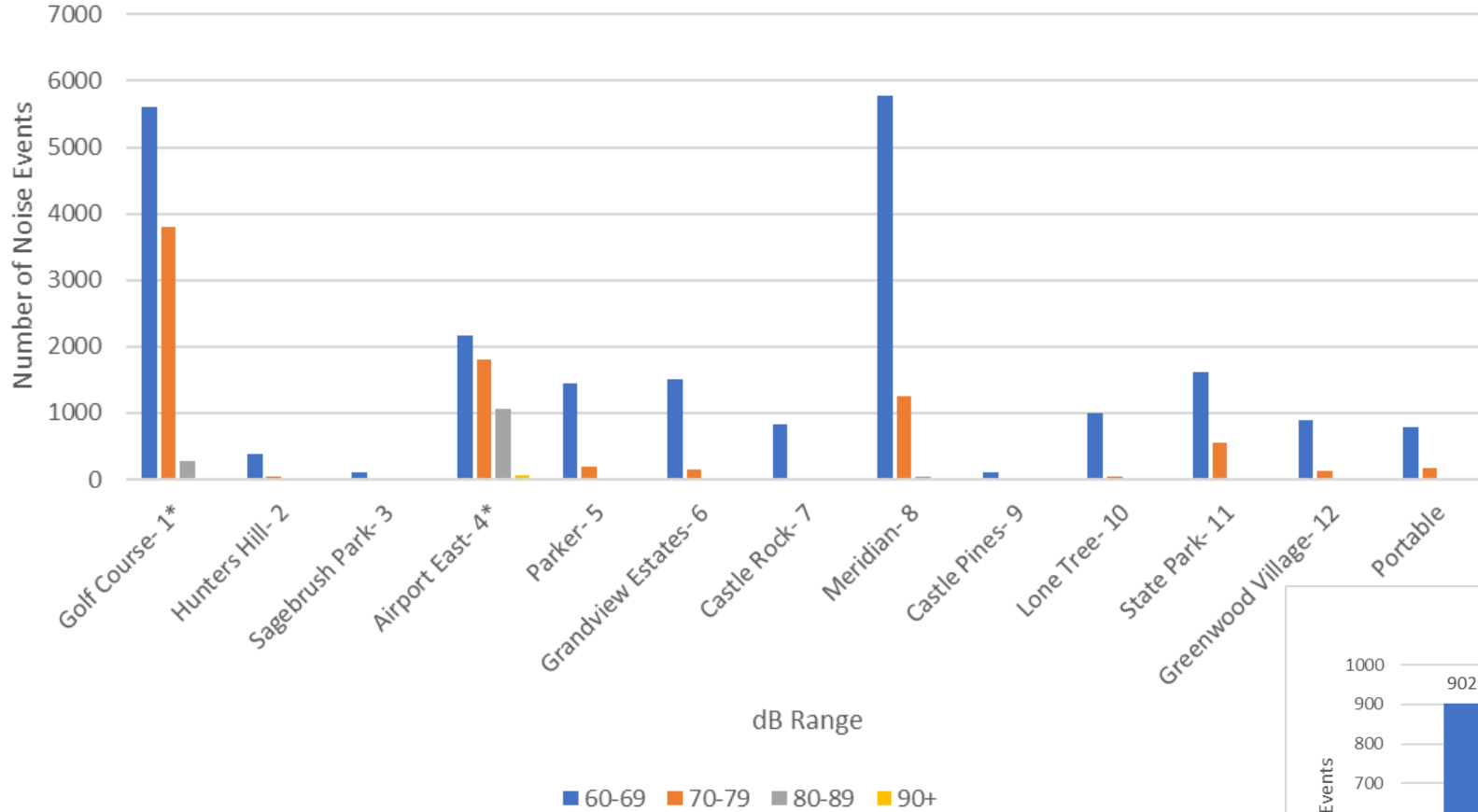
Total Aircraft Noise Events at Portable Monitor

