

Centennial Airport Community Noise Roundtable (CACNR) 2015 Work Program Action Plan

Approved April 1, 2015

2015 CACNR MEMBERSHIP

Arapahoe County
Douglas County
City of Aurora
City of Castle Pines
Town of Castle Rock
City of Centennial
City of Cherry Hills Village
Town of Foxfield
City of Greenwood Village
City of Lone Tree
Town of Parker

Aircraft Owners and Pilots Association
Arapahoe County Public Airport Authority
Colorado Aviation Business Association
Colorado Department of Transportation
Aeronautics Division
FAA Centennial Airport Control Tower
FAA District Office
FAA TRACON

VISION: Quieter Skies for Our Communities

MISSION: Utilizing Partnerships to Reduce Airport Noise for the Benefit of Neighboring Communities

VALUES: In order to develop successful community partnerships, CACNR Members and Representatives value and adhere to the following:

RESPECT

- Mutual respect for all opinions, questions and responses
- Non-judgmental reaction and response to views expressed
- Listening with intention
- Value for the diverse view and perspectives of all Members and Representatives
- Trust of one another

ETHICS

- Honesty
- Keeping commitments
- Refrain from gossip
- No hidden agendas

COMMITMENT TO

- Attendance and participation
- The shared CACNR Vision and Mission Statements
- Team effort

- Continual learning and education
- Sharing of ideas
- An open environment conducive to development and mutual support of common goals
- Transparency of activities and information
- Resolution of conflicts and differences
- The entire community

ACCOUNTABILITY

- To one another
- To our represented communities and constituents
- For the dissemination of information among ourselves, the ACPAA Board, our represented communities, constituents, and other stakeholders

INNOVATION

- Foster an environment which encourages creative thought and implementation
- Seek solutions outside our comfort zone
- Remain persistent and persevere in achieving the CACNR Vision and Mission

The Mission, Vision, and Values of the Centennial Airport Community Noise Roundtable are implemented, in part, through the efforts of its committees, as described on the following pages.

2015 Community Outreach Committee Work Program Action Items

1. Develop and implement a Community Outreach Plan.
 - a. Develop content and objectives for outreach, including brochures and newsletters.
 - b. Provide information regarding the noise hot line to the public.
2. Continue to update and improve the CACNR website materials and functionality.
 - a. Include Fly Quiet information on the CACNR website.
 - b. Include information that supports public awareness of significant issues including:
 - i. aircraft overflight and noise impacts in neighborhoods and future development areas,
 - ii. the Airport's plans and projections for operations and facilities growth, and
 - iii. sound mitigation techniques in residential construction
 - c. Continue to provide opportunities for public comment and input at meetings, as stated in the CACNR Bylaws.
3. Identify and share CACNR progress and success with the community and other interested parties.
4. Coordinate outreach efforts between CACNR and Airport staff.
5. Follow up noise complaints with an email or other response that includes a link to the CACNR website.

2015 Fly Quiet Committee Work Program Action Items

2015-16 PRIORITY ACTION ITEMS

1. Develop a program to effectively reach pilots not based at Centennial Airport for fly quiet information (potentially to include such items as WhisperTrack).
2. Develop and implement incentives for voluntary use of Fly Quiet Procedures.
3. Dialogue with flight schools and flying clubs with a focus on fly quiet techniques and other good neighbor practices.
4. Require noise abatement as a mandatory part of training at Centennial Airport.
5. Work with helicopter operators to utilize established routes, including to and from fueling stations and to encourage climbs and descents on Airport property when possible.
6. Review and update elements of the Fly Quiet Program, identified in the adopted 2013 Work Program, as determined necessary.

LONGER TERM ACTION ITEMS

1. Reduce night-time noise events between 10 p.m. and 7 a.m. through:
 - a. establishment of a voluntary operations curfew, including night-time training traffic and helicopter operations;
 - b. development of voluntary late night departure procedures; and
 - c. development of other measures as determined appropriate.
2. Identify noisy general aviation aircraft types and work with operators of these aircraft to develop and implement Fly Quiet procedures noise abatement education campaign.
3. Explore use of penalties and incentives.
4. Investigate implementation of a night time fee structure, based on weight, if flying between 11 p.m. and 7 a.m.
5. Consider investigation other locations for training over less populated areas and encourage their use. This can be explored with Flight Schools.
6. Develop a "letter of commitment" to use Fly Quiet Procedures and seek its approval and implementation by based-aircraft owners, pilots, flight schools, flying club members, and support personnel.

