



CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

September 1, 2021

6:45 p.m. – 8:30 p.m.

Centennial Airport, 7565 S. Peoria Street, Unit D9, Englewood, CO 80112

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

PLEASE NOTE, A CACNR PHOTO WILL BE TAKEN AT 6:30 P.M., WITH THE REGULAR CACNR MEETING TO BEGIN AT 6:45 P.M.

In Person for CACNR Member Representatives and Alternate Representatives

Centennial Airport, 7565 S. Peoria Street, Unit D9, Englewood, CO 80112

Virtual for CACNR Member Representatives and Alternates and Members of the Public If Desired

Please register for [Centennial Airport Community Noise Roundtable on September 1, 2021 6:30 PM MDT](https://attendee.gotowebinar.com/register/88337380478009101) at:

Registration URL

<https://attendee.gotowebinar.com/register/88337380478009101>

Webinar ID

872-693-539

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

AGENDA

1. CALL TO ORDER AND DETERMINATION OF QUORUM:

Arapahoe County: Carrie Warren-Gully/Bill Skinner
Paul Krier/Vacant

Douglas County: Abe Laydon/Dan Avery
Alison Biggs/Mark Adams

Aurora: Brad Pierce/Karen Hancock

Castle Pines: Melissa Coudeyras/Kevin Rants

Castle Rock: Laura Cavey/Vacant

Centennial: Candace Moon/Don Sheehan

Cherry Hills Village: Al Blum/Afshin Safavi

Foxfield: Pam Thompson/Frank Lawrence

Greenwood Village: Tom Dougherty/Donna Johnston

Highlands Ranch Metro Dist. Andy Jones/Renee Anderson
Lone Tree: Mike Anderson/Alex Hufft
Parker: Amy Holland/Todd Hendreks
ACPAA: Robert Olislagers/Michael Fronapfel
AOPA: Robert Doubek/John Hirshman
CABA: Don Kuskie/Mike Straka
CDOT Aeronautics Div: Todd Green/Vacant
FAA APA Control Tower: Kurt Carpenter/Ron Curry
FAA District Office: John Bauer/John Sweeney
FAA TRACON: Steve Martin/Bill Dunn
Wings Over the Rockies: 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, August 4, 2021 – Alison Biggs, Secretary
- B. TREASURER’S REPORT, August 2021 – Tom Dougherty, Treasurer
- C. NOISE REPORT, July 2021 – Rachel Keller
- D. ACPAA, August 12, 2021 – Andy Jones, CACNR Representative to August 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 Progress

- 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 – Kurt Carpenter/Ron Curry

7. OTHER REGULAR REPORTS:

- A. AIRPORT DIRECTOR'S REPORT – Robert Olislagers
 - 1. Airport Activity
 - 2. Legislative
 - 3. Litigation/Metroplex –
 - 4. Other
- B. 2nd Quarter Land Use Review – Rachel Keller

8. OLD BUSINESS:

- A. 2021 MEETING SCHEDULE FOR CACNR AND ACPAA with CACNR REPRESENTATIVES TO ACPAA
 - 1. Need CACNR Representative for ACPAA September 9, 2021 through the rest of the year
- B. CONGRESSIONAL QUIET SKIES CAUCUS
- C. ITEMS FROM PRIOR CACNR MEETINGS

9. NEW BUSINESS:

- A. INFORMATION SHARING
- B. UC DAVIS NOISE AND EMISSION SYMPOSIUM, MAY 1 – MAY 3, 2022

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

11. NEXT MEETINGS:

- A. **CACNR** –
 - October 6, 2021 6:30 p.m. 7565 S Peoria Street, Unit 9D
 - November 3, 2021 6:30 p.m. 7565 S Peoria Street, Unit 9D
 - December. 1, 2021 6:30 p.m. 7565 S Peoria Street, Unit 9D
- B. **ACPAA** –
 - September 9, 2021 3:00 p.m. hybrid in-person/virtual meeting
 - October 14, 2021 3:00 p.m. hybrid in-person/virtual meeting
 - November 11, 2021 3:00 p.m. hybrid in-person/virtual meeting
 - December 9, 2021 3:00 p.m. hybrid in-person/virtual meeting

12. ADJOURN



CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE
MINUTES

August 4, 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 meeting was called to order at 6:33 p.m. by Chair Brad Pierce. The following were in attendance and a quorum was present:

Arapahoe County	Carrie Warren-Gully	Centennial:	Candace Moon
Arapahoe County:	Paul Krier	Greenwood Village:	Donna Johnston
Douglas County:	Dan Avery	Highlands Ranch Metro District	Andy Jones
Douglas County:	Alison Biggs	Lone Tree:	Mike Anderson
Aurora:	Brad Pierce	Parker:	Todd Hendreks
Castle Pines:	Kevin Rants	ACPAA:	Robert Olislagers
		CABA:	Don Kuskie

Others in attendance were Arapahoe County Alternate Representative Bill Skinner; Aurora Alternate Representative Karen Hancock; ACPAA Alternate Representative Mike Fronapfel; and ACPAA staff Gina Conley and Deborah Smith..

