



CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE
MINUTES

December 1, 2021

Approved 01 05 22

VISION – QUIETER SKIES FOR OUR COMMUNITIES

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

Chair: Brad Pierce **Vice Chair:** Melissa Coudeyras **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:

Arapahoe County:	Carrie Warren-Gully	Highlands Ranch Metro District:	Andy Jones
Douglas County:	Dan Avery	Lone Tree:	Mike Anderson
Aurora:	Brad Pierce	Parker:	Amy Holland
Castle Pines:	Melissa Coudeyras	ACPAA:	Mike Fronapfel
Castle Rock:	Sandy Vossler (virtual)	CABA:	Don Kuskie
Centennial:	Candace Moon	Wings Over the Rockies:	Bill Wasmund
Greenwood Village:	Libby Barnacle		

Others in attendance were Arapahoe County Alternate Representative Bill Skinner; Aurora Alternate Representative Karen Hancock; Brianna Simon from Parker; past Centennial Alternate Representative Andrea Suhaka; and ACPAA staff Gina Conley, Rachel Keller, and Deborah Smith.

Those absent were:

Arapahoe County:	Paul Krier/Vacant	CDOT Aeronautics Div:	Todd Green/Vacant
Douglas County:	Alison Biggs/Mark Adams	FAA APA Control Tower:	Jeff Holmes/Ron Curry
Cherry Hills Village:	Al Blum/Afshin Safavi	FAA TRACON:	Steve Martin/Bill Dunn
Foxfield:	Pam Thompson/Frank Lawrence	FAA District Office:	John Bauer/John Sweeney
AOPA:	Bob Doubek/John Hirshman		

Due to the absence of the Secretary, the Chair appointed Melissa Coudeyras as Acting Secretary.

2. **PUBLIC COMMENT:**

A. **VIRTUAL/IN-PERSON MEETING ATTENDEES** – Randy Johnson of Louviers thanked airport staff for placing a portable noise monitor at his location last week. It had some issues, which had been fixed. The monitor would be in place for one week.

Kimberly Hellweg of Elizabeth noted frustration that it had been a month and there still had been no meeting with the flight schools. There was continual flight traffic over her Ponderosa Park neighborhood, and she was feeling targeted. It was noted the meeting with the flight schools was scheduled for December 6, 2021, and the training areas would be discussed.

James Slaggert of Orchard Hills #1 in Greenwood Village reported there were still planes flying constantly over his house. He thought residents should have the ability to know the tail numbers of offending aircraft, and should have the ability to specifically complain. Training airplanes are affecting personal property. He thought the flights schools should be sued by city councils, etc. for infringing on residents' peace on their properties.

B. **FROM CACNR EMAIL ADDRESS** – None.

3. **CONSENT AGENDA:** The Consent Agenda included the November 3, 2021, draft CACNR minutes; a Treasurer's Report dated November 24, 2021, which showed a balance of \$4,384.08; and the CACNR report to the November 12, 2021 ACPAA meeting from Alison Biggs. On the motion of Andy Jones, duly seconded, the Consent Agenda was approved.

4. **ITEMS REMOVED FROM CONSENT AGENDA:** None.

5. **COMMITTEE REPORTS:**

A. **EXECUTIVE /WORK PLAN COMMITTEES** –

1. The meeting with the flight schools was scheduled for December 6 at 2:00 p.m. Others who wished to be a part of that meeting were identified and would be provided with information on how to access it.

2. Invoices had been generated for each Regular Member, and would be going out in the next few days, to their Representatives and Alternates. Payments were to be sent to the address at the airport, which was on the invoice.

B. **COMMUNITY OUTREACH** – As Melissa Coudeyras will be leaving CACNR soon, the committee will need a new chair.

C. **FLY QUIET** – Bill Wasmund had provided a written report for the committee, which was included in the email packet. In relation to an incentive program for pilots to fly quieter, there are many factors to be considered which make it hard to judge a pilot's ability to fly quiet at any given time. More consideration is needed. Flight schools may need to fund mufflers and prop conversions etc. to make planes quieter. The Airport is looking into developing a proposal for rewarding pilots who comply with Fly Quiet procedures that will be presented to CACNR. Another approach might be based on reinforcement.

