Centennial Airport Community Noise Roundtable

November 4, 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: November 4, 2020 06:30 PM Mountain Time (US and Canada)

Brad Pierce is inviting you to a scheduled Zoom meeting.

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Join Zoom Meeting https://us02web.zoom.us/j/82348533707?pwd=Zmp3Z2JwV20vZkxBMXdMSzg5U0tmZz09

Meeting ID: 823 4853 3707 Passcode: 767755 One tap mobile +13462487799,,82348533707#,,,,,0#,,767755# US (Houston) +16699009128,,82348533707#,,,,,0#,,767755# US (San Jose) Dial by your location

+1 346 248 7799 US (Houston) +1 669 900 9128 US (San Jose) +1 253 215 8782 US (Tacoma) +1 312 626 6799 US (Chicago) +1 646 558 8656 US (New York) +1 301 715 8592 US (Germantown) Meeting ID: 823 4853 3707 Passcode: 767755 Find your local number: <u>https://us02web.zoom.us/u/ktQJiCISy</u>

AGENDA

Foxfield:

Lone Tree: Parker:

AOPA:

CABA:

Greenwood Village:

CDOT Aeronautics Div:

FAA District Office:

FAA TRACON:

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

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, October 7, 2020 Alison Biggs, Secretary
- B. TREASURER'S REPORT- Tom Dougherty, Treasurer

5. ITEMS REMOVED FROM CONSENT AGENDA

6. <u>COMMITTEE REPORTS:</u>

- A. EXECUTIVE COMMITTEE Brad Pierce, Chair
 - 1. Draft 2021 Budget with 2020 Actual Comparison & Action on 2021 Proposed Budget, Tom Dougherty Treasurer
 - 2. Virtual Meeting re Proposed Noise Roundtable for Jefferson/Boulder Counties
 - 3. Virtual Meeting with Jason Schwartz

Pam Thompson/Frank Lawrence

Robert Doubek/John Hirshman

Tom Dougherty/Karen Blilie Mike Anderson/Jennifer Drybread

Amy Holland/Vacant

Todd Green/Vacant

FAA APA Control Tower: Joseph Wolters/Ron Curry

Don Kuskie/Mike Straka

John Bauer/John Sweeney

Steve Martin/Bill Dunn

- 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, September 2020 Rachel Keller
- D. WORK PLAN Alison Biggs, Chair
- E. STUDY GROUP Brad Pierce, Chair

7. FAA REPORTS:

- A. DISTRICT OFFICE John Bauer
- B. CENTENNIAL AIRPORT AIR TRAFFIC CONTROL TOWER Ron Curry
- C. TRACON Steve Martin

8. OTHER REGULAR REPORTS:

- A. ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY, October 8, 2020 Bob Doubek, Treasurer, Alison Biggs, CACNR Rep.
- B. AIRPORT DIRECTOR'S REPORT Mike Fronapfel
 - 1. ACPAA Master Plan
 - 2. Airport Activity
 - 3. Legislative
 - 4. Litigation/Metroplex
 - 5. Other
- C. CDOT AERONAUTICS DIVISION Todd Green
- D. NEXTGEN ADVISORY COMMITTEE (NAC) Brad Pierce
- E. N.O.I.S.E. Brad Pierce

9. OLD BUSINESS:

- A. UC DAVIS AVIATION NOISE AND EMISSIONS SYMPOSIUM, Early Bird Registrations
- B 2020 MEETING SCHEDULE FOR CACNR AND ACPAA with CACNR REPRESENTATIVES TO ACPAA
- B. CONGRESSIONAL QUIET SKIES CAUCUS (on hold until after the November election)

10. NEW BUSINESS:

A. INFORMATION SHARING

11. <u>PUBLIC COMMENT:</u> (3 minutes per person time limit):

12. NEXT MEETINGS:

- A. **CACNR** December 2, 2020 6:30 p.m.
- B. **ACPAA** November 12, 2020 3:00 p.m. December 10, 2020 3:00 p.m.
- 13. ADJOURN

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE MINUTES October 7, 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. <u>CALL TO ORDER, ROLL CALL, and QUORUM</u>: 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:Bill SkinnerArapahoe County:Paul KrierDouglas County:Dan AveryDouglas County:Alison BiggsAurora:Brad PierceCastle Pines:Melissa CoudeyrasCentennial:Candace Moon

Greenwood Village:Tom DoLone Tree:Mike AParker:Amy HACPAA:RobertCABA:Don KuFAA APA Control TowerRon Cu

Tom Dougherty Mike Anderson Amy Holland Robert Olislagers Don Kuskie Ron Curry

Others in attendance were Mike Fronapfel, Alternate ACPAA Representative; Karen Hancock, Alternate Aurora Representative; Fly Quiet Committee Member Bill Wasmund; Study Group and past Centennial Alternate Representative Andrea Suhaka; Janice Wright, member of the public from Castle Pines Village; Trisha Coberly, CobWeb Designs; and ACPAA staff Gina Conley, Deborah Grigsby, Rachel Keller, and Deb Smith.

Those absent were:

Castle Rock: Jason Gray/James Townsend AOPA: Bob Doubek/Jo	hn Hirshman	
Cherry Hills Village: Al Blum/Afshin Safavi CDOT Aeronautics Div: Todd Green/Vac	ant	
Foxfield: Pam Thompson/Frank Lawrence FAA District Office: John Bauer/John	Sweeney	

2. APPROVAL OF AGENDA: On the motion Amy Holland, duly seconded, the agenda was approved as presented.

3. **<u>PUBLIC COMMENT</u>**: Janice Wright from Castle Pines Village indicated her neighborhood was having increased concern about aircraft noise, primarily from large jets which were possibly from Denver International Airport. They are collecting letters which would be shared with the FAA and DIA.

