

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE
MINUTES

November 4, 2020

Approved 12/02/20

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:** Tom Dougherty **Secretary:** Alison Biggs

1. **CALL TO ORDER, ROLL CALL, and QUORUM:** The virtual meeting via Zoom was called to order at 6:36 p.m. by Chair Brad Pierce. The following were in attendance and a quorum was present:

Arapahoe County:	Kathleen Conti	Centennial:	Candace Moon
Arapahoe County:	Paul Krier	Lone Tree:	Mike Anderson
Douglas County:	Dan Avery	Parker:	Amy Holland
Douglas County:	Alison Biggs	ACPAA:	Mike Fronapfel
Aurora:	Brad Pierce	CABA:	Don Kuskie
Castle Pines:	Kevin Rants	FAA APA Control Tower	Ron Curry

Others in attendance were Bill Skinner, Alternate Arapahoe County Representative; Karen Hancock, Alternate Aurora Representative; Fly Quiet Committee Member Bill Wasmund; Study Group and past Centennial Alternate Representative Andrea Suhaka; Dave Gruber, Member of the Aurora City Council; Randy Johnson, Member of the Public from Louviers; and ACPAA staff Gina Conley, Deborah Grigsby, and Rachel Keller..

Those absent were

Castle Rock:	Jason Gray/James Townsend	AOPA:	Bob Doubek/John Hirshman
Cherry Hills Village:	Al Blum/Afshin Safavi	CDOT Aeronautics Div:	Todd Green/Vacant
Foxfield:	Pam Thompson/Frank Lawrence	FAA District Office:	John Bauer/John Sweeney
Greenwood Village:	Tom Dougherty/Karen Blilie		

2. **APPROVAL OF AGENDA:** On the motion Kathleen Conti, duly seconded, the agenda was approved as presented.

3. **PUBLIC COMMENT:** None.

4. **CONSENT AGENDA:** The Consent Agenda included the October 7, 2020 draft minutes, and a Treasurer's Report dated October 30, 2020 which showed a balance of \$11,276.02. On the motion of Amy Holland, duly seconded, the Consent Agenda was approved.

5. **ITEM(S) REMOVED FROM CONSENT AGENDA:** None

6. **COMMITTEE REPORTS:**

A. EXECUTIVE COMMITTEE – 1. Brad Pierce reported this committee had drafted a 2021 budget for the group's consideration. Although the final carry-over from 2020 would not be determined until the end of the year, it was anticipated there would be approximately \$10,000 available for use in 2021. Expenses had been allotted accordingly, so that, for the second year, it was being suggested the Regular Members of CACNR not be invoiced for the second year of the MOU. It was noted that Lone Tree had appreciated not being invoiced for 2020. Following discussion, it was agreed that approach would be acceptable and again appreciated. It was noted that Regular Members, when creating their 2021 budgets, could anticipate being invoiced in late 2021 for the second-year funding called for in the MOU (\$10,000 from ACPAA, \$250 from Foxfield, and \$1,000 from each remaining Regular Member). On the motion of Alison Biggs, duly seconded, the 2021 budget was approved.

2. A virtual meeting had been held with representatives of communities forming a community noise roundtable in Jefferson/Boulder Counties relative to Rocky Mountain Municipal Airport. Communities represented include Arvada, Broomfield, Louisville, Superior and Westminster. They had communicated with CACNR previously, and were getting close to a kick-off meeting and wanted some further detail about CACNR's functioning. They were appreciative of the prior assistance and information CACNR had provided in their initial formative stages.

3. A virtual meeting would be held with Jason Schwarz as follow-up of the contract which CACNR had entered into with him and ABCx2 for consultation services.

B. COMMUNITY OUTREACH – The website was in operation, and Amy Holland was learning how the site functions and how to manage content.

C. FLY QUIET – Don Kuskie reported the committee had not been able to meet, but work on its various tasks was continuing. Some further consideration had been given to shifting traffic patterns to the south on south flow days to provide some relief to communities north of the airport. Discussion included the 500 foot elevation gain to the south which some pilots do not seem to adjust for; some flights as high as 7,100 feet still being perceived as ultra-noisy in the Parker and Surrey Ridge areas; new developments approved in already noise sensitive areas to the south of Lincoln and Hess Road.

