

**THE REGULAR MEETING WILL NOT BE HELD ON THIS DATE
STAY TUNED FOR NOTICE OF RESUMPTION OF MEETINGS**

**Centennial Airport Community Noise Roundtable
April 1, 2020 Meetings are Cancelled Until Further Notice**

Arapahoe Board Room, 6924 S. Lima Centennial, CO 80112

~~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/Porter Ingram	<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

~~6:30 pm – 7:00 pm – COMMITTEE MEETINGS – COMMUNITY OUTREACH, FLY QUIET, NOISE MONITORS~~

~~7:00 p.m.~~

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, February 2019
- 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 – Joseph Wolters
- C. TRACON – Steve Martin

8. OTHER REGULAR REPORTS:

- A. ARAPAHOE COUNTY PUBLIC AIRPORT AUTHORITY – March 12, 2002 Bob Doubek; Treasurer & Amy Holland, CACNR
- B. AIRPORT DIRECTOR'S REPORT – Robert Olislagers
 - 1. Airport Activity
 - 2. Legislative
 - 3. Litigation
 - 4. Master Plan
 - 5. Other
- C. METROPLEX
- D. NEXTGEN ADVISORY COMMITTEE (NAC) – Brad Pierce
- E. N.O.I.S.E. – Brad Pierce
- F. C-DOT – Todd Green

9. OLD BUSINESS:

- A. UC DAVIS AVIATION NOISE AND EMISSIONS SYMPOSIUM 2020 – March 1 – March 3, 2020, San Diego
- B. 2020 MEETING SCHEDULE FOR CACNR AND ACPAA, with CACNR REPRESENTATIVES TO ACPAA
- C. CONGRESSIONAL QUIET SKIES CAUCUS

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10. NEW BUSINESS:

A. INFORMATION SHARING

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

12. NEXT MEETINGS:

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

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

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 MARCH 27, 2020					
		CACNR 2020	ACTUAL	NOTES	
		BUDGET	TO DATE		
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	\$ 1,527.76		Melissa Coudeyras' total expenses and Alison Bigg's Early Bird Registration 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 Pilot Project with Jason Schwartz	\$ 3,000			
	SUPPORT				
	MEMBERSHIP DUES N.O.I.S.E.	\$ 1,000			
	ADMINISTRATIVE Part-time secretarial assistance prn	\$ 1,000			
	Legal	\$ 1,000			
TOTAL EXPENDITURES:		\$ 23,500	\$ 2,099.10		
BALANCE AS OF 03 27 2020:			\$24,439.99		
CARRY OVER TO 2021					To be determined at end of year
** Includes registration, travel, ground transportation, lodging, meals. Symposium is in San Diego, March 1-3, 2020					
*** Includes registration, travel, ground transportation, lodging, meals. N.O.I.S.E. conferences are held annually in conjunction with the National League of Cities. The Spring meeting is always in the Washington, DC area, and the 2020 Fall meeting will be in Tampa, Florida.					
FRAME OF REFERENCE: MOU Funding Structure adopted 12/13/2018 calls for initial funding to generate \$22,250, with \$10,000 from ACPAA and \$12,250 to come from CACNR's Regular Members. "This funding would be in place for the next two years, subject to annual appropriations. Thereafter, CACNR will provide ACPAA and each Regular Member with a report on the previous year's expenditures, and an annual invoice accompanied by aproposed budget indicating how the requested funds would be utilized, so that funds could be appropriated for the coming year."					

2020 CACNR COMMITTEE APPOINTMENTS – as of March 24, 2020

COMMUNITY OUTREACH:

Melissa Coudeyras, Chair Lauren Pulver, Work Plan Committee Liaison
Mike Anderson
Jennifer Drybread
Amy Holland
Kevin Rants
Maureen Shul
Joseph Berger

EXECUTIVE COMMITTEE:

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

FLY QUIET:

Don Kuskie, Chair Brad Pierce, Work Plan Committee Liaison
Karen Blilie
Kathleen Conti
Robert Doubek
Dave Goddard
Mike Straka
Bill Wasmund
Bill Skinner

NOISE MONITORS:

Bette Todd, Chair Alison Biggs, Work Plan Committee Liaison
Mark Adams Rachel Keller, ACPAA Staff
Tom Dougherty
Dave Goddard
John Hirshman
Candace Moon
Paul Krier
Andrea Suhaka

WORK PLAN:

Alison Biggs, Chair
Lauren Pulver
Robert Olislagers
Brad Pierce

Committee Assignments Needed:

Al Blum (CHV)
Jason Gray (CR)
Abe Laydon (DC)
Afshin Safavi (CHV)
Don Sheehan (Centennial)
Pam Thompson (Foxfield)
James Townsend (CR)

STUDY GROUP:

Brad Pierce, Chair
Alison Biggs
Andrea Suhaka
Melissa Coudeyras

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



Centennial Airport Monthly Noise Report



February 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.