Mike Fronapfel noted there were increasing complaints from the Lone Tree area as well, with complainers calling attention to noise earlier and later in the day, more traffic of an east/west nature, and noise which was different than during the summer when flights were curtailed drastically by the COVID outbreak. Staff had done some investigating, and a considerable amount of the traffic could be attributed to flight schools, but the E/W change might also be attributed to the FAA's Metroplex Project.

Question was asked if the public should still be encouraged to file noise complaints, and the staff response was yes.

Brad Pierce shared that one of the original members of CACNR, and one of its first Chairs, Paul Rosenberg, had succumbed to cancer. Further information was requested and would be sent out.

The CACNR email address had received two letters since the last meeting. One was from the Highlands Ranch area and the other was from the Orchard Hills area. The former correspondent was amazed there was no noise monitor in Highlands Ranch and wanted to know how to obtain one. Communication with airport staff had resulted in a portable monitor being placed at this residence. The frustration level indicated in the letter mirrored what CACNR has heard from residents since it was formed.

The second letter was from a resident who had moved to that home after doing due diligence about airport noise, and was now being bothered by aircraft noise characterized as being constant, loud, and grating. Request had been made to reduce the number of places in the sky at one time, have flights avoid flying over residential areas, and increasing the time between takeoffs and landings. The resident indicated "Surely there is some solution that will accommodate the residents of the community and the airport." The resident had been responded to and referred to the airport for more detailed information and involvement if desired.

4. <u>CONSENT AGENDA</u>: Alison Biggs moved to remove both items listed under the Consent Agenda to Agenda Item #5. Motion was duly seconded and carried.

5. ITEM(S) REMOVED FROM CONSENT AGENDA:

A. **DRAFT MINUTES**, September 2, 2020 – Alison Biggs indicated there was a typographical error on page two, in the fourth line of the paragraph beginning "Given that concern, however, the consequences…" The sentence should read "There are times where there is no other option." Alison Biggs moved the acceptance of the correction. Motion seconded and carried. Alison Biggs moved the acceptance of the seconded and carried.

B. **TREASURER'S REPORT** – Tom Dougherty indicated the Executive Committee would be developing the draft budget for 2021, and requested all Committee chairs to let it know by October 16th what their anticipated expenditures might be for next year. Things to be considered included the probable need to continue meeting virtually, and what might realistically be accomplished given the continuing impact of the COVID outbreak. On the motion of Tom Dougherty, duly seconded, the October 1, 2020 Treasurer's Report was approved.

6. COMMITTEE REPORTS:

A. <u>COMMUNITY OUTREACH</u> – In addition to Trisha Coberly, those able to add or change content on the updated website would include Brad Pierce, Melissa Coudeyras, and Amy Holland, with Holland serving as the 'clearing house' contact. A preview of the site was provided. It was requested the information regarding the Colorado Open Records Act (CORA) be placed at the bottom of the page instead of at the top. The site will be regularly backed-up, and it was noted there is ample storage space for items which CACNR would like to have added. Everyone involved with the 'new and improved' website was thanked for all the work!

Tom Dougherty provided a report on the research he had done regarding CORA. It appeared CACNR's advisory role to ACPAA would make CACNR also subject to CORA. Accordingly, the public now needs to know it can have no expectation of privacy when complaining about airport/aircraft noise. Language to be placed on the CACNR website as noted above would be "Please be advised that, under the Colorado Open Records Act, noise complaints concerning aircraft operations at Centennial Airport are deemed to be public records and may be subject to disclosure in response to a request under the Act."

To CACNR's knowledge, there have been few, if any, requests for information about those lodging noise complaints in recent years. The information about the possibility, will be provided, but it was hoped the public would not be dissuaded from entering complaints, so this useful information source would not be cut off. When emails come to CACNR's email address, the Secretary will reply with information appropriate/related to the work of CACNR, and may suggest other resources as suitable. Information about received emails will be summarized for sharing with the full CACNR; no specifics will be included.

Tom Dougherty was thanked by the group for doing the research and for his report.

B. **FLY QUIET** –Don Kuskie reported the committee had not been able to meet, but work on its various tasks was continuing. It is looking at WebTrack in relation to traffic patterns, to see if any relief might be made through the patterns themselves, the highest number of operations that can be safely handled, etc. On one sample day, operations varied from 127 to 275 at different times of the day, although information about military and medical flights is blocked, so actual numbers may vary. There was still a problem with flight paths being extended, with aircraft turning even as far north as Belleview Avenue, so perhaps a slight pattern shift might move traffic and help alleviate noise.

C. <u>NOISE MONITORS</u> – Candace Moon indicated the committee had met virtually before this meeting and looked at some information from Van Nuys airport. There, air traffic is monitored, and pilots are sent a note when they go over residential areas. The Committee is also exploring how to incentivize pilots into being good neighbors.

The August noise report was reviewed. It showed there had been **36,007 Total Operations** in August, up from 34,036 total operations in July, up from 25,242 in June, and up from 30,398 in May. There had been 36,258 operations in August 2019. In August, there had been **18,065 local flights**, up from 17,432 local flights in July, up from 9,227 local flights in June.

