

Centennial Airport Community Noise Roundtable
July 1, 2020

Virtual Meeting via Zoom:
Topic: Centennial Airport Community Noise Roundtable
Time: Jul 1, 2020 06:30 PM Mountain Time (US and Canada)

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Meeting ID: 816 8229 3931
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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

AGENDA

1. CALL TO ORDER AND DETERMINATION OF QUORUM:

<i>Arapahoe County:</i>	Kathleen Conti/Bill Skinner	<i>Foxfield:</i>	Pam Thompson/Dave Goddard
	Paul Krier/Joseph Berger	<i>Greenwood Village:</i>	Tom Dougherty/Karen Blilie
<i>Douglas County:</i>	Abe Laydon/Lauren Pulver	<i>Lone Tree:</i>	Mike Anderson/Jennifer Drybread
	Alison Biggs/Mark Adams	<i>Parker:</i>	Amy Holland/Vacant
<i>ACPAA:</i>	Robert Olislagers/Michael Fronapfel	<i>AOPA:</i>	Robert Doubek/John Hirshman
<i>Aurora:</i>	Brad Pierce/Liia Koiv-Haus	<i>CABA:</i>	Don Kuskie/Mike Straka
<i>Castle Pines:</i>	Melissa Coudeyras/Kevin Rants	<i>CDOT Aeronautics Div:</i>	Todd Green/Vacant
<i>Castle Rock:</i>	Jason Gray/James Townsend	<i>FAA APA Control Tower:</i>	Joseph Wolters/Ron Curry
<i>Centennial:</i>	Candace Moon/Don Sheehan	<i>FAA District Office:</i>	John Bauer/John Sweeney
<i>Cherry Hills Village:</i>	Al Blum/Afshin Safavi	<i>FAA TRACON:</i>	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, March 4, 2020 – Alison Biggs, Secretary
- B. TREASURER'S REPORT– Tom Dougherty, Treasurer

5. ITEMS REMOVED FROM CONSENT AGENDA

6. COMMITTEE REPORTS:

- A. COMMUNITY OUTREACH – Melissa Coudeyras, Chair
 - 1. Website Update – Amy Holland
- B. FLY QUIET – Don Kuskie, Chair
- C. NOISE MONITORS – Bette Todd, Chair
 - 1. Noise Report, May 2020
- D. WORK PLAN – Alison Biggs, Chair
 - 1. Task Order Forms (2)
- E. STUDY GROUP – Brad Pierce, Chair

7. FAA REPORTS:

- A. DISTRICT OFFICE – John Bauer
- B. CENTENNIAL AIRPORT AIR TRAFFIC CONTROL TOWER – Joseph Wolters
- C. TRACON – Steve Martin

8. OTHER REGULAR REPORTS:

- A. ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY, June 18, 2020 – Bob Doubek, Treasurer
- B. AIRPORT DIRECTOR'S REPORT – Robert Olislagers
 - 1. Master Plan – <http://www.centennialairport.com/index.php/plan-develop/airport-master-plan>
 - 2. Airport Activity
 - 3. Legislative
 - 4. Litigation
 - 5. Other
- C. METROPLEX – Robert Olislagers
- D. NEXTGEN ADVISORY COMMITTEE (NAC) – Brad Pierce
 - 1. Virtual Meeting August 6, 2020
- E. N.O.I.S.E. – Brad Pierce
 - 1. November, 2020, Tampa, Florida or as determined
- F. 2020 1st QUARTER LAND USE REVIEW – Rachel Keller

9. OLD BUSINESS:

- A. UC DAVIS AVIATION NOISE AND EMISSIONS SYMPOSIUM
- B. 2020 MEETING SCHEDULE FOR CACNR AND ACPAA, with CACNR REPRESENTATIVE TO ACPAA
- C. CONGRESSIONAL QUIET SKIES CAUCUS

10. NEW BUSINESS:

- A. INFORMATION SHARING
Denver Post – “DIA ordered to pay \$33.5M” – June 23, 2020

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

12. NEXT MEETINGS:

- A. **CACNR** – August 5, 2020 to be determined
September 2, 2020 to be determined
October 7, 2020 to be determined
November 4, 2020 to be determined
December 2, 2020 to be determined
- B. **ACPAA** – July 2020 No meeting
August 13, 2020 virtual meeting
September 10, 2020 to be determined
October 8, 2020 to be determined
November 12, 2020 to be determined
December 10, 2020 to be determined

13. ADJOURN

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

MINUTES

March 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 meeting was called to order at 6:30 p.m. by Chair Brad Pierce. The following were in attendance and a quorum was present:

Arapahoe County:	Bill Skinner	Foxfield:	Pam Thompson
Arapahoe County:	Paul Krier	Greenwood Village:	Tom Dougherty
Douglas County:	Lauren Pulver	Lone Tree:	Mike Anderson
Douglas County:	Alison Biggs	Parker:	Amy Holland
Aurora:	Brad Pierce	ACPAA:	Mike Fronapfel
Castle Pines:	Kevin Rants	AOPA:	Robert Doubek
Centennial:	Candace Moon		

Others in attendance were Douglas County Alternate Representative Mark Adams; Past Aurora Alternate Representative Porter Ingram; Centennial Alternate Representative Don Sheehan; Past Centennial Alternate Representative Andrea Suhaka; Fly quiet Committee Member Bill Wasmund; and ACPAA Staff Dylan Heberlein and Rachel Keller.

Those absent were:

Castle Rock:	Jason Gray/James Townsend
Cherry Hills Village:	Al Blum/Afshin Safavi
CABA:	Don Kuskie/Mark Straka
CDOT Aeronautics Div:	Todd Green/Vacant
FAA APA Control Tower:	Joseph Wolters/Ron Curry
FAA District Office:	John Bauer/John Sweeney
FAA TRACON:	Steve Martin/Bill Dunn

Following the call to order and the roll call, the meeting was recessed so the committees could meet. The meeting was reconvened at 6:59 p.m.

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

3. **PUBLIC COMMENT:** None

INTRODUCTIONS: Castle Pines Alternate Representative Kevin Rants was introduced and welcomed. He is new to the CP City Council and has been in Colorado for about 5 years. He is with the department of Public Safety for the State of Colorado. Centennial Alternate Representative Don Sheehan was introduced and welcomed. He is on the Centennial City Council and does volunteer work with Wings Over the Rockies.

It was announced that Aurora Alternate Representative Liia Koiv-Haus would be leaving, and her position would be filled by Porter Ingram, who had served on CACNR before. He was in attendance and welcomed.

Finally, it was announced that Dylan Heberlein would be leaving Centennial Airport to become Director of Operations at Grand Junction Airport; essentially the number two position there at that air carrier airport. CACNR Representatives expressed dismay at his leaving but provided him sincere best wishes in his new position. His replacement, Rachel Keller, was introduced. She graduated from Metropolitan State University Magna Cum Laude in 2016 in both Airport Management and Aviation Technology and had been with ACPAA since 2017. She was warmly welcomed.

4. **CONSENT AGENDA:** The Consent Agenda included the February 5, 2020 draft minutes, and the 2019 Year-End and February 28, 2020 Treasurer's Reports. It was noted the next Treasurer's report would reflect an adjustment in the carry-over, now that the 2019 report was available. On the motion of Mike Anderson, duly seconded, the Consent Agenda was approved.

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

6. **COMMITTEE REPORTS:**

A. **COMMUNITY OUTREACH** – Amy Holland thanked those who had responded with ideas/reactions to the developing website. They were being compiled and would be shared with the web designer for the next 'draft.'

B. **FLY QUIET** – It was reported the new signs were now ready to be installed.

C. **NOISE MONITORS** – Candace Moon indicated the committee was still working to compile information from other general aviation airports.

The January 2020 Noise Report was reviewed by Rachel Keller and Dylan Heberlein. Heberlein noted there had been some changes to the report's format, to make it clearer and crisper. It showed there had been 29,940 total operations in January; 14,438 of those were local flights.

During January, there were 25,627 noise events at the 12 noise monitors. Noise events at each monitor were:

8,090 events at the Golf Course monitor on airport property (5,189 in the 60-69 decibel range)
5,761 events at the Meridian monitor (4,426 in the 60-69 decibel range)
3,152 events at the Airport East monitor on airport property (1,677 in the 60-69 decibel range)
2,396 events at the State Park monitor (1,687 in the 60-69 decibel range)
1,654 events at the Parker monitor (1,1430 in the 60-69 decibel range)
1,532 events at the Grandview Estates monitor (1,324 in the 60-69 decibel range)

807 events at the Lone Tree monitor (754 in the 60-69 decibel range)
784 events at the Greenwood Village monitor (695 in the 60-69 decibel range)
546 events at the Castle Rock monitor (505 in the 60-69 decibel range)
475 events at the Hunter's Hill monitor (426 in the 60 – 69 decibel range)
297 events at the Castle Pines monitor (287 in the 60-69 decibel range)
133 events at the Sagebrush Park monitor (125 in the 60-69 decibel range)

Eliminating the two monitors on airport property, the top five locations with noise events in the 70-79 decibel range were:

Meridian – 1,287	Parker – 220	Greenwood Village – 88
State Park – 689	Grandview Estates – 199	

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

Meridian – 42	Grandview Estates – 9	Hunter's Hill – 3
State Park – 19	Parker – 4	

Eliminating the two monitors on airport property, Meridian had 6 noise events in excess of 90 decibels, and State Park had 1 of the total 70 events in that range.

To provide more detail, a section had been added to the report which showed the Population census of each of the municipalities listed, as of 2018. Populations ranged from 716,492 in Denver to 6,650 in Cherry Hills Village.

In January, there had been 739 complaints from 43 households:

Of the 43 households, 12 had complained from Greenwood Village; 11 from Unincorporated Arapahoe County; 4 each from Unincorporated Douglas County and Lone Tree; 3 from Parker; 2 each from Aurora, Centennial and Other; and 1 each from Castle Pines, Cherry Hills Village, and Highlands Ranch.

