

Centennial Airport Community Noise Roundtable

December 2, 2020

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

Virtual Meeting via Zoom:

Topic: Centennial Airport Community Noise Roundtable
Time: December 2, 2020 06:30 PM Mountain Time (US and Canada)

Brad Pierce is inviting you to a scheduled Zoom meeting.

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Time: Dec 2, 2020 06:30 PM Mountain Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/83349914062?pwd=TFNROUg0VDc5Z3FFOERFQ0FkeWtNQOT09>

Meeting ID: 833 4991 4062

Passcode: 839341

One tap mobile

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AGENDA

1. CALL TO ORDER AND DETERMINATION OF QUORUM:

Arapahoe County: Kathleen Conti/Bill Skinner
Paul Krier/Vacant

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

ACPAA: Robert Olislagers/Michael Fronapfel

Aurora: Brad Pierce/Karen Hancock

Castle Pines: Melissa Coudeyras/Kevin Rants

Castle Rock: Jason Gray/James Townsend

Centennial: Candace Moon/Don Sheehan

Cherry Hills Village: Al Blum/Afshin Safavi

Foxfield:

Greenwood Village:

Lone Tree:

Parker:

AOPA:

CABA:

CDOT Aeronautics Div:

FAA APA Control Tower:

FAA District Office:

FAA TRACON:

Pam Thompson/Frank Lawrence

Tom Dougherty/Karen Blilie

Mike Anderson/Jennifer Drybread

Amy Holland/Vacant

Robert Doubek/John Hirshman

Don Kuskie/Mike Straka

Todd Green/Vacant

Melissa Booth/Ron Curry

John Bauer/John Sweeney

Steve Martin/Bill Dunn

2. APPROVAL OF AGENDA:

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

4. CONSENT AGENDA:

A. DRAFT MINUTES, November 4, 2020 – Alison Biggs, Secretary

B. TREASURER'S REPORT– Tom Dougherty, Treasurer

5. ITEMS REMOVED FROM CONSENT AGENDA

6. COMMITTEE REPORTS:

A. EXECUTIVE COMMITTEE – Brad Pierce, Chair

1. Virtual Meeting with Jason Schwartz

2. Proposal re 2021 Work Program Development

B. COMMUNITY OUTREACH – Melissa Coudeyras, Chair

1. Website update – Amy Holland

C. FLY QUIET – Don Kuskie, Chair

- D. NOISE MONITORS – Candace Moon, Chair
 - 1. Noise Report, October 2020 – Rachel Keller
- D. WORK PLAN – Alison Biggs, Chair

7. FAA REPORTS:

- A. DISTRICT OFFICE – John Bauer/John Sweeny
- B. CENTENNIAL AIRPORT AIR TRAFFIC CONTROL TOWER – Melissa Booth/Ron Curry
- C. TRACON – Steve Martin/Bill Dunn

8. OTHER REGULAR REPORTS:

- A. ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY, November 12, 2020 – Bob Doubek, Treasurer, Paul Krier, CACNR Rep.
- B. AIRPORT DIRECTOR'S REPORT – Robert Olislagers
 - 1. Airport Activity
 - New Facility Virtual Tour <https://www.centennialairport.com/index/php>
 - 2. Legislative
 - 3. Litigation/Metroplex
 - 4. Other
- C. CDOT AERONAUTICS DIVISION – Todd Green
- D. NEXTGEN ADVISORY COMMITTEE (NAC) – Brad Pierce
 - 1. November 17, 2020 Agenda
- E. N.O.I.S.E. – Brad Pierce
 - 1. Policy Summit and Community Involvement Workshop Agenda

9. OLD BUSINESS:

- A. UC DAVIS AVIATION NOISE AND EMISSIONS SYMPOSIUM
 - 1. Early Bird Registrations
- B. 2021 MEETING SCHEDULE FOR CACNR AND ACPAA with CACNR REPRESENTATIVES TO ACPAA
 - 1. Confirm CACNR Meeting Dates for 2021
- C. CONGRESSIONAL QUIET SKIES CAUCUS

10. NEW BUSINESS:

- A. INFORMATION SHARING

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

12. NEXT MEETINGS:

- A. CACNR – TBD for 2021 6:30 p.m.
- B. ACPAA – December 10, 2020 3:00 p.m.
 - TBD for 2021

13. ADJOURN

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE
MINUTES

November 4, 2020

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 6:36 p.m. by Chair Brad Pierce. The following were in attendance and a quorum was present:

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

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

Those absent were

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

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

3. **PUBLIC COMMENT:** None.