Absent: 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
Foxfield:	Pam Thompson/Frank Lawrence	FAA TRACON:	Steve Martin/Bill Dunn
CDOT Aeronautics Div:	Todd Green/Vacant	Wings Over the Rockies	Bill Wasmund

The Chair requested that, as pandemic guidelines allow, Members' Representatives and Alternates try to attend meetings in person in the future if possible.

2. **PUBLIC COMMENT:**

A. **VIRTUAL MEETING ATTENDEES** - Jim McCarthy of Highlands Ranch, in the area of University and C-470, indicated he had lived in that area for about 30 years and the increase and consistency of noise has been dramatic, as has the repeated use of the same flight path over his house. Low prop flights have decreased his quality of life considerably. He had spoken with airport staff about the problem. He wondered if there were any way flights could be spread out more, so that no one area would have to bear the brunt of such noise. Mike Fronapfel noted the upcoming work with the flight schools may help, and encouraged residents in the areas bothered file noise complaints.

It was noted that this area is out of the Centennial Airport's Control Tower airspace, and so the airport and CACNR have no control, other than to encourage voluntary good neighbor practices. The use of C-470 has been considered appropriate, but the frequency of flights does present a frustrating problem for residents along that corridor.

Kim Helvig has lived in Elizabeth for 30 years, and echoed the comments from Mr. McCarthy. Residents are at the mercy of pilots, and it does not seem fair – why can't the public have a say? She wondered how many in other states have the same problem. She also wondered how many flight schools are allowed to operate out of Centennial Airport, and if there was any kind of limit to that number. There are seven schools now. Mike Fronapfel and Robert Olislagers responded that as long as a school meets the airport's minimum standards, it will be accepted. There is opportunity for a public hearing before a school is accepted, but the FAA will not let the airport limit the number of schools. The schools have seemed receptive to requests for good neighbor practices, as they want to maintain their businesses, but problems obviously do still exist.

Randy Johnson from Louviers reported his area had been doing reasonably well until today, with at least nine offending noisy flights between 6:55 a.m. and 11:15 a.m. As the day was overcast, many of them could be heard for lengthy periods of time, as they were both coming and going over his location.

James Slaggert of Orchard Hills #1 in Greenwood Village noted he had attended CACNR meetings before. He had also communicated with both the airport and CACNR recently, providing reports of about 32 flights between the hours of 7:45 a.m. and noon – a parade of planes – on one day, and 38 flights between the hours of 8:10 a.m. and 10:44 a.m. on a second reported day. He indicated this had become almost a constant circle of planes which seem to be training flights almost every morning. He asked for help holding the flight schools and their pilots accountable and responsible for quieting the skies over his house and neighborhood. Quality of life has become terrible. What can residents do?

B. **FROM CACNR EMAIL ADDRESS** – A request for the list of CACNR Members and their contact information had been received. CACNR had provided the list of the 20 CACNR Regular and Advisory Members, and had noted each could be contacted through its website. Airport staff had provided the list of Members, plus the names of the Representatives of each, information which is also available in both the CACNR website, and that of the ACPAA.

The following email had been received: “At 6:50 a, today I was awoken by a jet flying over my home on South Yosemite. It's Sunday of a holiday weekend. Is it really necessary to schedule such early flights? Or flights as late as 10:30 or 11:00 pm, which also come at a time when people want to sleep. It's bad enough that a walk in the park, which one would hope would be peaceful and relaxing, is often interrupted by a loud airplane passing over every three minutes or so. Do the people benefiting from all the noise generation bear any of the consequences of it?” A response had been sent to the individual, and an invitation to attend CACNR meeting had been extended.

During discussion of the various communications received by CACNR, it was noted such things as quiet hours in the evenings/nights/early mornings, limitations of night-time training, or limitations on where aircraft can fly after leaving the airport's control tower airspace cannot be made mandatory, per the FAA, but can only be voluntary actions by the aircraft operators. The impact of medical helicopter and organ donation flights was also mentioned.

3. **CONSENT AGENDA:** The Consent Agenda included the June 2, 2021 draft minutes; two Treasurer's Reports dated July 1 and July 28, 2021, the latter of which showed a balance of \$6,471.58; the May and June Noise Reports; the CACNR report to the June 17, 2021 ACPAA meeting from Melissa Coudeyras; a report of the June 17, 2021 ACPAA meeting from Robert Doubek; and the Agenda from the June 21, 2021 meeting of the NextGen Advisory Committee. On the motion of Mike Anderson, duly seconded, the Consent Agenda was approved.