During August, there were **31,099 noise events** at the 12 noise monitors. Noise events at each monitor were:

9,848 events at the Golf Course monitor on airport property (6,186 in the 60-69 decibel range)

6,604 events at the **Meridian** monitor (4,921 in the 60-69 decibel range)

5,765 events at the Airport East monitor on airport property (3,656 in the 60-69 decibel range)

2,447 events at the State Park monitor (1,764 in the 60-69 decibel range)
2,251 events at the Parker monitor (1,739 in the 60-69 decibel range)
1,596 events at the Grandview Estates monitor (1,418 in the 60-69 decibel range)

944 events at the **Greenwood Village** monitor (870 in the 60-69 decibel range) 690 events at the **Lone Tree monitor** (644 in the 60-69 decibel range) 538 events at the **Hunter's Hill** monitor (528 in the 60 – 69 decibel range) 419 events at the **Castle Rock** monitor (685 in the 60-69 decibel range)

314 events at the **Castle Pines** monitor (304 in the 60-69 decibel range) 183 events at the **Sagebrush Park** monitor (166 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 –	3,036	Greenwood Village – 68
Meridian –	1,636	Hunter's Hill – 62
Airport East –	1,410	Lone Tree – 46
State Park –	677	Sagebrush Park – 15
Parker –	506	Castle Rock – 16
Grandview Estates –	175	Castle Pines – 10

Including the two monitors on airport property, locations with noise events in the 80-89 decibel range were:Airport East - 652Parker -Golf Course -118State Park -5

Meridian – 46	Grandview Estates -	- 3
Greenwood Village and Parker – 6 each	Hunter's Hill –	2

Including the two monitors on airport property, locations with noise events in the **90+ decibel** range were: Airport East – 47 Meridian & State Park – 1 each Golf Course – 8 In August there had been **1,315 complaints from 118 households**, a 68% increase in complaints from July (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 **1,315 complaints**, 677 originated from Unincorporated Arapahoe County (51.5%); 177 were from Greenwood Village (13.5%); 158 were from Unincorporated Douglas County (12%); 150 were from Centennial (11.4%); 42 were from Castle Rock (3.2%); 40 were from Aurora (3%); 30 from Parker (02.3%); 15 were from Other (01.1%); 12 were from Highlands Ranch (0.9%); 9 were from Lone Tree (0.7%); 4 were from Denver (0.3%); and 1 was from Castle Pines.

Of the **118 households**, 47 were from Unincorporated Arapahoe County (39.8%); 22 were located in Greenwood Village (18.6%); 9 had complained from Unincorporated Douglas County (7.6%); 7 each were from Centennial and Other (5.9%); 6 each were from Highlands Ranch and Lone Tree (5.1%); 4 each from Aurora and Parker (3.4%); 3 were from Denver (2.5%); and 1 from Castle Pines (0.8%).

Year to Date, the number of **complaining households (316)** came from: Unincorporated Arapahoe County – 104 (32.9%); Greenwood Village – 52 (16.5%); Unincorporated Douglas County – 36 (11.4%); Centennial and Other – 31 (9.8%) each; Lone Tree – 12 (3.8%); Castle Rock and Highlands Ranch – 9 each (2.8%); Castle Pines and Denver – 8 each (2.5%); Aurora and Parker – 7 each (2.2%); and 2 from Cherry Hills Village (0.6%).

Year to Date, the number of complaints (6,665) were from Centennial -1,785 (26.7%); Unincorporated Arapahoe County -1,721 (25.8%); Greenwood Village -1,260 (18.9%); Unincorporated Douglas County 1,081 (16.2%); Parker -263 (3.9%); Aurora -221 (3.3%); Other -115 (1.7%); Castle Rock -93 (1.4%); Lone Tree -70 (1.1%); Highlands Ranch -28 (0.4%); Castle Pines -14 (0.2%); Denver -12 (0.18%); and Cherry Hills Village -2.(0.07%).

125 complainers had **requested responses** from the airport, with 57 of those requests made by email, and 68 by telephone.

Of the 1,315 complaints, 1,178 (89.6%) were about daytime flights and 137 (10.4%) were about nighttime flights.

The Year to Date top 5 number of complaints came from households in Centennial – 1,689 (25%); Greenwood Village – 960 (14.4%); Unincorporated Douglas County – 892 (13.4%); Unincorporated Arapahoe County – 771 (11.6%); and Unincorporated Arapahoe County – 328 (4.9%).

With the top complaining household removed, props accounted for 68% of the complaints in August, while jets accounted for 31% of the complaints; 1% were unknown. Training caused 39% of the complaints; departures were responsible for 34% of the complaints; arrivals were 27%.

The August complaint map showed the household locations of the complaints, with 6 being outside the map boundaries. For the year to date, there had been 30 complaining households outside the map area.

In August, the **most prolific complainer** had been in Centennial, with 328, followed by Centennial with 137, followed by Unincorporated Douglas County, with 136 complaints, and Greenwood Village, with 113 complaints. The **largest cluster of complaints** was again located north and slightly west of the airport's north-south runway.

It was noted there would be a new radar track density map with the September noise report. Request was made to also have the September 2019 map provided for the November 24, 2020 meeting.

Comment was made that the map is perhaps not clear to the public, and where the data comes from that makes up the map. Response was the information is pulled from the Airport Noise & Operations Monitoring System (ANOMS), and it is rather labor intensive to do so, thus the map is only updated quarterly. Question was asked if different such maps showing different types of flight information might be useful, such as flights which are training only, etc. CACNR would have to look at what kind of information it might want in this regard. Robert Olislagers indicated he would look at the possibilities and get back to CACNR.