Question was asked if traffic could actually be shifted south, with a response that it cannot realistically be shifted south due to the need for approximately a mile of needed runway rollout to the north. Suggestion was made that air traffic controllers might be made more aware of the current problems to see if they could try to extend patterns either north or south depending on weather and traffic. Staff noted the FAA might not like changes due to the differing elevations in relation to the ILS and the outer markers.

It was noted that some developers have worked with the airport in relation to noise mitigation in their home construction, and in planning to provide notice to potential residents, while other locations have not had that kind of cooperation. The committee was thanked for the creative thinking and for its continued efforts to find solutions for the CACNR communities. Kuskie indicated the committee would keep trying.

D. **NOISE MONITORS** – Candace Moon indicated the committee was considering presenting some type of recognition to those who promote fly quiet practices at the airport. Recognition for individuals might be done on the website, or gift cards might be presented. The committee was interested in learning if data could be obtained about the numbers of charter and personal flight operations occurring at the airport and Rachel Keller indicated she would explore the possibility.

The September noise report was reviewed. It showed there had been **36,202 Total Operations** in September, the highest monthly number of the year, and up from 36,007 in August, 34,036 in July, 25,242 in June, and 30,398 in May. There had been 32,420 local operations in September 2019. In September, there had been **18,876 local flights**, up from 18,065 local flights in August, 17,432 in July, 9,227 local flights in June, and 17,509 in May.

During September, there were **33,971 noise events** at the 12 noise monitors. Noise events at each monitor were:

- 10,849 events at the **Golf Course** monitor on airport property (6,885 in the 60-69 decibel range)
- 6,762 events at the **Meridian** monitor (5,515 in the 60-69 decibel range)
- 5,967 events at the **Airport East** monitor on airport property (4,195 in the 60-69 decibel range)
- 2,479 events at the **State Park** monitor (1,794 in the 60-69 decibel range)
- 2,271 events at the **Parker** monitor (1,982 in the 60-69 decibel range)
- 1,571 events at the **Grandview Estates** monitor (1,375 in the 60-69 decibel range)

- 1,087 events at the **Greenwood Village** monitor (965 in the 60-69 decibel range)
- 1,068 events at the **Castle Rock** monitor (1,008 in the 60-69 decibel range)
- 831 events at the **Lone Tree** monitor (772 in the 60-69 decibel range)
- 620 events at the **Hunter's Hill** monitor (560 in the 60 – 69 decibel range)
- 326 events at the **Castle Pines** monitor (311 in the 60-69 decibel range)
- 140 events at the **Sagebrush Park** monitor (128 in the 60-69 decibel range)

Including the two monitors on airport property, locations with noise events in the **70-79 decibel** range were:

Golf Course –	3,714	Greenwood Village –	114
Meridian –	1,542	Castle Rock and Lone Tree –	59 each
Airport East –	1,169	Hunters Hill -	50
State Park –	669	Castle Pines –	11
Parker –	286	Sagebrush Park –	12
Grandview Estates –	189		

Including the two monitors on airport property, locations with noise events in the **80-89 decibel** range were:

Airport East –	553	Hunters Hill –	10
Golf Course –	240	Greenwood Village –	8
Meridian –	61	Grandview Estates –	6
State Park –	13	Parker –	3
		Castle Rock –	1

Including the two monitors on airport property, locations with noise events in the **90+ decibel** range were:

Airport East –	50	Meridian –	4
Golf Course –	10	State Park –	3
		Grandview Estates –	1

In September, there had been **1,735 complaints from 89 households**. (In August, there had been 1,315 complaints from 118 households; July had 895 complaints from 102 households ; June had 809 complaints from 81 households; in May, there had been 627 complaints from 113 households; in April, there had been 607 complaints from 34 households.)

Of the **1,735 complaints**, 486 originated from Unincorporated Arapahoe County (28%); 424 were from Greenwood Village (24%); 194 were from Highlands Ranch (11%); 193 from Parker (11%); 172 were from Centennial (10%); 147 were from Unincorporated Douglas County (8.5%); 60 were from Castle Rock (3.5%); 24 were from Aurora (1.4%); 21 were from Other (1.2%); 7 were from Lone Tree (0.4%); 5 were from Denver (0.3%); and 1 each were from Castle Pines and Cherry Hills Village.

Of the **89 households**, 25 were from Unincorporated Arapahoe County (28%); 17 were located in Greenwood Village (19%); 13 had complained from Unincorporated Douglas County (14.6%); 9 were from Other(10%); 7 were from Highlands Ranch (7.8%); 6 were from Centennial (6.7%); 4 were from Lone Tree (4.5%); 3 from Aurora (3.4%); and one each were from Castle Pines, Castle Rock, Cherry Hills Village, Denver, and Parker (1% each).