A summary of the May and June Noise Reports follows, with some comparative data included:

Total Local Operations: June – 12,974 May – 9,243 April – 13,579
Total Operations: June – 30,148 May – 22,855 April – 27,444

Year To Date Total Operations: June – 147,499 May – 117,351 April – 94,496

Noise Events: June Total – 34,335 May Total – 28,869

<u>June Totals:</u>	<u>May Totals:</u>	<u>June 60 – 69 db:</u>	<u>May 60 – 69 db:</u>
13,107 Golf Course	10,474 Golf Course	7,325 Golf Course	5,401 Golf Course
7,086 Meridian	5,671 Meridian	5,207 Meridian	3,994 Meridian
3,256 Airport East	2,545 Airport East	2,044 State Park	1,820 Parker
3,007 State Park	2,513 State Park	1,947 Parker	1,608 State Park
2,229 Parker	2,098 Parker	1,472 Airport East	1,230 Airport East
1,408 Grandview Estates	1,355 Grandview Estates	1,249 Grandview Estates	1,227 Grandview Estates
1,086 Castle Rock	1,171 Greenwood Village	1,027 Castle Rock	1,110 Castle Rock
1,084 Greenwood Village	1,167 Castle Rock	984 Greenwood Village	1,014 Greenwood Village
916 Lone Tree	807 Lone Tree	844 Lone Tree	748 Lone tree
660 Hunters Hill	588 Hunters Hill	599 Hunters Hill	531 Hunters Hill
308 Castle Pines	283 Castle Pines	293 Castle Pines	263 Castle Pines
188 Sagebrush Park	197 Sagebrush Park	170 Sagebrush Park	180 Sagebrush Park

<u>June 70-79 db:</u>	<u>May 70-79 db:</u>	<u>June 80-89 db:</u>	<u>May 80-89 db:</u>
4,646 Golf Course	3,880 Golf Course	981 Golf Course	1,087 Golf Course
1,813 Meridian	1,625 Meridian	719 Airport East	546 Airport East
1,014 Airport East	882 State Park	66 Meridian	46 Meridian
950 State Park	729 Airport East	12 State Park	22 State Park
279 Parker	276 Parker	6 Castle Rock	9 Greenwood Village
154 Grandview Estates	148 Greenwood Village	5 Grandview Estates	2 Hunters Hill
97 Greenwood Village	128 Grandview Estates	3 Greenwood Village	2 Parker
70 Lone Tree	57 Lone Tree	3 Hunters Hill	1 Castle Rock
58 Hunters Hill	56 Castle Rock	3 Parker	- Castle Pines
53 Castle Rock	55 Hunters Hill	2 Lone Tree	- Grandview Estates
18 Sagebrush Park	20 Castle Pines	- Castle Pines	- Lone Tree
15 Castle Pines	17 Sagebrush Park	- Sagebrush Park	- Sagebrush Park

Noise events in the **90+ decibel** range were:

June: 154 Golf Course 51 Airport East 1 State Park
May: 106 Golf Course 40 Airport East 2 Lone Tree 1 State Park

Complaints and Numbers of Households: June – 1,476 & 145 May – 1,106 & 76 April – 1,118 & 55 March – 863 & 38

<u>June Complaints:</u>	<u>May Complaints:</u>	<u>June Households:</u>	<u>May Households:</u>
410 Uninc. Douglas County	455 Uninc. Arapahoe County	52 Uninc. Arapahoe County	26 Uninc Arapahoe
388 Uninc. Arapahoe County	170 Uninc. Douglas County	36 Greenwood Village	11 Greenwood Vlg.
251 Greenwood Village	140 Greenwood Village	13 Other	10 Uninc. Douglas
138 Castle Rock	122 Centennial	12 Uninc. Douglas County	5 Centennial

111 Centennial	70 Castle Rock	11 Centennial	5 Other
86 Other	65 Other	5 Lone Tree	4 Castle Pines
47 Aurora	54 Aurora	4 Aurora	4 Denver
17 Highlands Ranch	13 Castle Pines	4 Denver	3 Aurora
15 Castle Pines	6 Highlands Ranch	3 Castle Pines	3 Lone Tree
8 Lone Tree	4 Denver	2 Castle Rock	2 Castle Rock
4 Denver	4 Parker	2 Highlands Ranch	1 Highlands Rnch
1 Parker	3 Lone Tree	1 Parker	1 Parker
- Cherry Hills Village	- Cherry Hills Village	- Cherry Hills Village	- Cherry Hills Vil

Comparatively, in June 2021, there had been 1,476 complaints from 30,148 operations; in June 2020, there had been 809 complaints from 25,242 operations.

In May 2021, there had been 1,106 complaints from 22,855 operations; in May 2020, there were 627 complaints from 30,398 operations.

Year to Date, at the end of June 2021, there had been 6,253 complaints from 238 households:

Complaints:

- 2,508 Unincorporated Arapahoe County (40%)
- 1,012 Unincorporated Douglas County (16%)
 - 766 Greenwood Village (12%)
 - 761 Centennial (12%)
 - 525 Castle Rock (8%)
 - 232 Aurora (4%)
 - 180 Other (3%)
 - 107 Highlands Ranch (2%)
 - 80 Parker (1%)
 - 31 Castle Pines (0.5%)
 - 28 Denver (0.4%)
 - 22 Lone Tree (0.35%)
 - 1 Cherry Hills Village (0.15%)

Households:

- 79 Unincorporated Arapahoe County (33%)
- 50 Greenwood Village (21%)
- 23 Unincorporated Douglas County (10%)
- 21 Other (9%)
- 18 Centennial (8%)
- 12 Denver (5%)
- 10 Lone tree (4%)
- 7 Aurora (3%)
- 6 Castle Pines (2.5%)
- 6 Highlands Ranch (2.5%)
- 3 Parker (1.3%)
- 2 Castle Rock (0.8%)
- 1 Cherry Hills Village (0.4%)

Year to date at the end of June 2021, there had been **708 responses requested**, with 416 requests made by email and 292 made by telephone.

