



**CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE
MINUTES**

August 2, 2023
Approved 09/06/23

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:

Arapahoe County:	Leslie Summey	Greenwood Village:	Donna Johnston
Arapahoe County:	Paul Krier - virtually	Lone Tree:	Mike Anderson
Douglas County:	Alison Biggs	Parker:	Ashley Chasez – virtually
Aurora:	Brad Pierce	ACPAA:	Mike Fronapfel
Castle Pines:	Chris Eubanks	AOPA:	John Hirshman
Centennial:	Candace Moon	Wings Over the Rockies:	Jordan Ashley

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

Those absent were: Douglas County: Abe Laydon/Dan Avery Highlands Ranch: Andy Jones/Renee Anderson
 Castle Rock: Laura Cavey/Sandy Vossler CABA: Don Kuskie/Mike Straka
 Cherry Hills Village: Robert Eber/Randy Weil CDOT Aeronautics Div: Todd Green/Vacant
 Foxfield: Pam Thompson

2. **CONSENT AGENDA:** The Consent Agenda included the Draft CACNR Minutes from June 7, 2023; a Treasurer’s Report from July 28 2023, showing a balance of \$29,575.35; the invoice for the N.O.I.S.E. dues; and the May and June 2023 Noise Reports. On the motion of Mike Anderson, duly seconded, the Consent Agenda was approved.

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

May Local Operations:	17,854	May Total Operations:	31,169
Year to Date Local Operations:	56,396	Year to Date Total Operations:	137,856

31,169 Total Operations in May resulted in 1,239 complaints from 121 households.

May Noise Events:

<u>May Total:</u>	<u>May 60 – 69 db:</u>	<u>May 70 – 79 db:</u>	<u>May 80 – 89 db:</u>
Golf Course 9,817	Meridian 6,053	Golf Course 4,060	Airport East 652
Meridian 7,914	Golf Course 5,440	Meridian 1,807	Golf Course 303
Airport East 4,614	Airport East 2,369	Airport East 1,464	Lone Tree 60
State Park 2,312	Parker 1,784	State Park 735	Meridian 48
Parker 1,999	State Park 1,570	Lone Tree 343	Greenwood Village 13
Grandview Estates 1,699	Grandview Estates 1,521	Parker 212	Castle Rock 7
Greenwood Village 1,291	Castle Rock 1,138	Grandview Estates 172	Grandview Estates 5
Castle Rock 1,199	Greenwood Village 1,109	Greenwood Village 169	State Park 5
Lone Tree 1,199	Lone Tree 787	Hunters Hill 67	Parker 2
Hunters Hill 623	Hunters Hill 555	Castle Rock 54	Hunters Hill 1
Castle Pines 223	Castle Pines 201	Castle Pines 22	Castle Pines -
Sagebrush Park 126	Sagebrush Park 119	Sagebrush Park 7	Sagebrush Park -

May Noise events in the 90+ decibel range: Airport East – 129 Castle Rock – 76* Golf Course – 14 Lone Tree – 9 Meridian – 6
 State Park - 2 Grandview Estates – 1 Parker – 1 *some may have been nearby bird

<u>May Noise Complaints and</u>	<u>Numbers of Households:</u>	<u>YTD Complaints &</u>	<u>Number of Households:</u>
(1,239)	(121)	(3,773)	(208)
Unincorporated Arapahoe County 523 (42 %)	UAC 53 (44%)	UAC 1,716 (45%)	UAC 95 (46%)
Greenwood Village 468 (38%)	Greenwood Village 31 (26%)	GW Village 1,297 (34%)	GV 52 (25%)
Centennial 84 (7%)	Other 9 (7%)	Centennial 325 (9%)	Other 18 (9%)
Parker 75 (6%)	UDC 8 (7%)	UDC 127 (4%)	UDC 10 (5%)
Unincorporated Douglas County 31 (3%)	Aurora 4 (3%)	Parker 113 (3%)	Centennial 7 (3%)
Castle Rock 19	Castle Rock 4	Castle Rock 81	Parker 6
Other 14	Centennial 4	Other 59	Aurora 5
Lone Tree 11	Lone Tree 3	Aurora 25	Castle Rock 5

(Continued...)