D. **WORK PLAN** – Representatives were reminded the Work Program is due to be updated, with the final 2021/2222 version to be adopted in March 2021. However, Committees had already been asked to consider what their financial needs might be in 2021, so the Executive Committee could use that information when it crafts the draft 2021 budget.

E. STUDY GROUP - The final signature pages had been provided to all signatories.

7. FAA REPORTS:

A. **DISTRICT OFFICE** – None.

B. <u>APA AIR TRAFFIC CONTROL TOWER</u> – Ron Curry informed CACNR that a helicopter company had been contracted to do photography for 3-D modeling in four local areas around Centennial Airport. The flights would be low, going both back and forth and in a series of circles, for perhaps three – five hours at a time, probably between the hours of 10:00 a.m. and 3:00 p.m. The date of the actual start of the project would be determined by the weather, smoke from the wildfires in the state, cloud cover, etc. The areas were generally identified as 1.) between I-25 & Yosemite and Arapahoe Road and County Line Road; 2.) near University and Arapahoe Road & County Line Road; 3.) Smoky Hill Road, Chambers and E470; and 4.) east of the airport's runway and west of Jordan Road.

Question was asked what the helicopter would look like, with response that it would be yellow and blue, with a tail #N143AP; the tail number could be 'googled' to see what it actually looked like. Question was asked why the contracting company did not just use Google Maps. Response was perhaps it was because of the 3-D aspect. It was noted that this type of thing is not uncommon, even though the public may not know it is happening. Curry was again thanked for attending the meeting and bringing useful information.

C. TRACON - None

8. OTHER REGULAR MONTHLY REPORTS:

A. <u>ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY</u> – Reports from the September 10, 2020 ACPAA meeting had been provided by Robert Doubek and Paul Krier. Krier noted his surprised at how flights have restarted, particularly training flights. The new administration building was progressing, with occupancy reportedly scheduled for October 22nd. Progress was being made by Boom Supersonic, based at Centennial Airport, on a 55-passenger aircraft. A roll-out of a 1/3 scale demonstrator had been held the day of this meeting. Flight testing, at another location, will begin in 2021.

B. <u>AIRPORT DIRECTOR'S REPORT</u> – Robert Olislagers reported he had been to Greenwood Village about the rise in noise complaints from there. Things discussed were the increase in training activity all over the country; more individuals being home all day; increased stress levels/anger/frustration due to the restriction caused by the virus pandemic; etc. A possible increase in E/W traffic due to the Denver Metroplex Project was also considered.

1. Noise Portal – Rachel Keller reported on this FAA response to noise concerns from the various areas of the country. Centennial Airport has agreed to partner with the FAA, and both the airport and CACNR are now listed in the FAA materials. There will be some type of two-way street for information about noise complaints.

2. Master Plan – When asked, CACNR was informed there would be a virtual hearing about the Master Plan on October 20 at 1:00 p.m. Staff was to provide CACNR with the link to the information about the hearing.

Airport Activity – The grand opening of the airport's new administrative building had been scheduled for November 12th.
 Legislative – no report

5. Litigation/Metroplex – It now appeared briefs on this matter would be due in November 2020, with oral arguments occurring in February 2021.

C. CDOT AERONAUTICS DIVISION - None

D. NEXTGEN ADVISORY COMMITTEE (NAC) - Brad Pierce indicated the November meeting would be done via Zoom.

E. <u>N.O.I.S.E.</u> – Brad Pierce again reported the November N.O.I.S.E. meeting, originally scheduled for Tampa, Florida in conjunction with the National League of Cities, would be virtual. CACNR has a policy to send two representatives to N.O.I.S.E. meetings. No registration information was available yet, though there would not be a registration fee.

F. <u>**3**</u>rd **QUARTER LAND USE REVIEW** – Twenty referrals had been reviewed between July 1, 2020 and September 30, 2020. Eleven had been approved; eight were subject to comments; and one had not been recommended. Rachel Keller noted the one not recommended was the Jones District Final Plat in the City of Centennial, as the entire development was located within the Buffer Zone of the Airport Influence Area.

9. OLD BUSINESS:

A. <u>UC DAVIS AVIATION AND EMISSIONS SYMPOSIUM</u> – Preliminary program information for the February 23-26, 2021 symposium was provided. Presentations will be virtual. Early Bird registration will begin in October. The information will be put on the CACNR website.

B. 2020 MEETING SCHEDULE FOR CACNR & ACPAA, INCLUDING CACNR REPRESENTATIVES TO ACPAA - The

2020 meeting schedule was again provided. Alison Biggs would attend the October 8 meeting; Paul Krier would handle the November 12 meeting, and Melissa Coudeyras would attend for CACNR at the December 10 meeting.

C. **<u>CONGRESSIONAL QUIET SKIES CAUCUS</u>** – On hold until after the November election.

10. NEW BUSINESS:

A. **INFORMATION SHARING** – There was some further discussion of the 3-D mapping helicopter flights, with note that Centennial Airport would likely bear the brunt of complaints, even though it had nothing to do with the contract. Representatives for the areas involved would try to let their residents know what was going on.

11. **PUBLIC COMMENT**:

12. NEXT MEETINGS:

- A. CACNR November 4, 2020 6:30 p.m. virtual meeting December 2, 2020 6:30 p.m. virtual meeting
- B. ACPAA October 8, 2020 3:00 p.m. November 12, 2020 3:00 p.m. December 10, 2020 3:00 p.m.
- 13. **ADJOURNMENT**: The meeting was adjourned at 8:43 p.m.