1,271 of the 1,476 daytime complaints in June were about fights during **day hours** (86%); 205 were about **night flights** (14%) In May, those numbers had been 1,013 of 1,106 about day flights (91%) and 93 about night flights (9%).

Year to date by the end of June (and May), the **top five complaining households** were in:

- 1,068 Unincorporated Arapahoe County (17%) (958 – 17%)
- 1,011 Unincorporated Arapahoe County (16%) (839 – 20%)
- 572 Unincorporated Douglas County (9%) (480 – 10%)
- 556 Centennial (9%) (422 – 9%)
- 516 Greenwood Village (8%) (411 – 9%)

Props accounted for 70% of the complaints by aircraft type in June, while **jets accounted for 28% of the complaints**, and **2% were about helicopters**. In May, props were 71%, jets were 27%, and helicopters were 2%.

Training was responsible for 37% of the complaints in June, and 36% in May. **Departures** were responsible for 36% of the complaints in June and 37% in May. **Arrivals** were responsible for 27% of the complaints in both June and May.

The graph showing the 13-month relationships between airport operations and the numbers of complaints with and without the top complaining household removed was again provided. Peak numbers in all categories continued to be those which had occurred in September 2020.

The June, May, and Year to Date complaint maps continued to show **largest cluster of complaints** located north and slightly west of the airport’s north-south runway. In June there had been 10 complaining households from outside the map boundaries: 3 from Littleton, 2 from Boulder, and 1 each from Black Hawk, Colorado Springs, Elizabeth, Franktown, and Morrison. In May, there had been 3: Broomfield, Elizabeth, and Morrison. Year to date by the end of June, there had been 22 complaining household from outside the map boundaries: 6 from Littleton, 2 each from Boulder, Colorado Springs, Denver, Franktown, Morrison, and 1 each from Black Hawk, Broomfield, Elizabeth, Parker, Sedalia, and Thornton. The April 2021 Radar Track Density Map was included with both reports..

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

5. **COMMITTEE REPORTS:**

A. **EXECUTIVE /WORK PLAN COMMITTEES** – The document used during the meeting with the CACNR Executive Committee, the CACNR Fly Quiet Committee members, airport staff and County Commissioners from both Arapahoe and Douglas Counties had been provided, as well as a summary of that meeting. After receiving contact information from airport staff for the flight schools, a meeting with the above group plus the flight schools will be scheduled, probably in September.

B. COMMUNITY OUTREACH – Todd Hendreks reported for this committee. Updates to the website were ongoing, with the latest being the addition of new information to the FAQ section; the attachment of all 2020 agendas, meeting packets, minutes, and noise reports; and revision of sections and retitling all of the links to clearly document CACNR activity during COVID. A 2021 Meeting Information section will be added, with a similar format to remain consistent.

The committee was waiting on guidance from airport staff in relation to previous CACNR discussion to provide more detailed information on the noise monitor locations and metrics for how they detect noise. The plan was to update the information on the website once the information had been received.

It was suggested an education session about the capabilities of the noise monitoring system would be useful, including such items as the ambient thresholds which are adjusted annually and if there are other types of available data which CACNR would find valuable. Also requested was information about how the current locations were selected. By consensus, it was agreed to hold this session during the October CACNR meeting. All agreed to consider what additional information might be desired if any.

B. FLY QUIET – Don Kuskie reported for the committee, and written reports had been provided June and July. The committee continued to work as reported by the Executive Committee on planning the meeting with the flight schools.

The committee had reestablished a connection with Whispertrack in order to get the Noise Abatement Guidelines added to its electronic tablet application. This effort had been successful, and the information was now available to Whispertrack users nation-wide.

Efforts also continue to identify a location for a second noise abatement sign at the airport.

C. NOISE MONITORS – The committee had not met. The message alerting the public about the effects of anticipated changes in noise due to increased flights with the easing of COVID restrictions had been placed on the website.

E. WORK PLAN – The committee had not met.

6. FAA REPORTS:

A. CENTENNIAL (APA) AIR TRAFFIC CONTROL TOWER – None

7. OTHER REGULAR MONTHLY REPORTS:

A. AIRPORT DIRECTOR'S REPORT –

1. Airport Activity: Robert Olislagers commented again on the midair collision which had occurred over the Cherry Creek Reservoir area on May 12th. Both planes were preparing to land at Centennial Airport. Both the FAA and the NTSB were investigating. Traffic in the pattern has now been limited to 4-6 at any one time.

He also mentioned the June 16th crash in an open field in the Lone Tree area which resulted in the deaths of two individuals and a dog. As with the above collision, an investigation is underway, but he noted this is an example of why open space is important around any airport.

Olislagers then reported Melissa Booth had changed jobs, going to the Denver Center, so Kurt Carpenter would serve in an acting capacity, with a permanent replacement expected in about 2 months.

The Morgan Adams fundraiser for pediatric cancer research would be held at the airport again this year, on August 21. Over \$5 million had been raised in the 18 years it had been held at Centennial Airport.

