

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

June 2, 2021

6:30 p.m. – 8:30 p.m.

Chair: Brad Pierce **Vice Chair:** Melissa Coudeyras **Treasurer:** Tom Dougherty **Secretary:** Alison Biggs
CACNR Mission: Utilizing Partnerships to Reduce Airport Noise for the Benefit of Neighboring Communities

HYBRID IN PERSON AND VIRTUAL MEETING VIA ZOOM

PARTICIPANTS ARE INVITED TO ATTEND IN PERSON OR VIRTUALLY, USING THE INFORMATION PROVIDED:

In Person for CACNR Member Representatives and Alternate Representatives

(In Person attendance limited to the above due to space available for social distancing)
Centennial Airport, 7565 S. Peoria Street, Unit D9, Englewood, CO 80112

Virtual for CACNR Member Representatives and Alternates if desired, and Members of the Public

Please register for [Centennial Airport Community Noise Roundtable on Jun 2, 2021 6:30 PM MDT](https://attendee.gotowebinar.com/register/6766023337648538638) at:

Registration URL

<https://attendee.gotowebinar.com/register/6766023337648538638>

Webinar ID

889-428-683

After registering, you will receive a confirmation email containing information about joining the webinar.

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AGENDA

1. CALL TO ORDER AND DETERMINATION OF QUORUM:

<i>Arapahoe County:</i> Carrie Warren-Gully/Bill Skinner	<i>Highlands Ranch Metro Dist.</i> Andy Jones/Renee Anderson
Paul Krier/Vacant	<i>Lone Tree:</i> Mike Anderson/Jennifer Drybread
<i>Douglas County:</i> Abe Laydon/Dan Avery	<i>Parker:</i> Amy Holland/Todd Hendreks
Alison Biggs/Mark Adams	<i>ACPAA:</i> Robert Olislagers/Michael Fronapfel
<i>Aurora:</i> Brad Pierce/Karen Hancock	<i>AOPA:</i> Robert Doubek/John Hirshman
<i>Castle Pines:</i> Melissa Coudeyras/Kevin Rants	<i>CABA:</i> Don Kuskie/Mike Straka
<i>Castle Rock:</i> Laura Cavey/Vacant	<i>CDOT Aeronautics Div:</i> Todd Green/Vacant
<i>Centennial:</i> Candace Moon/Don Sheehan	<i>FAA APA Control Tower:</i> Melissa Booth/Ron Curry
<i>Cherry Hills Village:</i> Al Blum/Afshin Safavi	<i>FAA District Office:</i> John Bauer/John Sweeney
<i>Foxfield:</i> Pam Thompson/Frank Lawrence	<i>FAA TRACON:</i> Steve Martin/Bill Dunn
<i>Greenwood Village:</i> Tom Dougherty/Donna Johnston	<i>Wings Over the Rockies:</i> Bill Wasmund/Keith Palmer

2. PUBLIC COMMENT: (non-Agenda items – 3 minutes per person time limit; correspondence from the public)

- A. MEETING ATTENDEES
- B. FROM CACNR EMAIL ADDRESS

3. CONSENT AGENDA: (items here may be moved to Agenda Item #4, on the request of any CACNR Representative)

- A. DRAFT MINUTES, May 5, 2021 – Alison Biggs, Secretary
- B. TREASURER’S REPORT, May 31, 2021 – Tom Dougherty, Treasurer
- C. NOISE REPORT, April 2021 – Rachel Keller
- D. ACPAA, May 13, 2021 – Don Kuskie CACNR Representative to May meeting; Bob Doubek, ACPAA Treasurer

4. ITEMS REMOVED FROM CONSENT AGENDA

5. COMMITTEE REPORTS:

- A. EXECUTIVE/WORK PLAN COMMITTEE – Brad Pierce, Chair
 - 1. CACNR Phase II
- B. COMMUNITY OUTREACH – Melissa Coudeyras, Chair
- C. FLY QUIET – Bill Wasmund, Chair
- D. NOISE MONITORS – Candace Moon, Chair
- E. WORK PROGRAM – Alison Biggs, Chair

6. FAA REPORTS:

- A. CENTENNIAL AIRPORT AIR TRAFFIC CONTROL TOWER – Melissa Booth/Ron Curry

7. OTHER REGULAR REPORTS:

- A. AIRPORT DIRECTOR'S REPORT – Robert Olislagers
 - 1. Airport Activity
 - 2. Legislative
 - 3. Litigation/Metroplex
 - 4. Other

8. OLD BUSINESS:

- A. CHANGE OF CACNR MEETING DATES
- B. 2021 MEETING SCHEDULE FOR CACNR AND ACPAA with CACNR REPRESENTATIVES TO ACPAA
 - 1. Need CACNR Representative for ACPAA June 17 meeting and August 12 through the rest of the year
- C. CONGRESSIONAL QUIET SKIES CAUCUS
- D. ITEMS FROM PRIOR CACNR MEETINGS