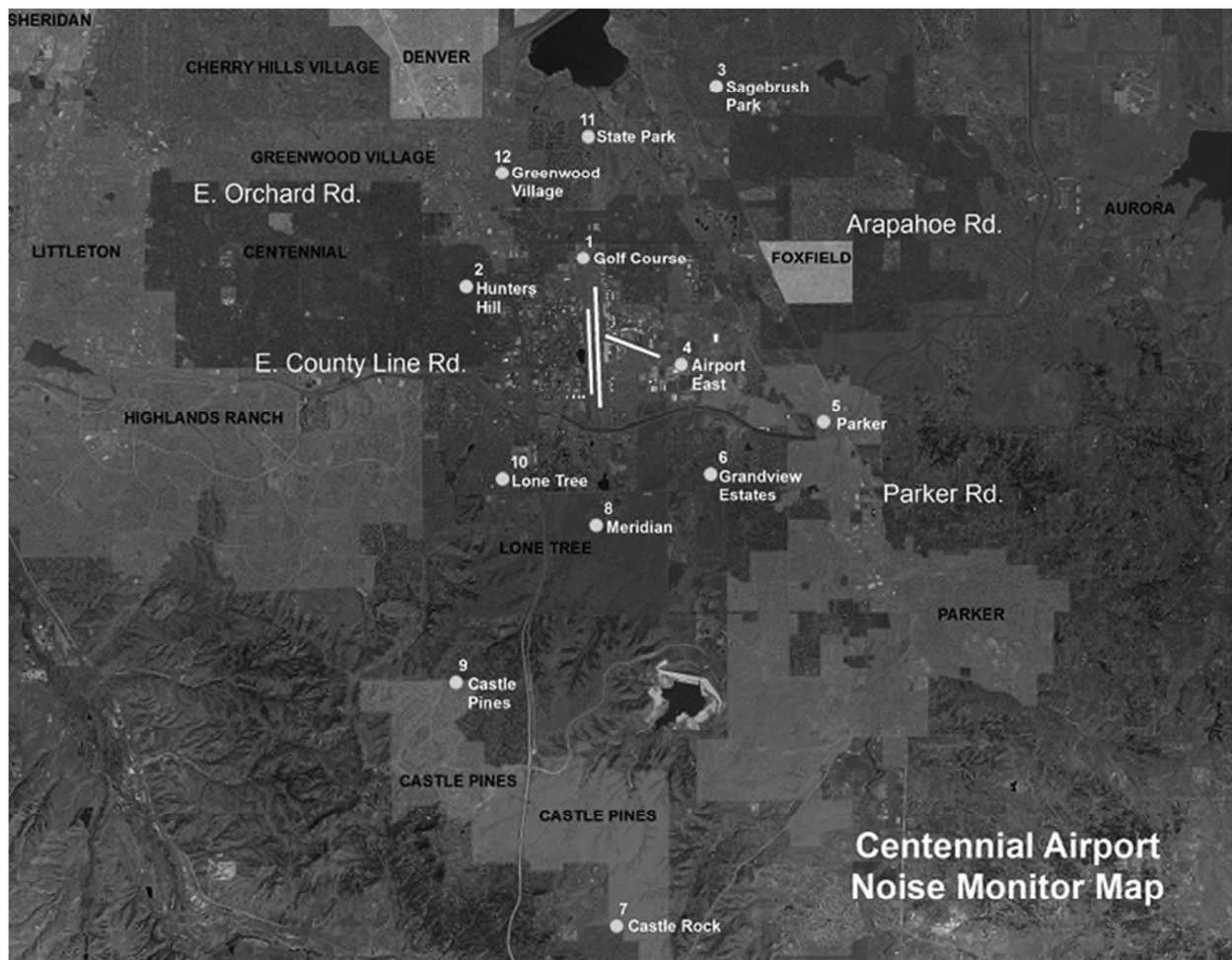
Visual Flight Rules (VFR) – A set of regulations under which a pilot operates an aircraft in weather conditions generally clear enough to allow the pilot to see where the aircraft is going. A flight plan is not required when the pilot is operating under Visual Flight Rules.

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				0				0			0
April				0				0			0
May				0				0			0
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	4,538	6,295	282	11,115	912	14,682	215	15,809	24,769	113	24,882

	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				0				0	March	
April				0				0	April	
May				0				0	May	
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	9	17	2	28	150	656	8	814	Y-T-D Totals	52,648

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

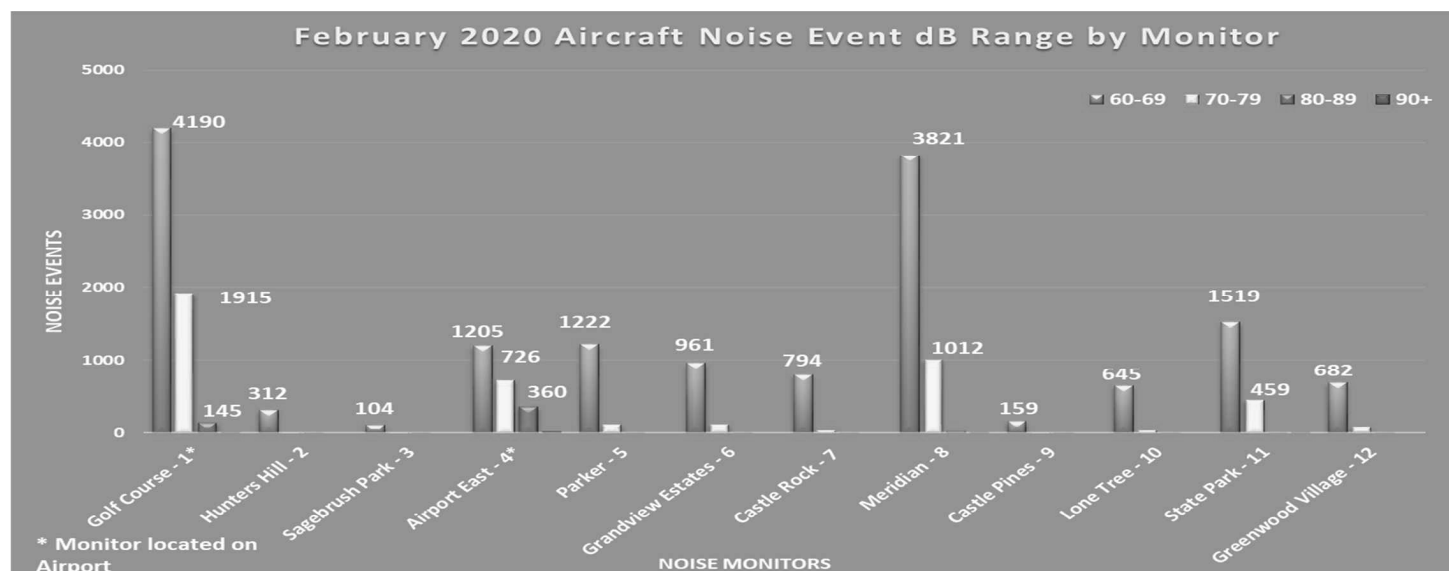
The following data displays the amount and associated decibel level of aircraft noise events at a given monitor. An aircraft noise event must contain the following characteristics:

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.