Of the 480 complaints, 244 had come from Greenwood Village (33%); 222 from Centennial (20%); 85 from Unincorporated Douglas County (12%); 79 from Unincorporated Arapahoe County (11%); 51 from Parker (7%); 37 from Aurora (5%); 10 from Other (2%); 8 from Lone Tree (2%); and 1 each from Castle Pines, Cherry Hills Village and Highlands Ranch.

The top five complaining household for the year to date came from: Greenwood Village – 222; Centennial – 216; Unincorporated Douglas County – 82; Unincorporated Arapahoe County – 56; and Parker – 47.

16 complainers had requested responses from the airport, with 7 of those requests made by email, and 9 by telephone.

Of the 739 January complaints, 681 (92%) were about daytime flights and 58 (2%) were about nighttime flights.

Comparatively, there were 739 complaints resulting from 29,940 operations in January 2020 (25%). There had been 237 complaints resulting from 25,332 operations in January 2019 (9%). It was noted it was hard to read the white lettering and numbers on the light grey background on this chart.

Props accounted for 67% of the complaints in January, while jets accounted for 18% of the complaints. Helicopters were the cause of 3%; and 12% unknown. Departures were responsible for 44% of the complaints; arrivals were 37%; training was 6%; and 13% were unknown.

The January complaint map showed the locations of the complaints, with 2 being outside the map boundaries, in Castle Rock and Jefferson County. A January 2020 Radar Track Density Map was available.

Question was asked about the nature of the complaints from the #1 complaining household in Greenwood Village?

Response was a rather mixed bag, including departing jets.

D. WORK PLAN – The group had been snowed out of its last scheduled meeting but would be trying again soon.

E. STUDY GROUP – The next and apparently final task for this group would be to assure all Members have copies of the signed Memorandum of Understanding and Funding Structure. Brad Pierce has the originals of those documents and would be sending them out.

7. **FAA REPORTS:**

- A. **DISTRICT OFFICE** – None.
- B. **APA AIR TRAFFIC CONTROL TOWER** – None
- C. **TRACON** – None

8. **OTHER REGULAR MONTHLY REPORTS:**

A. **ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY** – Robert Doubek, ACPAA Treasurer, had provided a written report from the February 12, 2020 meeting. He thanked the airport tower for the green light he had been given when he had experienced a radio failure while trying to land and taxi to the hangar. He had been pleased the tower personnel had a signal light and knew how to use it and noted many pilots have never used the light signals in their careers. Brad Pierce had attended the meeting for CACNR and a copy of his report to ACPAA had been provided.

Question was asked if the Economic Impact Study noted in Doubek's report would be made available to CACNR. The report, done by CDOT's Division of Aeronautics, was quoted as showing an economic impact increase from \$1.32 billion in 2013 to \$2.1 billion in 2020 (a \$0.78 billion increase in that time). The response to the question was that the report was not yet finalized; that might occur in April.

Question was asked about the planned use of the \$36,159 specified in ACPAA's 2020 budget for CACNR. Other questions asked were how the \$8,341 shown as expended by ACPAA for CACNR in 2019 had been calculated, and why had nothing been shown as having been expended by ACPAA for CACNR in 2018? Staff indicated the answers to the questions would have to be explored.

B. **AIRPORT DIRECTOR'S REPORT** – In the absence of the Airport Director, Mike Fronapfel updated CACNR, noting the ACPAA Petition for Review of the Denver Metroplex Project would be filed in the Washington DC Circuit Court before March 20th. Arapahoe County and Douglas County are expected to join ACPAA as co-petitioners. For those new to the group, Fronapfel provided a summary of events related to the Project to date.

There had been considerable effort and cost for snow removal so far during the year. ACPAA had received a \$5 million grant from the FAA for rehabilitation of one taxiway, which would be done at some point in the Spring, and replacement of lights which will be done in September or October. There should be less training traffic while the touch and go runway is closed for lighting replacement. There are some plans to provide community notice for these activities. Construction of the new administration building was underway, with a target move-in date now for the end of October 2020.

C. **METROPLEX** – See above.

D. **NEXTGEN ADVISORY COMMITTEE (NAC)** – Brad Pierce indicated the next meeting would be April 17, 2020.

E. **N.O.I.S.E.** – Brad Pierce indicated the next N.O.I.S.E. meeting would be in Washington, DC on March 9, 2020 again in conjunction with the National League of Cities. He would be attending as President of N.O.I.S.E., and CACNR could send a representative, although no one appeared able to do so. Pierce also indicated he would share the agenda for that meeting with CACNR.

F. **2019 4th QUARTER LAND USE REVIEW** – Rachel Keller and Dylan Heberlein presented this report. There had been eighteen referrals reviewed between October 1, 2019 and December 31, 2019. Six were residential; two a mix of residential and commercial; one was industrial; and the remainder had been commercial. All were either approved or had been subject to comments.

9. **OLD BUSINESS:**

A. **UC DAVIS AVIATION AND EMISSIONS SYMPOSIUM, MARCH 1-3, 2020, SAN DIEGO** – Alison Biggs indicated she and Melissa Coudeyras would be doing a joint report about this meeting. This year, there had been limited information specific to general aviation airports, but much of the other material was of interest. The approach Heathrow Airport, serving London, takes to involving the public was very impressive and refreshing, and appeared to be quite different than what occurs here. Those representing the FAA in different meeting sessions had been questioned rather intensely on a variety of topics throughout the symposium.

B. **2020 MEETING SCHEDULE FOR CACNR & ACPAA, INCLUDING CACNR REPRESENTATIVES TO ACPAA** – The 2020 meeting schedule was again provided. Amy Holland volunteered to attend the March ACPAA meeting for CACNR, and Paul Krier had previously indicated he could represent CACNR in April.

C. **CONGRESSIONAL QUIET SKIES CAUCUS** – Brad Pierce noted he and Emily Tranter from N.O.I.S.E. would again try to communicate with Jason Crow about joining this group.

10. **NEW BUSINESS:**

A. **INFORMATION SHARING** – Mark Adams provided information that DIA would have a runway shut down (17R, 35L) from May 15 until a date in July. The addition of the seventh, and possibly the seventh and eighth runways was noted as being a hot topic. It was anticipated DIA would instigate considerable public outreach about the project.

Adams also noted there will be an expansion of Pena Boulevard to three lanes, starting later this month. Work should soon be restarting on the Great Hall project. The addition of 39 gates at DIA will be done at the end of the B Concourse and is projected to start in September.

There had been some flight cutbacks due to the coronavirus, but not as many as had happened on both Coasts.

B. **ELECTION OF OFFICERS** – Following discussion, with no one else wishing to be nominated for any of the four offices, Mike Anderson nominated the existing officers for another one-year term. Motion was duly seconded and carried. With only one nominee for each office, the nominees were declared elected by acclamation.

11. **PUBLIC COMMENT**: None

12. **NEXT MEETINGS**:

A. **CACNR** – Apr 01, 2020 6:30 p.m. Arapahoe Board Room, 6924 S. Lima, Centennial 80112
May 06, 2020 6:30 p.m. Arapahoe Board Room, 6924 S. Lima, Centennial 80112
June 3, 2020 6:30 p.m. Arapahoe Board Room, 6924 S. Lima, Centennial 80112

B. **ACPAA** –Mar 12, 2020 3:00 p.m. Wright Brothers Room, Centennial Airport, 7800 S Peoria St, Englewood, CO
(Amy Holland representing CACNR)
Apr 09, 2020 3:00 p.m. Wright Brothers Room, Centennial Airport, 7800 S Peoria St, Englewood, CO
(Paul Krier representing CACNR)
May 14, 2020 3:00 p.m. Wright Brothers Room, Centennial Airport, 7800 S Peoria St, Englewood, CO
(??? representing CACNR)
June 18, 2020 3:00 p.m. Wright Brothers Room, Centennial Airport, 7800 S Peoria St, Englewood, CO
(??? representing CACNR)

13. **ADJOURNMENT**: The meeting was adjourned at 7:52 p.m.

Alison Biggs, Secretary

CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE TREASURER'S REPORT AS OF JUNE 29, 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
	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		
		Legal	\$ 1,000		
TOTAL EXPENDITURES:			\$ 23,500	\$ 13,964.53	
BALANCE AS OF 06 29 2020:				\$ 12,574.56	
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 a proposed budget indicating how the requested funds would be utilized, so that funds could be appropriated for the coming year."					



Centennial Airport Monthly Noise Report



May 2020

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1 Definitions

A-weighted Sound Level – A measure of sound level with weighted frequency characteristics that correspond to human subjective response to noise.

Arrival – The act of an aircraft approaching and landing at an airport.

Ambient Noise Level – The level of noise that is all-encompassing within a given environment for which a single source cannot be determined. It is usually a composite of sounds from many and varied sources near to and far from the noise monitor.

Community Noise Event Level (CNEL) – The average sound level over a 24-hour period, with a penalty of 10dB for nighttime hours between 10:00 PM and 7:00 AM.

Day Night Average Sound Level (DNL) – A measure of the average noise level over a 24-hour day. It is the 24-hour, logarithmic (or energy) average, A-weighted sound pressure level with a 10-decibel penalty applied to the nighttime event levels that occur between 10:00 PM and 7:00 AM.

Decibel (dB) – A logarithmic quantity reflecting the ratio of the sound pressure of the source to a reference pressure. This results in a sound pressure level of about 0 dB for the quietest sounds that we can detect and sound pressure levels of about 120 dB for the loudest sounds that can be heard without pain.

Departure – The act of an aircraft taking flight and leaving the airport.

Energy-Averaged Sound Pressure Level (Leq) – The value or level of a steady, non-fluctuating sound that represents the same sound energy as the actual time-varying sound evaluated over the same time period.