9. NEW BUSINESS:

- A. INFORMATION SHARING
 - 1. N.O.I.S.E. ALERT RE FAA GRANT APPLICATIONS

10. PUBLIC COMMENT: (3 minutes per person time limit):

11. NEXT MEETINGS:

- A. **CACNR** – July 7, 2021 6:30 p.m. assumed hybrid in-person/virtual meeting
August 4, 2021 6:30 p.m. assumed hybrid in-person/virtual meeting

- B. **ACPAA** – June 17, 2021 3:00 p.m. probable virtual meeting
July 2021 no meeting
August 12, 2021 3:00 p.m. probable virtual meeting

12. ADJOURN

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

MINUTES

May 5, 2021

DRAFT

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 6:38 p.m. by Chair Brad Pierce. The following were in attendance and a quorum was present:

Arapahoe County	Carrie Warren-Gully	Greenwood Village:	Tom Dougherty
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	AOPA:	Robert Doubek
Castle Pines:	Kevin Rants	CABA:	Don Kuskie
Centennial:	Candace Moon	Wings Over the Rockies:	Bill Wasmund
Foxfield:	Pam Thompson		

Others in attendance were Arapahoe County Alternate Representative Bill Skinner; Aurora Alternate Representative Karen Hancock; new Greenwood Village Alternate Representative Donna Johnston; AOPA Alternate Representative John Hirshman; Liam Clark, APA Control Tower; and ACPAA staff Rachel Keller, Deborah Smith, and Noah Yarborough.

Those absent were:

Castle Rock:	Laura Cavey/Vacant	FAA APA Control Tower:	Melissa Booth/Ron Curry
Cherry Hills Village:	Al Blum/Afshin Safavi	FAA District Office:	John Bauer/John Sweeney
CDOT Aeronautics Div:	Todd Green/Vacant	FAA TRACON:	Steve Martin/Bill Dunn

WELCOME: CACNR was welcomed to the new Centennial Airport administration building, called The Hanger, and Representatives were provided with gift bags. Thanks were expressed by all.

2. **PUBLIC COMMENT:** Public members present included: Andrea Suhaka, past Centennial Alternate Representative; Dave Adams, Inspiration area in Southeast Aurora; Kim Hellweg, Elizabeth; Randy Johnson, Louviers; Andy Jones, Highlands Ranch Metropolitan District; Steve Moe, Stoney Creek area of Denver; and Jim Slaggert, Orchard Hills 1 in Greenwood Village..

Randy Johnson of Louviers noted there had been many noisy flights in his area on the previous Friday, Saturday and Sunday, with the most being in the mornings.

Dave Adams inquired if anything had been learned about his concerns since the last meeting. Rachel Keller indicated the investigation was moving forward with Robert Olislagers, and a report would be forthcoming to all when that was completed.

Jim Slaggert of Greenwood Village indicated an increase in flights over his home, loud and circling. He inquired about what had been done and what would be done about the situation in the future. He reiterated his previous idea of meeting offending pilots when they land, and having some sort of enforcement of fly quiet recommendations. He still felt it absurd the public has to call complaints in when the airport has the data from the noise monitors. Response was the staff had met with the flight schools and would be reporting later in the meeting. He indicated he felt meeting with the flight schools every six months was not enough, and wondered why they did not attend these meetings.

An email which had come to the CACNR address from a resident in the Broadlands in Broomfield was shared. The correspondent indicated it was a nice area, but airplane noise and pollution were making it impossible to live there. It was noted some of the louder jets were from Centennial Airport, and wondered if there was any way for planes to climb to the north before turning west. The letter had been responded to and shared with airport staff. Rachel Keller indicated she was obtaining more detail, and noted the north configurations would change due to such things as the time of day, air traffic, or the weather. She would also investigate whether the traffic comes from another airport, and would report her findings back to both CACNR and the correspondent.

3. **CONSENT AGENDA:** The Consent Agenda included the April 7, 2021 draft minutes; a Treasurer’s Report dated April 29, 2021 which showed a balance of \$7,803.94; the March 2021 Noise Report; the report of the April 8, 2021 ACPAA meeting from Robert Doubek; and the CACNR report to the April 8, 2021 ACPAA meeting from Melissa Coudeyras, and her report of that meeting. There were no reports from NextGen or N.O.I.S.E.

On the motion of Tom Dougherty, duly seconded, the Consent Agenda was approved.

A summary of the accepted March Noise Report follows:

It showed there had been **23,910 Total Operations in March**, up from **19,343** in February, and up from **23,799** in January. **Year to date total operations** were **67.052** at the end of March.

There had been **11,030 Local Operations in March**, up from **8,624 Local Operations in February**, and up from **10,701** in January, **12,187**.