Alison Biggs, Secretary

	CENTENNIAL AIRPO	ORT COMMUNITY NOISE ROUNDTABLE 1	REA	SURER'S R	EP	ORT AS OF	OCTOBER 30TH, 2020
			CAC	CNR 2020		ACTUAL	NOTES
				UDGET		TO DATE	NOTES
INCOME:	CARRY OVER FROM 20)19	\$	14,000		16,539.09	
			\$	10,000		10,000.00	
	CACNR REGULAR MEN	IBERS	\$	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
		Marine Basis A	^	0.000	-		
	FLY QUIET	Various Projects	\$	2,000			
	NOISE MONITOR	Data Development and Use	\$	1,500			
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	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
							¥
		Pilot Project with Jason Schwartz	\$	3,000			
	SUPPORT				¢	10,000.00	Transfer of 2020 ACPAA contribution back to ACPAA due
					¢	10,000.00	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
		Legal	\$	1,000			August for remote monthly CACNR meetings
		Legal	φ	1,000			
TOTAL EXPENDITURES:			\$	23,500	\$	15,263.07	
BALANCE AS OF 10 30 20	20:				\$	11,276.02	
CARRY OVER TO 2021					-		To be determined at end of year
** Includes registration, trave	el, ground transportation, I	odging, meals. Symposium is in San Diego	, Mar	ch 1-3, 2020)		
*** Includes registration tra	vel around transportation	, lodging, meals. N.O.I.S.E. conferences ar	e hel	d annually ir		niunction with	the National League of Cities
		area, and the 2020 Fall meeting will be in Ta					
	-						
		dopted 12/13/2018 calls for initial funding to					
		in place for the next two years, subject to an					
Regular Member with a repo utilized, so that funds could		expenditures, and an annual invoice accomp	ainie	a by apropo	sed	budget indic	ating now the requested funds would be
	be appropriated for the CO	ming year.			1		

						PARISON TO 2020 BUDGET AND				
		CA	CNR 2020		ACTUAL	2019 NOTES	2021 PROPOSED BUDGET (considered a placeholder year until the pandemic circumstances have evolved)		NOTES	
		I	BUDGET		TO DATE					
INCOME:										
CARRY OVER FROM 2019		\$	14,000	\$	16,539.09		\$	10,000	carry over from 2020 - exact amount	
ACPAA		\$	10,000	¢	10,000.00				TBD at end of 2020	
CACNR REGULAR MEMBERS	3	φ \$	12,250		-					
TOTAL INCOME:		\$			26,539.09		\$	10,000		
			,		-,					
EXPENDITURES:										
WORK PROGRAM:										
COMMUNITY OUTREACH	Community meetings and materials	\$	1,500	\$	-		-			
	Website updating/maintenance	\$	3,000	¢	36.34	3yr Go Daddy Domain Renewal CobWeb Website Update	\$	700	Website maintenance	
				\$	1,250.00	Cobveb website Opdate	\$	500	Place holder for projects tbd	
FLY QUIET	Various Projects	\$	2,000	\$	_		\$	500	Place holder for projects tod	
		÷	2,000	Ť			•			
NOISE MONITOR	Data Development and Use	\$	1,500	\$	-		\$	500	Place holder for projects tbd	
WORK PLAN	Work Plan	\$	500	\$	-		\$	500	Place holder for projects tbd	
EDUCATION	2 Pana to UC Davia Symposium	¢	5 000	¢	0.000.40	2	¢	500	**early bird registrations for 2022	
EDUCATION	2 Reps to UC Davis Symposium 2 Reps to 2 N.O.I.S.E. Conferences	\$ \$	5,000 4,000		2,393.19 535.00	2 reps expenses for 2020 1 rep in late 2019	\$ \$	500 -	**2021 will be virtual; no registration?	
		Ψ	4,000	Ψ	555.00		Ψ			
CONSULTATION/TASK	Pilot project with Jason Schwartz	\$	3,000	\$	-		\$	3,000		
SUPPORT										
		<u>^</u>								
MEMBERSHIP DUES	N.O.I.S.E.	\$	1,000	\$	1,000.00		\$	1,000		
ADMINISTRATIVE	Part-time secretarial assistaince prn	\$	1,000	\$	_					
	Return of ACPAA 2020 contribution	\$	-	\$	10,000					
	due to pandemic economic impact	Ŧ		-						
	Zoom Pro Account	\$	-	\$	48.54	Virtual meetings	\$	200	assume need to continue virtually	
	Legal	\$	1,000	\$	-					
		¢	22 500	¢	15 062 07		¢	7 400		
TOTAL EXPENDITURES:		\$	23,500	\$	15,263.07		\$	7,400		
BALANCE AS OF 10 01 20:				\$	11,276.02					
				Ť	,_/0.02					
CARRY OVER TO 2022							\$	2,600	Actual to be determined at end of year	
** Llava II. Saalaala		0001			ما ما ما ما		_			
Usually includes registration, tra	avel, ground transportation, lodging, meals	s. 2021	meetings will	be h	ieid virtually		_			
FRAME OF REFERENCE: MOU	Funding Structure adopted 12/13/2018 ca	alls for ir	itial funding to	ger	nerate \$22.25	0, with \$10,000 from ACPAA and \$1	2,250 to	come from	CACNR's Regular Members.	
	or the next two years, subject to annual ap									
and an annual invoice accompain	ied by a proposed budget indicating how	the requ	iested funds w	oulo	d be utilized, s	o that funds could be appropriated for	or the co	ming year."		
PLEASE NOTE FUNDING FROM	ACPAA AND REGULAR MEMBERS W		REQUESTE	JFC		2021 DUE TO THE ECONOMIC IMF JMED FOR 2022.	ACTS (JF THE CO	KUNAVIRUS PANDEMIC.	