1,042

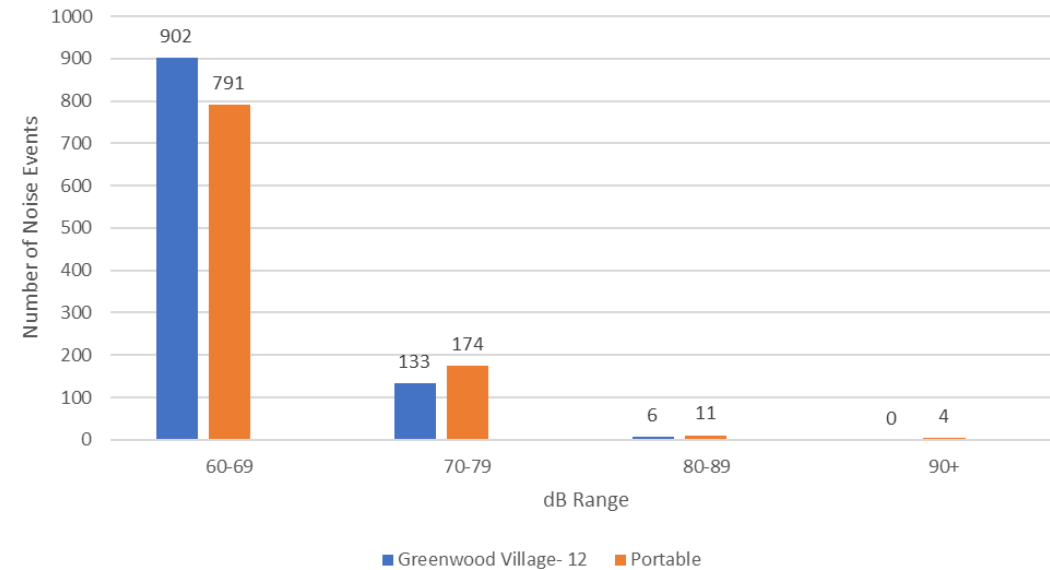
Total Community Noise Events at Portable Monitor

Total: 439

April 2023 Aircraft Noise Event dB Range by Monitor



April 2023 Aircraft Noise Event dB Range by Monitor





CACNR Report of June 7, 2023, Meeting
to ACPAA, June 8, 2023

Presented by Andy Jones, Highlands Ranch Metropolitan District Representing CACNR

- Louis Dupart briefed the community on the efforts of The Normandy Group to push the Federal Aviation Administration (FAA) to assign an expert to a proposed Technical Working Group that will focus on mitigating training propellor aircraft operations from populated residential communities.
- Robert Olislagers gave a state of the industry update on Eliminate Aviation Gasoline Lead Emissions (known as EAGLE).
 - Their initiative is to eliminate leaded avgas by the year 2030.
 - They would like to accomplish this before FAA and EPA regulations mandate the change following the upcoming likely EPA Endangerment Finding.
- Public Comment: 18 people attended the meeting in-person, 20 attended online. 5 people commented in-person, and 1 commented from online.
 - Discussion remains that the residential community is experiencing several propellor training aircraft over their homes daily.
- Samantha Blymyer presented a noise report for the portable noise monitor that is currently located in Greenwood Village.
 - Data showed Community DNL higher than Aircraft DNL for the months of January-April.
 - Data showed that on average, the portable noise monitor collects near the same amount of noise events as the permanent Greenwood Village noise monitor, but collects less noise events within the 60-69 dB range, and more noise events within the 70-79 dB range than the permanent monitor.
- Chris Eubanks summarized the UC Davis Noise Conference he attended in May. He reported that the Noise 101 course was very informative, but he felt the conference was very geared towards large commercial airports and did not reflect on general aviation airports as much as he had liked it to.





NextGen Advisory Committee (NAC) Meeting Agenda

Date: Monday, June 12, 2023
Time: 1:00pm – 4:15pm (ET) (estimated times)
Location: FAA Headquarters
800 Independence Avenue Southwest
Washington, DC 20591
(Virtual Attendance Option Available)

Item	Time (ET)	Topic
1.	1:00 – 1:10 10 Minutes	Opening Remarks
2.	1:10 – 1:20 10 Minutes	Chair Report
3.	1:20 – 1:50 30 Minutes	FAA Report
4.	1:50 – 2:30 40 Minutes	Chair's Roundtable: NextGen in Denver
5.	2:30 – 2:40 10 Minutes	10-Minute Break
6.	2:40 – 3:40 60 Minutes	NAC Subcommittee (SC) Chair Report
7.	3:40 – 4:00 20 Minutes	FAA Topics
8.	4:00 – 4:05 5 Minutes	Review of Action Items & Other Business
9.	4:05 – 4:15 15 Minutes	Closing Comments & Adjourn

Samantha Blymyer

From: UC Davis Air Quality Research Center <airqualityevents@ucdavis.edu>
Sent: Thursday, July 20, 2023 10:01 AM
To: Samantha Blymyer
Subject: Announcing the 2024 ANE Symposium!