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

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

6. **COMMITTEE REPORTS:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

7. **FAA REPORTS:**

A. **DISTRICT OFFICE** – None.

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

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

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

C. **TRACON** – None

8. **OTHER REGULAR MONTHLY REPORTS:**

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

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

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

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

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

3. **Legislative** – no report

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

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

C. **CDOT AERONAUTICS DIVISION** – None

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

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

9. **OLD BUSINESS:**

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

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

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

10. **NEW BUSINESS:**

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

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

12. **NEXT MEETINGS:**

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

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

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

Alison Biggs, Secretary

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE TREASURER'S REPORT AS OF NOVEMBER 24, 2020					
			CACNR 2020 BUDGET	ACTUAL TO DATE	NOTES
INCOME:	CARRY OVER FROM 2019		\$ 14,000	\$ 16,539.09	
	ACPAA		\$ 10,000	\$ 10,000.00	
	CACNR REGULAR MEMBERS		\$ 12,250	\$ -	
TOTAL INCOME:			\$ 36,250	\$ 26,539.09	
EXPENDITURES:	WORK PROGRAM				
	COMMUNITY	Community meetings and materials	\$ 1,500		
	OUTREACH	Website updating/maintenance	\$ 3,000	\$ 36.34	3 year Go Daddy Domain Renewal
				\$ 1,250.00	CobWeb Website Updating
				\$1,000.00	CobWeb Website Updating Final Payment
	FLY QUIET	Various Projects	\$ 2,000		
	NOISE MONITOR	Data Development and Use	\$ 1,500		
	WORK PLAN	Work Plan	\$ 500		
	EDUCATION	2 Reps to UC Davis Symposium**	\$ 5,000	\$ 2,393.19	Melissa Coudeyras' and Alison Bigg's total expenses for March 1-3, 2020
		2 Reps to 2 N.O.I.S.E. Conferences***	\$ 4,000	\$ 535.00	Reimbursement to Mike Anderson for attending in Nov. 2019
	CONSULTATION/TASK SUPPORT	Pilot Project with Jason Schwartz	\$ 3,000		
				\$ 10,000.00	Transfer of 2020 ACPAA contribution back to ACPAA due to the COVID-19 pandemic economic impacts
	MEMBERSHIP DUES	N.O.I.S.E.	\$ 1,000	\$1,000.00	N.O.I.S.E. Membership dues sent
	ADMINISTRATIVE	Part-time secretarial assistance prn	\$ 1,000		
		Zoom Pro Account		\$ 48.54	Fees relating to virtual meeting platform in June, July, and August for remote monthly CACNR meetings
		Legal	\$ 1,000		
TOTAL EXPENDITURES:			\$ 23,500	\$ 16,263.07	
BALANCE AS OF 11 24 2020:				\$ 10,276.02	
CARRY OVER TO 2021					To be determined at end of year
** Includes registration, travel, ground transportation, lodging, meals. Symposium is in San Diego, March 1-3, 2020					
*** Includes registration, travel, ground transportation, lodging, meals. N.O.I.S.E. conferences are held annually in conjunction with the National League of Cities.					
The Spring meeting is always in the Washington, DC area, and the 2020 Fall meeting will be in Tampa, Florida.					
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 CACNR'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 aproposed budget indicating how the requested funds would be utilized, so that funds could be appropriated for the coming year."					

COMMUNITY OUTREACH:

Melissa Coudeyras, Chair
Mike Anderson
Jennifer Drybread
Amy Holland
Kevin Rants
Maureen Shul
Pam Thompson

----- Work Plan Committee Liaison

EXECUTIVE COMMITTEE:

Brad Pierce, Chair
Melissa Coudeyras, Vice Chair
Tom Dougherty, Treasurer
Alison Biggs, Secretary

FLY QUIET:

Don Kuskie, Chair
Karen Blilie
Kathleen Conti
Robert Doubek
Mike Straka
Bill Wasmund
Bill Skinner

Brad Pierce, Work Plan Committee Liaison

NOISE MONITORS:

Candace Moon, Chair
Mark Adams
Dan Avery
Tom Dougherty
John Hirshman
Frank Lawrence
Paul Krier
Andrea Suhaka

Alison Biggs, Work Plan Committee Liaison
Rachel Keller, ACPAA Staff

WORK PLAN:

Alison Biggs, Chair
Robert Olislagers
Brad Pierce

Committee Assignments Needed:

Al Blum (CHV)
Jason Gray (CR)
Karen Hancock (Aurora)
Abe Laydon (DC)
Afshin Safavi (CHV)
Don Sheehan (Centennial)
James Townsend (CR)

Others: Mike Fronapfel; Melissa Booth, Todd Green; Ron Curry; John Bauer; John Sweeney; Steve Martin; Bill Dunn

CACNR PHASE I

Overview

The Centennial Airport Community Noise Roundtable (CACNR) was established to work with the Airport to identify strategies to reduce and/or mitigate aircraft noise impacts on surrounding communities.

Conditions including the effects of COVID and completion of the Denver Metroplex Project have increased community concerns related to aircraft operations at both Centennial and Denver International Airport.

