



**CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE
MINUTES**

October 4, 2023

Approved November 1, 2023

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 6:31 p.m. by Chair Brad Pierce. The following were in attendance, and a quorum was present:

Arapahoe County:	Leslie Summey	Greenwood Village:	Donna Johnston
Arapahoe County:	Paul Krier	Lone Tree:	Mike Anderson
Douglas County:	Dan Avery	Parker:	Ashley Chasez
Douglas County:	Alison Biggs	ACPAA:	Mike Fronapfel
Aurora:	Brad Pierce	AOPA:	John Hirshman
Castle Pines:	Chris Eubanks	CABA:	Don Kuskie
Centennial:	Candace Moon	Wings Over the Rockies:	Bill Wasmund
Foxfield:	Pam Thompson		

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

Those absent were: Castle Rock: Laura Cavey/Sandy Vossler Highlands Ranch: Andy Jones /Renee Anderson
Cherry Hills Village: Robert Eber/Randy Weil CDOT Aeronautics Div: Todd Green/Vacant

2. **CONSENT AGENDA:** The Consent Agenda included the Draft CACNR Minutes from September 6, 2023; a Treasurer’s Report from October 2 2023, showing a balance of \$28,575.35; and the August 2023 Noise Report. Donna Johnston requested that the Noise Report be removed from the Consent Agenda; request was granted. On the motion of Alison Biggs, duly seconded, the remainder of the Consent Agenda was approved.

The **August 2023 Noise Report** included the following information:

August Local Operations:	21,202	August Total Operations:	38,695
Year to Date Local Operations:	130,370	Year to Date Total Operations:	242,052

38,695 Total Operations in August resulted in 1,574 complaints from 138 households.

August Noise Events:

<u>August Total:</u>	<u>August 60 – 69 db:</u>	<u>August 70 – 79 db:</u>	<u>August 80 – 89 db:</u>
Golf Course 11,832	Meridian 7,892	Golf Course 4,190	Airport East 719
Meridian 10,242	Golf Course 7,343	Meridian 2,279	Golf Course 284
Airport East 3,522	Parker 2,612	Airport East 1,097	Meridian 63
State Park 3,042	Portable Station 2,282	State Park 1,005	Portable Station 24
Parker 2,873	State Park 2,024	Portable Station 427	Greenwood Village 11
Portable Station 2,733	Grandview Estates 1,699	Parker 259	State Park 11
Grandview Estates 1,911	Airport East 1,659	Grandview Estates 203	Grandview Estates 9
Greenwood Village 1,222	Greenwood Village 1,103	Greenwood Village 108	Hunters Hill 7
Lone Tree 999	Lone Tree 920	Lone Tree 77	Lone Tree 2
Castle Rock 587	Castle Rock 562	Hunters Hill 71	Parker 2
Hunters Hill 546	Hunters Hill 468	Castle Rock 24	Castle Rock 1
Castle Pines 306	Castle Pines 288	Castle Pines 18	Castle Pines 0
Sagebrush Park 134	Sagebrush Park 125	Sagebrush Park 9	Sagebrush Park 0

August Noise events in the 90+ decibel range: Airport East – 47 Golf Course – 15 Meridian – 8 State Park – 2

<u>August Noise Complaints 574)and</u> (1,574)	<u>Numbers of Households:</u> (138)	<u>YTD Complaints and</u> (7,641)	<u>Number of Households:</u> (353)
Unincorporated Arapahoe County 594 (38 %)	UAC 61 (44%)	UAC 3,294 (43%)	UAC 169(48%)
Greenwood Village 411 (26%)	Greenwood Village 37 (27%)	GW Village 2,184 (29%)	GV 74 (21%)
Parker 239 (15%)	UDC 10 (8%)	Parker 636 (8%)	Other 22 6%)
Centennial 107 (7%)	Highlands Ranch 6 (4%)	Centennial 616 (8%)	UDC 19 (5%)
Castle Rock 82 (5%)	Centennial 5 (4%)	Castle Rock 291 (4%)	Centennial 13 (4%)
Unincorporated Douglas County 57 (4%)	Lone Tree 5 (4%)	UDC 291 (4%)	Lone Tree 11 (4%)
Denver 38	Castle Rock 4	Denver 118	Parker 11
Highlands Ranch 20	Aurora 3	Other 74	Aurora 10
Lone Tree 12	Other 3	Aurora 57	Highlands 10
Aurora 9	Denver 2	Lone Tree 40	Castle Rock 7
Other 4	Castle Pines 1	Highlands Ranch 33	Denver 4