	CACNR 202	21 BUDGET	ACTUAL TO DATE	NOTES
NCOME:				
CARRY OVER FROM 2019	\$	10,000		carry over from 2020 - exact amount to be determined at the end of 2020
ACPAA	\$	-		
CACNR REGULAR MEMBERS	\$	-		
TOTAL INCOME:	\$	-		
EXPENDITURES:				
WORK PROGRAM:				
COMMUNITY OUTREACH				
Website	\$	700		Website updating and maintenance
	\$	500		Place holder for projects tbd
FLY QUIET	\$	500		Place holder for projects tbd
NOISE MONITOR	\$	500		Place holder for projects tbd
WORK PLAN	\$	500		Place holder for projects tbd
EDUCATION				
2 Reps to UC Davis Symposium	\$	500		**estimated early bird registrations for 2022 (2021 registrations paid in 2020)
2 Reps to 2 N.O.I.S.E. Conferences	\$	-		**2021 conferences will be virtual; no registration fee
CONSULTATION/	\$	3,000		Pilot project with Jason Schwartz
TASK SUPPORT				
MEMBERSHIP DUES	\$	1,000		N.O.I.S.E.
ADMINISTRATIVE	\$	200		Zoom Pro Account - assumes need to continue virtually
TOTAL EXPENDITURES:	\$	7,400		
CARRY OVER TO 2022	\$	2,600		Actual to be determined at the end of 2021
* Usually includes registration, travel, ground trans	sportation, lodgin	g, meals. 2021 m	leetings will be held virtually	/
This funding would be in place for the next two yea	ars, subject to ar	nual appropriation	ns. Thereafter, CACNR will	250, with \$10,000 from ACPAA and \$12,250 to come from CANR's Regular Members. provide ACPAA and each Regular Member with a report on the previous year's uld be utilized, so that funds could be appropriated for the coming year."
		aaget malcating h		

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

DATE:	October 7, 2020
TO:	Arapahoe County Public Airport Authority
FROM:	Centennial Airport Community Noise Roundtable

SUBJECT: Centennial Airport Community Noise Roundtable Update

Briefly:

- Public Communications We continue to receive communications from members of the public, noting the increased noise over their locations and asking what can be done. As you well know, there are no quick or easy answers for their concerns.
- Community Outreach The updated CACNR website is now operational, and we invite you to take a look, at <u>www.centennialairportnoise.com</u> The site will be much more flexible than its predecessor, and we look forward to having it become an information and resource tool for the public.
- ✓ Reviewed how CACNR fits with the Colorado Open Records Act by virtue of its advisory relationship to ACPAA. A notation has been placed on the CACNR website accordingly.
- ✓ Fly Quiet This committee is taking an expanded look at traffic patterns, to try to identify new or unique approaches to getting some noise relief for our communities. Efforts are also being made to further build relationships with those pilots who may be amendable to being or continue being good neighbors.
- Noise Monitors This committee continues to look at like airports in other areas of the county, to determine if any of their practices might be of use here. Some ideas seem to have promise, and are being explored further.
- ✓ It was noted noise complaints had gone from 895 in July to 1,315 in August; complaining households increased from 102 in July to 118 in August. Additional information which might be gleaned from the Radar Track Density Map will be explored.
- ✓ Work Program Study will begin for the update of the CACNR Work Program, to take effect in 2021. Work continues on the preparation of annual reports and orientation materials.
- ✓ Control Tower Learned of a company doing community 3D photographic mapping by helicopter, over four areas in the vicinity. The helicopter will be flying low in a series of circles and back and forth patterns, for possibly hours at a time. The areas were provided, and efforts will be made to alert citizens about the project. Centennial Airport will undoubtedly get numerous complaints and expressions of concern from this activity, which could start as early as October 8, 2020. Ron Curry from the FAA control tower was again thanked for coming, and for providing this advance information.
- ✓ The UC Davis Noise & Emissions Symposium will be held virtually, February 23 226, 2021. A preliminary schedule of presentations is available.
- Airport News Received the timetable related to the legal action taken by ACPAA in relation to the Denver Metroplex Project.
- ✓ Received the revised dates for the move into the new ACPAA Administration building and the open house.
- ✓ Also learned about the FAA Noise Portal and Centennial Airport's partnership role with that project.
- ✓ Reviewed the 3rd Quarter land use review.
- ✓ CACNR's next virtual meeting will be on November 4, 2020.

Alison Biggs, CACNR Secretary

ACPAA BOARD MEETING NOTES OCTOBER 8, 2020

Robert Doubek, ACPAA Treasurer

The Consent Agenda was approved and included Recommendations presented by the Personnel Committee pertaining to 2021 Group Insurance and Personnel Budget.

Group insurance covering Medical, Dental, Vision and Life was approved for a premium cost of \$280,000 which is a decrease of 1.23%.

The 2021 proposed Personnel Budget, staffed by 26 employees, is \$2,763,132 for a 7% decrease from 2020.

The Business Agenda included renewal quotes for the ACPAA Insurance Program for 2020. The total Premium of \$154,423, including the new Administration Building, is a 7.9% increase and was approved .

The 2021 proposed Budget was presented in the Business Agenda. As proposed, the operating revenue exceeds the operating revenue resulting in a carry forward \$5,854,136 at year end.