Work is still being done to find a second location for a noise abatement sign, possibly between taxiways Charlie 6 and 8 which are centrally located and provide a larger area for the sign. A runup area is slated for 2022 if grant money and approval are given.

The committee is still looking at other airports and their noise abatement programs and how they compare to ours.

Question was asked who the target audience was for the sign, with the response being any aircraft that operates on the Airport. Andy asked about posters being placed in the flight schools, with the response that they are already there; Mike Fronapfel stated that the Airport has provided posters to the FBO's and flight schools and even framed them to make them nice to hang. Fly Quiet brochures have also been distributed. They are also mailed to all gate card holders. Question was asked if we can follow up on a regular basis. Fronapfel stated that new gate cards are mailed out every October.

Question was asked about the budget for the sign. Rachel Keller stated that will be part of the FAA grant.

D. **NOISE MONITORS** – The committee would like to provide CACNR with another in-depth look at the capabilities of the Noise Monitoring software. Question was asked about the portable noise monitor placed at the agreed upon location in Highlands Ranch. Rachel Keller indicated it can be left there as long as good weather holds and it is not needed elsewhere.

1. A summary of the October Noise Report follows:

Total Local Operations: Oct – 11,698	Sept. – 13,547	Aug. – 12,181	July – 12,151	June – 12,974	May – 9,243	April – 13,579
Total Operations: Oct – 27,315	Sept. – 30,309	Aug. – 29,544	July – 29,468	June – 30,148	May – 22,855	April – 27,444
YTD Total Operations: Oct – 264,135	Sept. – 236,820	Aug. – 206,511	July – 176,967	June – 147,499	May – 117,351	April – 94,496
Noise Events: Oct – 30,553	Sept. – 31,664	August – 30,170	July Total – 30,495	June total – 34,335	May Total – 28,869	

Noise Events Recorded at Each Noise Monitor:

<u>Oct. Totals:</u>	<u>Oct. 60 – 69 db:</u>	<u>Oct. 70-79 db:</u>	<u>Oct. 80-89 db:</u>
9,175 Golf Course	5,739 Meridian	3,432 Golf Course	536 Airport East
7,435 Meridian	5,541 Golf Course	1,635 Meridian	195 Golf Course
3,110 State Park	2,167 State Park	923 Airport East	54 Meridian
3,075 Airport East	2,013 Parker	919 State Park	21 State Park
2,236 Parker	1,575 Airport East	217 Parker	9 Grandview Estates
1,553 Grandview Estates	1,339 Grandview Estates	203 Grandview Estates	7 Greenwood Village
1,160 Greenwood Village	1,066 Castle Rock	121 Greenwood Village	6 Parker
1,125 Castle Rock	1,032 Greenwood Village	59 Castle Rock	3 Hunters Hill
806 Lone Tree	749 Lone Tree	57 Lone Tree	0 Castle Pines
535 Hunters Hill	492 Hunters Hill	40 Hunters Hill	0 Castle Rock
178 Castle Pines	159 Castle Pines	19 Castle Pines	0 Lone Tree
165 Sagebrush Park	151 Sagebrush Park	14 Sagebrush Park	0 Sagebrush Park

Oct. noise events in the 90+ decibel range were: Airport East – 41 Golf Course – 7 Meridian – 7 State Park - 3 Grandview Estates – 2

Noise Complaints and Numbers of Households: Oct – 1,174 & 42 Sept – 1,618 & 55 August – 1,497 & 67 July – 1,562 & 112

<u>October Complaints:</u>	<u>October Households:</u>
455 U Douglas County (39%)	72 Other (6%)
239 Greenwood Village (20%)	67 Aurora (6%)
121 Castle Rock (10%)	12 Highlands Ranch (1%)
102 Centennial (9%)	7 Lone Tree (0.6%)
94 U Arapahoe County (8%)	4 Denver (0.3%)
	1 Cherry Hills Village(0.09%)
	2 Centennial (5%)
	10 U Arapahoe County (24%)
	8 U Douglas County (19%)
	8 Greenwood Village (19%)
	6 Other (14%)
	2 Aurora (5%)
	2 Centennial (5%)
	2 Highlands Ranch (5%)
	2 Lone Tree (5%)
	1 Castle Rock (2%)
	1 Cherry Hills Village (2%)
	1 Denver (2%)

Comparatively, in September 2021, there were 1,618 complaints from 30,309 operations. In August 2021, there had been 1,497 complaints from 29,544 operations. In July 2021, there had been 1,562 complaints from 29,468 operations; in June 2021, there had been 1,476 complaints from 30,148 operations.