During March, there were **26,662 noise events** at the 12 noise monitors. Noise events at each monitor were:

- 10,947 events at the **Golf Course** monitor on airport property (6,283 in the 60-69 decibel range)
- 5,046 events at the **Meridian** monitor (3,761 in the 60-69 decibel range)
- 2,532 events at the **State Park** monitor (1,820 in the 60-69 decibel range)
- 2,147 events at the **Airport East** monitor on airport property (1,142 in the 60-69 decibel range)
- 1,608 events at the **Parker** monitor (1,423 in the 60-69 decibel range)
- 1,195 events at the **Grandview Estates** monitor (1,047 in the 60-69 decibel range)

- 855 events at the **Castle Rock** monitor (809 in the 60-69 decibel range)
- 734 events at the **Lone Tree** monitor (665 in the 60-69 decibel range)
- 716 events at the **Greenwood Village** monitor (618 in the 60-69 decibel range)
- 439 events at the **Hunter's Hill** monitor (403 in the 60 – 69 decibel range)
- 297 events at the **Castle Pines** monitor (285 in the 60-69 decibel range)
- 146 events at the **Sagebrush Park** monitor (137 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 –	3,293	Airport East –	598	Greenwood Village –	95	Hunters Hill –	35
Meridian –	1,231	Parker –	185	Lone Tree –	67	Castle Pines –	12
State Park –	698	Grandview Estates –	147	Castle Rock –	46	Sagebrush Park –	9

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

Golf Course –	1,326	State Park -	13	Lone Tree –	2
Airport East –	375	Parker –	7	Grandview Estates –	1
Meridian –	54	Greenwood Village –	3	Hunters Hill –	1

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

Golf Course –	45	Airport East -	32	State Park –	1
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In March, there had been **863 complaints from 38 households**:

- Unincorporated Arapahoe County – 384 complaints (45%)from 8 households (24%)
- Centennial – ----- 116 complaints (13%).....from 6 households (16%)
- Unincorporated Douglas County ---- 110 complaints (13%).....from 4 households (10%)
- Castle Rock – ----- 85 complaints (10%)....from 2 households (5%)
- Greenwood Village ----- 85 complaints (10%)....from 4 households (10%)
- Aurora ----- 30 complaints (3%).....from 4 households (10%)
- Highlands Ranch----- 22 complaints (2.5%)....from 3 households (8%)
- Parker ----- 11 complaints (1.25%).. from 2 households (5%)
- Other -----11 complaints (1.25%) .from 2 households (5%)
- Denver-----5 complaints (0.6%)....from 2 households (5%)
- Lone Tree ----- 3 complaints (0.3%)....from 1 household (3%)
- Castle Pines-----1 complaints (0.1%)... from 1 household (3%)

Year to Date, there had been **2,544 complaints from 73 households**:

- Unincorporated Arapahoe County – 1,194 complaints (47%)from 18 households (27%)
- Unincorporated Douglas County -----303 complaints (12%)from 12 households (16%)
- Centennial – -----296 complaints (12%).....from 7 households (10%)
- Castle Rock – ----- 250 complaints (10%).....from 2 households (3%)
- Greenwood Village -----236 complaints (09%).....from 8 households (11%)
- Aurora -----95 complaints (04%).....from 5 households (7%)
- Highlands Ranch ----- 72 complaints (03%) from 5 households (7%)
- Parker -----63 complaints (2.5%)... .from 3 households (4%)
- Other -----18 complaints (0.7%)from 4 households (6%)
- Denver-----8 complaints (0.3%).....from 4 households (6%)
- Lone Tree -----7 complaints (0.2%)... from 3 households (4%)
- Castle Pines-----1 complaint (0.04 %).. from 1 household (1.4%)
- Cherry Hills Village----- 1 complaint (0.04%).....from 1 household (1.4%)

Comparatively, in **February 2021** there were 802 complaint resulting from 19,343 operations and in **February 2020**, there had been 747 complaints resulting from 22,708 operations.

In March, 82 complainers had **requested responses** from the airport, with 45 requests made by email, and 37 by telephone. Year to date, there had been 275 **responses requested**, with 1384 made by email and 91 made by telephone.

Of the **863 March complaints**, 806 (93%) were about **daytime flights** and 57 (6%) were about **nighttime flights**.

Year to date, the **top five complaining households** were:

Unincorporated Arapahoe County 539 (21%)
Unincorporated Arapahoe County 492 (19%)
Centennial 279 (11%)

Unincorporated Douglas County 259 (10%)
Castle Rock 245 (10%)
Remaining 730 (29%)

With the top complaining household removed, **props accounted for 74% of the complaints by aircraft type** in March, while **jets accounted for 25% of the complaints**, and **1% were about helicopters**.

Departures were responsible for **51% of the complaints by operation type**, **training** was responsible for **25%**, and **arrivals were 24%**.

A graph showing the 13-month relationships between airport operations and the numbers of complaints with and without the top complaining household removed was provided. There were no higher numbers than those which had occurred in September 2020.

The March complaint map showed the household locations of the complaints, with 2 being outside the map boundaries. The **largest cluster of complaints** was again located north and slightly west of the airport's north-south runway.

The Year-to-Date complaint map was also provided, with 7 households located outside the map area. The January 2021 Radar Track Density Map had been included again.

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

5. **COMMITTEE REPORTS:**

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

1. The Executive Committee continued working with Jason Schwartz to finalize a task order related to working with the flight schools, which had been identified as a top priority for CACNR this year.