Castle Pines	1	Parker	1	Castle Pines	7	Castle Pines	3
Cherry Hills Village	0	Cherry Hills Village	0	Cherry Hills V	0	Cherry Hills	0

Year to Date, the top five households complaining were:

Household #1	1,253	Greenwood Village	Household #4	563	Unincorporated Arapahoe County
Household #2	621	Parker	Household #5	364	Unincorporated Arapahoe County
Household #3	591	Centennial			

In August, 115 responses were requested from 1,574 noise complaints, with 90 of those requests made by email (78%), and 25 made by telephone (22%).

In August, 1,323 complaints were made about **daytime flights** (7:00 a.m. – 9:59 p.m.) – 84%. **251 complaints** were made about **nighttime flights** (10:00 p.m. – 6:59 a.m.) – 16%.

In August, props accounted for **84% of the complaints by aircraft type; jets** accounted for **15% of the complaints**, and **helicopters caused 1%**.

In August, departures were responsible for 36% of the complaints, **training** was responsible for 34% of the complaints, and **arrivals** were responsible for **30%** of the complaints.

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

3. **ITEMS REMOVED FROM THE CONSENT AGENDA:** Donna Johnston provided comparative figures related to the noise reports. There had been 302,660 aircraft operations at the airport in 2022, with 350,000 operations anticipated in 2023. According to the FAA, there had been a 74% increase in operations between 2019 and 2022; Centennial Airport’s figures show a 50% increase in that time frame. Both were significant. As operations increased, complaints increased threefold: in August 2022 there had been 14,508 operations and 618 complaints; in August 2023, there had been 21,173 operations and 1,575 complaints.

The placement of the portable noise monitor at Orchard and Havana has resulted in a dramatic increase in recorded noise events compared to the permanent noise monitor which is at a lower elevation and further west. In August, the permanent monitor registered 1,222 noise events of 60 decibels or higher, with 11 in the 80-89 decibel range. The portable monitor registered 2,733 such noise events, with 24 in the 80-89 decibel range. This example demonstrates how the placement of the monitors does affect the resulting noise measurements and may not accurately reflect the noise with which the communities have to live.

On the motion of Alison Biggs, duly seconded, the August Noise Report was accepted.

4. **SPECIAL PRESENTATION – DOUGLAS COUNTY PLANNING DEPARTMENT:** Dan Avery gave an overview of Douglas County’s land use processes, including its master plan, zoning, and subdivision. The presentation included a discussion of land use approval criteria and master plan policies that are relevant to noise and compatibility issues. The presentation also included a brief discussion of zoning history, and the history of Douglas County’s airport compatibility regulations. There was discussion of the use of updated noise contours, how a master plan is used to approve or disapprove a zoning request, and the need to keep such plans and contours up to date.

Mike Anderson noted Lone Tree is reviewing its master plan now, and will communicate with land owners about what they want to create with the various development areas, the city center, and open space. Zoning is important, as development cannot be denied if all zoning requirements are met. Lone Tree had recently approved a condo development which had been opposed by both the FAA and Centennial Airport.

