

April 3, 2019
Approved May 1, 2019

VISION – QUIETER SKIES FOR OUR COMMUNITIES
MISSION – UTILIZING PARTNERSHIPS TO REDUCE AIRPORT NOISE FOR THE BENEFIT OF NEIGHBORING COMMUNITIES
Chair: Brad Pierce Vice Chair: Katy Brown Treasurer: Jamie Hartig 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:

Arapahoe County:	Kathleen Conti	Centennial:	Candace Moon
Douglas County:	Jamie Hartig	Greenwood Village:	Karen Blilie
Douglas County:	Alison Biggs	Lone Tree:	Mike Anderson
ACPAA:	Mike Fronapfel	Parker:	Amy Holland
Aurora:	Brad Pierce	AOPA:	Robert Doubek
Castle Pines:	Melissa Coudeyras	CABA:	Don Kuskie
Castle Rock:	Sandy Vossler	APA Control Tower:	Diana Hanley

Also, in attendance were Centennial Alternate Representative Andrea Suhaka; AOPA Alternate Representative John Hirshman; Past Aurora Alternate Representative Porter Ingram; Fly Quiet Committee Member Bill Wasmund; and ACPAA Staff Dylan Heberlein.

Those absent were:

Arapahoe County:	Jim Dawkins/vacant	CDOT Aeronautics Division:	Todd Green/vacant
Cherry Hills Village:	Al Blum/Afshin Safavi	FAA District Office:	Linda Bruce/Kandace Krull
Foxfield:	Dave Goddard/vacant	TRACON:	Steve Martin/Bill Dunn

Following the call to order and the roll call, the meeting was recessed so that the committees could meet. The meeting was reconvened at 7:12 p.m.

2. **APPROVAL OF THE AGENDA:** On the motion of Mike Anderson, duly seconded, the agenda was approved.

3. **PUBLIC COMMENT:** None.

4. **CONSENT AGENDA:** The Consent Agenda included the March 6, 2019 Draft Minutes, and a Treasurer's Report as of March 28, 2019, which showed a balance of \$12,603.49. On the motion of Alison Biggs, duly seconded, the Consent Agenda was approved.

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

6. **COMMITTEE REPORTS:**

A. **COMMUNITY OUTREACH** – Melissa Coudeyras reported for the committee. She indicated the liaison between the committee and the website designer would now be Amy Holland, with assistance from Mike Anderson. In relation to the committee's priority tasks, it will be looking at updating the website. The Metroplex meetings schedule will be placed on the website when it is announced. The committee would like to ensure there is at least one CACNR Representative at each meeting, so may be doing a signup sheet to make sure all meetings are covered. Representatives were strongly encouraged to share the meeting information with their communities by every possible means – newspapers, electronically, social media, etc. The committee also has plans to work with airport staff on press releases as appropriate in the future, for CACNR Representatives to share with their communities.

B. **FLY QUIET** – Don Kuskie reported the committee was continuing its work and clarified it had only lost one member instead of two. The committee will meet with Dylan Heberlein about additional signage around the airport to enhance getting noise information to pilots. At least two flight schools have been visited about the inclusion of noise abatement measures in their curricula, with more to come. Work is continuing on the use of the LOOOP departure for northbound instrument departures, as well as making Whispertrack more available to pilots. There is also some exploration being done about noise awareness bumper stickers with an "I Fly Quiet" message, and a program to encourage operators to install quieter exhausts.

C. **NOISE MONITORS** –

The February 2019 Noise Report was reviewed by Dylan Heberlein. It showed there had been 25,332 operations in January and 22,332 operations in February, for a total of 47,664 operations in the first two months of the year.

During February, there had been 20,198 noise events at the 12 noise monitors. Noise events at each monitor were:

6,551 events at the Golf Course monitor on airport property	863 events at the Castle Rock monitor
4,043 events at the Meridian monitor	827 events at the Greenwood Village monitor
2,086 events at the State Park monitor	801 events at the Lone Tree monitor
2,050 events at the Airport East monitor on airport property	436 events at the Hunters Hill monitor
1,164 events at the Grandview Estates	150 events at the Sagebrush Park monitor
1,114 events at the Parker monitor	113 events at the Castle Pines monitor

In February, there had been 191 complaints from 23 households: 69 complaints had come from Unincorporated Douglas County (36%); 44 from Centennial (23%); 26 complaints had come from Unincorporated Arapahoe County (14%); 23 from Aurora (12%); 17 from Lone Tree(9%); 8 from Greenwood Village (4%); 2 from Parker (1%); and 1 each from Denver and Highlands Ranch (1%). Of those, there had been responses requested from 4 email complaints.