Flight Track – The path along the ground followed by an aircraft in flight.

Instrument Flight Rules (IFR) Rules and regulations established by the FAA to govern flight under conditions in which flight by outside visual reference is not safe. IFR flight depends upon flying by reference to instruments, and navigation is accomplished by reference to electronic signals. It is also a term used by pilots and controllers to indicate the type of flight plan an aircraft is flying, such as an IFR or VFR flight plan.

Local Operations – Operations in the local traffic pattern or within sight of the airport; flight in local practice areas within a 20 mile radius; execute simulated instrument approaches or low airport passes.

Maximum Noise Level (L_{max}) – The peak noise level for a single noise event.

Noise Exposure – The cumulative sound energy affecting a person over a specified period of time.

Overflight – Aircraft flight originating and terminating outside the area that transits the airspace without landing.

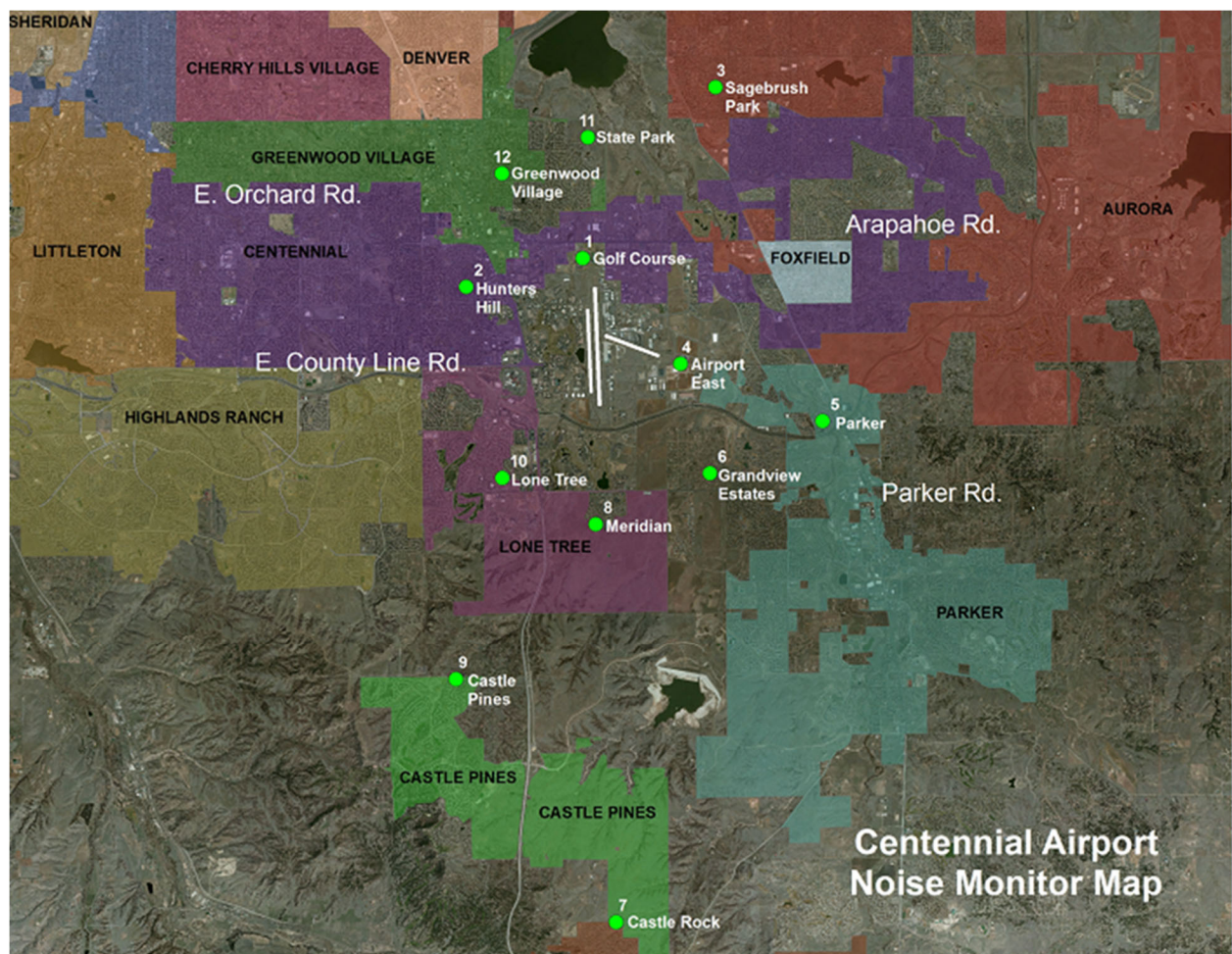
Visual Flight Rules (VFR) – A set of regulations under which a pilot operates an aircraft in weather conditions generally clear enough to allow the pilot to see where the aircraft is going. A flight plan is not required when the pilot is operating under Visual Flight Rules.

Sound Exposure Level (SEL) – The total energy in the A-weighted sound level measured during a transient noise event. SEL accounts for both the duration and the loudness of a noise event.

Overview

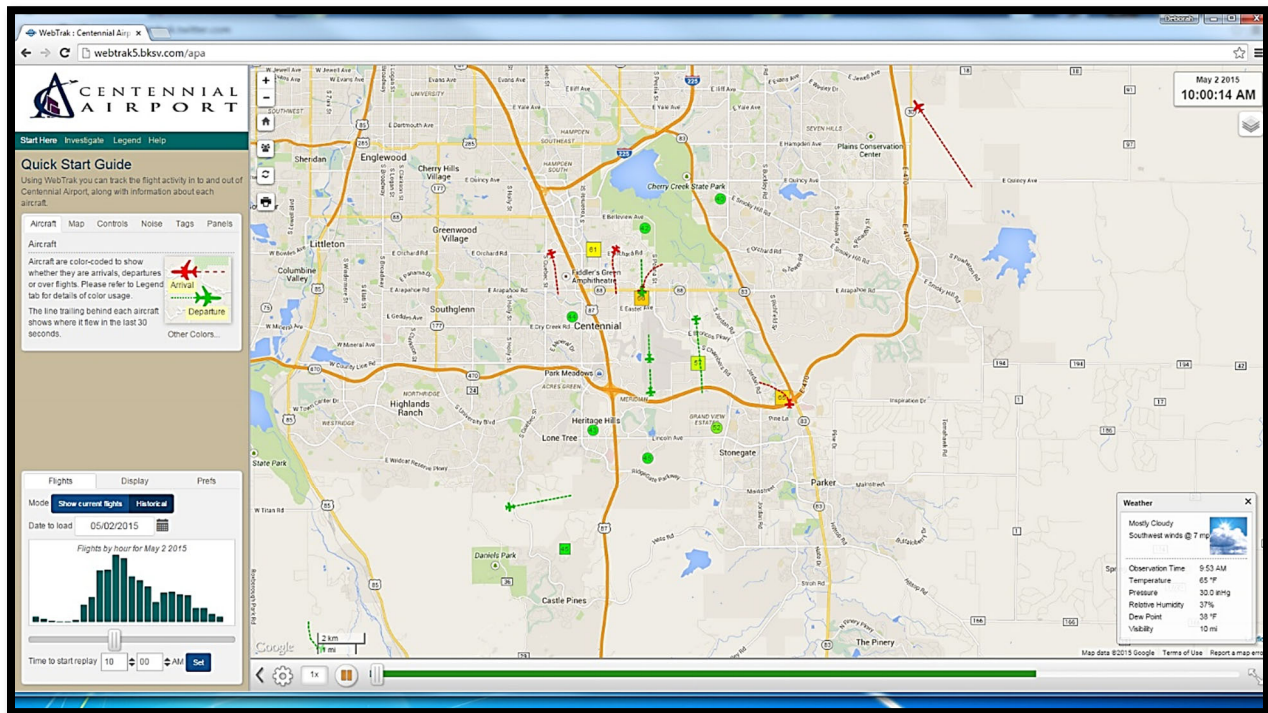
3 ABOUT APA'S NOISE MONITORING PROGRAM

Centennial Airport's (KAPA) Noise and Operations Monitoring System (ANOMS) is a new state of the art system that enables the Arapahoe County Public Airport Authority to monitor and better understand aircraft noise in the vicinity of Centennial Airport. This system is comprised of 12 fixed noise monitoring terminals in the community, as well as 2 portable monitors that are available for short term monitoring anywhere in the community.



4 ABOUT WEBTRAK™

As part of an ongoing program, Centennial Airport now offers an online tracking system for the movement of flights and air traffic patterns within the Denver Metro area. **WebTrak** Flight Tracking and Noise Information System allows concerned individuals to research data about flights to and from Centennial Airport, Denver International Airport, Rocky Mountain Metropolitan Airport, Front Range Airport and Buckley Air Force Base, as well as any transitional air traffic through the region.