5. **CACNR STUDY GROUP COMMITTEE:** An update report, dated October 4, 2023, was provided. The Introduction to the report stated “This is the first progress report of the Centennial Airport Community Noise Roundtable Study Group Committee (Study Group). This report focuses on the establishment of the group and the mitigation strategies the Study Group has identified as viable and can be implemented immediately or in the short term before the summer of 2024. Strategies whose viability has not been determined are not included in this progress report. As additional short-term strategies are identified and viability is determined, such strategies and conclusions will be folded into subsequent reports. “

This report provided a history of the formation of the group which had met 8 times since July 21st. Dealing with noise is its sole topic, although issues such as lead emissions might be affected by solutions found to the noise problem. It also wished to measure change or progress in this regard, and experts would be added to meetings as needed. The challenges and limitations for the group were outlined; and all possible mitigation strategies would be evaluated.

Two mitigation strategies had been selected as being able to be implemented by the FAA on October 5th. The first would be during the late evening and early morning hours, when FAA-ATC determine it is possible, the main runway (17L/35R) would be utilized so that pattern work would be conducted east of the airport over commercial areas. The second to be implemented on October 5th would be to have the noise sensitive areas added to the radar display in the control tower.

Some other strategies such as pilot education/awareness and ACPAA data/tracking strategies, with non-specific implementation dates either in 2023 or 2024 were noted.

One important strategy will be for the airport to add an FTE in 2024 to improve the staff's ability to provide investigation, analysis and reporting of data from the Airport Noise and Operations Monitoring System (ANOMS).

It was again mentioned not all the mitigation strategies being considered were included in this report. Additional options would continue to be explored, and the next update was given as Spring of 2024.

Several questions were raised about other possible mitigations, with members of the Study Group reiterating that all mitigations were under consideration, though some would take longer than others to work their way through the bureaucracy for a determination if they can actually be implemented. Stress was placed on finding mitigations to be implemented sooner rather than later if at all possible, as things were getting worse, not better. Question was raised about how the two above listed mitigations would be measured to assess any improvement, and would CACNR be able to see those measurements. Request was also made for the FAA to do something to decrease the overall traffic. A final request was for the next report to be made available sooner than Spring of 2024, unless Spring was defined as perhaps January or February.

6. **PUBLIC COMMENT:**

1. Received by CACNR – none

2. Meeting Attendees - Chair Pierce opened the meeting for public comment. There were approximately 14 in attendance and another 30 on line. The majority of those commenting were again from Englewood, Greenwood Village, Sundance Hills in Greenwood Village, Centennial, Orchard Hills in Greenwood Village, Cherry Creek Vista South in Unincorporated Arapahoe County, Unincorporated Arapahoe County, Cherry Creek Farms, Ponderosa Park, Lone Tree, Elizabeth and Louviers. Comments are summarized below:

The generalized overall thoughts continued from previous meetings that things have either not changed or have gotten much worse in the last year. What good does it do to make concerns known if nothing is ever accomplished? Will the public ever be listened to? Could proposed changes be made more specific than 'when possible.' The public needs and deserves to know that something will actually happen rather than being left to wonder what subjective variables will result in no changes being made. Concerns were expressed again about the perceived lack of interest or care on behalf of the flight schools.

Request was made for the noise sensitive areas to be updated in the Noise Abatement Guidelines, and for those updated areas to be the ones added to the radar display being used by the control tower. There was also concern that something be done to address/investigate the elevations of various aircraft, as more comments were made about planes flying what was perceived to be too low and/or buzzing over homes. Instances were reported where who was in the cockpit could actually be clearly seen from the ground, in areas not related to the landing zones. Verified reports of planes being 400-600 feet over a home which were reported, but no change had been noted. Safety is becoming of more concern.

One member of the public had noted there were 84 objectional flights in a 7-hour period, and wondered how to best submit 84 complaints.

Observation was made that DIA flight paths seemed to have changed, with more flights coming down I25 and cutting west at Arapahoe Road or elsewhere. Even though they are at higher elevations, they are still noticeably noisy and there was inquiry why. Foxfield reported noticing this difference since the implementation of Metroplex, and Surrey Ridge also reported noticing more DIA high but noisy flights as well. Mike Fronapfel indicated staff would look into the situation. The Study Group might also give this matter some attention.