Year to Date, there had been 351 complaining households, with 112 from: Unincorporated Arapahoe County (31.9%); others were Greenwood Village – 58 (16.5%); Unincorporated Douglas County – 42 (12%); Other – 37 (10.5%); 34 from Centennial (9.7%); 13 from Highlands Ranch (3.7%); Lone Tree – 12 (3.3%); Castle Rock – 9 (2.6%); Aurora, Castle Pines and Denver – 8 each (2.3% each); Parker – 7 (2%); and 3 from Cherry Hills Village (0.9%).

Year to Date, the **number of complaints (8,400)** were from Unincorporated Arapahoe County – 2,207 (26%); Centennial – 1,957 (23%); Greenwood Village – 1,684 (20%); Unincorporated Douglas County 1,228 (14.6%); Parker – 456 (5.4%); Aurora – 245 (2.9%); Highlands Ranch – 222 (2.6%); Castle Rock – 153 (1.8%); Other – 136 (1.6%); Lone Tree – 77 (0.9%); Denver – 17 (0.2%); Castle Pines – 15 (0.17%); and Cherry Hills Village – 3 (0.04%).

176 complainers had **requested responses** from the airport, with 51 of those requests made by email, and 125 by telephone. It was clarified the requests all concerned Centennial related flights only.

Of the 1,735 **complaints**, 1,655 (95.4%) were about **daytime flights** and 80 (4.6%) were about **nighttime flights**.

In September 2019, the number of complaints had been 561, compared to 1,735 complaints in September 2020.

The **Year to Date top 5 number of complaints** came from households in Centennial – 1,851 (22%); Greenwood Village – 1,300 (16%); Unincorporated Douglas County – 1,010 (12%); Unincorporated Arapahoe County – 1,009 (12%); and Unincorporated Arapahoe County – 458 (5%).

With the top complaining household removed, **props accounted for 70% of the complaints** in September, while **jets accounted for 27% of the complaints; 2% were unknown. Training caused 41% of the complaints; departures were responsible for 37% of the complaints; arrivals were 22%.**

The September complaint map showed the household locations of the complaints, with 8 being outside the map boundaries. For the year to date, there had been 36 complaining households outside the map area. The **largest cluster of complaints** was again located north and slightly west of the airport's north-south runway.

The radar track density map had been updated for September. The September 2019 map requested for this mailing was instead provided virtually. There seemed to be a considerable discrepancy in the size of the low-density traffic areas between the two years. Several possible explanations for this were suggested, as it was noted the filter level should have been the same for both years. Ideas included radar feed back, law enforcement, possible helicopter traffic, or other survey type flights.

Question was asked why the rather dramatic increase in complaints in September. Response was possibly an increase in training flights, the increase in overall operations, possibly increased noise caused by DIA traffic, and possibly Metroplex flight pattern changes, or any combination of all of these.

D. **WORK PLAN** – There had been responses from the various committees about preliminary plans for 2021/2022, and that information had been used by the Executive Committee to craft the draft 2021 budget discussed earlier. Also discussed earlier was the use of Jason Schwartz to assist in the updating of the Work Program.

E. **STUDY GROUP** – As the final signature pages had been provided to all signatories, it appeared the work of the Study Group had been completed. Alison Biggs moved to dissolve the Study Group, with CACNR's thanks for the successful implementation of the Memorandum of Understanding. Motion seconded and carried.

7. **FAA REPORTS:**

A. **DISTRICT OFFICE** – None.

B. **APA AIR TRAFFIC CONTROL TOWER** – Ron Curry noted that the BOOM supersonic prototype aircraft discussed at an earlier meeting was equipped with afterburners. This will be tested in flight at a location probably over the Mojave Desert.

He informed CACNR that the helicopter company contracted to do photography for 3-D modeling in four local areas around Centennial Airport had not been able to complete its work due to the smoke from the wildfires plaguing the State. The two areas to the west had been completed, but the remaining two would be postponed until Spring 2021.

In relation to the earlier discussion about development around the Centennial Airport, he noted that in five to ten years, the airport would be having to deal with increased complaints from the developments being built now in locations adjacent to the airport, particularly along the ILS. He urged cities and towns to steer development toward something other than homes in those areas which are already known to be noise problematic.