Also approved was Resolution 2020-05 Setting a Public Hearing of the Budget on December 10, 2020 at 3:00 p.m.in the Board Room of the new Aviation Community & Administration Facility.

Robert Olislagers presented a Report on the "State of the industry/ Airport Update "with data and graphs based on one analyst, Swelbar & Zhong. They report that the majority of airlines <u>may reach 40% of normal by the end of 2021</u> <u>and full recovery will not occur until 2071</u>!

General Aviation activity has seen an uptick from the Charter market and flight training. DEN is currently the 5th busiest airport in the U.S. and Centennial Airport is in 6th place up from its normal 25th position.

The Meeting was adjourned and should be noted that it was the last Meeting to be held in the Wright Brothers Room. The next Regular Board Meeting will be November 12, 2020 in the New Administration Building.

rjd 10/29/2020

Report of ACPAA Meeting, October 8, 2020 Alison Biggs, CACNR Representative

This meeting was held virtually. A majority of the meeting was spent considering personnel committee recommendations and the proposed 2021 budget. There will be a public hearing on the budget, with adoption to follow, on December 10, 2020 at 3:00 p.m. The proposed budget is available on-line with the meeting materials for this meeting.

The address of the new administration building is 7565 S Peoria Street, Englewood, CO 80112. Moving dates are October 30 – November 2; a ribbon cutting will be November 2; and tours of the building will be conducted starting November 13. It was anticipated the November 12 ACPAA meeting would be held at the new building unless there will be a continuation of the virtual meetings.

** Robert Olislagers presented information on the state of the industry as noted in Robert Doubek's report from this meeting. Would CACNR have any interest in asking him to provide the same information at its December meeting?

There was some discussion of the Boom Supersonic aircraft being developed here. Question was asked if there was concern about sonic booms in relation to such flights. This is a topic which is a part of the development, with the goal of the smallest boom possible. There is apparently also legislation in the pipeline in Washington, D.C. to approve supersonic flights over land – they are not currently allowed.

CACNR/ACPAA 2020 MEETING SCHEDULES

With

CACNR REPRESENTATIVES TO 2020 MEETINGS OF THE ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY

3:00 p.m., Wright Brothers Room, Centennial Airport, 7800 S. Peoria Street, Englewood, CO Or virtual, depending on circumstances prior to each meeting

CACNR MEETING	ACPAA MEETING	CACNR REPRESENTATIVE	REPORT DUE DATE (to Dylan)
None	None	None	None
February 05	February 13	Brad Pierce	February 07
March 04	March 12	Amy Holland	March 06
	April 09 sequent CACNR meeting	Paul Krier s cancelled due to coronavirus	-April 03
May 06-	May 14	no CACNR meeting	May 08 -
June 03-	June 18	no CACNR meeting	June 11
July 01	None	no need, due to no ACPAA July meeting	July 03
August 05	August 13	Alison Biggs	August 07
September 02	September 10	Paul Krier	September 04
October 07	October 08	Alison Biggs	No time to write
November 04	November 12	Paul Krier	November 06
December 02	December 10	Melissa Coudeyras	December 04

ROSTER – CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

			MUNITY NOISE ROUNDTABLE	
The officers serve as the Exe			s: L Pulver to Community Outreach; A Biggs to Noi	
	PREFERRED TELEPHONE	<u>OTHER (cell, home, etc.)</u>	COMMITTEE(S)**	EMAIL ADDRESS
ARAPAHOE COUNTY:				
Kathleen Conti	303-795-4285	303-795-4630;303-507-5170		<u>kconti@arapahoegov.com</u>
Bill Skinner	720-874-6651	720-271-0375	Fly Quiet	wskinner@arapahoegov.com
Paul Krier	719-338-9525 (c)	720-350-4740	Noise Monitors	paulkrier@comcast.net
Vacant				
DOUGLAS COUNTY:				
Abe Laydon	303-660-7401			<u>alaydon@douglas.co.us</u>
Dan Avery	303-841-4332	720-413-8289 (c)	Noise Monitors	<u>davery@douglas.co.us</u>
Alison Biggs	303-790-4767	303-859-0231 (c)	CACNR Secretary; Study Group; Work Plan (cha	
Mark Adams	303-907-5487		Noise Monitors	a2const@hotmail.com
AURORA, City of:				
Brad Pierce	303-739-7514	303-241-5559 (c)	CACNR Chair; Study Group (chair); Work Plan	bmpierce2@comcast.net
Karen Hancock	303-739-7107			khancock@auroragov.org
CASTLE PINES, City of;				
Melissa Coudeyras	831-224-9573		CACNR V Chair; Community Outreach (chair)	melissa.coudeyras@castlepinesco.gov
Kevin Rants	786-566-1814		Community Outreach	kevin.rants@castlepinesco.gov
CASTLE ROCK, Town of:				
Jason Gray	303-663-4401			jgray@crgov.com
James Townsend	303-660-1396			jtownsend@crgov.com
CENTENNIAL, City of:				
Candace Moon	303-754-3354		Noise Monitors (chair)	<u>cmoon@centennialco.gov</u>
Don Sheehan	303-396-9247			dsheehan@centennialco.gov
CHERRY HILLS VILLAGE, City of:				
Al Blum	303-901-7441			ablum@cherryhillsvillage.com
Afshin Safavi	919-428-5094			asafavi@cherryhillsvillage.com
FOXFIELD, Town of:				
Pam Thompson	303-680-7404	720-394-6447 (c)	Community Outreach	pthompson@townoffoxfield.com
Frank Lawrence	303-859-7040		Noise Monitors	lawrencefd@msn.com
GREENWOOD VILLAGE, City of:				
Tom Dougherty	303-804-4132		CACNR Treas; Noise Monitors	tdougherty@greenwoodvillage.com
Karen Blilie	303-220-1257		Fly Quiet	kblilie@comcast.net
LONE TREE, City of:				
Mike Anderson	303-708-1818	303-495-8231	Community Outreach	mike.anderson@cityoflonetree.com
Jennifer Drybread	303-708-1818		Community Outreach	jennifer.drybread@cityoflonetree.com
PARKER, Town of:				
Amy Holland	303-419-5107 (c)		Community Outreach	hollandamy14@gmail.com
Vacant				
ARAPAHOE COUNTY PUBLIC AIRPOR	<u>T AUTHORITY (ACPAA):</u>			
Robert Olislagers	303-790-0598 (APA main		Work Plan	rolislagers@centennialairport.com
Mike Fronapfel	303-218-2903	303-522-4650 (c)		mfronapfel@centennialairport.com
AIRCRAFT OWNERS AND PILOTS ASS	OCIATION (AOPA):			
Robert Doubek	303-771-8148		Fly Quiet	idacrase@centurylink.net
John Hirshman	720-232-6820		Noise Monitors	jahirshman@gmail.com
COLORADO AVIATION BUSINESS ASS	OCIATION (CABA):			
Don Kuskie	303-304-9476	303-618-1846	Fly Quiet (chair)	dkuskie@modern-aviation.com
Mike Straka	303-881-3315 (c)		Fly Quiet	mstraka@mycaba.org
COLORADO DEPARTMENT OF TRANS		VISION (C-DOT):	-	
Todd Green	303-512-5256	308-293-6067		todd.green@state.co.us
Vecent				