Continued feelings that the situation is stacked against the communities, with the FAA only caring about the aircraft industry and profits. So many things that might help the communities are not allowed by the FAA, yet it says it is up to the airports to control noise.

Continued feelings that ACPAA does not represent or really recognize the concerns of the communities. Meetings are held during work hours when it is difficult for the average member of the public to attend, and those who sit on it are more pilot or industry representative than public representatives.

There was comment about the use of afterburners by Navy pilots when the Air Force does not allow its planes to depart in afterburners. Why cannot Centennial Airport require the same, or establish a 3,000 foot above ground level limit for their use around the airport. Response was that Centennial does not control the airspace above it, and DIA has priorities which Centennial must honor.

7. **EXECUTIVE COMMITTEE:**

Notes - the September ACPAA meeting had been cancelled, so there was no need to appoint a CACNR representative for September. Also Mike Whitaker had been nominated as the FAA Administrator.

A. REPRESENTING CACNR AT OCTOBER 14, 2023 ACPAA MEETING – Donna Johnston volunteered to fill that role.

B. SEPTEMBER 26, 2024 RETREAT – A full report of the retreat would be provided at the November 1, 2023 CACNR

meeting. There was a brief discussion of some aspects of the day, and notation that it may be time to learn more about how ACPAA actually sees CACNR and how that relationship might be enhanced to achieve CACNR's and any other mutual goals. .

C. CACNR 2024 DRAFT BUDGET – A draft 2024 budget would need to be presented for adoption in November. If possible, an annual report might be created to accompany the budget when any invoice would be presented to the various CACNR Members for 2024.

8. **OTHER COMMITTEE REPORTS:**

A. COMMUNITY OUTREACH – No report.

B. FLY QUIET – Two new noise abatement signs had been installed, and although they were not lighted, they were next to the taxi way lights and were reflective. The sign on Peoria Street was not function, and would hopefully be replaced by December, and would be larger.

C. NOISE MONITORS – No report. However, Candace Moon noted she would be termed out of her position in Centennial, so would likely be replaced on CACNR and there would therefor need to be a transition to a new chair for this committee.

D.

9. **OTHER REGULAR REPORTS:**

A. AIRPORT DIRECTOR'S REPORT, Mike Fronapfel

1. Study Group Committee – The report of the committee had already been discussed. He did note that he would like CACNR to recommend the addition of new staff as discussed in that report.

2. Flight School Activity – no report

3. Part 150 Study Update – a 2 million dollar grant for the Part 150 Noise and Land Use Compatibility Study had gone to the County in September, and had been approved.

4. Aviation Fuel – How Much Sold/What Kind – Numbers for September were not yet available.

5. Community Related Activity – Challenge Air for Kids had included 10 pilots, and 54 children had gotten to fly.

6. Other Airport Activity – The tower elevator was down for over a month, and likely would be down for two more months. There were no funds currently available to build a new tower, so completing all repairs to the current tower was now the primary goal.

New snow removal equipment was anticipated to arrive in March.

10. **OLD BUSINESS:** An updated CACNR attendance record had been provided.

11. **NEW BUSINESS:**

A. INFORMATION SHARING –

1. Representatives' Comments – none

2. Other – Randy Johnson from Louviers noted he had sent in comments on the noise report.

12. **PUBLIC COMMENT:** none.

13. **NEXT MEETINGS:**

A. CACNR –	November 1, 2023	6:30 p.m. 7565 S. Peoria Street, Unit 9D, Englewood, CO
	December, 20223	NO MEETING
	January 3, 2024	not confirmed, but usually scheduled 1 st Wednesday of each month

B. ACPAA –	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
	January, 2024	not confirmed, but ACPAA does not usually meet in January

14. **ADJOURNMENT:** The meeting was adjourned at 8:57 p.m.

Alison Biggs, Secretary