C. **TRACON** – None

8. **OTHER REGULAR MONTHLY REPORTS:**

A. **ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY** – Reports from the October 8, 2020 ACPAA meeting had been provided by Robert Doubek and Alison Biggs. The 2021 ACPAA budget was considered, and would be adopted following a public hearing at the December 10, 2020 meeting. Representatives were encouraged to review the budget for any implications for their communities. The slides from Robert Olislagers' presentation on the state of the industry noted in both reports were available on the airport's website for review. The possibility of Federal legislation to approve supersonic flights over land was noted, and Representatives were informed Emily Tranter from N.O.I.S.E. was watching this topic and N.O.I.S.E. would not be supportive of any change from the current ban of such flights over land.

B. **AIRPORT DIRECTOR'S REPORT** – Mike Fronapfel reported on behalf of the Airport Director, Robert Olislagers.

1. **Master Plan** – The airport's Master Plan would be back on the website for a week. There had been no public comment on it at the last public meeting. Representatives were encouraged to look at the presentation and contact staff with any comments

or questions. Next steps would include finalizing the plan for FAA review. Following that, the plan would be considered approved, which will probably occur some time in 2021. Request was made for CACNR to be informed and provided with a copy of the plan when it was approved.

2. **Airport Activity** – Due to the virus pandemic, ACPAA offices were still closed and meetings were being held virtually. Staff was, however, in the process of moving into the new administration building. A tour of the building had been scheduled for November 13, 2020, from 10:30 am – 11:15 a.m.; 8 slots were available for CACNR Representatives and masks would be necessary. Any tours following that would depend on progress on virus containment.

3. **Legislative** – no report

4. **Litigation/Metroplex** – nothing new

5. **Other** – Election results were only available for some positions. It appeared Kathleen Conti would be leaving CACNR, and she thanked the group and noted her appreciation for being a part of it since January 2017. In turn, she was thanked for her contributions to CACNR while well representing Arapahoe County.

C. **CDOT AERONAUTICS DIVISION** – None

D. **NEXTGEN ADVISORY COMMITTEE (NAC)** – Brad Pierce indicated he had been reappointed to this group. The November 17, 2020 meeting would be virtual via Zoom.

E. **N.O.I.S.E.** – Brad Pierce again reported the November 17, 2020 N.O.I.S.E. meeting, originally scheduled for Tampa, Florida in conjunction with the National League of Cities, would be virtual. Representatives could register to attend the virtual session, and there would be no registration fee. There was a possibility N.O.I.S.E. might be on the NLC program.

9. **OLD BUSINESS:**

A. **UC DAVIS AVIATION AND EMISSIONS SYMPOSIUM** – Early Bird registration have begun for the virtual February 23 – February 26, 2021 symposium, and CACNR should have its registrations in following the December CACNR meeting. Policy is to send two Representatives, but with the drastically reduced registration fee (\$75), it may wish to consider involving more Representative for this meeting.

B. **2020 MEETING SCHEDULE FOR CACNR & ACPAA, INCLUDING CACNR REPRESENTATIVES TO ACPAA** – The 2020 meeting schedule was again provided. Paul Krier would attend the November 12 meeting, and Melissa Coudeyras would attend for CACNR at the December 10 meeting.

C. **CONGRESSIONAL QUIET SKIES CAUCUS** – CACNR would begin working to interest appropriate members of Colorado's Congressional delegation in this group when all election results are finalized.

10. **NEW BUSINESS:**

A. **INFORMATION SHARING** – It was announced that Porter Ingram was leaving Aurora to become the Community Planner for Buckley Air Force Base. He had served as an Aurora Alternate Representative on CACNR for a number of years and a message of thanks and good luck in his future position was sent.

11. **PUBLIC COMMENT:** Randy Johnson of Louviers indicated he had attended a CACNR meeting sometime in either 2016 or 2017, had recently spoken with Rachel Keller and Mike Fronapfel, and was touching base with CACNR again. He still has noisy planes over his home which he can hear inside the home, does use WebTrak, and does lodge complaints about particularly noisy aircraft.

12. **NEXT MEETINGS:**

A. **CACNR** – December 2, 2020 6:30 p.m. virtual meeting

B. **ACPAA** – November 12, 2020 3:00 p.m.
December 10, 2020 3:00 p.m.

13. **ADJOURNMENT:** The meeting was adjourned at 8:23 p.m.

Alison Biggs, Secretary