2. Legislative: Nothing reported.

3. Metroplex: Information had been shared about the judicial determination that the plaintiffs in this case had no standing, so the case had been dismissed. Olislagers noted it was difficult to follow this line of reasoning, and it was felt the merits of the case had not really been considered. The dramatically decreased number of flights due to COVID had resulted in a lack of realistic data demonstrating harm caused by the Metroplex project; such data was now beginning to be gathered. However, airport staff felt it was useless to appeal at the present time, due to the high cost and low odds of changing minds. ACPAA will discuss the situation at its upcoming meeting on August 12. Some options which might be explored included updating the Part 150 study, engaging in a Part 161 study, and/or updating the noise exposure maps.

8. OLD BUSINESS:

A. 2021 MEETING SCHEDULE FOR CACNR & ACPAA, INCLUDING CACNR REPRESENTATIVES TO ACPAA – The 2021 meeting schedule was provided. Andy Jones agreed to represent CACNR at the August 12, 2021 ACPAA meeting.

B. CONGRESSIONAL QUIET SKIES CAUCUS – no report

C. ACTION ITEMS FROM PRIOR CACNR MEETINGS – A list of Items for Follow-Up from previous meetings had been provided. Items which were considered accomplished included:

From 06/02/21: #3

From 05/05/21: #2; #4; #6;

A. NEW BUSINESS:

A. INFORMATION SHARING – It was noted the CACNR photo on the website was very outdated. Following discussion,

it was agreed to have a new one taken at the September meeting. Committees which wished to could still meet at 6:00 p.m. The photo will be taken at 6:30 p.m., and the regular meeting will convene at 6:45 p.m.

Mike Anderson shared that the City of Lone Tree recently approved a Site Improvement Plan (SIP) for a transit friendly 435-unit market rate apartment building near the Lincoln Station light rail station. The 5-story mixed use facility will be located west of I-25 on the east side of Park Meadow Drive, across the street from the Kaiser Permanente medical center. The site is within the Centennial Airport area of influence.

The FAA has issued a no navigation hazard determination for construction and operation of the project. As part of the City's land use approval process, the project applicant has included, in the conditions for approval, notification to prospective residents of proximity to Centennial Airport, which may have impacts, including aircraft noise, on property residents.

Coventry Development is continuing to work with developers and the City on development plans for the property east of I-25 and south of Lincoln Avenue over the next 5- 10 years. Shea Homes is currently on-site installing infrastructure for a residential project east of the Ridgeway light rail station and south of Ridgeway Parkway.

Another flyer was provided, headed Voluntary Noise Abatement and notes that "in All cases, safety and ATC Instruction take precedence." Some of the Noise Abatement Guidelines are included, as are notations "Let's Be Good Neighbors" and "Let's Fly Quiet."

10. **PUBLIC COMMENT:** None

11. **NEXT MEETINGS:**

- A. **CACNR** – September 1, 2021 6:45 p.m. 7565 S Peoria Street, Unit 9D, Englewood, CO
October 6, 2021 6:30 p.m. 7565 S Peoria Street, Unit 9D, Englewood, CO
November 3, 2021 6:30 p.m. 7565 S Peoria Street, Unit 9D, Englewood, CO
December 1, 2021 6:30 p.m. 7565 S Peoria Street, Unit 9D, Englewood, CO

- B. **ACPAA** – Aug. 12, 2021 3:00 p.m. Hybrid in-person/virtual meeting 7565 S Peoria Street, Unit D9, Englewood, CO
Sept 9, 2021 3:00 p.m. Hybrid in-person/virtual meeting 7565 S Peoria Street, Unit 9D, Englewood, CO
Oct 4, 2021 3:00 p.m. Hybrid in-person/virtual meeting 7565 S Peoria Street, Unit 9D, Englewood, CO
Nov 11, 2021 3:00 p.m. Hybrid in-person/virtual meeting 7565 S Peoria Street, Unit 9D, Englewood, CO
Dec 9, 2021 3:00 p.m. Hybrid in-person/virtual meeting 7565 S Peoria Street, Unit 9D, Englewood, CO

12. **ADJOURNMENT:** The meeting was adjourned at 8:07 p.m.

Alison Biggs, Secretary

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE		2021 BUDGET AS OF AUGUST 26, 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
			\$ 1,200.00	Consulting Services from Jason Schwartz received 7/13/21 and submitted for payment 7/21/21, due 8/11/21
			\$ 337.50	Consulting Services from Jason Schwartz received 8/16/21 for work done 7/10/21
MEMBERSHIP DUES		\$ 1,000.00	\$ 1,000.00	N.O.I.S.E. 2021 Membership Dues received 8/6/21 and submitted for payment 8/9/21
ADMINISTRATIVE		\$ 200.00	\$ 48.54	Zoom Pro Account expenses for December 2020 and January and February 2021
			\$ 32.36	Zoom Pro Account expenses for March and April 2021
			\$ 100.00	Donation to Lone Tree Arts Center in Memory of Harold Anderson
TOTAL EXPENDITURES AS OF 08-26-21:		\$ 7,400.00	\$ 5,143.40	Actual to be determined at the end of 2021
CARRY OVER TO 2022 AS OF 08-26-21		\$ 2,877.48	\$ 5,134.08	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				



TO: ACPAA for August 12, 2021

FROM: CACNR, Andy Jones Representative

CACNR met on August 4, 2021, after having to cancel its scheduled July 7, 2021 meeting.