B. **COMMUNITY OUTREACH** – Kevin Rants reported in the absence of the Committee Chair. Amy Holland indicated work was continuing to clean up the website, and there might be need for some staff assistance.

C. **FLY QUIET** – Bill Wasmund reported for this committee, and provided a written April monthly report. It included information about the meeting with the flight schools that had been attended by Robert Olislagers, Brad Pierce, Rachel Keller and Mike Fronapfel. Other detail of the meeting would be provided later in this meeting, but it was noted at the meeting that CACNR is receiving considerable negative public comment from Roxborough Park, Louviers, Highlands Ranch, Elizabeth, and others regarding the noise generated by planes using the practice areas.

The committee had reestablished talks with Whispertrack about adding the Noise Abatement Guidelines to its electronic tablet application. It had also explored possible modifications to the C1 hotspot area, including perhaps adding signage to the intersection of runway 10 and the taxiway area. Apparently this would need FAA approval, and the committee had been told another sign could not be placed there.

At the committee's request, airport staff will develop a spreadsheet with nighttime data – 10:00 p.m. – 6:00 a.m.

D. **NOISE MONITORS** – The committee had met before this meeting. There had been discussion about an anticipated increase in noise complaints now that the weather was changing, windows would be opening, and the easing of COVID restrictions would result in the resumption of more outside activities. It was agreed to put a message on the website, alerting the public to the effects of such changes.

E. **WORK PLAN** – Combined with the Executive Committee, report above.

6. **FAA REPORTS:**

A. **CENTENNIAL (APA) AIR TRAFFIC CONTROL TOWER** – Liam Clark indicated no report. However, Don Kuskie noted the former LOOP departure was now called the Good Neighbor Procedure. It is used with north flow traffic from 10:00 pm – 6:00 am for jets which are IFR and RNAV capable, and maneuvers around neighborhoods at night.

Question was asked if it could be used 24 hours/day to avoid locations such as Greenwood Village; could it be published as a departure procedure and available to any with RNAV capability. Response indicated it would be hard with the volume of daytime traffic at Centennial. Right now, it is something utilized by the air traffic controllers and was not an official departure procedure. If it were to become an official procedure, it likely would require a reconfiguration of the airspace which might require FAA approval.

Question was asked if it could be added to the Noise Abatement Guidelines; response was it's use must come from the controllers to the pilots. Question was asked if it was something pilots could request to use, or be used for all north departures from 10:00 pm – 6:00 am. Clark indicated he would do some follow up on its use becoming an official procedure. He was thanked for making this effort.

Question was asked about VFR departures to the practice areas – currently, pilots are asked for their intended direction, but could that be changed to ask for their intended destination. Clark responded the control tower can only control the APA airspace, which is 4.4 miles out from the airport, so asking for information over which they have not control did not seem

appropriate. It was observed CACNR receives many complaints about aircraft using the practice areas, and Clark noted the control tower has no authority over them.

7. **OTHER REGULAR MONTHLY REPORTS:**

A. **AIRPORT DIRECTOR'S REPORT** – Mike Fronapfel reported for Robert Olislagers. He noted the oral arguments regarding ACPAA's legal action against the Denver Metroplex Project would be done virtually on May 6, 2021, with each side having only 10 minutes for comment; there would be time for questions and answers. A link to the proceedings would be on the airport's website, and Rachel Keller would also send CACNR that information in an email.

A meeting had been held with the flight schools, attended by Olislagers, Fronapfel, Rachel Keller, Brad Pierce, and three of the flight schools, with the training areas the main focus. One of the schools offered to be cooperative in giving attention to the problem. A map of the training areas included some areas outlined in red, which were those of the military. Apparently, more meetings were anticipated. Question was asked if any attention had been given to training activity in the vicinity of the airport.

There are four schools at the airport, with one being a 'rental' to which renters bring their own personnel; this school would be brought up to date about this meeting. One school reported business up by 30%. The airport would be attempting to gather information from all schools and would try to achieve some consistency.

Liam Clark discussed extending patterns, which the air traffic controllers really try not to do unless really necessary, but with more than 6 in the pattern, extension becomes necessary. It was reported Greenwood Village residents regularly see and hear the pattern extended as far north as Belleview, and flights also regularly seem to use Dayton, even when the pattern does not appear to be full. Clark responded there normally would be no reason for flights to be there.

Request was made to remember the CACNR policy to not support the movement of offending aircraft noise simply from one area to another. Observation was made that in some areas it seemed the pattern has had as many as 10 aircraft. Clark indicated the normal number is 6-8, with 10-12 being considered heavy. Overages are handled at the discretion of the air traffic controller as to what can be safely handled. If the pattern is full, the controllers can regulate aircraft speeds, or request aircraft use an alternate area or airport.

The next ACPAA meeting would be on May 13th, virtually for the public, but presenters could be present on site.

8. **OLD BUSINESS:**

A. **2021 MEETING SCHEDULE FOR CACNR & ACPAA, INCLUDING CACNR REPRESENTATIVES TO ACPAA** – The 2021 meeting schedule was provided. Don Kuskie agreed to represent CACNR at the May 13, 2021 ACPAA meeting.