How to participate

The general public may use **WebTrak** to investigate a noise or flight that occurred near their location. The system also simplifies the process of filing a noise complaint, offering an easy, online option for residents to register concerns regarding noise levels at the following web addresses:

APA WebTrak: <https://complaint-us.emsbk.com/apa7>

Centennial Airport Website: <http://www.centennialairport.com>

In addition, noise complaints can also be submitted on our noise hotline:

APA Noise Hotline:
303-790-4709

5 OPERATIONS STATISTICS

	IFR ITINERANT				VFR ININERANT				LOCAL		
	AIR TAXI	G.A.	MILITARY	TOTAL INTINERANT	AIR TAXI	G.A.	MILITARY	TOTAL	G.A.	MILITARY	TOTAL LOCAL
January	2,258	3,326	173	5,757	528	8,585	116	9,229	14,386	52	14,438
February	2,280	2,969	109	5,358	384	6,097	99	6,580	10,383	61	10,444
March	1,896	2,457	83	4,436	359	6,933	90	7,382	14,465	35	14,500
April	949	1,024	51	2,024	289	3,378	62	3,729	5,516	43	5,559
May	1,428	2,239	91	3,758	329	8,383	67	8,779	17,485	24	17,509
June				0				0			0
July				0				0			0
August				0				0			0
September				0				0			0
October				0				0			0
November				0				0			0
December				0				0			0
Y-T-D Totals	8,811	12,015	507	21,333	1,889	33,376	434	35,699	62,235	215	62,450

	IFR OVERFLIGHTS				VFR OVERFLIGHTS					TOTAL OPERATIONS
	AIR TAXI	G.A.	MILITARY	TOTAL INTINERANT	AIR TAXI	G.A.	MILITARY	TOTAL		
January	7	13	2	22	97	390	7	494	January	29,940
February	2	4	0	6	53	266	1	320	February	22,708
March	1	9	2	12	52	214	6	272	March	26,602
April	1	2	9	12	84	87	10	181	April	11,505
May	2	5	2	9	89	235	19	343	May	30,398
June				0				0	June	
July				0				0	July	
August				0				0	August	
September				0				0	September	
October				0				0	October	
November				0				0	November	
December				0				0	December	
Y-T-D Totals	13	33	15	61	375	1,192	43	1,610	Y-T-D Totals	121,153

Definitions

Air Taxi – A company that operates aircraft that carry cargo or mail, or passengers on an on demand or charter basis.

General Aviation (G.A.) – All civil aviation operations other than scheduled air services and non-scheduled air transport operations for remuneration or hire.

Local – Operations are performed by aircraft which operate in the local traffic pattern or within sight of the airport; flight in local practice areas located within a 20-mile radius of the airport; execute simulated instrument approaches or low passes at the airport.

IFR Itinerant – Operations other than local operations conducted under Instrument Flight Rules.

VFR Itinerant – Operations other than local operations conducted under Visual Flight Rules.

Overflight – Operation performed by aircraft that transit the area and did not originate or did not terminate within the airspace.

6 NOISE MONITOR REPORTS

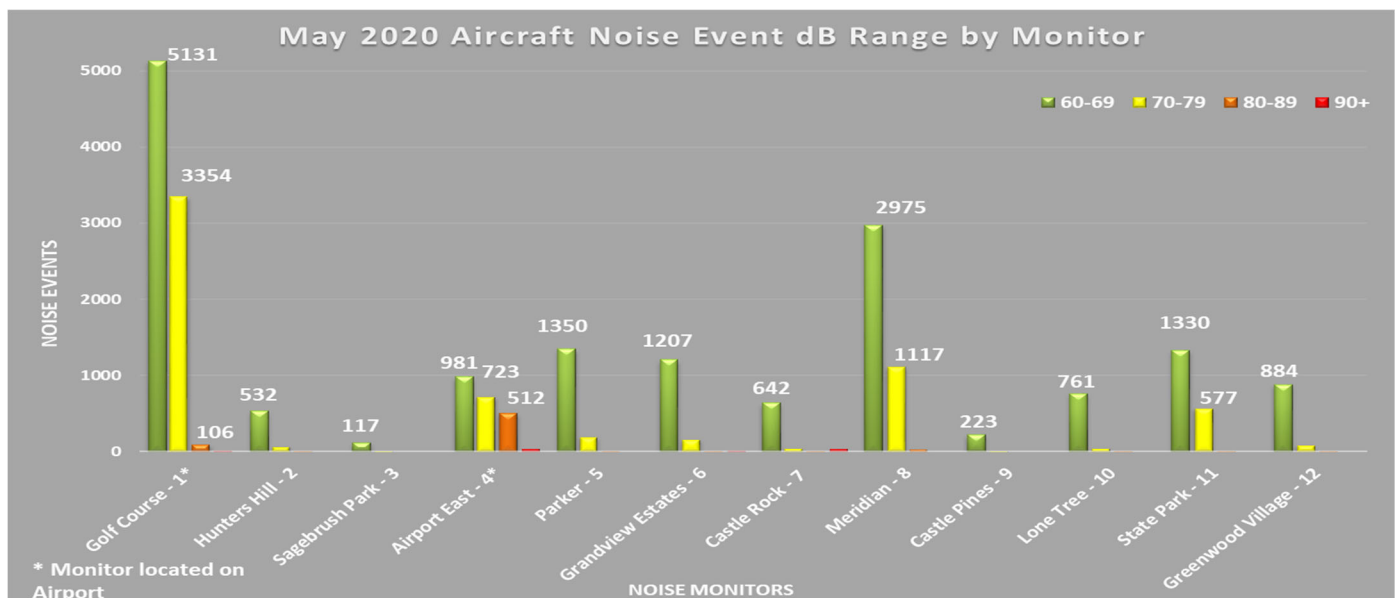
The following data displays the amount and associated decibel level of aircraft noise events at a given monitor. An aircraft noise event must contain the following characteristics:

First, the noise event must exceed the ambient noise level. This number varies at every monitor, but is generally greater than 50-55db. Secondly, the noise event must last longer than 5 seconds. Lastly, using radar data, the system must correlate an aircraft with the noise event. This ensures that the sound is not associated with a 'community noise event' such as a lawn mowers or emergency sirens.

The information below reflects only aircraft noise events as described above.

May 2020 Aircraft Noise Event Decibel Range By Monitor					
Monitor	60-69	70-79	80-89	90+	Totals
Golf Course - 1*	5131	3354	106	3	8594
Hunters Hill - 2	532	70	7	0	609
Sagebrush Park - 3	117	9	0	0	126
Airport East - 4*	981	723	512	37	2253
Parker - 5	1350	201	4	0	1555
Grandview Estates - 6	1207	167	9	3	1386
Castle Rock - 7	642	48	1	33	724
Meridian - 8	2975	1117	41	0	4133
Castle Pines - 9	223	16	0	0	239
Lone Tree - 10	761	42	3	0	806
State Park - 11	1330	577	11	0	1918
Greenwood Village - 12	884	87	7	0	978
Totals	16133	6411	701	76	23321

*Monitor located on Airport



7 MAY 2020 NOISE COMPLAINTS

In May, Centennial Airport received 627 complaints from 113 households.

May Noise Complaints			YTD		Population
Municipality	Complaints	Households	Complaints	Households	Census 2018
Arapahoe County Unincorporated	232	38	618	49	83,764
Aurora	32	2	103	4	374,114
Castle Pines	2	2	5	5	10,507
Castle Rock	21	3	21	3	64,827
Centennial	28	12	1233	16	110,831
Cherry Hills Village	0	0	2	2	6,650
Denver	2	2	5	4	716,492
Douglas County Unincorporated	159	15	541	19	100,536*
Greenwood Village	54	18	828	26	15,801
Highlands Ranch	1	1	5	3	105,264
Lone Tree	13	4	30	7	14,653
Parker	47	2	183	4	55,636
Other	27	12	63	19	UNK
Total	627	113	3646	163	1,659,075

*Douglas County Unincorporated Population with Highlands Ranch Removed

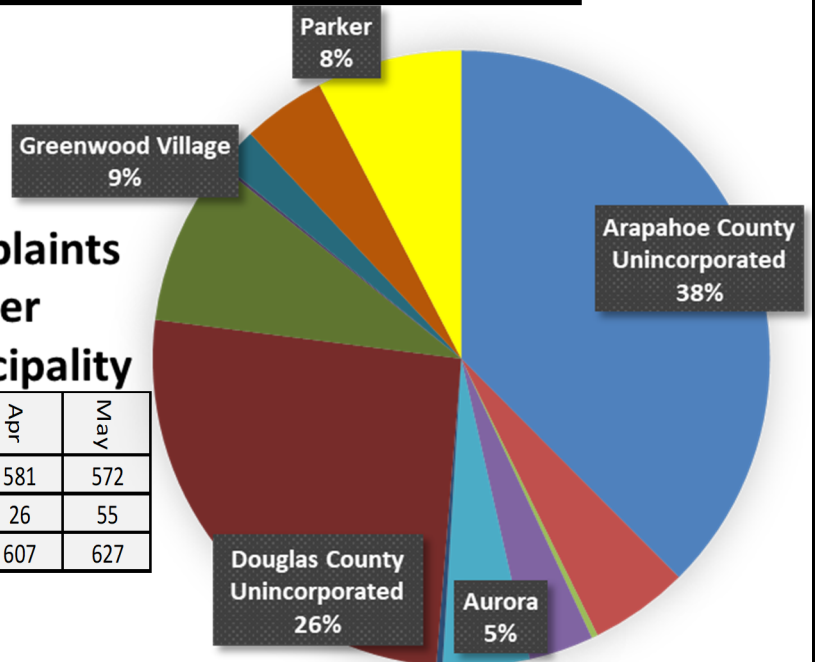
Noise Complaints Response Requested	
Email	68
Phone	67
Total	135