Year to Date, at the end of **October 2021**, there had been 12,104 complaints from 349 households:

<u>Complaints:</u>	<u>Households:</u>
3,427 U Douglas County (28%)	177 Highlands Ranch (1.5%)
3,223 U Arapahoe County (27%)	86 Parker (0.7%)
1,836 Greenwood Village (15%)	48 Lone Tree (0.4%)
1,131 Centennial (9%)	38 Denver (0.3%)
1,040 Castle Rock (8.6%)	34 Castle Pines (0.3%)
625 Other (5%)	2 Cherry Hills Village (0.02%)
437 Aurora (3.6%)	
	106 U Arapahoe County (30%)
	80 Greenwood Village (23%)
	35 U Douglas County (10%)
	26 Other (7.5%)
	25 Centennial (7%)
	16 Denver (4.6%)
	12 Lone tree (3%)
	11 Aurora (3%)
	8 Highlands Ranch (2%)
	7 Castle Pines (2%)
	6 Castle Rock (2%)
	6 Parker (2%)
	1 CHV (0.3%)

October had 90 noise complaint responses requested, 59 by email (66%) and 31 by telephone (34%). **Year to date** at the end of October 2021, there had been **1,189 responses requested**, with 647 requests made by email (54%) and 542 by telephone (46%).

1,048 of the 1,174 complaints in October were about flights during **day hours** (89%); 126 were about **night flights** (11%)

Year to date at the end of October, the **top five complaining households** were in:

2,494	Unincorporated Douglas County (21%)	1,235	Unincorporated Arapahoe County (10%)
1,362	Greenwood Village (11%)	1,167	Unincorporated Arapahoe County (9.6%)
		882	Castle Rock (7%)

Props accounted for 70% of the complaints by aircraft type in October, while **jets accounted for 29% of the complaints**, and **1% were about helicopters**. These figures do not include complaints made by the top complaining household.

Departures were responsible for **45%** of the complaints in October. **Arrivals** were responsible for **36%** of the complaints, and **Training** was responsible for **18%** of the complaints in October. Again, these figures do not include complaints made by the top complaining household.

The graph showing the 13-month relationships between airport operations and the numbers of complaints with and without the top complaining household removed was again provided.

The October and Year to Date complaint maps continued to show the **largest cluster of complaints** located north and slightly west of the airport's north-south runway. In October, there had been 3 complaining households from outside the map boundaries. Year to date by the end of October, there had been 27 households located outside the map area.

Four October 2021 Radar Track Density Maps were included, which demonstrated that Metroplex has changed the flight tracks for Centennial Airport. The relationship between DIA traffic and that of Centennial Airport was demonstrated, with Centennial traffic being routed around DIA traffic, causing a huge impact for residents on the ground in this area. Question was asked if it would be worth comparing year to year or 5 years? Airport staff can and has generated a 35-year comparison as well.

Question was asked if Metroplex changed the altitudes of Centennial flights. Response was that no change was made to altitudes, only flight tracks. Question was asked about Elbert County on the noise complaints, as we had a public comment from an Elizabeth resident. It falls under "other". Request was made for that to be separated out. Mike Fronapfel and Rachel Keller stated that could be considered now that there are more complaints from that area.

Question was asked about any recourse CACNR has with the flight schools? Rachel Keller stated that outreach with the flight schools and collaborating with them is what we can do. The goal is to develop a good relationship and gain their cooperation. We can't make them do anything. The Airport meets with the flight school multiple times a year. It's in the flight schools' best interest to fly quiet and be good neighbors. Mike Fronapfel said that majority of flights are operating legally. It is rare that someone is operating outside of legal parameters. Rachel Keller noted when the flight training "boxes" were created 30 years ago, there weren't homes in those areas and they were created for safety. This will be part of the discussion with the flight schools. Question was asked about quiet hours. Rachel Keller said that voluntary quiet hours are between 10 pm and 7 am. It was noted pilots have to do some night operations for their ratings.