Year to date, there had been 428 complaints from 31 households:

The highest number of complaining households were: 167 from Unincorporated Douglas County; 81 from Centennial; 65 from Aurora; 60 from Unincorporated Arapahoe County; 27 from Lone Tree; 17 from Greenwood Village; 5 from Parker; 3 from Highlands Ranch; 2 from Other; and 1 from Denver.

February's daytime complaints were 166 (87%), and 25 (13%) were nighttime complaints. YTD, there had been 369 daytime complaints (86%) and 59 nighttime complaints (14%).

Props had accounted for 59% of the complaints; jets accounted for 37% of the complaints; helicopters were 1%; and 3% were unknown. Departures accounted for 46% of the complaints; arrivals were 37%; training was 8%; 7% were overflights; and 2% were unknown.

It was reported the committee would look at data from 2017 and 2018 to see if there had been any improvement in any of the tracked categories.

Dylan Heberlein provided a case study of an aircraft overflight that triggered two noise complaints about a jet that passed over the nearest household at an altitude of 2,222 feet above the ground and triggered an Lmax noise event of 61.6 dB at the nearest noise monitor to that household which was 4,842 feet or just under a mile away. The operation had also triggered an Lmax noise event of 73.1 dB at a further noise monitor which was 8,413 feet or 1.5 miles away and was measured earlier on in the aircraft's operation. Both complaints came from households in Lone Tree and did not request a response. He indicated such studies may be replicated in the coming months.

Question was asked if a complainer requests a response, what is done. Response was it was a case by case basis. Question was asked how often there is follow-up with the operator of an aircraft about which there had been complaints. Response was not often. There was some discussion about identifying 'triggers' for when to reach out to operators of offending aircraft, such as noise levels, numbers of complaints. It was noted it would be helpful to know what other airports do, and if software existed to track such things once identified. Question was asked if it was possible to determine how many take-offs occurred per hour, from Friday to Sunday for example. This might lead to an analysis of the numbers to determine if touch and goes might be somehow curbed, or how many were the result of those seeking gas from outside the area as well as locally.

It was agreed this committee might work with the Fly Quiet Committee to determine if the Fly Quiet initiatives were being utilized or seeming to have identifiable effect.

D. **WORK PLAN** – Alison Biggs reported the committee had met once since the last CACNR meeting. It had begun identifying information to be used in an orientation manual for new CACNR members and on the website. The Work Program had been adopted at the last meeting, so members of this committee would continue to serve as liaisons to the other committees as they implement their priority tasks for the year.

Committees were encouraged to consider where consultant or part-time staff resources might be useful to their work, and to note the information brought back from the UC Davis Noise Symposium and the N.O.I.S.E. conferences that had been provided with this meetings' materials. The committee is also exploring use of a different format for the CACNR annual report.

Suggestion was made that all committees consider providing updates to CACNR in a format such as that used by the Fly Quiet Committee (sample had been provided), to link work being done with the priority tasks from the Work Program.

E. **STUDY GROUP** – Brad Pierce reported the MOU and its Funding Structure document had been approved by 10 Regular Members, with Caste Rock to consider it on May 21; Brad Pierce will try to meet with the town manager and the Mayor before that time, to answer any questions they might have. As some jurisdictions had not yet provided their signed documents and/or funds, Representatives were asked to double check with their appropriate personnel.

7. **FAA REPORTS:**

A. **DISTRICT OFFICE** – None

B. **APA AIR TRAFFIC CONTROL TOWER** – None

C. **TRACON** – None

8. **OTHER REGULAR MONTHLY REPORTS:**

A. **ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY** – Robert Doubek, ACPAA Treasurer, had provided a written report of the March 14, 2019 ACPAA meeting. Mike Anderson had attended for CACNR.