Complaints per Municipality

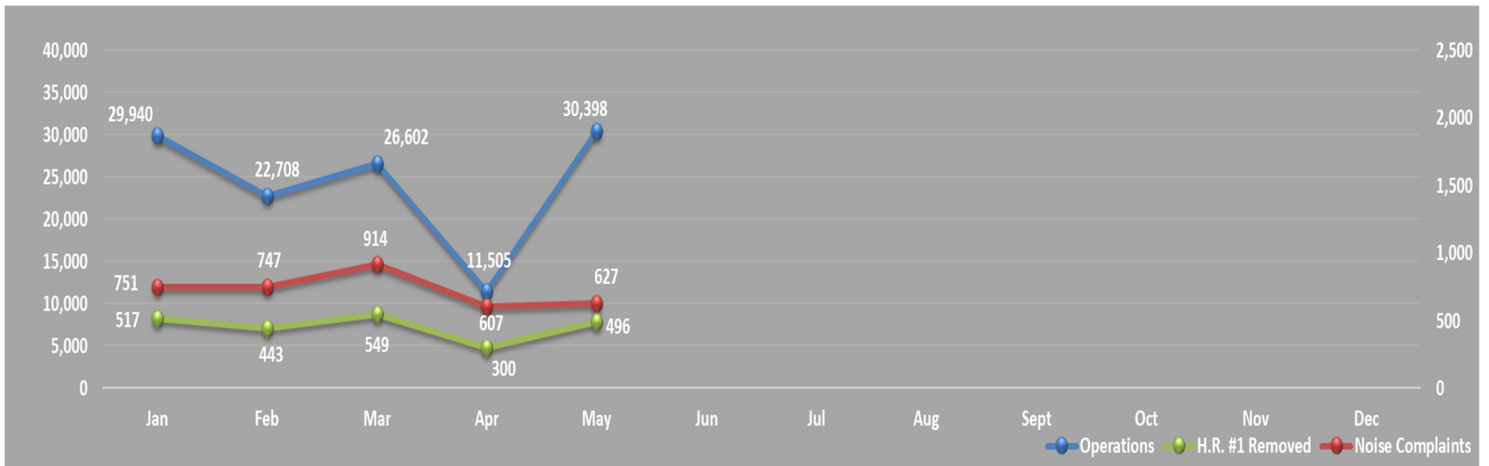
Time Complaint Received	Jan	Feb	Mar	Apr	May
Day Hours (7:00 am - 9:59pm)	700	700	865	581	572
Night Hours (10:00 pm - 6:59 am)	51	47	49	26	55
TOTAL	751*	747*	914	607	627

*Retroactively received 12 additional complaints from Greenwood Village in January

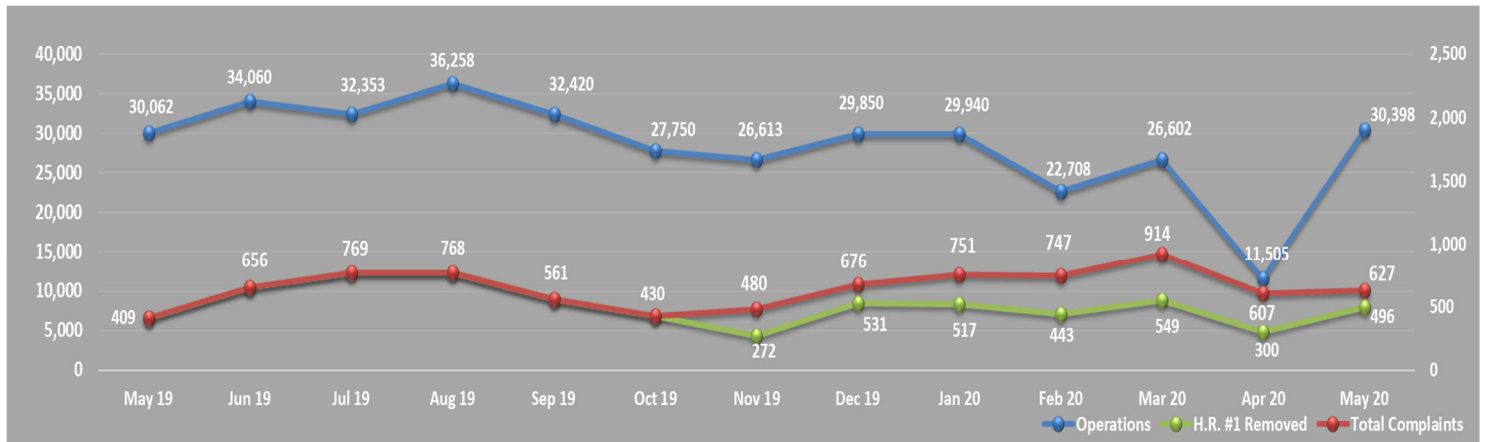
* 52 web complaints in February did not process into system and needed to be manually entered



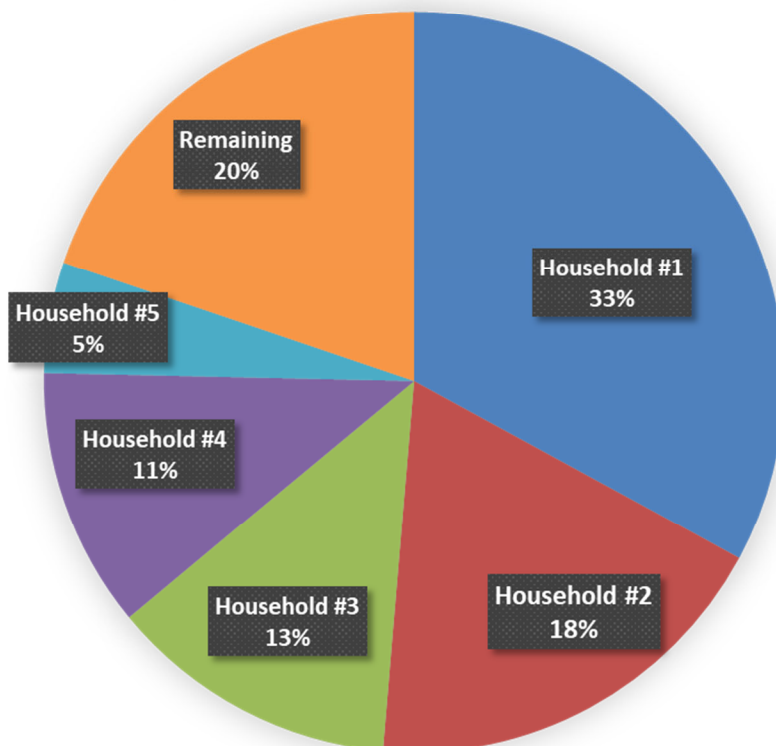
Current 12 Month Trend



Previous Year 13 Month Trend



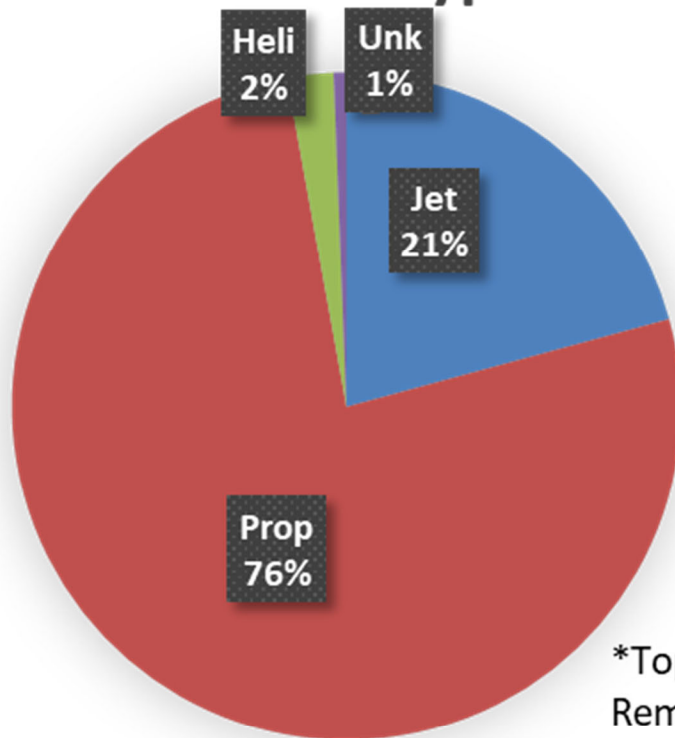
Top 5 Household Complaints YTD



Top 5 Household Complaints YTD

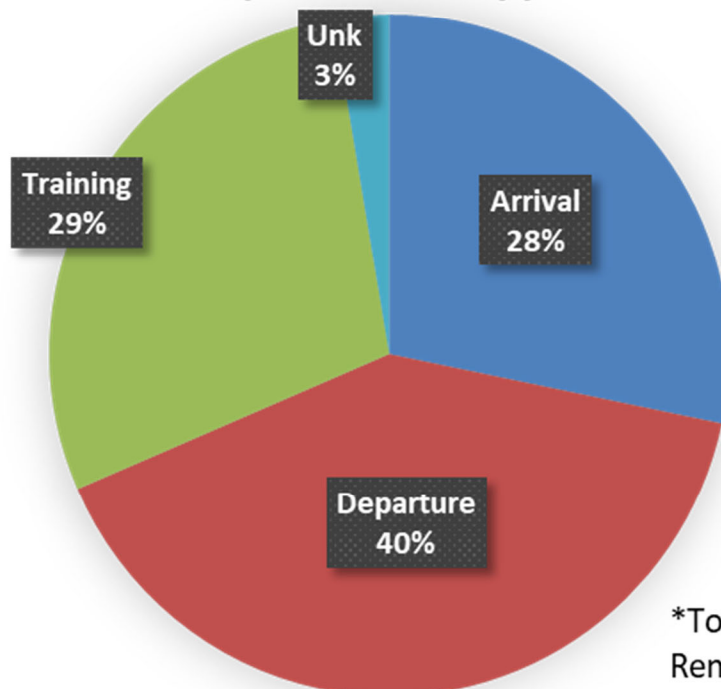
Household	Complaints	Households
Household #1	1,201	Centennial
Household #2	671	Greenwood Village
Household #3	461	Douglas County Unincorporated
Household #4	414	Arapahoe County Unincorporated
Household #5	177	Parker
Remaining	722	
Total	3,646	