B. **CONGRESSIONAL QUIET SKIES CAUCUS** – Brad Pierce indicated he would email both Jason Crow and Joe Neguse on CACNR's behalf.

C. **ACTION ITEMS FROM PRIOR CACNR MEETINGS** – A list of Items for Follow-Up from previous meetings had been provided. Suggestions were solicited for future content type and format. Including the names of those responsible for the various items was suggested.

9. **NEW BUSINESS:**

A. **INFORMATION SHARING** –

1. "US Department of Transportation, Office of Inspector General - NextGen Benefits Have Not Kept Pace With Initial Projections, but Opportunities Remain to Improve Future Modernization Efforts." This report was called to the attention of the Representatives, and all were encouraged to read it and share as deemed appropriate. Aurora Alternate Representative Karen Hancock was thanked for calling it to CACNR's attention. It was agreed the report should be shared with the Colorado members of the Congressional Quiet Skies Caucus.

2. CACNR Membership Application from Highlands Ranch Metropolitan District. Andy Jones noted the Metropolitan District's Board had been 100% in favor of submitting the application to become a Voting Member of CACNR. Following brief discussion, Amy Holland moved to approve the HRMD application. Motion was duly seconded and carried. HRMD was welcomed.

3. Candace Moon noted the date of the CACNR meetings results in getting the Noise Reports two months 'late.' As an example, the report received in May provided the data from February. She wondered if the meeting date could be moved so noise reports could be more timely. The 2nd Wednesday in the month would be just the day before the ACPAA meeting, which would probably not work well. There was general agreement to send out a poll to ascertain if the third Wednesday of the month would be possible for the Representatives.

10. **PUBLIC COMMENT:** Randy Johnson thanked CACNR for a good meeting.

11. **NEXT MEETINGS:**

- A. **CACNR** – June 2, 2021 6:30 p.m. hybrid in-person/virtual meeting, 7565 S. Peoria Street, Unit D9, Englewood, CO
July -, 2021 6:30 p.m. date to be determined, 7565 S. Peoria Street, Unit D9, Englewood, CO 80112
Aug. -, 2021 6:30 p.m. date to be determined 7565 S. Peoria Street, Unit D9, Englewood, CO 80112

- B. **ACPAA** – May 13, 2021 3:00 p.m. hybrid in-person/virtual meeting, 7565 S. Peoria Street, Unit D9, Englewood, CO
June 17, 2021 3:00 p.m. hybrid in-person/virtual meeting, 7565 S. Peoria Street, Unit D9, Englewood, CO
July 2021 Not Meeting
Aug. 12, 2021 3:00 p.m. hybrid in-person/virtual meeting 7565 S. Peoria Street, Unit D9, Englewood, CO

12. **ADJOURNMENT:** The meeting was adjourned at 8:17 p.m.

Alison Biggs, Secretary

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE		2021 BUDGET AS OF MAY 27, 2021		
(Considered a place holder year until the pandemic circumstances have evolved)				
		CACNR 2021 BUDGET	ACTUAL TO DATE	NOTES
INCOME:				
CARRY OVER FROM 2020		\$ 10,277.48	\$ 10,277.48	carry over from 2020
ACPAA		\$ -		
CACNR REGULAR MEMBERS		\$ -		
TOTAL INCOME:		\$ 10,277.48	\$ 10,277.48	
EXPENDITURES:				
WORK PROGRAM:				
COMMUNITY OUTREACH				
Website		\$ 700.00		Website updating and maintenance
		\$ 500.00		Place holder for projects tbd
FLY QUIET		\$ 500.00		Place holder for projects tbd
NOISE MONITOR		\$ 500.00		Place holder for projects tbd
WORK PLAN		\$ 500.00		Place holder for projects tbd
EDUCATION				
2 Reps to UC Davis Symposium**		\$ 500.00	\$ 175.00	Conference registration fees for seven CACNR members to attend Virtual February 23rd-26th UC Davis Symposium at \$25 per person
2 Reps to 2 N.O.I.S.E. Conferences**		\$ -		**2021 conferences will be virtual; no registration fee
CONSULTATION/ TASK SUPPORT		\$ 3,000.00	\$ 2,250.00	Pilot project with Jason Schwartz-invoice received 2/3/21 and submitted for payment 2/4/21, due 3/5/21
MEMBERSHIP DUES		\$ 1,000.00		N.O.I.S.E.
ADMINISTRATIVE		\$ 200.00	\$ 48.54	Zoom Pro Account expenses for December 2020 and January and February 2021
TOTAL EXPENDITURES AS OF 05-27-21:		\$ 7,400.00	\$ 2,473.54	Actual to be determined at the end of 2021
CARRY OVER TO 2022 AS OF 05-27-21		\$ 2,877.48	\$ 7,803.94	Actual to be determined at the end of 2021
** Usually includes registration, travel, ground transportation, lodging, meals. 2021 meetings will be held virtually				
FRAME OF REFERENCE: MOU Funding Structure adopted 12/13/2018 calls for initial funding to generate \$22,250, with \$10,000 from ACPAA and \$12,250 to come from CANR's Regular Members. "This funding would be in place for the next two years, subject to annual appropriations. Thereafter, CACNR will provide ACPAA and each Regular Member with a report on the previous year's expenditures, and an annual invoice accompanied by a proposed budget indicating how the requested funds would be utilized, so that funds could be appropriated for the coming year."				
PLEASE NOTE FUNDING FROM ACPAA AND REGULAR MEMBERS WAS NOT REQUESTED FOR 2020 and 2021 DUE TO THE ECONOMIC IMPACTS OF THE CORONAVIRUS PANDEMIC. IT IS ANTICIPATED THE SECOND YEAR OF THE FUNDING STRUCTURE OUTLINED ABOVE WILL BE RESUMED FOR 2022				