February 2020 Aircraft Noise Event Decibel Range By Monitor					
Monitor	60-69	70-79	80-89	90+	Totals
Golf Course - 1*	4190	1915	145	14	6264
Hunters Hill - 2	312	15	1	0	328
Sagebrush Park - 3	104	8	1	0	113
Airport East - 4*	1205	726	360	31	2322
Parker - 5	1222	121	3	0	1346
Grandview Estates - 6	961	123	3	0	1087
Castle Rock - 7	794	49	11	0	854
Meridian - 8	3821	10	12	33	4870
Castle Pines - 9	159	9	2	0	170
Lone Tree - 10	645	42	2	0	689
State Park - 11	1519	459	6	2	1986
Greenwood Village - 12	682	91	3	0	776
Totals	15614	4570	570	51	20805

*Monitor located on Airport



7 FEBRUARY 2020 NOISE COMPLAINTS

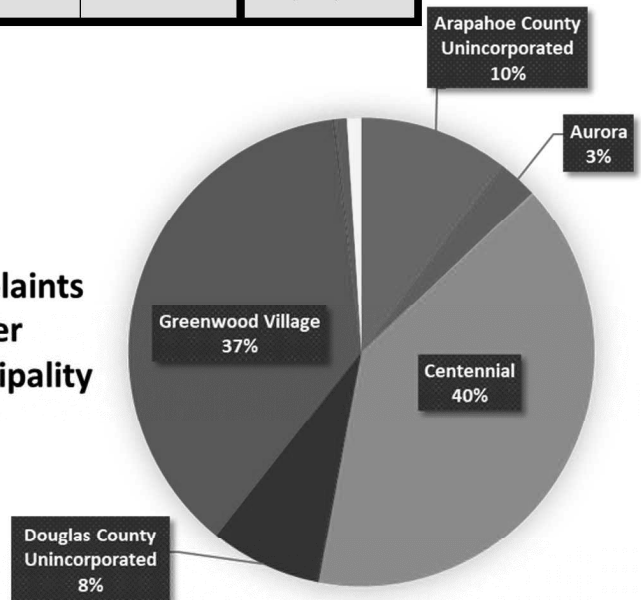
In February, Centennial Airport received 695 complaints from 29 households.

February Noise Complaints			YTD		Population
Municipality	Complaints	Households	Complaints	Households	Census 2018
Arapahoe County Unincorporated	72	7	151	13	83,764
Aurora	19	2	56	2	374,114
Castle Pines	1	1	2	2	10,507
Castle Rock	0	0	0	0	64,827
Centennial	276	1	498	2	110,831
Cherry Hills Village	0	0	1	1	6,650
Denver	1	1	1	1	716,492
Douglas County Unincorporated	53	4	138	6	100,536*
Greenwood Village	259	9	515	16	15,801
Highlands Ranch	0	0	1	1	105,264
Lone Tree	1	1	9	4	14,653
Parker	7	1	58	3	55,636
Other	6	2	16	3	UNK
Total	695	29	1446	54	1,659,075

*Douglas County Unincorporated Population with Highlands Ranch Removed

Noise Complaints Response Requested	
Email	8
Phone	5
Total	13

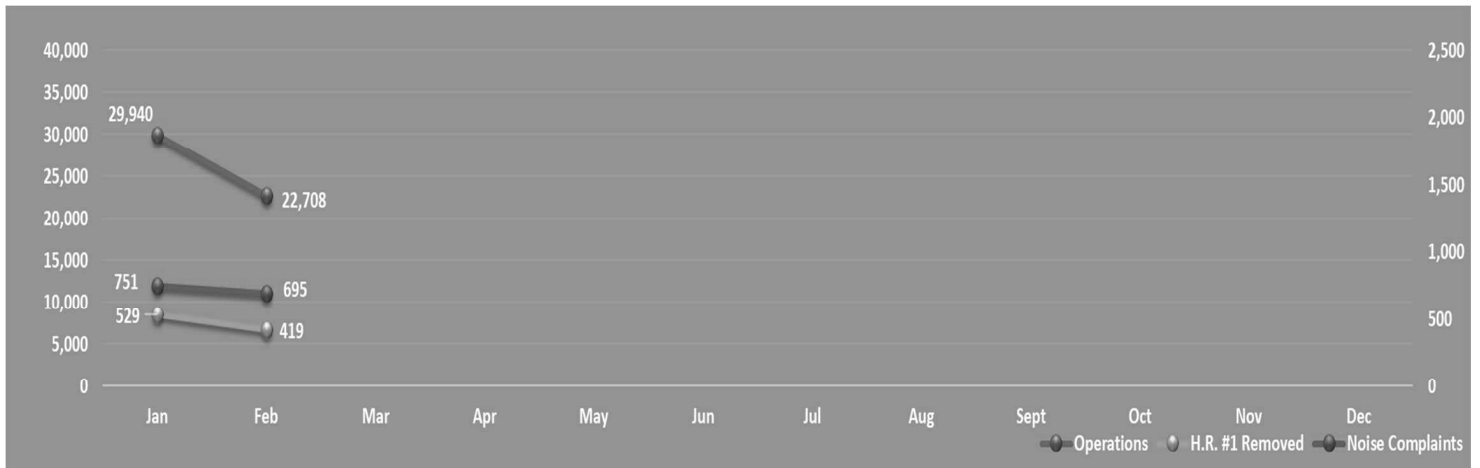
Complaints per Municipality



Time Complaint Received	Jan	Feb
Day Hours (7:00 am - 9:59pm)	681	656
Night Hours (10:00 pm - 6:59 am)	58	39
TOTAL	751*	695

*Retroactively received 12 additional complaints from Greenwood Village in January