<u>Noise Complaints:</u>		<u>Number of Households:</u>		<u>Noise Complaints:</u>		<u>Households:</u>	
Aurora	10	Highlands Ranch	2	Lone Tree	17	Lone Tree	5
Highlands Ranch	3	Parker	2	Highlands Ranch	10	Highlands	3
Castle Pines	1	Castle Pines	1	Castle Pines	3	Castle Pines	2
Cherry Hills Village	0	Cherry Hills Village	0	Cherry Hills	0	Cherry Hills	0
Denver	0	Denver	0	Denver	0	Denver	0

Year to Date, the top five household complaints were:

Household #1	802	Greenwood Village	Household #4	190	Unincorporated Arapahoe County
Household #2	515	Unincorporated Arapahoe County	Household #5	111	Unincorporated Arapahoe County
Household #3	316	Centennial			

In May, 79 responses were requested from 1,239 noise complaints, with 56 of those requests made by email (71%), and 23 made by telephone (29%).

In May, 1,168 complaints were made about daytime flights (7:00 a.m. – 9:59 p.m.) – 94%.
71 complaints were made about nighttime flights (10:00 p.m. – 6:59 a.m.) – 6%.

In May, props accounted for 87% of the complaints by aircraft type; jets accounted for 11% of the complaints, and helicopters caused 2%.

In May, training was responsible for 57% of the complaints; departures were responsible for 29% of the complaints, and arrivals were responsible for 14% of the complaints.

The May Complaint Map and a May Radar Track Density Map were provided.

The June 2023 Noise Report included the following information:

June Local Operations:	16,132	June Total Operations:	30,333
Year to Date Local Operations:	90,382	Year to Date Total Operations:	168,189

30,333 Total Operations in June resulted in 1,107 complaints from 137 households.

June Noise Events:

<u>June Total:</u>	<u>June 60 – 69 db:</u>	<u>June 70 – 79 db:</u>	<u>June 80 – 89 db:</u>
Golf Course 10,006	Golf Course 6,328	Airport East 3,351	Airport East 641
Meridian 8,254	Meridian 6,124	Meridian 2,038	Golf Course 317
Airport East 4,443	Airport East 2,372	Airport East 1,372	Meridian 86
State Park 2,560	Parker 2,175	State Park 945	Castle Rock 24
Parker 2,422	State Park 1,603	Parker 245	State Park 9
Grandview Estates 1,782	Grandview Estates 1,568	Grandview Estates 207	Grandview Estates 7
Lone Tree 998	Lone Tree 903	Greenwood Villag 98	Greenwood Village 7
Greenwood Village 899	Greenwood Village 794	Lone Tree 89	Hunters Hill 6
Hunters Hill 537	Hunters Hill 473	Hunters Hill 58	Lone Tree 4
Castle Pines 424	Castle Pines 397	Castle Pines 26	Parker 2
Castle Rock 373	Castle Rock 339	Sagebrush Park 20	Castle Pines 1
Sagebrush Park 167	Sagebrush Park 147	Castle Rock 10	Sagebrush Park -

June Noise events in the 90+ decibel range: Airport East – 58 Golf Course – 10 Meridian – 6 State Park – 3 Lone Tree – 2

<u>June Noise Complaints and</u> (1,107)	<u>Numbers of Households:</u> (137)	<u>YTD Complaints &</u> (4,880)	<u>Number of Households:</u> (269)
Unincorporated Arapahoe County 539 (54 %)	UAC 69 (50%)	UAC 2255 (46%)	UAC 126 (47%)
Greenwood Village 202 (20%)	Greenwood Village 22 (16%)	GW Village 1,499 (31%)	GV 58 (22%)
Parker 116 (10%)	UDC 11 (8%)	Centennial 402(8%)	Other 20 (7%)
Centennial 77 (7%)	Aurora 6 (4%)	Parker 229 (7%)	UDC 13 (5%)
Castle Rock 52 (5%)	Centennial 5 (4%)	UDC 171 (4%)	Centennial 9 (3%)
Denver 44	Lone Tree 5	Castle Rock 133	Lone Tree 9
Unincorporated Douglas County 44	Parker 5	Other 65	Parker 9
Aurora 14	Castle Rock 4	Denver 44	Aurora 8
Lone Tree 8	Other 4	Aurora 39	Castle Rock 6
Other 6	Denver 3	Lone Tree 25	Highlands 5
Highlands Ranch 3	Highlands Ranch 3	Highlands Ranch 13	Castle Pines 3
Castle Pines 2	Castle Pines 2	Castle Pines 5	Denver 3
Cherry Hills Village 0	Cherry Hills Village 0	Cherry Hills V 0	Cherry Hills 0