ABCx2 met (virtually) with the CACNR Executive Committee on November 13th to discuss existing conditions and growing concerns within the community. While the impacts of COVID include a reduction in aviation operations, it has also resulted in many people working from home and spending more leisure time at home due to travel and social restrictions. This is increasing awareness of and sensitivity to aircraft noise and the demand for more to be done to address these impacts.

A review of the existing CACNR Work Plan identified a number of prioritized tasks, expected to provide relief for these communities yet, due to a variety of challenges facing the CACNR, progress on these tasks has been stalled.

Having worked with airports, community groups, and airport roundtables (including the CACNR), ABCx2 offers the experience and expertise to help the CACNR progress in their efforts.

The proposed effort will be broken down into two phases. Phase 1 will include a thorough review of the CACNR 2019-2020 Work Plan in preparation for meetings with each of the four committees; Community Outreach Committee, Fly Quiet Committee, Noise Monitor Committee, and the Work Plan Committee. This phase will focus on working with each committee to review their existing prioritization, reprioritize if necessary, and select 2-3 tasks to pursue. This objective is similar to that of an Annual Planning Meeting but will be pursued with each committee.

If requested by the CACNR, Phase II will include development of work plans for each of the prioritized tasks, identifying roles, critical stakeholders, timeline, budget, etc.

ABCx2, LLC



Each meeting (hosted virtually due to COVID and travel restrictions) will include the committee chair. Other members of the committee are encouraged to participate. A member of the Executive Committee is also encouraged to attend.

The intent of each meeting will be to discuss the existing work plan and to determine the existing priorities from the list of task priorities in the work plan. Discussion will include overview of each prioritized task, expected benefits to community, cost versus benefit, implementation timeline, probability of completion/implementation, and timing/budget. 2-3 top priority and 2-3 secondary priority tasks will be identified for each committee.

If approved by the CACNR, Phase II of this effort will include development of specific work plans for accomplishing the top tier priorities identified by each committee.

ABCx2, LLC



Task Breakdown

Task #1 - Prep

- Review Work Plan
- Includes initial call with Work Plan Committee
- Review Work Plan for each of the four committees
- **Time: Not to exceed 3 Hours**

Task #2 - Calls with Each Committee – Up to 2 hours per committee

- Review work plan priorities
- Discuss background and importance of each
- Identify 2-3 top priority tasks
- Identify 2-3 secondary priority tasks
- **Time: Not to exceed 8 hours** (4 committees x 2 hours each)

Task #3 – Summary Report

- Development of summary report
- 2 rounds of edits included
- **Time: Not to exceed 4 hours**

PHASE I

- Deliverable: Summary report with top and secondary priority tasks for each committee.
- **Time: Not to exceed 15 hours**
- **Budget: Not to exceed \$2,250**

ABCx2, LLC



CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

DATE: November 4, 2020

TO: Arapahoe County Public Airport Authority

FROM: Centennial Airport Community Noise Roundtable

SUBJECT: Centennial Airport Community Noise Roundtable Update

Briefly:

- ✓ **Public Communications**—The committee continues to receive communications from the public regarding increased air traffic complaints in their area.
- ✓ **CACNCR Budget**—The Roundtable reviewed the 2021 proposed budget. The budget looks sustainable without having to invoice local jurisdictions from the MOU for the current year. The CACNR is sensitive to the budget constraints of local jurisdictions. The Roundtable will be invoicing these jurisdictions for the 2022 budget.
- ✓ **Community Outreach**—Monitoring new website launch. Still receiving positive reviews from the Roundtable.
- ✓ **Fly Quiet**—Committee had extensive discussion on stretching the training traffic pattern further south than Lincoln Avenue during south landing flow to further encourage base leg turns over Arapahoe Road. The potential issue may be increased traffic over the Surrey Ridge area.
- ✓ **Noise Monitors**—Committee continues to look for positive solutions to decrease noise in the traffic pattern. Discussed potential rewards or recognition programs utilized at other airports that may help further promote the Fly Quiet practices at Centennial Airport.

There has been an increase in requests for portable noise monitor placements in the area. There is currently a slight waiting list for the monitors. The mobile noise monitors are typically placed for a week for data collection.

September 2020 noise complaints increased by 420 compared to August 2020 even though the number of households decreased. The August noise complaints were 1,315 (118 households) and September complaints were 1,735 (89 households).

- ✓ **Control Tower**—The previously mentioned 3D aerial photography by helicopter was unable to complete its job due to smoke and will be postponed for completion in the spring.
- ✓ **Airport News**—Received information from Mike Fronapfel about the Centennial Airport Master Plan. He guided the Roundtable via the Master Plan virtual website and explained that the Committee would be able to explore the site over the next week.