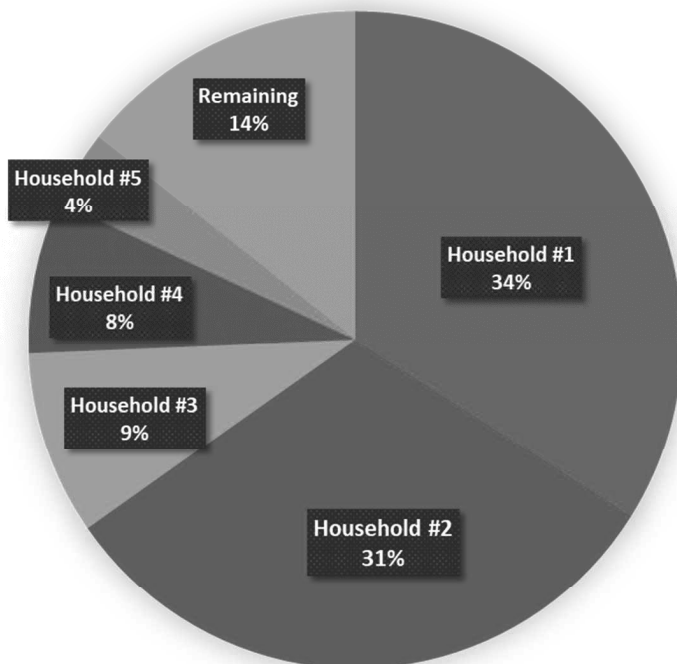
Current 12 Month Trend



Previous Year 13 Month Trend



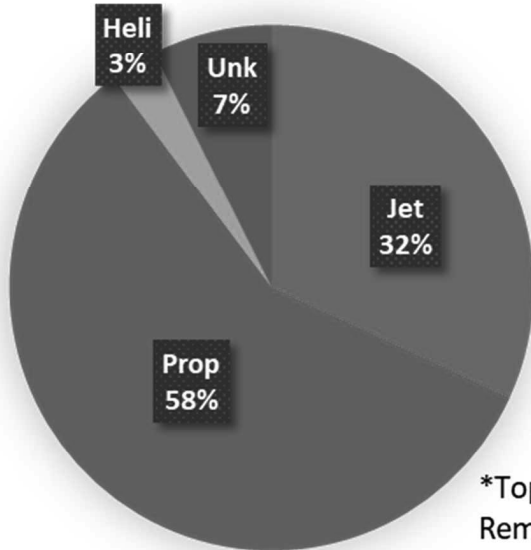
Top 5 Household Complaints YTD



Top 5 Household Complaints YTD

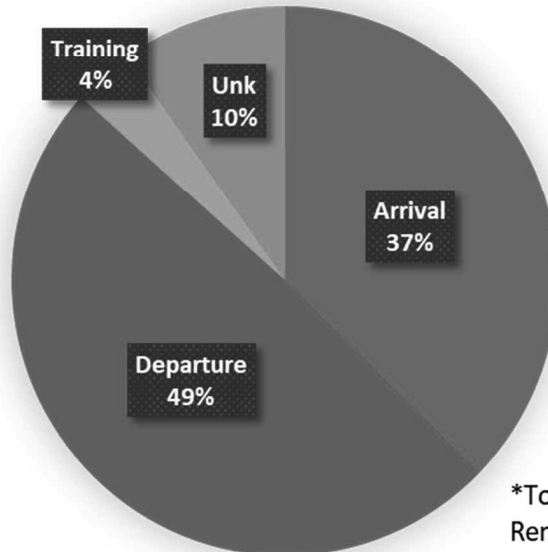
Household	Complaints	Households
Household #1	492	Centennial
Household #2	452	Greenwood Village
Household #3	131	Douglas County Unincorporated
Household #4	109	Arapahoe County Unincorporated
Household #5	54	Parker
Remaining	208	
Total	1446	