Year to Date, the top five household complaints were:

Household #1	898	Greenwood Village	Household #4	265	Unincorporated Arapahoe County
Household #2	555	Unincorporated Arapahoe County	Household #5	216	Parker
Household #3	386	Centennial			

In June, 88 responses were requested from 1,107 noise complaints, with 80 of those requests made by email (91%), and 8 made by telephone (9%).

In June, 1,107 complaints were made about daytime flights (7:00 a.m. – 9:59 p.m.) – 83%.
190 complaints were made about nighttime flights (10:00 p.m. – 6:59 a.m.) – 17%.

In June, props accounted for 73% of the complaints by aircraft type; jets accounted for 25% of the complaints, and helicopters caused 2%.

In June, training was responsible for 38% of the complaints; departures were responsible for 37% of the complaints, and arrivals were responsible for 25% of the complaints.

The June Complaint Map and a June Radar Track Density Map were provided.

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

4. **PUBLIC COMMENT:**

1. Received by CACNR – an email was read: *There is excessive noise from low and slow flying airplanes over Greenwood Village and surrounding areas. It's insane to me that I can pretty much constantly hear an airplane either directly overhead, coming or going most of the day. This seems excessive and potentially unsafe. There are not quiet moments because by the time one airplane is gone, another is coming. It seems like this much traffic is more than an airport in a residential area like this should have. Flight schools that have students just flying in circles constantly should be forced to move to more remote airports in unpopulated areas.* The email had been responded to by the CACNR Secretary.

2. Meeting Attendees - Chair Pierce opened the meeting for public comment. There were approximately 18 in attendance and another 26 on line. The majority of those commenting were from Greenwood Village, Sundance Hills in Greenwood Village, Centennial, Cherry Creek Vista in Unincorporated Arapahoe County, Cherry Creek Farms, Elizabeth and Louviers. Comments are summarized below:

Slides were shown with monthly comparisons of operations at the airport between 2022 and 2023, and the monthly noise complaints between 2022 and 2023. It was projected 2023 would have a 54% increase in noise complaints from 2022. There was a request that CACNR continue to be the voice of the public about noise.

Comments on the FAA Reauthorization Act of 2023 indicated the latest House version was not adequate to address noise issues.

Loops being made outside the pattern did not seem to be overflights but just seemed to be done by ATC to accommodate pilots, with no thought being given to the people under those areas. There seemed to be doubt ATC would actually accommodate any change which the Study Group Committee might develop. The pilots rule. It was noted a jet had been doing loops at 10:00 p.m.

Three definitive recommendations were made by one member of the public who noted the FAA could be responsive but that was not happening in this situation. 1.) the flight schools should voluntarily adopt quiet hours from 9:30 p.m. – 7:00 a.m. 2.) the use of leaded fuels should be stopped immediately. 3.) flight schools should be required to reasonably schedule their flights and expand their routes to the south.

Training flights may be coming in this direction from Rocky Mountain Airport, Colorado Springs, and Pueblo. The mandated increase from 250 training hours to 1,500 hours was still having a noticeable effect on training noise for the public. There was also concern about safety, with the anticipation the FAA might finally pay attention when there was another crash involving Centennial Airport and either a residential areas or a school, one of which was bound to happen.