E. **WORK PLAN** – No report.

6. **FAA REPORTS:**

A. **CENTENNIAL (APA) AIR TRAFFIC CONTROL TOWER** – No report

7. **OTHER REGULAR MONTHLY REPORTS:**

A. **ACPAA** – No report

B. **AIRPORT DIRECTOR'S REPORT** – Mike Fronapfel reported strong activity at the airport, with October showing large jet fuel sales. Five new hangars will be under development in the next year, with ten more to come.

The airport has received 3 small grants received so far, with a possibility of some additional grants in the next year.

The Colorado Aircraft Business Association Is looking into laser pointers aimed at aircraft, which can blind pilots. It may consider legislation to prohibit this. Question was asked if they have a lobbyist to take it forward? Fronapfel indicated CABA does have a lobbyist and they are working to get someone to sponsor such legislation.

Fronapfel indicated he and Rachel Keller would be attending a Planning and Zoning meeting at the City of Centennial, regarding a residential development proposed that is too close to the Airport. It was considered the worst location ever seen by them, and the airport strongly opposes the development. Noise monitors at that location regularly exceed 90 decibels.

8. **OLD BUSINESS:**

A. **DRAFT 2022 MEETING SCHEDULE FOR CACNR & ACPAA, WITH CACNR REPRESENTATIVES TO ACPAA** – The draft 2022 meeting schedule was provided, and dates were discussed. ACPAA does not meet in January, so whether CACNR wanted to mirror that schedule was considered. Brad Pierce said it didn't have to be decided tonight, but following further discussion, it was agreed to meet in January, particularly to consider follow-up to the December meeting with the flight schools.

Candace Moon noted the need to have a combined January/February CACNR report to the February ACPAA meeting. She will be able to represent CACNR in March 2022.

B. **CONGRESSIONAL QUIET SKIES CAUCUS** – Brad Pierce is working with Emily Tranter of N.O.I.S.E. to arrange a meeting with Congressman Jason Crow.

C. **ACTION ITEMS FROM PRIOR CACNR MEETINGS** – No action

D. **UC DAVIS NOISE AND EMISSIONS SYMPOSIUM** – May 1-3, 2022 at UC Davis in California. Registration likely will be similar to the prices from the 2020 event: Early Bird by January 31, 2022, \$380 for community. Registration begins 12/1/21.

9. **NEW BUSINESS:**

A. **INFORMATION SHARING** - None.

10. **PUBLIC COMMENT:** Kim Hellweg of Elizabeth commented that they should have someone from Elbert County representing them on CACNR. Elizabeth has grown a lot, and residents are noticing more aircraft noise. She understands the need for flight schools to use all the training areas, but would prefer flights not be so consistent over her neighborhood. Brad Pierce will provide her with information on how to become a CACNR member. Also, Dan Avery will reach out to the Elbert County manager to see if the County is interested.

Randy Johnson thanked Gina Conley for coming out to his house to help Rachel with the noise monitor.

11. **NEXT MEETINGS:**

A. CACNR – January 5, 2022	6:30 p.m. 7565 S Peoria Street, Unit 9D
February 2, 2022	6:30 p.m. 7565 S Peoria Street, Unit 9D
March 2, 2022	6:30 p.m. 7565 S Peoria Street, Unit 9D
B. ACPAA – Dec 9, 2021	3:00 p.m. 7565 S Peoria Street, Unit 9D, Englewood, CO
Jan 2022	Not Meeting
Feb 10, 2022	3:00 p.m. 7565 S Peoria Street, Unit 9D, Englewood, CO
March 10, 2022	3:00 p.m. 7565 S Peoria Street, Unit 9D, Englewood, CO

12. **ADJOURNMENT:** The meeting was adjourned at 8:04 p.m.

Melissa Coudeyras, Acting Secretary