Complaints by Aircraft Type



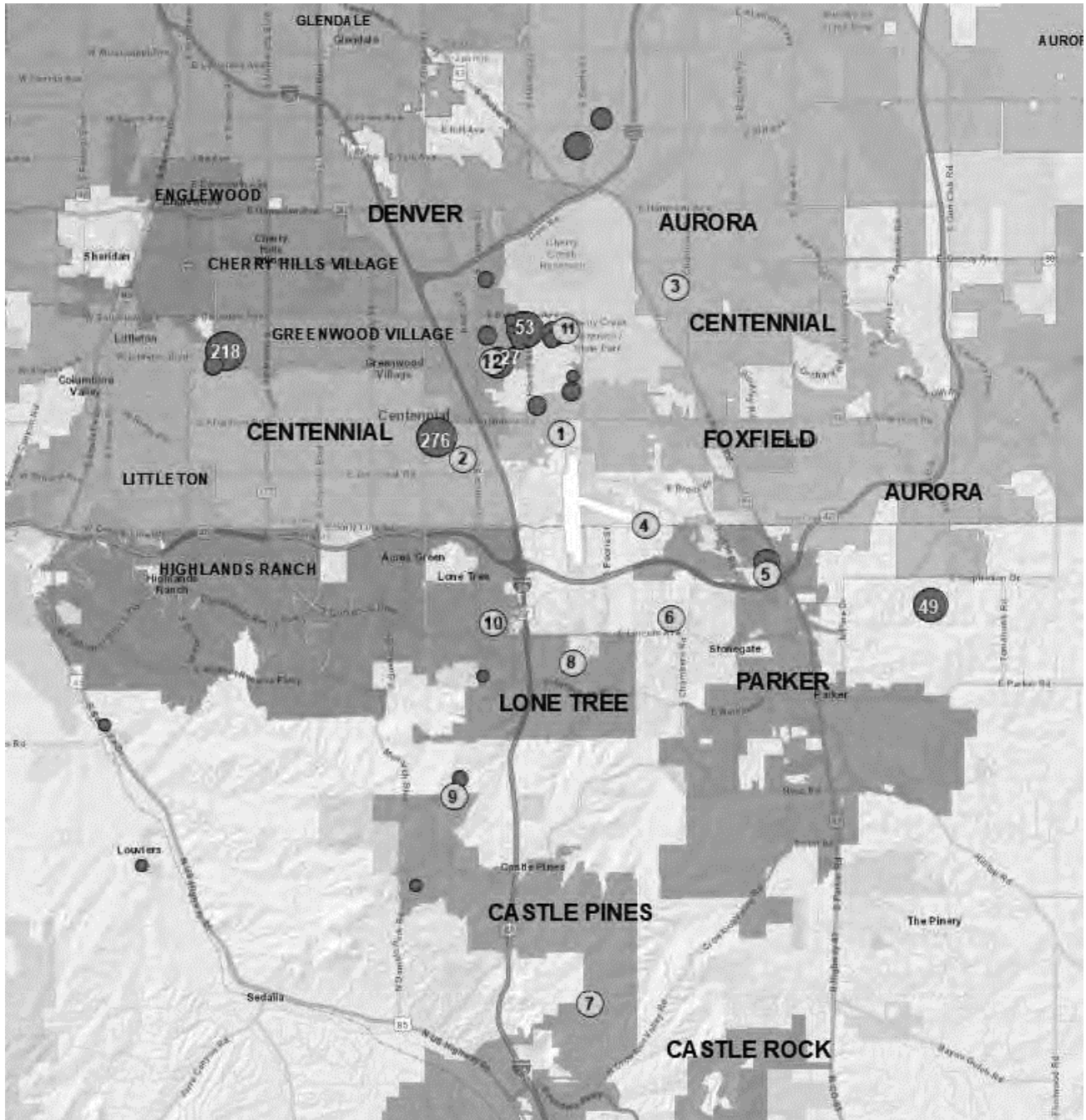
*Top Household
Removed

Complaints by Operation Type



*Top Household
Removed

8 COMPLAINT MAP



February 2020 Complaints

MAP LEGEND:

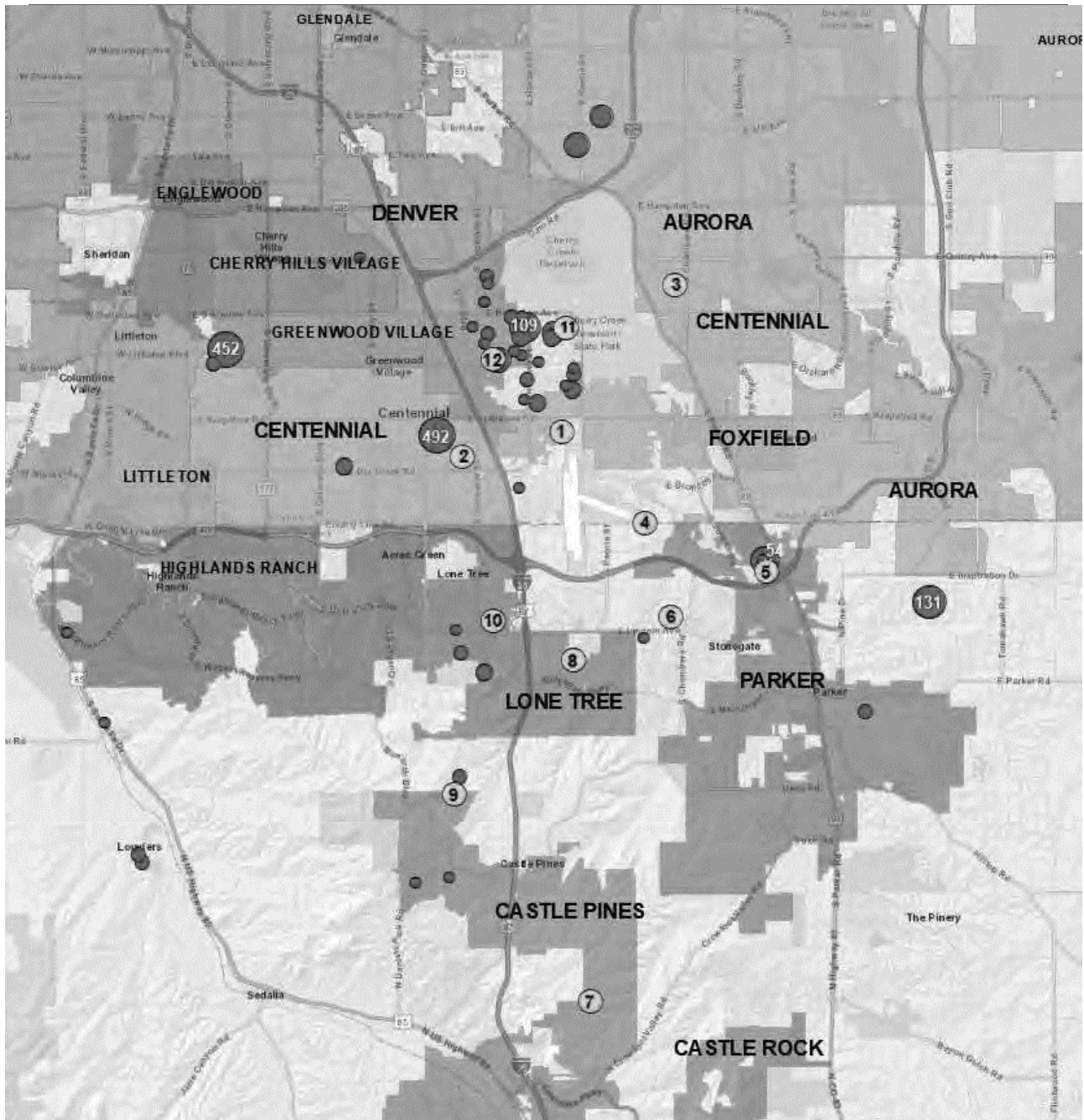
*3 households are located outside the map area

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:

*4 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.