Four members of the public spoke, with a variety of similar complaints about increased and repetitive aircraft noise over their homes. Many of the complaints were perceived to involve those originating from flight schools. CACNR's planned meeting with the flight schools was noted, as were some of the limitations which exist when planes are out of the airport's airspace, and the reliance on pilots to fly quiet solely on a voluntary basis.

One planning meeting had been held between CACNR and its consultant, airport staff, and representatives from Arapahoe and Douglas Counties, to establish an agenda for the meeting with the flight schools. It is anticipated that meeting will be held in September.

Updates to the CACNR website are ongoing.

Whispertrack information for Centennial Airport has been updated and is accessible by all Whispertrack users throughout the nation.

Plans were made to hold an educational session for CACNR in October, with a focus on the design, capabilities, and usage of the noise monitor system and its available data. A review of information desired from the system will be conducted, and any thoughts/requests from ACPAA members would be welcomed as well.

A brief review of the recent accidents at Centennial Airport was received, as was an update on the judicial ruling on the airport's Metroplex lawsuit, and the anticipated response to that ruling.

The next CACNR meeting will be on September 1, 2021

MEMORANDUM

DATE: June 30, 2021
TO: ACPAA Board Members
FROM: Rachel Keller- Senior Planner- Noise & Environment
RE: Land Use Review

The following is a list of Land Use Development referrals that have been reviewed by Centennial Airport staff from 4/1/2021 through 6/30/2021:

Date	Previously Referred	Development	Location	Referring Entity	Type	Recom.
4/2/2021	<input type="checkbox"/>	Marine Diving Solutions Office Warehouse Site Plan	Adj to 13356 E Briarwood Ave	City of Centennial	C	S
4/9/2021	<input type="checkbox"/>	S Revere Light Industrial Buildings Final Plat	7194 and 7246 S Revere Pkwy	City of Centennial	C	S
4/9/2021	<input type="checkbox"/>	S Revere Light Industrial Buildings Site Plan	7194 and 7246 S Revere Pkwy	City of Centennial	C	S
4/15/2021	<input type="checkbox"/>	Millenium Peakview MDP AMD	7825 E Peakview Ave	City of Centennial	C/R	S
4/15/2021	<input type="checkbox"/>	Starbucks w/ Drive-Through Site Plan	20123 E Smoky Hill Rd (outside of airspace)	City of Centennial	C	A
4/19/2021	<input type="checkbox"/>	Cellular Facility to review and consider specific equipment installation being proposed	Lakeview Park-SEC of E Orchard Rd and S Nome St	Arapahoe County	R	S
4/19/2021	<input type="checkbox"/>	Location and Extent Plan AMD for Lakeview Park	Lakeview Park-SEC of E Orchard Rd and S Nome St	Arapahoe County	R	S
4/22/2021	<input type="checkbox"/>	6294 S Kenton Way Administrative AMD to Location & Extent	Peakview Park-6294 S Kenton Way	Arapahoe County	R	S
4/22/2021	<input checked="" type="checkbox"/>	Canyons South Preliminary Plan Filing 1A, 1st Revision	Superblock NE of Founders Pkwy and Crowfoot Valley Rd	Douglas County	R	S
4/25/2021	<input checked="" type="checkbox"/>	RidgeGate Southwest Village Filing No 1	SEC of RidgeGate Pkwy and S Havana St	City of Lone Tree	R	S
4/26/2021	<input type="checkbox"/>	6031 S Brook Valley Way Final Plat	6031 S Brook Walley Way (outside of airspace)	City of Centennial	R	A
4/27/2021	<input type="checkbox"/>	Quebec Village Grocery Store Site Plan AMD	8181 S Quebec St	City of Centennial	C	A
5/6/2021	<input type="checkbox"/>	Highfield Business Park, 9th Amendment, Lot 9A, Dish Network	NEC of Compark Blvd and Highfield Pkwy	Douglas County	C	S
5/13/2021	<input type="checkbox"/>	Millenium Peakview Site Plan	7825 E Peakview Ave	City of Centennial	C/I/R	A
5/18/2021	<input type="checkbox"/>	Heritage Heights Academy Site Plan	20050 E Smoky Hill Rd	City of Centennial	C/I/R	A
5/19/2021	<input checked="" type="checkbox"/>	Canyonside Filing 1, 1st AMD	SEC of Canyon Forge Dr and Canyonside Blvd	Castle Pines	C/I/R	S
5/19/2021	<input checked="" type="checkbox"/>	The Canyons Superblock Plat #2 1st AMD	Superblock #1 S of Castle Pines Pkwy btwn I-25 and Superblock #2	Castle Pines	C/I/R	S
5/20/2021	<input type="checkbox"/>	Verizon Wireless Accessory Building Site Plan	7028 S Clinton St	City of Centennial	I/C	A