B. **AIRPORT DIRECTOR'S REPORT** – Mike Fronapfel reported for Robert Olislagers. There was nothing new in

relation to legislation at either the State or Federal levels. There were also no significant events occurring at the airport. In relation to Metroplex, one public meeting had been scheduled about the draft environmental assessment, on May 2nd in Aurora, with a schedule of additional meetings were to come. The schedule would be made available to CACNR as soon as possible. In addition:

“Centennial Airport (APA) and Denver International Airport (DEN) happen to share the same attorney, Peter Kirsch, as outside counsel. As the DEN Metroplex is gaining speed and several metroplexes around the country have resulted in litigation, it is to everyone’s benefit to avoid conflicts of interest ahead of time. It is reasonable to assume that DEN and APA share similar concerns yet approach them from different perspectives. While it is everyone’s desire to avoid litigation, on the outside chance that there are differences, we have mutually decided to go our separate ways. Peter Kirsch will remain special counsel to DEN and Kimberly Bruetsch will represent APA as she has since 2017 when Ms. Bruetsch became the attorney of record for APA. She is exceptionally well versed in transportation and aviation law, and Mr. Kirsch and Ms. Bruetsch have coordinated this transition.”

Further, *“The airport will continue to work with each community to provide as much information about DEN Metroplex, including draft templates for letters and other information needed if citizens and elected officials wish to communicate their concerns directly with the FAA.”*

C. **METROPLEX** – see above

D. **NEXTGEN ADVISORY COMMITTEE (NAC)** – Brad Pierce indicated the next NAC meeting would be in June in Washington, D.C. He also noted he would be doing a podcast with the National Business Aviation Association on Friday of this week. (Secretary’s Note: It was posted on the NBAA website on 4/22/19. The title of the Podcast is “NBAA has Tips for Airports – Community Partnering”. The Podcast is about 23 minutes. https://nbaa.org/news/flight-plan/nbaa-tips-airport-community-partnering/?fbclid=IwAR0Z3MVt3KQXLLnCJS6X8i0E0dNju4RtUZ4rU_u8nd60kzYnX4okdfSwaf4)

E. **N.O.I.S.E.** – Brad Pierce and Melissa Coudeyras had provided considerable information about the March 11, 2019 Legislative Summit. It was recommended Representatives take the time to review the materials, as they contained many interesting and educational components.

9. **OLD BUSINESS:**

A. **2019 CACNR REPRESENTATIVES TO ACPAA** – Andrea Suhaka indicated she had volunteered to represent CACNR at the April 11, 2019 ACPAA meeting.

B. **AVIATION NOISE AND EMISSION SYMPOSIUM 2019** – Brad Pierce and Melissa Coudeyras had also provided extensive materials from the UC Davis Aviation Noise and Emissions Symposium, March 3-5, 2019. As noted above, Representatives were requested to take the time to review the materials, as they contained many interesting and educational components.

C. **CONGRESSIONAL QUIET SKIES CAUCUS** – This topic was on temporary hold.

10. **NEW BUSINESS:** None

11. **PUBLIC COMMENT:** Pat Benhmda. from the Southglenn area of Centennial noted that one measure used by hospitals to gauge success is watching the number of readmissions within a certain time frame. But she noted that airports using the number of complaints to measure success did not present an accurate picture due to such things as those who have ceased complaining because nothing happens, or they have no idea how to lodge an effective complaint.

12. **NEXT MEETINGS:**

A. **CACNR** – May 09, 2019 6:30 p.m. Arapahoe Board Room, 6924 S. Lima, Centennial 80112
June 05, 2019 6:30 p.m. Arapahoe Board Room, 6924 S. Lima, Centennial 80112
July 10, 2019 6:30 p.m. Arapahoe Board Room, 6924 S. Lima, Centennial 80112
Aug 07, 2019 6:30 p.m. Arapahoe Board Room, 6924 S. Lima, Centennial 80112

B. **ACPAA** – April 11, 2019 3:00 p.m., Wright Brothers Room, Centennial Airport, 7800 S Peoria St, Englewood, CO
(Andrea Suhaka representing CACNR)
May 09, 2019 3:00 p.m., Wright Brothers Room, Centennial Airport, 7800 S Peoria St, Englewood, CO
(?? representing CACNR)
June 20, 2019 3:00 p.m., Wright Brothers Room, Centennial Airport, 7800 S Peoria St, Englewood, CO
(?? representing CACNR)
July – No Meeting
Aug 08, 2019 3:00 p.m., Wright Brothers Room, Centennial Airport, 7800 S Peoria St, Englewood, CO
(?? representing CACNR – will need to report on CACNR mtgs of July & Aug)

13. **ADJOURNMENT:** The meeting was adjourned at 8:42 p.m.