January 2020 Flight Tracks into Centennial Airport



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@aviationcompatibiity.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 _____

Centennial Airport Community Noise Roundtable Update

To: ACPAA Board

From: Amy M. Holland, CACNR Town of Parker Representative

Date: 03/05/2020

Re: Update on Centennial Airport Community Noise Roundtable Activities to the Arapahoe County Public Airport Authority Board of Commissioners

I am pleased to provide the following summary of the Centennial Airport Community Noise Roundtable meeting that was held on March 4, 2020:

- **Community Outreach Committee: Website Update**
The Community Outreach Committee received valuable recommendations from Roundtable members in relation to the website upgrade. CobWeb Creations will implement these recommendations for the Community Outreach Committee to review and present to the Roundtable during the next meeting scheduled for April 1, 2020. The goal of the Community Outreach Committee is to have the website completed and approved by the Roundtable during the April 2020 meeting.
- **UC Davis Aviation Noise and Emissions Symposium 2020, March 1-3, 2020, San Diego, CA**
Several CACNR representatives attended the UC Davis Symposium; they will submit a formal report to the Roundtable during the April 1, 2020 meeting.
- **NextGen Advisory Committee (NAC) Meeting, April 17, 2020, Washington DC**
The NextGen Advisory Committee meeting will be held near Washington DC in McLean, VA April 17, 2020. CACNR Chairman Brad Pierce will attend the meeting.
- **N.O.I.S.E. Meeting, March 9, 2020, Washington DC**
The N.O.I.S.E. meeting will be held in Washington DC in conjunction with the National League of Cities Congressional City Conference. Members from the CACNR, including Chair Brad Pierce, are planning on attending and will submit a formal report upon their return.
- **Election OF CACNR Officers**
The Roundtable re-elected the current CACNR Officers:
Chair: Brad Pierce (City of Aurora) **Vice Chair:** Melissa Coudeyras (City of Castle Pines)
Treasurer: Tom Dougherty (Greenwood Village) **Secretary:** Alison Biggs (Douglas County)
- **Next CACNR Meeting**
April 1, 2020 at 6:30 p.m.
Arapahoe Board Room, 6924 S. Lima, Centennial 80112

This concludes my report of the Centennial Airport Community Noise Roundtable March 4, 2020 meeting to the ACPAA Board.

Respectfully,

Amy M. Holland, Town of Parker Representative
Centennial Airport Community Noise Roundtable

Director's Report—

In these extraordinary times, I hope this report finds you and your loved ones doing well. As you already know, there will be no April Noise Roundtable meeting; however, Rachel felt it was important enough to nevertheless give you a monthly report. The airport authority also cancelled the April Board meeting but will convene again in May, possible in a virtual format.

The airport is currently experiencing a nearly 80% drop in activity as corporate and charter flight departments have virtually shut down for the next several weeks. While the airport is considered a “critical business” pursuant the Governor’s Executive Order D 2020-17, most activity has come to a halt.

President Trump signed a two trillion-dollar stimulus bill on March 27th to counteract the economic fallout of the Coronavirus/COVID-19/SARS-CoV-2 pandemic. Airlines and airports are among the hardest hit industry sectors, but it remains to be seen how funds will be appropriated. Small businesses and individuals and families will also see benefit from the bill.

Finally, the Denver Metroplex went into effect on March 26th; however, with the COVID-19 virus affecting the industry, air traffic is down significantly from normal so the initial rollout will be less impactful. Centennial Airport filed a Petition for Review with the DC Circuit Court of Appeals on March 20th and was joined by co-petitioners Gilpin County, Greenwood Village, and Mountain Aviation, an air charter firm. Arapahoe County filed separately; however, it is anticipated that the suits will eventually be consolidated into one. Petitioners will be required to report back to the Court by April 23rd and outline the issues to be raised.

Thank you.

Robert

From: Rachel Keller
To: Alison Biggs; Andrea Suhaka; Bette Todd; Brad Pierce; Bryce Matthews; Candace Moon; Chuck Lawson; Dave Goddard; Dennis Fria; Doug Tisdale; Harold Anderson -; Heather Vidlock; jahirshman@gmail.com; Jennifer Drybread; Jennifer Houlne; Kandice Krull; Karen Blilie; Maureen Shul; Michael Fronapfel; Porter Ingram; Randi Gallivan; Rex Lucas; Robert Doubek; Robert Olislagers; Ryan Sarni; ssquver@comcast.net; Todd Green; Dylan Heberlein; jhartig@douglas.co.us; melissa.coudeyras@castlepinesgov.com; kconti@arapahoegov.com; rweil@cherryhillsvillage.com; aaron.repp@gmail.com; rmcgee@parkeronline.org; ben.price@castlepinesgov.com; aholland@mars-llc.com; Jonathan.Vavra-Fong@faa.gov; Diana.Hanley@FAA.gov; ronald.l.curry@faa.gov; Koiv-Haus, Liia; tdougherty@greenwoodvillage.com; krider@douglas.co.us; bill.wasmund@gmail.com; mstraka@mycaba.org; gardner_k@netzero.com; Gina Conley; mike.anderson@cityoflonetree.com; Jolene Nagle; mhalstead@arapahoegov.com; ablum@cherryhillsvillage.com; asafavi@cherryhillsvillage.com; alaydon@douglas.co.us; kbrown@cherryhillsvillage.com; dkuskie@modern-aviation.com; citycouncil@auroragov.org; bskinner@arapahoegov.com; john.s.baldyga@faa.gov; khancock@auroragov.org; bill.dunn@faa.gov; steve.martin@faa.gov; jgray@crgov.com; sutherlandmichael@comcast.net; joeberger@performancesw.com; jtownsend@crgov.com; Rachel Keller; John.Sweeney@faa.gov; John.Bauer@faa.gov; paulkrier@comcast.net; lpulver@douglas.co.us; pthompson@townoffoxfield.com; a2const@hotmail.com; kevin.rants@castlepinesco.org; Wolters, Joseph (FAA)
Subject: Denver Metroplex Filing
Date: Friday, March 20, 2020 5:56:00 PM
Attachments: image001.png

Dear Roundtable Members,

Today, the Arapahoe County Public Airport Authority, as owner and operator of Centennial Airport filed a Petition for Review regarding the Denver Metroplex in the District of Columbia Circuit Court of Appeals. Co-petitioners include Greenwood Village, Gilpin County and Mountain Aviation, a charter firm that operates at a number of airports including Centennial Airport and Rocky Mountain Regional Airport. Arapahoe and Douglas County appear to be filing separately, possibly in the 10th Circuit Court of Appeals here in Denver.

We will provide you with more information as it becomes available.