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

DATE: May 5, 2021 for May 13, 2021 ACPAA Meeting

TO: Arapahoe County Public Airport Authority

FROM: Centennial Airport Community Noise Roundtable, Don Kuskie

SUBJECT: Centennial Airport Community Noise Roundtable Update

RECOMMENDATION: Advisory

CACNR held a hybrid in-person/virtual meeting on May 5, 2021.

- Seven members of the public joined the meeting, from areas including Greenwood Village, Louviers, Elizabeth, Denver, and the Highlands Ranch Metropolitan District. As is so frequent, the focus of those representatives was the increased noise over their neighborhoods, identified primarily as being caused by training flights. Comments were made about the need to enforce the Noise Abatement Guidelines somehow, how absurd it is for the public to have to call in complaints when the airport has data from the noise monitors, and the public's frustration with repetitious noise.
- The request from the Highlands Ranch Metropolitan District to become a Regular Member of the Centennial Airport Community Noise Roundtable was approved. That brings the make-up of the group to 12 Regular Members and 8 Advisory Members.
- Committees are continuing to address the tasks in the Work Program. One major focus is working with the flight schools, with a preliminary meeting held between CACNR, airport staff, and three of the four major flight schools based at the airport. It is anticipated this is the first of several such meetings to explore ways of working together to lessen training noise wherever and however possible.
- The southeast and southwest practice areas apparently established by the flight schools continue to be topics of interest. Also being explored is any possibility of modifications to the C1 hotspot area.
- Work to get Centennial Airport information on the Whispertrack data base is being resumed.
- A spreadsheet showing night time operations, between 10:00 p.m. and 6:00 a.m., is being developed.
- A statement will be placed on the website, alerting the public to an anticipated increase in airport activity now that summer is arriving, and the Covid-related guidelines are changing toward a more normal pattern of operation.
- We learned the former LOOOP departure procedure is now called the Good Neighbor Procedure. It is used in north flow traffic between 10:0 p.m. and 6:00 a.m. for jets that are IFR and RNAV capable. There was considerable discussion about possible other times and uses for the procedure.
- There was continued interest and concern about the frequency with which the pattern is extended and the impact this has on the public living in proximity to the airport.
- The document "NextGen Benefits Have Not Kept Pace with Initial Projections, but Opportunities Remain to Improve Future Modernization Efforts," from the Office of the Inspector General, US Department of Transportation, was noted with interest. Aurora Alternate Representative Karen Hancock was thanked for calling the document to CACNR's attention. It had been shared with ACPAA, and will be shared with the Colorado members of the Congressional Quiet Skies Caucus.

ACPAA BOARD MEETING NOTES

MAY 13, 2021

Bob Doubek, ACPAA Treasurer

MetroPlex: The U.S. Court of Appeals for the District of Columbia circuit held oral arguments on May 6, 2021 for review regarding the petition for Review filed by the Airport and Co-petitioners against the FAA regarding the Metroplex Environmental Assessment Categorical Exemption. Counsel Kimberly Bruetsch presented oral Arguments for the Airport.

Ramada Hotel: The Receiver was provided a draft lease agreement to give to the hotel proponents in preparation for their proposals to the Board in June.

Concept Plans for hangars were presented by Aero Colorado, Modern Aviation and Sky Harbour. Non objection was approved for all three plans.

Noise Reports for March and April were presented by Rachel Keller and Fuel and Operations Report was presented by Noah Yarborough.

Rjd 5/26/2021

It is anticipated the information below will be included on the CACNR website – specifically how/where to be determined in cooperation with the Community Outreach Committee

The following would be Emailed to every new CACNR Representative as soon as we have contact information:

Welcome to the Centennial Airport Community Noise Roundtable.

The material listed below is designed to help you become familiar with CACNR and the various aspects of its work. Please feel free to contact any of the Work Plan or Executive Committees if you have questions or would like additional information.

A tour of the airport is recommended for those new to involvement with it. Please contact airport staff member Rachel Keller to make satisfactory arrangements.

rkeller@centennialairport.com

303-218-2923 or 303-790-0598

STILL TO BE FINALIZED:

Content – identification of specific information to be included still to be finalized for several categories

What else is needed? Input is sought and welcomed from any CACNR Representative. Should a list of the committees' memberships be included, etc.? What else?