Once again, there has been no change and things had gotten worse. The flight schools can change their behavior to become good neighbors. There also needs to be more engagement by the pilots and the flight schools – they should be coming to these meetings instead of hiding. CACNR must be accountable and provide evidence of what it is doing and what it is going to do.

The 'closure' of the southwest training area and the redesign of the southeast training boxes had resulted in more constant noise in the Elizabeth area, as the new boxes there are immediately filled by other aircraft which had been waiting, so the noise is relentless.

5. **CACNR STUDY GROUP COMMITTEE:** Brad Pierce and Chris Eubanks reported on the first meeting of this group, which had primarily a 'get to know you' focus. The membership of the group included representation from CACNR – Brad Pierce; a pilot – Chris Eubanks; ACPAA Staff – Mike Fronapfel; an elected official – Jessica Campbell-Swanson; four representatives from the FAA; and 2 representatives from the flight schools. A second meeting of the group was scheduled for August 3, 2023.

Question was asked why the Normandy Group had not been included. That group was a lobbying group which had been retained by ACPAA, Arapahoe County and Greenwood Village to assist with the formation of this committee, rather than to assist with the work of the committee. Others had also helped encourage the FAA to engage, which had included educating

some from the FAA about the crash here of which they were not aware, and such situations as the plight of the father of the autistic child who could not go outside because of the aircraft noise. Getting four FAA representatives to the Study Group Committee meeting was considered at least some headway, even though movement was slower than desired.

6. **EXECUTIVE COMMITTEE:**

A. CACNR REPRESENTATIVE TO ACPAA MEEETING on August 10, 2023 – Brad Pierce agreed to attend for CACNR.

B. RETREAT PLANNING – The background of Jason Schwartz who was proposed to be the consultant facilitating the retreat was reviewed. He had previously worked with CACNR, including the 2018 retreat. His proposed scope of work and budget for the 2023 retreat had been provided; the budget, plus travel expenses tbd, would not be exceeded without consent of the CACNR Executive Committee. On the motion of Chris Eubanks, duly seconded, the scope of work and budget for Jason Schwartz to facilitate the retreat was carried.

The location of the retreat was being explored and would be determined by the date on which the most Representatives and Alternate Representatives could attend.

C. FAA PUBLIC COMMENT PERIOD ON NOISE POLICY REVIEW – Jason Schwartz would assist in crafting a CACNR comment for submission. The deadline for submission of comments had been extended to September 29, 2023. There was encouragement for as many submissions as possible, with all to at least include a focus on the use of a noise metric other than the current 65 DNL.

D. FAA REAUTHORIZATION ACT OF 2023 – Comments should be sent to U.S. Senators.

E. CHRIS EUBANKS COMMUNICATION – Eubanks issued an apology for comments he had made to an individual and to the roundtable as a whole in June. He noted he will always challenge the status quo but felt his approach at that time might have been other than it was.

F. ALISON BIGGS INQUIRY – Biggs asked all Representatives and Alternate Representatives to be sure they had her contact information in their contacts lists. She was unclear if everyone was receiving the information she emails, and did not want those items landing in SPAM folders.

7. **OTHER COMMITTEE REPORTS:**

A. COMMUNITY OUTREACH – The website will continually be updated. It was hoped the retreat would result in further clarity about how the website should be used and what its optimal content should be.

B. FLY QUIET – The additional fly quiet signs should be installed soon.

C. NOISE MONITORS – The Committee had met right before this meeting. Information from the portable noise monitor placed in Louviers from October 14, 2022 – November 29, 2022 was provided in the CACNR mailing and was reviewed. Question would be asked during the CACNR meeting if a portable should be returned to that location to obtain more recent data.

Data from the portable noise monitor in Greenwood Village from January 6 2023 through July 9, 2023 had also been provided and was reviewed during the committee's meeting. It was reported South Metro Fire Rescue Station 31 had agreed to allow this portable noise monitor to be moved there (Orchard & Havana). It should remain at that location until it is needed elsewhere.

Question was asked about additional information which might be available from the current noise monitoring system, and several ideas were given as examples. Mike Fronapfel indicated much could be obtained, though some specifics might need to be further refined or clarified. Moon would work with Samantha Blymyer to do that. All were reminded there is currently no correlation between the data on noise events in the various db ranges and where noise complaints come from.