Thank you,

Rachel Keller

Noise & Planning Specialist

For inquiries with Denver Metroplex: <http://www.centennialairport.com/index.php/en-us/noise/kapa-and-metroplex>

For more questions about aircraft noise: <http://bit.ly/KAPnoiseFAQs>



Arapahoe County Public Airport Authority

7800 S. Peoria Street, Box G-1
Englewood, Colorado 80112

Office: 303-218-2923

Cell: 720-384-9464

Email: rkeller@centennialairport.com

From: Rachel Keller
To: Alison Biggs; Andrea Suhaka; Bette Todd; Brad Pierce; Bryce Matthews; Candace Moon; Chuck Lawson; Dave Goddard; Dennis Fria; Doug Tisdale; Harold Anderson -; Heather Vidlock; jahirshman@gmail.com; Jennifer Drybread; Jennifer Houlne; Kandice Krull; Karen Blilie; Maureen Shul; Michael Fronapfel; Porter Ingram; Randi Gallivan; Rex Lucas; Robert Doubek; Robert Olislagers; Ryan Sarni; ssquyer@comcast.net; Todd Green; Dylan Heberlein; jhartig@douglas.co.us; melissa.coudeyras@castlepinesgov.com; kconti@arapahoegov.com; rweil@cherryhillsvillage.com; aaron.repp@gmail.com; rmcgee@parkeronline.org; ben.price@castlepinesgov.com; aholland@mars-llc.com; Jonathan.Vavra-Fong@faa.gov; Diana.Hanley@FAA.gov; ronald.l.curry@faa.gov; Koiv-Haus, Liia; tdougherty@greenwoodvillage.com; krider@douglas.co.us; bill.wasmund@gmail.com; mstraka@mycaba.org; gardner_k@netzero.com; Gina Conley; mike.anderson@cityoflonetree.com; Jolene Nagle; mhalstead@arapahoegov.com; ablum@cherryhillsvillage.com; asafavi@cherryhillsvillage.com; alaydon@douglas.co.us; kbrown@cherryhillsvillage.com; pthompson@townoffoxfield.com; dkuskie@modern-aviation.com; citycouncil@auroragov.org; bskinner@arapahoegov.com; john.s.baldyga@faa.gov; khancock@auroragov.org; bill.dunn@faa.gov; steve.martin@faa.gov; jgray@crgov.com; sutherlandmichael@comcast.net; joeberger@performancesw.com; jtowndsend@crgov.com; John.Sweeney@faa.gov; John.Bauer@faa.gov; paulkrier@comcast.net; lpulver@douglas.co.us; a2const@hotmail.com; kevin.rants@castlepinesco.org; Wolters, Joseph (FAA)
Subject: Denver Metroplex
Date: Wednesday, March 25, 2020 5:22:00 PM
Attachments: image001.png

Dear Roundtable Members,

Please see the links below for the press release the FAA has issued regarding the implementation of Denver Metroplex tomorrow:

Hello,

As you know, the Federal Aviation Administration (FAA) will begin implementing the Denver Metroplex procedures tomorrow and we wanted to provide you an advance notification on some materials that will be publicly available and may be a resource for your office. The FAA will be issuing a press release at 10am PDT/1pm EDT and posting the attached fact sheet on our website.

The implementation of the Denver Metroplex comes after the FAA held 24 public workshops and conducted approximately 78 briefings for community groups, airport officials and local, state and federal officials. I will follow-up with the press release and website link after it is posted so you can easily share with constituents to answer any questions.

Our government affairs office at FAA Headquarters also shared this with your DC staff.

As mentioned, here is the press release link
<https://www.faa.gov/news/updates/?newsId=95271>

The web link information will be available at 4:00 pm
Eastern at
https://www.faa.gov/air_traffic/community_involvement/den/

Regards,

*Leslie Lardie
Senior Advisor
Office of the Regional Administrator
Northwest Mountain Region*

Thank you,

Rachel Keller
Noise & Planning Specialist

For inquiries with Denver Metroplex:
<http://www.centennialairport.com/index.php/en-us/noise/kapa-and-metroplex>

For more questions about aircraft noise:
<http://bit.ly/KAPAnoiseFAQs>



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Englewood, Colorado 80112

Office: 303-218-2923
Cell: 720-384-9464
Email: rkeller@centennialairport.com



**Federal Aviation
Administration**

FAA to Implement Denver Metroplex Project This Week

Search:

News type:



The Federal Aviation Administration (FAA) is implementing the [Denver Metroplex project](#) on March 26, 2020.

The comprehensive project will use satellite navigation to move air traffic more safely and efficiently through the area. It includes 29 new routes and modifications to 15 existing routes.

Community involvement was a critical part of the project's environmental process. Prior to issuing the [Final Environmental Assessment \(EA\)](#), the FAA held a total of [24 public workshops](#) and conducted approximately 78 briefings for community groups, airport officials and local, state and federal officials. The agency also evaluated more than 1,800 public comments.

After the FAA implements the new procedures, some flight track dispersion will continue to occur as it does today. Additionally, air traffic controllers will continue to sometimes vector aircraft for safety or efficiency reasons or to reroute them around weather systems.

The FAA completed the environmental process and issued the [Finding of No Significant Impact-Record of Decision](#) for the Denver Metroplex project on Jan. 24, 2020.

Page last modified: March 25, 2020 12:22:39 PM EDT

This page was originally published at: <https://www.faa.gov/news/updates/?newsId=95271>

The FAA’s New Flight Paths Around The Denver Metro Kick In Thursday, But Not Without Criticism



By Nathaniel Minor
March 25, 2020

SHARE:



David Zalubowski/AP Photo

Frontier Airlines jetliners sit at gates on the A concourse at Denver International Airport in May 2017.

Air traffic over the Denver area — what remains after [coronavirus-caused cancellations](#) anyway — will change significantly Thursday.

The Federal Aviation Administration’s controversial [Denver Metroplex Project](#), which redrew flight paths in and out of Denver International Airport and nearby smaller airports, will kick in on March 26.

"The comprehensive project will use satellite navigation to move air traffic more safely and efficiently through the area," the FAA said [in a news release](#).

A spokesman declined to comment because CPR News wouldn't send questions ahead of an interview.