It is anticipated the CACNR Roster will be emailed separately to all new Representatives and Alternates, rather than having that specific information generally available on the website.

Responsibility for managing/updating the file.

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

(CACNR)

www.centennialairportnoise.com

info@centennialairportnoise.com

ORIENTATION MANUAL

Draft Table of Contents

1. Mission, Vision, Values

2. Overview

CACNR Roster

Map – Airport Influence Area (do we include if/what any jurisdiction has done within its boundaries to address the airport's recommendations?)

Map – Geographic Locations of Members with Noise Monitor Locations

3. Current Governing Documents

Memorandum of Understanding and Funding Structure

CACNR Bylaws

CACNR Policies and Procedures

CACNR Work Program & Appendices A & B (Ongoing Activities; Completed or Removed Action Items)

3. Background

CACNR History

CACNR Annual Reports

Federal Aviation Authority Part 150 Noise Exposure and Land Use Compatibility Study Program

Federal Aviation Authority Part 161

Map – Noise Exposure

Noise 101

CACNR Accomplishments

CACNR Minutes

Work Program Highlights

4. Resources

Arapahoe County Public Airport Authority (ACPAA) www.centennialairport.com

Fly Quiet Program

Noise Complaint Hotline 303-790-4709

Federal Aviation Association (FAA) <https://www.faa.gov>

FAA Community Involvement Program

FAA Denver Metroplex Project

NextGen Advisory Committee

Noise Abatement Guidelines

Other Organizations

Congressional Quiet Skies Caucus <https://nqsc.org/Caucus.html>

National Business Aviation Association <http://NBAA.org>

NBAA Noise Abatement Guidelines

N.O.I.S.E. www.aviation-noise.org

Glossary

CACNR/ACPAA 2021 MEETING SCHEDULES**CACNR REPRESENTATIVES TO 2021 MEETINGS OF THE ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY**

ACPAA meets at 3:00 p.m., 7565 South Peoria Street, Englewood, CO 80112

Or virtually, depending on circumstances prior to each meeting

CACNR MEETING	ACPAA MEETING	CACNR REPRESENTATIVE	REPORT DUE DATE
January 06	Not Meeting		(To rkeller@centennialairport.com) combine with February report.
February 03	February 11	Candace Moon	February 05 (see above)
March 03	March 11	Brad Pierce	March 5
April 07	April 08	Melissa Coudeyras	limited time to write.
May 05	May 13	Don Kuskie	May 07
June 02	June 17		June 10
July 07	Not Meeting		combine with August report
August 04	August 12		August 06 (see above)
September 01	September 09		September 03
October 06	October 14		October 08
November 03	November 12 (2 nd Friday)		November 05
December 01	December 09		December 03

ITEMS FOR FOLLOW-UP
For Review on June 2, 2021

- ***** Request was made for a completion date to be added for each item, so CACNR needs to identify its expectations in that regard. **ALL**
- Consider what amount of detail is needed; can it be assumed some things will be done without being listed here. **ALL**
- At all meetings, various ideas seem to be discussed/suggested regarding work of the committees, and on other topics as well. Do such discussions need to be listed, or will each committee make note of the ideas, determine follow-up and report back to the larger group?) **ALL**

05/05/21

1. David Adams inquired if anything had been learned about his concerns expressed in April. **Rachel Keller with Robert Olislagers**
2. Letter from resident in Broomfield area asking for a way for planes to climb north before turning west. Rachel Keller indicated she would investigate further and report findings back to resident and CACNR. **Rachel Keller** ** it should be noted Rachel did a comprehensive response – 19 pages – rather than just not including it on the list. Copies available for Representative if desired.
3. Continue working with Jason Schwartz re Phase II of Work Program Project. **EC**
4. Reestablish talks with WhisperTrack re adding Noise Abatement Guidelines. **Fly Quiet Committee**
5. Develop spreadsheet with nighttime data – 10:00 p.m. -6:00 a.m. **Airport Staff**
6. Place message on website alerting public to anticipated increase in noise complaints resulting from weather changes easing COVID restrictions. **Noise Monitor Committee** ** it should be noted the following was developed and provided for the website, rather than just not including it on this list: *“Due to warmer weather and lessening COVID-19 restrictions, it is anticipated that there will be an increase in flight traffic and associated noise from Centennial Airport. We continue to actively engage with flight schools and pilots to increase their awareness of Noise Abatement Guidelines and other Fly Quiet guidelines. Aircraft noise concerns can be sent to www.centennialairportnoise.com”*
7. Follow-up possibly making the Good Neighbor Procedure an official procedure. **Liam Clark**
8. More meetings to be held with flight schools (one held). Information being gathered from flight schools to see if there is any consistency. **EC with JS/Fly Quiet/Airport Staff**
9. Still need representative to represent CACNR at June and August-December ACPAA meetings. **All**
10. Communicate with Colorado members of Congressional Quiet Skies Caucus, including link to report from the U.S. Department of Transportation, Office of Inspector General. **Brad Pierce**