8. **OTHER REGULAR REPORTS:**

A. ACPAA JUNE 8, 2003 – Andy Jones had attended for CACNR, and his report to ACPAA was provided.

B. AIRPORT DIRECTOR'S REPORT, Mike Fronapfel

1. Study Group Committee – Fronapfel noted how positive it was for the FAA to send representatives.

2. Flight School Activity – There had been a meeting on June 28, 2023. The activity and fund raising of Safe Skies Colorado were shared; a legal firm had been hired and \$15,000 raised, with a goal of \$250,000. There was discussion of meetings that had been held in D.C. with the FAA and with Colorado's Senators which were supportive of the approach being taken by ACPAA and CACNR.

It was reported the practice area southwest of the airport which the airport-based flight schools had ceased using had already been 'taken over' by others. The airport cannot say no when others use that space. With the increase in demand and the increase in the number of students, it was becoming difficult for Centennial-based schools to work because of the numbers. The role of air traffic control in this situation was also discussed, with the thought that reducing numbers rather than expanding patterns might be a more acceptable solution to the public.

Question had been asked if people on the ground who complain are 'targeted' by pilots. The response had been 'no' as pilots have no idea where anyone lives who complains, nor would there be an easy way to obtain that information,

It had been noted the Noise Abatement Guidelines really do need to be updated, and there was a suggestion a focus might be made on stressing the use of Best Practices. Any newly created information should be provided to the flight schools for sharing particularly with new pilots.

3. Unleaded Fuel – By June, 20% of all fuel sold at Centennial Airport was UL94 unleaded aviation gasoline.

Fronapfel continued reaching out about the use of such fuel and was getting positive responses. Other airports were also reaching out to Centennial to learn about its approach to transitioning to the use of the unleaded fuel. As demand was currently outstripping production, making the fuel more expensive, the airport would likely continue its cost subsidies as it encouraged the fuel's use.

4. Part 150 Study – The final Mead & Hunt Scope of Work would be provided to ACPAA in August, with the possibility the study could begin in mid-September. A grant had been sent to the County to help finance it. It will likely take 2-3 years until completion. There should be several opportunities for public involvement throughout the study.

5. Other Airport Activity – Fronapfel outlined some of the situations making replacement of the air traffic control tower important. These included such things as a leaking roof which had resulted in mold in various in portions of the tower, and the elevator ceasing to work, with the needed parts not being made now. The company can repair it, but it will take 2-3 months and be quite expensive to have done. The HVAC system had also stopped working.

Other activities included the food truck day, raising funds for the Centennial Airport Foundation, and the annual Morgan Adams fund raiser for pediatric cancer.

C. **FLIGHT SCHOOLS** – None

9. **FAA REPORTS:** None

10. **OLD BUSINESS:**

11. **NEW BUSINESS:**

A. INFORMATION SHARING –

1. Brad Pierce had provided a Meeting Agenda for the June 12 meeting of the NextGen Advisory Committee which he would be attending.

2. Preliminary information about the 2024 UC Davis Aviation Noise and Emissions Symposium had been provided.

3. A copy of the most current CACNR Attendance Record had been provided.

4. Mike Anderson thanked Centennial Airport for supporting the programming for the aviation pathway that Douglas County School District's Legacy Campus would be opening up next week in Lone Tree. The Legacy Campus, which has been repurposed within the Wildlife Experience building, is a good demonstration of local industry working together with local school Districts to provide needed programming and educational opportunities for high school students in our community. Nine different pathways would be include for students who were not college bound. DCSD very much appreciated the Airport Director's leadership in support of this community educational need and help in making the programming relevant for the aviation industry.

12. **PUBLIC COMMENT:** None

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, 20223		NO MEETING

B. ACPAA –	September 14, 2023	3:00 p.m.	7565 S. Peoria Street, Unit 9D, Englewood, CO	Cancelled
	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. **ADJOURNMENT:** The meeting was adjourned at 8:30 p.m.

Alison Biggs, Secretary