The new routes mean that planes will be heard and seen in new places, while other areas will have less air traffic than they're used to. The FAA gave its [final sign-off for the plan in January](#), concluding the new routes would have "no significant impacts."

But the new routes have caused controversy in some corners of the metro and outlying areas. Officials at the Centennial Airport [have argued](#) that it could move hundreds of flights there over nearby suburbs at low altitude. And residents in Gilpin County, west of Denver, are upset over a new path that will shift flights that used to travel over Boulder south to their skies.

"We moved up here for the serenity and beauty of the mountains," Gilpin County Commissioner Gail Watson said. "And so to have that under attack is very concerning to many of our residents."

The FAA didn't hold any public meetings there, Watson said, though she added that FAA Administrator Stephen Dickson did come to Denver to meet with elected officials earlier this month.

"He did indicate there's an ability to fine-tune it as we move forward," she said. "But the concern is obviously that whatever they do in one area impacts another."

Last week, Gilpin County, the Centennial Airport, the city of Greenwood Village and Broomfield-based Mountain Aviation [filed a petition](#) with the U.S. Court of Appeals in Washington, D.C., asking the court to review the FAA's plans.

The new routes are part of [a long-planned program](#) meant to minimize wasted fuel and increase efficiency. By using satellite location, the FAA can set flight paths that are more narrow, predictable and at lower altitudes, [the New York Times reported](#) last November.

That's ticked off the people who live under those new paths. Residents in a handful of cities like Boston and San Francisco have sued the FAA, the Times reported.



LEGISLATIVE SUMMIT

Welcome to the 2020 N.O.I.S.E. Legislative Summit! This is a premier opportunity for local government officials and other noise mitigation stakeholders to interact directly with leading aviation officials, researchers, and mitigation experts to gain knowledge and information that will directly benefit their communities.

Monday, March 9, 2020
Marriott Wardman Park
Taylor room
2660 Woodley Road NW,
Washington, DC 20008
Emily Tranter Cell: (202) 378-7147

12:30 PM

WELCOME AND OPENING REMARKS

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

12:45 PM

UPDATE FROM THE FEDERAL AVIATION ADMINISTRATION

Beth White, Senior Strategist for Public and Industry Engagement
Air Traffic Organization, Federal Aviation Administration

1:30 PM

ASCENT –FAA CENTER OF EXCELLENCE PROJECT UPDATE

Ambrose Clay, N.O.I.S.E. 2nd Vice President, ASCENT Advisory Committee Member
Dave Carbone, LGN Senior Consultant, ASCENT Advisory Committee Member

2:00 PM

COMMUNITY SPOTLIGHT- CITY OF MINNEAPOLIS, MN

Loren Olson, Government Relations Representative, City of Minneapolis

2:15 PM

FEDERAL LEGISLATIVE AND POLICY UPDATE //OPEN COMMUNITY DISCUSSION

Emily Tranter, N.O.I.S.E. Executive Director

3:00 PM

ADJOURN

5:00-6:00 PM

N.O.I.S.E. RECEPTION

Please join us for a reception and conversations with N.O.I.S.E. staff and stakeholders in **The Truman Room** at the Marriott Wardman Park!

Top Takeaways from the UC Davis ANE Conference 2020

Melissa Coudeyras

FAA and Environmental Reviews:

Effective Engagement and Consultation on Airspace Change-Gordon Ferguson, Heathrow

UK just judicially reviewed expansion and decided against it due to climate change.

Cannot change airspace without consulting public. Engage not consult. Comp-Air-route comparison tool allows residents to put in their address and see when their home will be overflown.

Successful Community Engagement-John Stewart, Heathrow Association for the Control of Aircraft (HACAN)

Big difference between engagement from 2000 to 2020. Heathrow took the trouble to understand the community concerns and act upon them when they could. Communities not only asked for suggestions but helped shape events. Heathrow has drawn in other sectors of the aviation industry to engage with communities. For success: Airport must gain a real understanding of community concerns and community groups must understand that the airport's prime purpose is to run a successful business and not act as an arm of the social services.

Aircraft Operation Strategies for Reducing Noise and Emissions Impacts

United Airlines- Newer and quieter aircraft today. Aggressive community outreach in 2020. Vortex generators on Airbus 319 and 320 to reduce whistling. Millions invested to retrofit aircraft. 35% completed.

Delta- Fleet technology looking at fuel savings and maintenance expense, quieter airplanes is just a bonus. Noise not a priority. Swapping louder planes for quieter ones in highly populated airport areas—John Wayne airport. A220 is much quieter than older MD88. Committing \$1 billion to reduce emissions worldwide. Also, carbon reduction.

Green Renaissance in General Aviation

Electric Aircraft and solar airports- Scott Burgess, Eco-Aviation Foundation.

Biggest impediment to new tech is the FAA's inability to fast track new technologies. Greed will drive research- lower prices. George Bye-Bye aviation electric plane, no noise at 500ft. Hybrid electric jets, better battery technologies with less weight. More airline systems are becoming electrified to reduce carbon footprint.

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 Rachel)</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		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

[illegible]

ROSTER – CENTENNIAL AIRPORT COMMUNITY NOISE ROUNDTABLE

**The officers serve as an Executive Committee as needed. Work Plan Committee members serve as liaisons: L Koiv-Haus to Community Outreach; ?? to Noise Monitors; B Pierce to Fly Quiet

<u>EMAIL ADDRESS</u>	<u>PREFERRED TELEPHONE</u>	<u>OTHER (cell, home, etc.)</u>	<u>COMMITTEE(S)**</u>
<u>ARAPAHOE COUNTY:</u>			
Kathleen Conti kconti@arapahoegov.com	303-795-4285	303-795-4630;303-507-5170 (c)	Fly Quiet
Bill Skinner wskinner@arapahoegov.com	720-874-6651	720-271-0375	Fly Quiet
Paul Krier paulkrier@comcast.net	719-338-9525 (c)	720-350-4740	
Joseph Berger joeberger@performancesw.com	720-560-1048		Community Outreach
<u>DOUGLAS COUNTY:</u>			
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Lauren Pulver lpulver@douglas.co.us	303-814-4357	303-660-7460	
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