Complaints by Aircraft Type



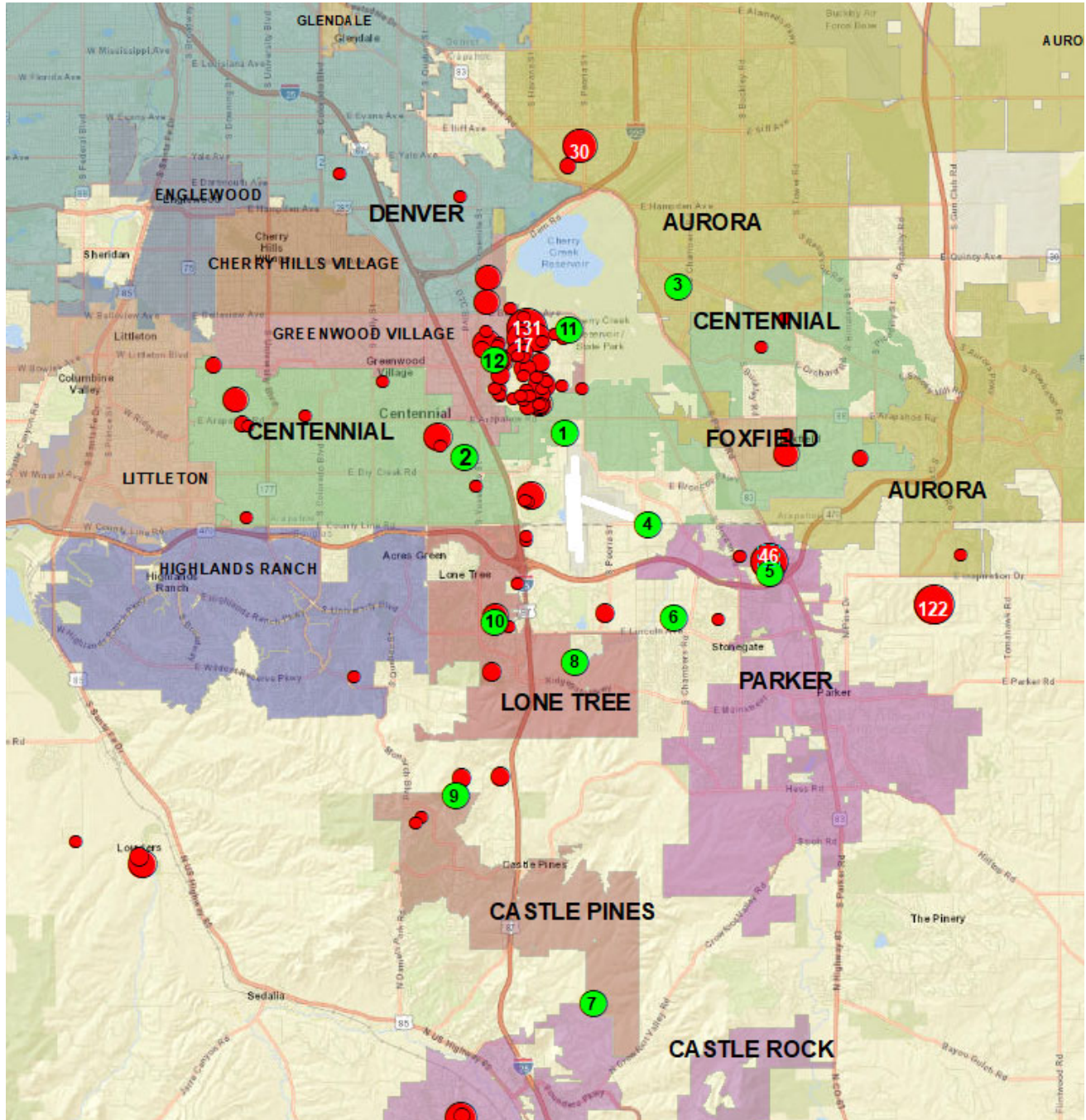
*Top Household
Removed

Complaints by Operation Type



*Top Household
Removed

8 COMPLAINT MAP



May 2020 Complaints

MAP LEGEND:

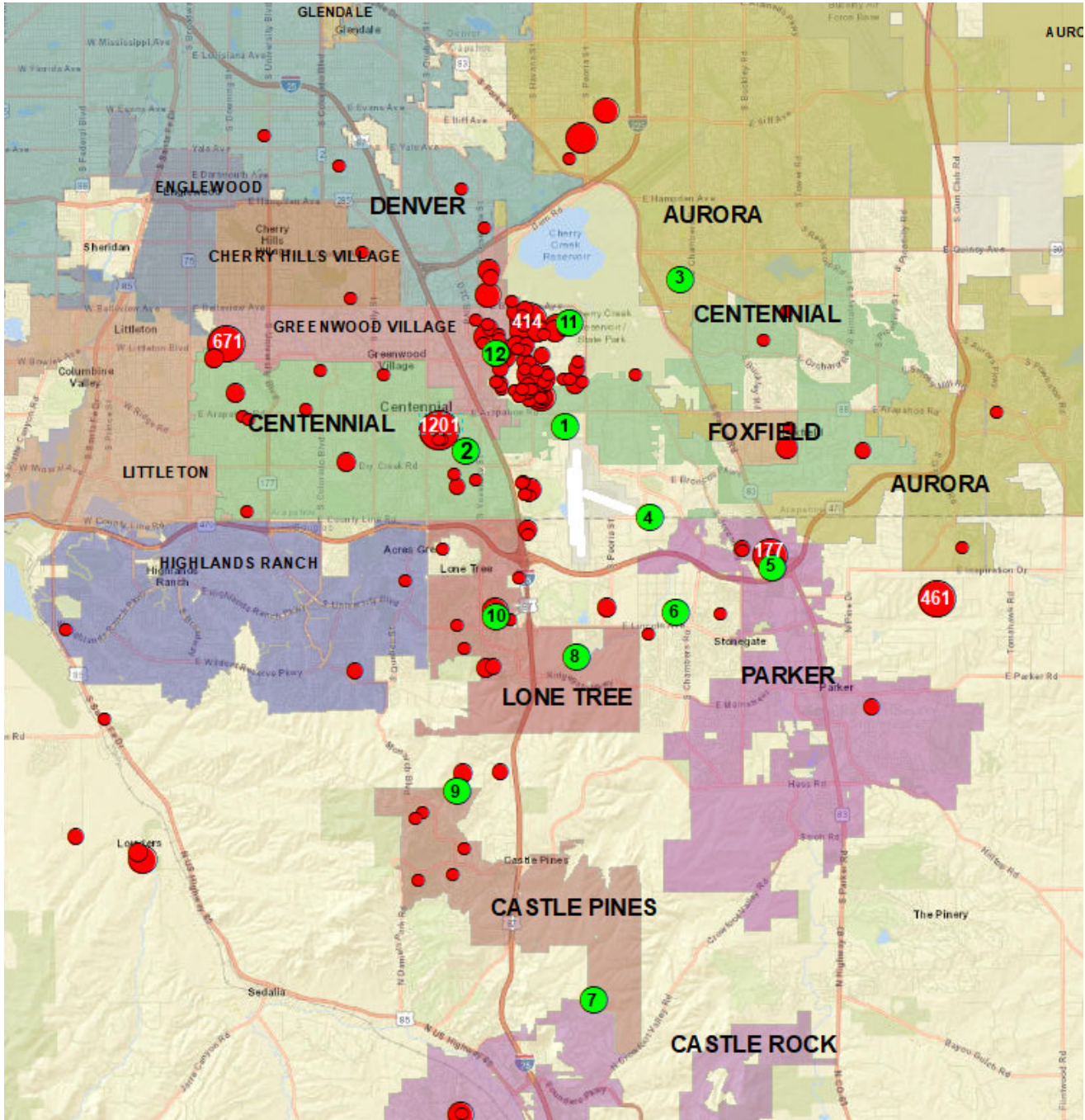
*14 households are located outside the map area

Green = Noise Monitor Locations

Red = Household Complaint Locations.

**Larger dots equate to more complaints for that particular household

9 YEAR TO DATE COMPLAINT MAP



Year to Date 2020 Complaints

MAP LEGEND:

*22 households are located outside the map area

Green = Noise Monitor Locations

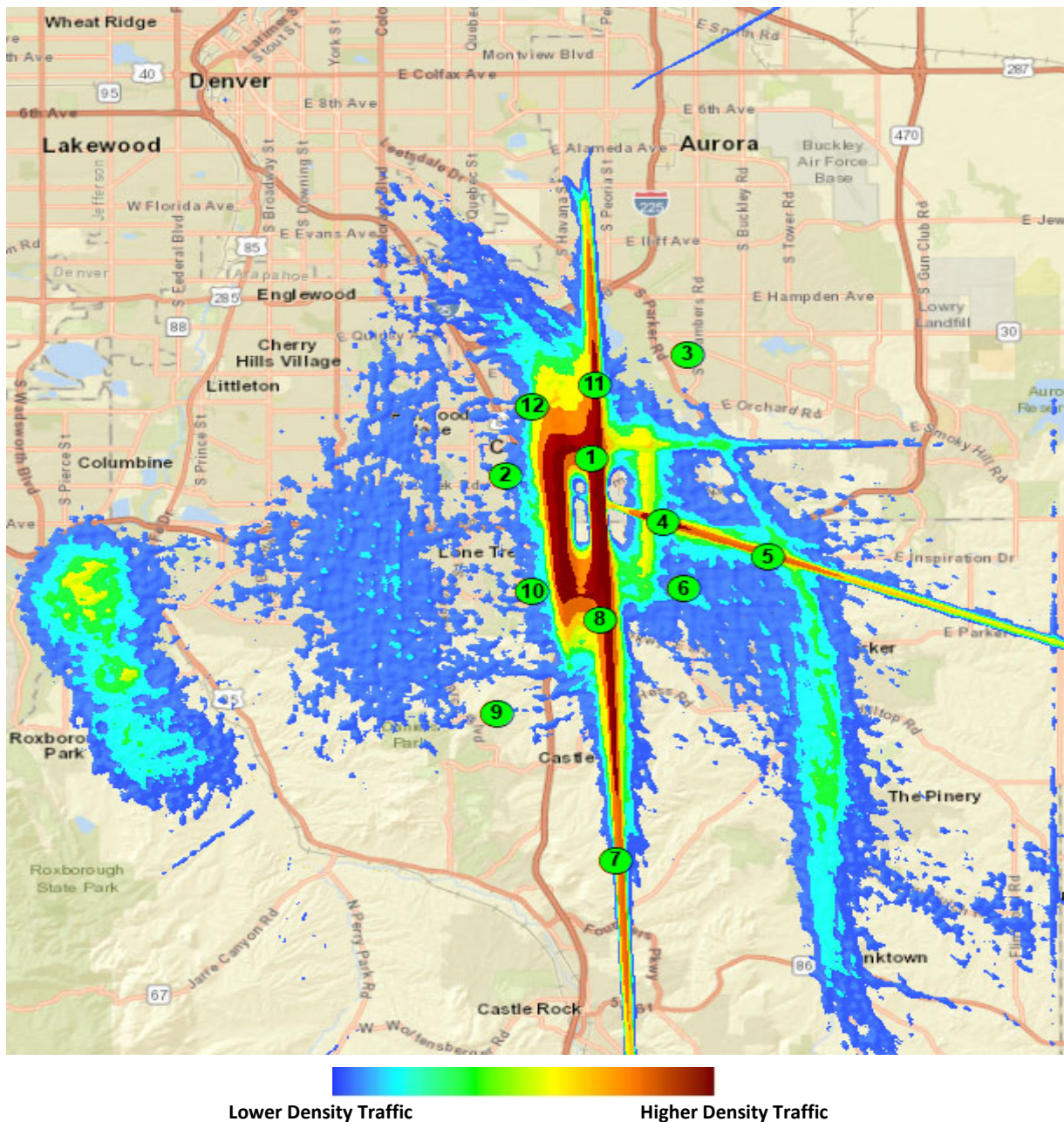
Red = Household Complaint Locations.