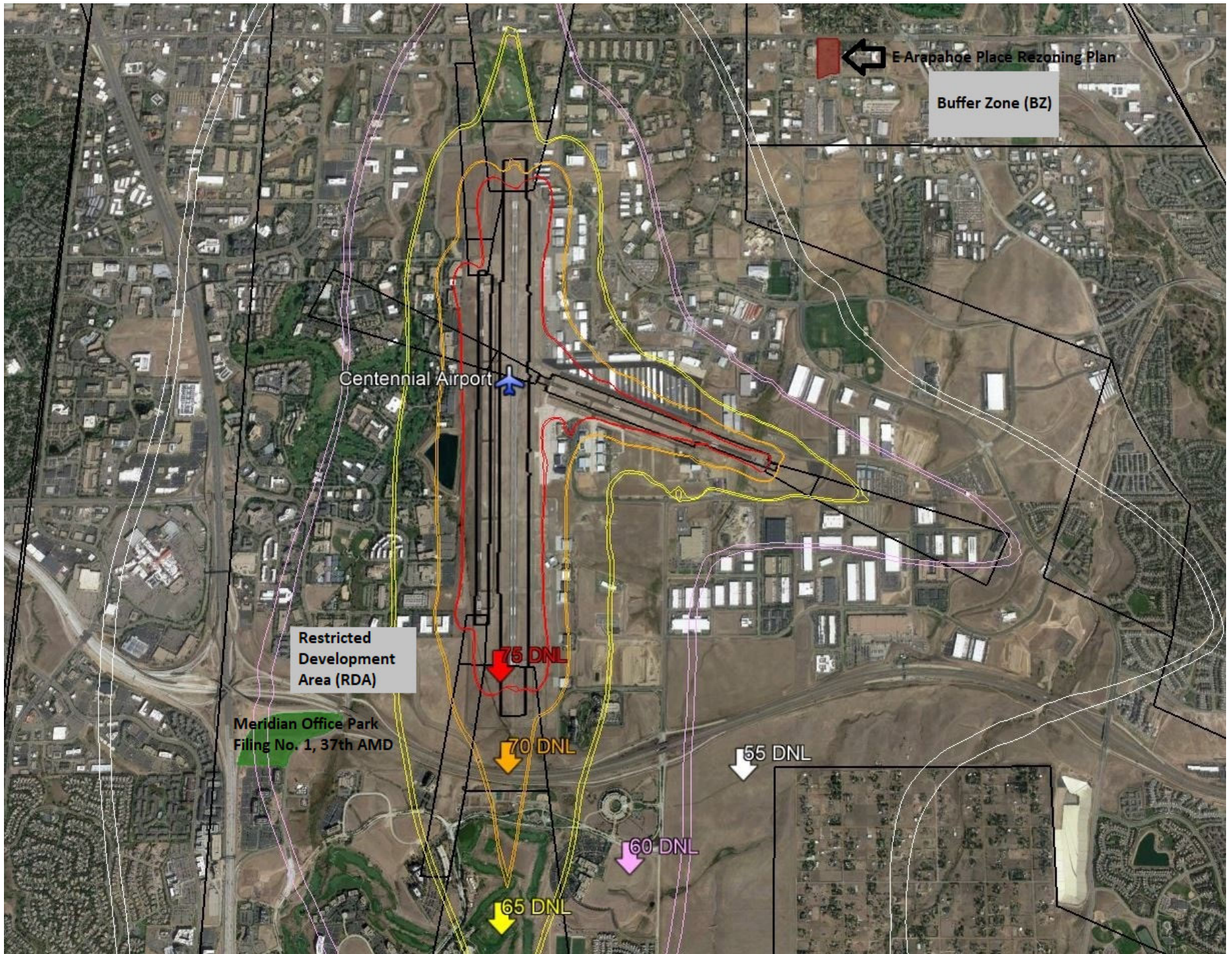
Type of Development: R = Residential
C = Commercial
I = Industrial

Recommendation: A = Approved as Submitted
S = Subject to Comments
N = Not Recommended

Date	Previously Referred	Development	Location	Referring Entity	Type	Recom.
5/21/2021	<input type="checkbox"/>	Xcel Transmission Line Project	Holly St to Littleton Blvd	City of Centennial		A
5/25/2021	<input type="checkbox"/>	Fairplay Dove Valley Business Park Administrative Site Plan	SWC of E Broncos Pkay and S Fairplay St	Arapahoe County	C/I/R	S
5/28/2021	<input type="checkbox"/>	Johnson Storage And Moving Site Plan	7009 S Jordan Rd	City of Centennial	C/I/R	S
6/4/2021	<input type="checkbox"/>	Dove Valley Logistic Center	SEC of E Broncos Pkwy and S Fairplay St	Arapahoe County	C/I/R	S
6/4/2021	<input type="checkbox"/>	Dove Valley Logistic Center	SEC of E Broncos Pkwy and S Fairplay St	Arapahoe County	C/I/R	S
6/7/2021	<input type="checkbox"/>	Denver Biscuit Company Site Plan	8721 S Quebec St	City of Centennial	C	A
6/7/2021	<input type="checkbox"/>	South Valley Prefab Site Plan	NWC of E Caley Ave and S Nome Ct	City of Centennial	C/I/R	S
6/8/2021	<input type="checkbox"/>	SIP for the Ventana Office Building	S of Castle Pines Pkwy btwn Yorkshire Dr and Lagae Rd	Castle Pines	C/I/R	A
6/9/2021	<input type="checkbox"/>	E Arapahoe PI Rezoning Plan	NWC of E Briarwood Ave and S Atchinson St	City of Centennial	C/I/R	N
6/9/2021	<input checked="" type="checkbox"/>	Meridian Office Park Filing No. 1, 37th Amendment	SEC of E-470 and I-25	Douglas County	C/I/R	N
6/14/2021	<input type="checkbox"/>	Millenium Peakview Final Plat	7825 E Peakview Ave	City of Centennial	C/I/R	A
6/15/2021	<input type="checkbox"/>	Pinery West Filing 1K, Part Tract D	West side of The Pinery	Douglas County	R	A
6/18/2021	<input type="checkbox"/>	AutoNation Centennial Solar Carports	9750 E Costilla Ave	City of Centennial	C	S
6/21/2021	<input type="checkbox"/>	Orchard Pool	Cherry Creek Vista Orchard Pool-11350 E Orchard Rd	Arapahoe County	R	S
6/24/2021	<input type="checkbox"/>	Encompass 53 Office Warehouse	NEC of S Potomac St and E Fremont Ave	City of Centennial	C/I/R	S