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



University of California, Davis
**Aviation Noise &
Emissions Symposium**

March 4-6, 2024 - Hotel Zoso, Palm Springs

Save the date for 2024!



Back to Palm Springs!

While we love our campus, we are ecstatic to be welcomed back to Palm Springs after several years away. The 2024 Symposium will be hosted at Hotel Zoso in downtown Palm Springs, February March 4 – March 6, 2024. We hope you can join us in-person!

Save the Date for 2024



Visit Sunny Palm Springs

March is the best time of year in Palm Springs. Enjoy the desert oasis by exploring Joshua Tree National Park and taking a swing at a golf course!

March 4 – 6, 2024

Mark your calendars!

Sincerely,

Sandra Hall
Symposium Manager
Air Quality Research Center
<https://anesymposium.aqrc.ucdavis.edu/>

University of California, Davis <https://aqrc.ucdavis.edu>



ATTENDANCE RECORD for 2023 - 2024 CACNR MEETINGS		2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2024	2024	2024	MEMBER REPRESENTED	
		APR	MAY	JUNE	JULY*	AUG	SEPT	OCT	NOV	DEC*	JAN	FEB	MAR	%	TOTAL %	
ARAPAHOE COUNTY	Leslie Summey	X	X	absent										67%	67%	
	Alternate Vacant	-	-	absent										0%		
	Paul Krier	X	X	absent										67%	67%	
	Alternate Evan Colvin	-	-	absent										0%		
DOUGLAS COUNTY	Abe Laydon	-	-	-										0%	100%	
	Alternate Dan Avery	X	X	X										100%	100%	
	Alison Biggs	X	X	X										100%	100%	
	Alternate Mark Adams	-	-	-										0%		
AURORA	Brad Pierce	X	X	X										100%	100%	
	Mindy Parnes	-	-	-										0%		
CASTLE PINES	Chris Eubanks	X	absent	X										67%	67%	
	Ben Price	-	absent	-										0%		
CASTLE ROCK	Laura Cavey	-	absent	absent										0%	33%	
	Sandy Vossler	virtual	absent	absent										33%		
CENTENNIAL	Candace Moon	X	X	X										100%	100%	
	Don Sheehan	-	-	-										0%		
CHERRY HILLS VILLAGE	Robert Eber	absent	absent	absent										0%	0%	
	Randy Weil	absent	absent	absent										0%		
FOXFIELD	Pam Thompson	X	X	X										100%	100%	
	Frank Lawrence	-	-	-										0%		
GREENWOOD VILLAGE	Donna Johnston	X	X	X										100%	100%	
	Libby Barnacle	-	-	-										0%		
HIGHLANDS RANCH	Andy Jones	X	X	X										100%	100%	
METROPOLITAN DISTRICT	Renee Anderson	-	-	-										0%		
LONE TREE	Mike Anderson	X	X	X										100%	100%	
	Chuck Darnell	virtual	-	-										33%		
PARKER	Todd Hendreks/Ashley Chasez	X	virtual	absent										67%	67%	
	Vacant	-	-	absent										0%		
ACPAA	Mike Fronapfel	X	X	X										100%	100%	
	Vacant	-	-	-										0%		
AOPA	Robert Doubek/John Hirshman	X	X	X										100%	100%	
	John Hirshman/Vacant	-	-	-										0%		
CABA	Don Kuskie	absent	X	absent										33%	33%	
	Mike Straka	absent	-	absent										0%		
CDOT AERONAUTICS DIVISION	Todd Green	absent	absent	absent										0%	0%	
	Vacant	absent	absent	absent										0%		
WINGS OVER THE ROCKIES	Bill Wasmund	absent	X	X										67%	67%	
	Vacant/Jordan Ashley	absent	X	-										33%		
* No meetings in July or December																
CACNR BYLAWS ADOPTED November 3, 2021:																
ARTICLE III.c. Members' Representatives and/or Alternates are expected to attend all regular and special meetings. If a Regular Member's Representative or Alternate does not attend at least 75% of such meetings annually in the period from April 1 through March 31, the Regular Member will be notified for potential appointment of a replacement(s).																
															07 16 2023	