**Larger dots equate to more complaints for that particular household

10 RADAR TRACK DENSITY MAP

The following map takes all of the flight track data for the given time period and creates a line density plot. This enables everyone to have a better understanding of where the flight tracks are at, while allowing for historical comparisons. Dark red in the middle of the picture shows the highest density of flight tracks over the runways. The colors gradually move out to blue as the least dense.

March 2020 Flight Tracks into Centennial Airport (To be updated June 2020)



11 NOTES AND DISCLAIMER

This report is for informational use only. Every effort has been made to ensure the accuracy of this data; however, the material may be altered as new information is added or updated in the system.

Centennial Airport disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data. We hope this information provides you with a valuable tool in which to review noise data and characteristics in your area. If you have questions or concerns, please contact the Centennial Airport Noise office at **303-790-0598**.



Noise Hotline: 303-790-4709

www.centennialairport.com

Task Order Number _____

TASK ORDER FORM
FOR USE OF CACNR FUNDS

I. TO BE FILLED OUT BY REQUESTING GROUP OR INDIVIDUAL and submitted to CACNR Executive Committee:

Date:

From:

Use of Funds:

Anticipated Completion Date:

Anticipated Results:

1.

2.

3.

Etc.

Anticipated Cost:

Additional Information:

II. ACTION: If under \$500, can be acted upon by CACNR Executive Committee; if over \$500, needs action by CACNR Representatives.

Action by Executive Committee: Approved _____ Declined _____ Date _____

Action by CACNR: Approved _____ Declined _____ Date _____

Comments:

Task Order Number _____

TASK ORDER FORM
REQUESTING JASON SCHWARTZ THROUGH ABCx2

I. TO BE FILLED OUT BY REQUESTING GROUP OR INDIVIDUAL and submitted to CACNR Executive Committee:

Date:

From:

Description of work to be accomplished:

Anticipated deliverables (results):

1

2

3

Etc.

Additional information:

II. TO BE FILLED OUT BY CACNR EXECUTIVE COMMITTEE AND SUBMITTED TO Jason Schwartz, Aviation Compatibility Consulting, jason@aviationcompatibility.com Telephone 360-773-6978.

If the amount is under \$500, can be acted upon by CACNR Executive Committee; if over \$500, needs action by CACNR Representatives.

Date:

Anticipated terms, cost, hours required, completion date, etc.:

III. Signatures:

For CACNR

Date _____

Jason Schwartz

Date _____

BOARD MEETING NOTES JUNE 18,2020

BKD, LLP CPAs presented Financial Statements for the years ending December 31, 2019 and 2018. As a result of the Audit they issued unqualified opinion of the statements. The audit report was approved by the Board and the audited Financial Statements are posted on the website.

State of the Airport COVID-19 Update was presented by Robert Olislagers and summarized as follows:

Robert reported that the Airport is showing signs of recovery after a dismal April. May showed a 1% increase in airport operations year-over-year. Activity was led by the Flight Schools but jet and turbine traffic is also making a comeback.

Operationally, Centennial was the busiest Airport of all U.S. , airports on May 5, and it was second busiest of all U.S. airports for the entire month of May.

The fuel and operations reports show that the turbine jet fuels which account for 34% of fuel revenues is at 52% of normal compared to May of last year. The month of June thru the 15th is looking much better with fuel sales trending back up between 75 and 80 percent of last year's normal.

Not being out of the woods yet, we are taking a very cautious approach to actual revenues versus budgeted revenues. We have looked at every area that we could defer or eliminate in order to preserve as much cash as possible. We identified slightly more

than \$1M in expenses Or about 12.5% and have asked all managers to hold the line which includes a hiring freeze, , except for interns, delaying capital expenditures, cutting all conference travel ,and deferring non- safety projects.

US Customs and Border Patrol officers have been reduced to one after CBP raised our fees 44%.

If the current trend holds and we do not see a dramatic second pandemic wave, we may be able to reinstate some expenditures, not having to dip into reserves; and put us into a better position for FY 2021 budget and first reading in October.

The new Administration building is coming along nicely, with drywall being installed on the first floor; exterior finishes being applied and windows being installed on the West side.

Next week, a possible new tenant for our current offices will be making their second visit, good news as well.

(RS&H presented the draft Master Plan to the Board and to the public on May 25.)

In closing, Robert announced that we will not meet in July and the next Board Meeting will be August 13 and we are still meeting virtually.

Rjd/6/27/2020

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

<u>CACNR MEETING</u>	<u>ACPAA MEETING</u>	<u>CACNR REPRESENTATIVE</u>	<u>REPORT DUE DATE (to Dylan)</u>
None	None	None	None
February 05	February 13	Brad Pierce	February 07
March 04	March 12	Amy Holland	March 06
April 01	April 09	Paul Krier	April 03
MEETINGS CANCELLED DUE TO CORONAVIRUS			
May 06	May 14		May 08
June 03	June 18		June 11
July 01	None		July 03
August 05	August 13	(CACNR report to include July and Aug)	August 07
September 02	September 10		September 04
October 07	October 08		No time to write
November 04	November 12		November 06
December 02	December 10		December 04

MEMORANDUM

DATE: April 30, 2020
TO: ACPAA Board Members
FROM: Rachel Keller- Noise and Planning Specialist
RE: Land Use Review

The following is a list of Land Use Development referrals that have been reviewed by Centennial Airport staff from 1/1/2020 through 3/31/2020:

Date	Previously Referred	Development	Location	Referring Entity	Type	Recom.
1/2/2020	<input type="checkbox"/>	Compark Village F7 AMD 2 L1, Assisted Living and Memory Care	NWC Chambers Rd. and E470	Town of Parker	C/R	N
1/9/2020	<input type="checkbox"/>	Dove Valley Filing No. 14, Lot 5 and portion of Lot, 4 Block 1	14251 E Otero	Arapahoe County	I	S
1/13/2020	<input checked="" type="checkbox"/>	Inverness Subdivision Filing 7, 15th Amendment, Lots 1A and 1B, 2nd Revision	370 Inverness Drive South	Douglas County	I	S
1/13/2020	<input type="checkbox"/>	Pinery West Filing 1K	SEC Crowfoot Valley and Pradera Pkwy	Douglas County	R	A
1/16/2020	<input type="checkbox"/>	Inverness Filing 6, 8th Amendment, Lot 1	321 Inverness Dr. South (Approx. 1,500' west of Centennial Airport perimeter fence)	Douglas County	C	N
1/17/2020	<input type="checkbox"/>	Adragna Minor Development	NEC I-25 and Founders Pkwy	Douglas County	R	A
1/17/2020	<input type="checkbox"/>	Inverness Subdivision Filing 7, 15th amendment	370 Inverness Drive South	Douglas County	I	A
1/29/2020	<input checked="" type="checkbox"/>	Dove Valley 14251 E. Otero ASP	14251 E. Otero	Arapahoe County	I	A
1/31/2020	<input type="checkbox"/>	Cottonwood Highlands F7 Final Plat	SEC Chambers Rd. and E470	Town of Parker	R	S
2/7/2020	<input type="checkbox"/>	Compark Village F5 Tract A-Rocky Mountain Pre-School	NEC Chambers Rd. and Canyon Rim Circle	Town of Parker	C/R	S
2/12/2020	<input type="checkbox"/>	Senderos Creek Office	SEC Jordan Rd. and Mainstreet.	Town of Parker	C	A
2/13/2020	<input type="checkbox"/>	Journey Church Use by Special Review	9009 Clydesdale Rd.	Douglas County	C	A
2/27/2020	<input type="checkbox"/>	Parker Joint Use Facility F1 AMD 2 L1-PWSD Well Storage	NWC E470 and Parker Rd.	Town of Parker	C	S
3/6/2020	<input checked="" type="checkbox"/>	Lagae Ranch Filing 1, Lot 236-B	NEC Monarch Blvd and Lagae Rd.	Castle Pines	R	S
3/13/2020	<input type="checkbox"/>	11865 Heirloom Parkway (Rueter-Hess Water Purification Facility)	NWC Hess Rd. and Chambers Rd.	Douglas County	I	S
3/18/2020	<input type="checkbox"/>	Olde Town at Parker PD AMD 3- Sanders Creek North	SEC Mainstreet and Jordan Rd.	Town of Parker	R	S
3/30/2020	<input checked="" type="checkbox"/>	Olde Town/ Senderos Creek North Sketch Plan	SEC of Mainstreet and Jordan Rd	Town of Parker	R	S

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.
3/30/2020	<input checked="" type="checkbox"/>	Olde Town/Senderos Creek North	SE corner of Mainstreet and Jordan Rd	Town of Parker	R	S
3/30/2020	<input checked="" type="checkbox"/>	Olde Town/Senderos Creek North Preliminary Plan	SE corner of Mainstreet and Jordan Rd	Town of Parker	C/R	S
3/31/2020	<input type="checkbox"/>	Crown Point Fa AMD 28 L1 Parker Adventist Hospital Salt Shed	NEC of Parker Rd and E Pine Ln between Parker Rd and Cres Blvd	Town of Parker	C	A

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

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



CENTENNIAL AIRPORT
ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY

7800 South Peoria Street, Unit G1
Englewood, Colorado 80112
main: 303.790.0598
fax: 303.790.2129
www.centennialairport.com

January 2, 2020

Ms. Carolyn Parkinson
Town of Parker, Colorado Community Development Department
20120 East Mainstreet
Parker, CO 80138

Re: COMPARK VILLAGE F7 AMD 2 REPLAT; SUB16-033.