Type of Development: R = Residential
C = Commercial
I = Industrial

Recommendation: A = Approved as Submitted
S = Subject to Comments
N = Not Recommended



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

<u>CACNR MEETING</u>	<u>ACPAA MEETING</u>	<u>CACNR REPRESENTATIVE</u>	<u>REPORT DUE DATE</u>
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	Melissa Coudeyras	June 10
July 07 (cancelled)	Not Meeting		
August 04	August 12	Andy Jones	August 06
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 September 1, 2021

- Request was made for a completion date to be added for each item, so CACNR needs to identify its expectations in that regard. Dates need to be established at the time needed action is identified. **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**

06/02/21

1. Staff updates awaited for adding Noise Abatement Guidelines to Whispertrack's electronic tablet application. **Rachel Keller**
2. Statement re public alert to anticipated increased noise due to easing of COVID restrictions to be placed on CACNR website. **Community Outreach Committee**
3. Continue work on CACNR Orientation materials for placement on CACNR website. Work Plan and Community Outreach Committees

05/05/21

1. David Adams inquired if anything had been learned about his concerns expressed in April. **Rachel Keller with Robert Olislagers**
2. Continue working with Jason Schwartz re Phase II of Work Program Project. **EC**
3. Develop spreadsheet with nighttime data – 10:00 p.m. -6:00 a.m. **Airport Staff**
4. Follow-up possibly making the Good Neighbor Procedure an official procedure. **Liam Clark**
5. 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**
6. Still need representative to represent CACNR at June and August-December ACPAA meetings. **All**
7. 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 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**
3. Jason Schwartz to be asked to provide a cost estimate for two portions of Phase Two. **EC**

4. Reiteration of #2 & #3 from 02/03/21 **Fly Quiet Committee and Brad Pierce**
5. Forward agenda for meeting noted in #7 to Mike Fronapfel and Rachel Keller. **Bill Wasmund.**
6. Send CACNR information about numbers and types of complaints or requests for information received from the public, and the information provided accordingly. **Airport Staff**
7. 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?**
8. More attention to be given to the training boxes in the practice areas southeast and southwest of the airport. **Robert Olislagers & airport staff**
9. 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.**
10. 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. 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**

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**

Hello Alison,

We're sorry! We gave you the wrong date for the 2022 ANE Symposium. Next year's symposium is scheduled for **Sunday, May 1st through Tuesday, May 3rd**. We hope you didn't purchase you flight just yet! (We're kidding, flights are not available yet.)

Our team is still excited to host you on the UC Davis campus next spring to show off all the wonderful activities Northern California has to offer and let you experience the beautiful weather that we have at the beginning of May.

Let us know if you can tentatively join the symposium and then download a calendar reminder below.



University of California, Davis
**Aviation Noise &
Emissions Symposium**

April 17-19, 2022



We are excited to share that the 2022 Symposium will be coming back to the UC Davis campus in Northern California!

Our team is excited to host you for the first time in over two decades and show how beautiful spring can be in Northern California. From the rolling hills of the local wine counties to Lake Tahoe's beautiful hikes and unique micro-breweries, you will surely be taking a few extra vacation days to experience all that the area has to offer during the spring.

But don't worry, for those that can't make it out to California to enjoy the beautiful weather and sip on a glass of Chardonnay, the symposium will be hosted as a hybrid event, allowing virtual participation from a city of your choice.

Share Your Ideas

Do you have an idea for a symposium topic that should be discussed? Let us know! Our Planning Committee is starting to develop the sessions and agenda and appreciate new ideas from you as our attendees. Send an email to Symposium Manager, [Sandra Hall](#), to share a topic or presentation idea by the end of the month to be considered.

Know someone who may enjoy hearing news about the Symposium? Have them sign up for our [mailing list here!](#)

Sincerely,

Sandra Hall
Symposium Manager
Air Quality Research Center
<https://anesymposium.agrc.ucdavis.edu/>

University of California, Davis <https://aqrc.ucdavis.edu>