EMAIL ADDRESS

Joseph Wolters				joseph.wolters@faa.gov
Ron Curry	720-873-2774			ronald.l.curry@faa.gov
EDERAL AVIATION ADMINISTRATION DIST	RICT OFFICE:			
John Bauer	303-342-1259			john.bauer@faa.gov
John Sweeney	303-342-1263			john.sweeney@faa.gov
EDERAL AVIATION ADMINISTRATION TERM	IINAL RADAR APPROACH	CONTROL (TRACON):		
Steve Martin (Support Manager)				steve.martin@faa.gov
Bill Dunn (Support Specialist)				<u>bill.dunn@faa.gov</u>
OTHERS:				
Harold Anderson	303-799-3996	303-898-8032 (c)		handerson30@hotmail.com
Aurora City Council				citycouncil@auroragov.org
John Baldyga NATCA - (tower union rep)				john.s.baldyga@faa.gov
Katy Brown	303-860-0262		Study Group	kbrown@cherryhillsvillage.com
Jim Dawkins	303-906-0041			jimdawkins@comcast.net
Dennis Fria (APA Tower Mgmt. Program Analyst				<u>dennis.fria@faa.gov</u>
Randi Gallivan (Foxfield town clerk)	303-680-1544			clerk@townoffoxfield.com
Keith Gardner		303-885-5976		<u>gardner_k@netzero.com</u>
Dave Goddard	720-202-1011			dgoddard@townoffoxfield.com
M Halstead (Arapahoe County communications/b	oocc administrative director)			mhalstead@arapahoegov.com
Diana Hanley	720-873-2771			<u>diana.hanley@faa.gov</u>
Nathaniel Harry (chief pilot, ATP Flight School)	303-718-3780			nate.harry@allatps.com
Jamie Hartig	303-814-4361 (direct)			jhartig@douglas.co.us
Dylan Heberlein	303-218-2921			dheberlein@gjairport.com
Gerald Huthoefer	303-342-1525			gerald.huthoefer@faa.gov
Jennifer Houlne (Centennial Planner II)	303-754-3357			jhoulne@centennialco.gov
Porter Ingrum (Aurora Planner II)	303-739-7227			pingrum@auroragov.org
Rachel Keller	303-218-2923		Noise Monitor/Reports	rkeller@cntennialairport.com
Kandice Krull (FAA Denver ADO)	303-342-1261			kandice.krull@faa.gov
Chuck Lawson (Huntington Acres HOA)				<u>teshnaha@gmail.com</u>
Rex Lucas				rexlucas303@gmail.com
Bryce Matthews (possible Parker alternate)	303-805-3174			bmatthews@parkeronline.org
_auren Pulver	303-814-4357	303-660-7460	Work Plan	lpulver@douglas.co.us
Aaron Repp	303-218-2922			aaron.repp@gmail.com
Kati Rider (Douglas County)	303-814-4354			krider@douglas.co.us
Ryan Sarni (Cherry Creek Vista South)	720-369-3112			ryansarni@yahoo.com
in Singer (Arapahoe County Admin Coord)	303-795-4682			lsinger@arapahoegov.com
Maureen Shul	720-733-0491	303-378-8868 (c)	Community Outreach	mashul1010@aol.com
Susan Squyer	303-906-9890	· · /	-	ssquyer@comcast.net
Andrea Suhaka	303-770-0058		Noise Monitors, Study Group	standy@ecentral.com
Vike Sutherland	303-908-6545 (c)			sutherlandmichael@comcast.ne
Bette Todd	303-916-4540		Noise Monitors	bet430@aol.com
Heather Vidlock	303-486-5774			hvidlock@greenwoodvillage.cor
Bill Wasmund	720-560-9419 (c)		Fly Quiet	bill.wasmund@gmail.com
				on.waomana(@gmail.com