04/07/2021

1. Robert Olislagers to work with Dave Adams from Inspiration area about the turning route of southbound flights. **RO**

2. Had resident from I-25 and University been able to obtain the tail number of the offending small plane which could not be otherwise identified, so it could be reported as noted in the minutes?
Rachel Keller
3. Had John Kocon from northwest of Castle Pines provided more information to airport staff for further exploration of dramatic change in flight paths affecting his area? **Rachel Keller**
4. Jason Schwartz to be asked to provide a cost estimate for two portions of Phase Two. **EC**
5. Provide map to the new ACPAA location for in-person part of the May meeting. **Robert Olislagers**
6. Reiteration of #2 & #3 from 02/03/21 **Fly Quiet Committee and Brad Pierce**
7. Forward agenda for meeting noted in #7 to Mike Fronapfel and Rachel Keller. **Bill Wasmund.**
8. Send CACNR information about numbers and types of complaints or requests for information received from the public, and the information provided accordingly. **Airport Staff**
9. CACNR to determine what, if any, additional information about noise and its effect on the public it and the public would like to regularly receive, and how that would be used; explore capabilities of current noise monitor system to generate that information; explore capabilities and costs of other systems if appropriate. **No champion identified – could become a major project for a future Work Program?**
10. More attention to be given to the training boxes in the practice areas southeast and southwest of the airport. **Robert Olislagers & airport staff**
11. Ask control tower to attend the meeting under development and referenced in #7 above. Also include the impacts of flight noise in immediate proximity to the airport. **Brad Pierce and Fly Quiet Committee.**
12. As always, need CACNR Representative to attend ACPAA meetings for every remaining month of 2021. **ALL**
13. Provide information to the public about the anticipated demand for more flight training as the need for new pilots is increasing./**No champion identified – do we pursue at this time or in the future?**

03/03/2021

1. As always, need CACNR Representative to attend ACPAA meetings for every month of 2021 except April. **ALL**
2. Follow up to be done with Jason Crow re Congressional Quiet Skies Caucus. **EC or ?**

02/03/21

1. Information about the Flight Standards District Office to be placed on CACNR's website.
Community Outreach Committee
2. Explore holding some type of meeting between CACNR and flight school operators; see if Noise Abatement Guidelines (NAG) should be updated; could NAG be formally incorporated into flight school best practices **Brad Pierce and Fly Quiet Committee**
3. Consider rolling #2 into the Work Program; possibly link with good neighbor incentives; Brad Pierce would coordinate such efforts, perhaps starting with consideration of updating the NAG. **Brad Pierce**

4. Rachel Keller to follow on getting the report from the portable noise monitor that had been placed in Castle Pines Village. **Rachel Keller**

01/06/21

1. Rachel Keller would see if Web Track was working properly, as a member of the public had noticed planes dropping off when he was trying to track flights. **Rachel Keller**
2. Request was made for CACNR to receive a summary or informational report about results from portable noise monitors when they were utilized. **Rachel Keller or airport staff**
3. Email of congratulations to be sent to the Rocky Mountain Metropolitan Airport Community Noise Roundtable. **EC**

From: Emily Tranter <ejtranter@locklaw.com>
Sent: Wednesday, May 26, 2021 11:19 AM
To: albiggs@aol.com
Subject: N.O.I.S.E. ALERT -- FAA Seeks Applications for Grants to Reduce Airports' Environmental Impacts



National Organization to Insure A Sound Controlled Environment

[ALERT -- FAA Seeks Applications for Grants to Reduce Airports' Environmental Impacts](#)

Dear N.O.I.S.E. Members:

The FAA announced that they are accepting pre-applications from airports for the [Environmental Mitigation Pilot Program](#). The program will fund up to six projects that will measurably reduce or mitigate aviation impacts on noise, air quality, or water quality at an airport or within five miles of the airport.

The deadline for Public-use airport operators to submit a pre-application to the FAA is **July 9, 2021**. Projects submitted must be carried out by a joint team consisting of at least two of the following organizations:

- private sector business;
- public or private educational or research organization;
- state or local government entities; or federal laboratories.
- business must be incorporated in the U.S.; educational or research organizations and governments must be located in the U.S.

The pre-application must contain the scope of the project, describe the new environmental mitigation techniques or technologies that have been proven in laboratory demonstrations, and describe the roles and responsibilities of each entity involved in the program.

After reviewing all applications, the FAA will select up to six projects in 2022 and 2023 that provide the greatest environmental benefits. The cost of each project cannot exceed \$2.5 million. The federal share of the project cost is 50 percent with the

selected airports providing the other 50 percent. Airports must complete projects within 24 months of receiving the grants.

This pilot program is the result of the FAA Reauthorization Act of 2018 FAA, which requires the FAA to create a pilot program for environmental mitigation. Grants are made from the noise and environmental set-aside of the Airport Improvement Program.

Please contact N.O.I.S.E. staff if you have any questions or would like to discuss further.

Thank you!
Emily Tranter, N.O.I.S.E. Executive Director

[Visit the N.O.I.S.E Website](#)

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