Dear Ms. Parkinson

Thank you for the opportunity to review the site plan. Based on the fact that this facility will be an assisted living facility, this would appear to be a residential use. Because of this and its location within the Restricted Development Area (RDA), the Arapahoe County Public Airport Authority opposes this development. We have the following additional comments to make:

- The proposed development lies approximately 1.46 miles from the nearest runway at Centennial Airport and within the Restricted Development Area (RDA) of the Airport Influence Area (AIA). This site will be subjected to numerous aircraft overflights and their associated effects. These effects include, but are not limited to: noise, smoke, dust, fumes and vibrations.
- Centennial Airport opposes all new residential and other noise sensitive development within the RDA. In addition, the proposed development is in close proximity to E-470 which is used as a flight path corridor for Centennial Airport aircraft departing to or arriving from the East.
- A residential 7-day noise test is recommended using single noise event levels (SEL). It is highly recommended for this proposed development, if approved, to have verified interior noise attenuation at or below 45 db.
- An aviation easement is highly recommended for development within the AIA. Book and page number of the aviation easement must be included on all plats and plans. Please forward a copy of the recorded easement to our office.
- Any objects on the site (including cranes used during construction) that penetrate a 100:1 slope from the nearest point of the nearest runway, penetrates the FAA Part 77 airspace surface, impede signals associated with navigational equipment or any other reason the FAA deems necessary will require the filing and approval of FAA Form 7460-1. This form may take 90 days or more for approval. Please visit <https://oeaaa.faa.gov> to utilize the notice criteria tool to confirm filing requirements and to file the FAA Form 7460-1. **Please note that this is a State and Federal regulatory requirement. We estimate the max allowable height to remain below the 100:1 slope at this location is 31 feet above ground level. Any object above this height will require the filing and approval of a FAA form 7460-1.** Runway endpoint data is available from the Airport for engineering calculations. In addition, please have crane operators advise the airport prior to erecting any cranes.

Please feel free to call me if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Dylan Heberlein', with a stylized, cursive script.

Dylan Heberlein
Senior Planner/Noise & Environmental

X

RDA	
LAYER_NAME	RDA
FULL_LAYER_NAME	RESTRICTED DEVELOPMENT AREA
DEFINTION	Prohibit new residential and other noise sensitive development. Building height must comply with FAR Part 77 surface criteria, existing or future, whichever is more restrictive.

**Compark Village F7 AMD 2 L1,
Assisted Living and Memory
Care Facility**

2016 55 DNL

2021 55 D



CENTENNIAL AIRPORT
ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY

7800 South Peoria Street, Unit G1
Englewood, Colorado 80112
main: 303.790.0598
fax: 303.790.2129
www.centennialairport.com

January 16, 2020

Mr. Eric Pavlinek
Douglas County Planning
100 Third Street
Castle Rock, CO 80104

Re: ZR2019-029: Inverness Filing 6, 8th Amendment, Lot 1


Dear Mr. Pavlinek,

Thank you for the opportunity to review the rezoning. Due to the extremely close proximity to the Airport, the Arapahoe County Public Airport Authority strongly opposes this development. Additionally, we have the following comments on this project:

- The proposed development lies within the Restricted Development Area (RDA) of the Airport Influence Area (AIA), and will be subjected to numerous aircraft overflights and their associated effects. These effects include, but are not limited to: noise, smoke, dust, fumes and vibrations. According to Centennial Airport Land Use Guidelines, residential development including noise sensitive uses such as schools is prohibited within the RDA.
- This development lies less than 1,500ft from the nearest runway on Centennial Airport. This is especially concerning as this development will be directly under and next to the training traffic pattern which can have constant propeller aircraft overhead at all times of the day.
- This proposed residential development also lies within the 65 DNL noise contour of Centennial Airport. The Federal Aviation Administration (FAA) deems any noise sensitive land uses such as homes, schools or places of worship proposed within the 65 DNL noise contour to be incompatible and should be prohibited.
- According to the documents provided, there is no mention of aircraft noise impacts or aviation easements for this development. The airport is also left out of the vicinity map, even though it is only just over 1,000ft from the Airport property boundary.
- Aviation Easements and Overflight Disclosers are required for noise sensitive developments within the RDA.
- Any objects on the site (including cranes used during construction) that penetrate the FAA Part 77 airspace surface, or that could impede signals associated with navigational equipment will require filing and approval of FAA Form 7460-1. Please visit <https://oeaaa.faa.gov> for more information and to file FAA Form 7460-1. **Please note that this is a State and Federal regulatory requirement. Our calculations show that a Form 7460-1 will be required for any associated development or cranes.** In addition, please have crane operators advise the airport prior to erecting the crane.

Thank you for your time and consideration. Please feel free to call me if you have any questions.

Sincerely,


Dylan Heberlein
Senior Planner/Noise & Environmental



NEWS > COLORADO NEWS • News

Denver airport ordered to pay \$33.5 million for noise violations

Court rules in long-running dispute between Adams County and DIA



A judge has ordered DIA to pay \$33.5 million to Adams County for noise violations over neighborhoods near the airport. (AP Photo/David Zalubowski)

By **JOHN AGUILAR** | jaguilar@denverpost.com | The Denver Post

PUBLISHED: June 22, 2020 at 2:49 p.m. | UPDATED: June 22, 2020 at 5:26 p.m.

9

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Adams County got just what it asked for in its lengthy fight with Denver International Airport — a judge's order that DIA pay \$33.5 million for noise violations that impacted nearby neighborhoods during a three-year period starting in 2014.

The ruling from Jefferson County District Judge Christie Bachmeyer was handed down on Friday but became public Monday. The judge concluded that DIA didn't properly monitor noise emanating from aircraft using the airport, violating an intergovernmental agreement it had with the county that goes back to the late 1980s, when the airport was built.

Adams County maintains that DIA relied on an arcane and outdated noise modeling system — rather than actual ground measurements — to gauge airport noise. Bachmeyer ruled that methodology wasn't in keeping with the agreement DIA had made with surrounding communities.

"Since Denver has not remedied the violations as required by the agreement, Denver must now make a \$500,000 payment for each of the 67 ... violations over the three-year period from 2014 through 2016 in the total amount of \$33,500,000," the judge wrote in her order.

Adams County, along with Thornton, Aurora and Brighton, [sued the airport in 2018](#) over the noise issue, which impacted long-established neighborhoods west and south of the airport. The case [went to trial in Jefferson County last fall](#).

It was the latest legal challenge over noise levels at DIA in a string of lawsuits filed against the airport dating back nearly 30 years. Denver had agreed to measure and minimize aircraft noise as part of its annexation of land in Adams County back in the 1980s for the sprawling 53-square-mile airport, the county argued at trial.

"Adams County was willing to take on the burdens of having an international airport as long those burdens were mitigated," county Commissioner Steve O'Dorisio said Monday.

O'Dorisio praised the court for handling such a complex and challenging case. Bachmeyer's ruling ran 41 pages.

"The court came down on our side after going through mountains of data and diving deep into technical details," O'Dorisio said. "Denver and Adams County work through so many issues together — this is one issue when we needed a third party to work through it."

THE DENVER POST

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Stacey Stegman, spokeswoman for DIA, said Monday that airport leaders are “disappointed in the decision and are considering next steps.” She didn’t say if that would include an appeal.

DIA has taken a combative tone regarding Adams County’s noise complaints in the past, contending that it had already given the county and its cities \$40 million in excessive noise payments, dating from the airport’s February 1995 opening through 2011. Those payments, DIA said in a filing it submitted to the court last year, were based on the airport’s same noise modeling system that was at issue in the latest trial.

Adams County and its cities were fully aware of the system DIA was using during the years they were collecting millions in noise levies, DIA asserted. Airport officials alleged that as aviation technology has advanced and planes have become quieter, the municipalities feared that money would dry up — precipitating the most recent litigation.

The issue over aircraft noise at DIA came to prominence once again this year in an unrelated case, when the [airport and Denver sued Aurora](#) to stop plans approved by that city that would [allow a developer to build single-family homes within a mile](#) of the airport’s next planned runway.

“This decision will allow housing in an area with far greater noise exposure” than in established neighborhoods around the airport, DIA said in a January news release accompanying the announcement of the lawsuit.

O’Dorisio said he hopes the relationship with DIA will be smoother going forward.

“Whatever Denver decides to do in monitoring noise in the future, the method of modeling needs to be accurate, reliable and the data needs to be accessible,” he said.