New ACPAA Administration Building and Open House will be held on 11/12/2020 and limited to 8 members total.

- ✓ **The UC Davis Noise & Emissions Symposium** will be held virtually. February 23-26, 2021. A preliminary schedule of presentations is available.
- ✓ Rocky Mountain Metro Airport is forming a community roundtable similar to CACNR.
- ✓ CACNR's next virtual meeting will be held on December 2, 2020 at 6:30 pm.

Paul Krier, CACNR, Unincorporated Arapahoe County Representative

ACPAA BOARD MEETING NOTES – NOVEMBER 12, 2020

Robert Doubek, ACPAA Treasurer

Prior to the November Board Meeting, a Ribbon Cutting ceremony was held outside of the New Administration Building.

Following this ceremony, the first Board Meeting was called to order at 3:00 P.M. in the New Board Room in the New Administration Building. The room appears to be larger than the previous Wright Brothers room, is well appointed and equipped with a new improved sound system.

The Business Agenda included a Concept Plan on Lot 10 for Floors and Doors 2.0 LLC Office/Hangar. Floors and Doors LLC is proposing to construct a private 28,600 square foot aircraft storage hangar with 38,300 square feet of attached office. The facility will be located south of the cross wind runway on the FBO 10 lease parcel which is included in the SunBorne leasehold.

Non-objection to the concept Plan was approved and it is expected that construction will begin in the spring of 2021 and be completed by early 2022.

The Fuel and Operations for October 2020 included:

Monthly Operations up 16.1% from 2019 at 32,221

Monthly Avgas sales up 24.1% from 2019 at 63,286

Monthly Jet fuel sales up .1% from 2019 at 1,196,512

Rjd/11/23/2020



NextGen Advisory Committee (NAC) Meeting

AGENDA

DATE: November 17, 2020

TIME: 1:00 – 4:00 PM ET

LOCATION: Virtual Only

Item	Time	Topic	Facilitator
1	1:00 – 1:10 PM 10 Minutes	Opening of Meeting <ul style="list-style-type: none"> Establish Quorum Housekeeping Notes Public Statements 	NAC Chairman Chip Childs, SkyWest Airlines
2	1:10 – 1:20 10 Minutes	Chairman's Report <ul style="list-style-type: none"> Former Meeting Minutes Approval 	NAC Chairman
3	1:20 – 1:50 30 Minutes	FAA Report <ul style="list-style-type: none"> Dan Elwell will provide information on FAA important issues 	Dan Elwell, FAA, Deputy Administrator
4	1:50 – 2:20 30 Minutes	Chairman's Roundtable <ul style="list-style-type: none"> Industry Discussion NAC Task 19-2 / 20-3: Section 547 	NAC Chairman
5	2:20 – 3:45 85 Minutes	NAC Subcommittee (SC) Chairman's Report NAC Taskings Status <ul style="list-style-type: none"> NAC Tasks 18-4 & 18-5: Focus Area Risks / Mitigations <ul style="list-style-type: none"> Multiple Runway Operations (MRO), Surface & Data Sharing, Performance Based Navigation (PBN), Data Communications, and Northeast Corridor (NEC) NAC Task 19-1 / 20-4: Minimum Capabilities List (MCL) NAC Task 19-4 / 20-5: PBN Clarification NAC Task 20-1: ADS-B In NAC Task 20-2: Vertical Navigation (VNAV) 	NAC SC Chairman Craig Drew, Southwest Airlines
6	3:45 – 3:55 10 Minutes	Action Item Review / Other Business	FAA
7	3:55 – 4:00 5 Minutes	Closing Comments and Adjourn	NAC Chairman



COMMUNITY ENGAGEMENT WORKSHOP

4:30-5:30 PM EST-Virtual

➤ **WELCOME AND OPENING REMARKS**

Brad Pierce, N.O.I.S.E. President, CACNR
Emily Tranter, N.O.I.S.E. Executive Director

➤ **WHAT IS N.O.I.S.E.?**

Board and Staff will discuss how to join N.O.I.S.E., what policy bodies and stakeholder groups we interact with and 2021 agenda and planning.

➤ **NEXTGEN ADVISORY COMMITTEE (NAC) UPDATE**

President Brad Pierce will update the group on recent NAC meetings and N.O.I.S.E. engagement on policy recommendations with the FAA and NAC Leadership

➤ **ROUND ROBIN QUESTIONS/DISCUSSION**

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> (To rkeller@centennialairport.com)
January 06	January 14 if held		January 8 if needed
February 03	February 11		February 05
March 03	March 11		March 5
April 07	April 08		? time to write
May 05	May 13		May 07
June 02	June 17		June 10
July 07	July 08 if held		? time to write/needed
August 04	August 12		August 06
September 01	September 09		September 03
October 06	October 14		October 08
November 03	November 11		November 05
December 01	December 09		December 03