Noise Monitor Committee 2015 Work Program Action Items

2015-16 PRIORITY ACTION ITEMS

In consultation with the Roundtable and Centennial Airport Noise Office:

1. Develop noise reports on monthly, quarterly, and annual basis for provision to the Roundtable, community, member jurisdictions, and others as appropriate.

Examples of information for possible inclusion in the noise reports: Number of operations; number, percentage and directions of arrivals and departures, and types of flight operations including itinerant,

touch and go, helicopter, late night, day time, VFR/IFR; number of operations; noise events at each monitor; and flight track data for subcategories of aircraft, arrivals departures., etc.

2. Determine appropriate criteria for development and presentation of data, information and analysis.
3. Develop a method to correlate noise complaints as documented by complaint and/or noise monitor data to aircraft operation types [VFR, IFR, itinerant and touch-and-go], flight tracks, and altitude for reporting to Roundtable and others as appropriate. Identify and account for complaints about Denver International Airport (DIA) traffic versus noise complaints from Centennial traffic as part of this process.
4. Develop criteria for determining which noise events warrant further investigation and analysis.
5. Develop a method to determine the impact of north, northwest, south, southwest, and late night arrivals and departures on neighboring communities for reporting to Roundtable and others as appropriate.
6. Investigate specific causes and times of both daytime and late night aircraft noise and report to Roundtable and others as appropriate.
7. Investigate speed and altitude control over the ILS including RNAV procedures for reporting to Roundtable and others as appropriate.
8. Develop flight track maps as needed to demonstrate frequency and location of overflights and which depict residential density and non-residential uses, etc.
9. Identify and establish “gates” (delineated airspace) of interest and collect and correlate data related to flight paths, noise, complaints, altitude, and other characteristics, and report to Roundtable and others as appropriate.
10. Work with the Fly Quiet Committee to develop reports and information to improve the Fly Quiet Program.
11. Analyze helicopter routes and flight tracks and determine percent of compliance, noise complaints, and effectiveness of routes for reporting to Roundtable and others as appropriate.
12. Develop additional reports as deemed appropriate by the Airport, Roundtable, or Noise Monitor Committee.

LONGER TERM ACTION ITEM

Evaluate RNAV (aerial navigation) system impacts.

2015 Work Plan Committee Work Program Action Items

2015-16 PRIORITY ACTION ITEMS

1. Monitor and obtain updates on action items formerly shown under Strategic Planning Policy, CACNR and Land Use Committees, as described below, for significant change in circumstances that affect the Roundtable’s adopted Mission and require consideration by the Roundtable.
 - a. Monitor implementation of CFR Part 150 planning process by Airport staff, inclusive of the following steps:
 - i. Development of updated CFR Part 150 Noise Compatibility Plan
 - ii. Updating of noise contour lines
 - iii. Creation of future noise exposure maps
 - iv. Studying of existing aircraft operational information

- v. Continuing work on noise compatibility
- vi. Review and evaluation of what Aircraft Operating Restrictions might accomplish (14 Code of Federal Regulations, Part 161)
- vii. Updating of the Airport's zone of influence
- b. Monitor progress on the designation and use of alternate arrival, departure, and training routes including:
 - i. Workable flight tracks away from residential communities, inclusive of RNAV Alternative 2 (LOOOP SID), which will be modeled for Federal Aviation Administration (FAA) approval
 - ii. Preferential departure/arrival routes established through the Part 150 update
 - iii. Collaboration with the Airport, Air Traffic Control (ATC), and pilot groups.
- 2. Monitor Federal legislation in cooperation with N.O.I.S.E, inclusive of the law which prohibits scheduled passenger service at airports having more than 300,000 operations per year (0-Seat Law), and provide feedback
- 3. Continue to engage with the Airport Authority Board through presentations at Board meetings, personal contact, and tracking of their activities, and improve effectiveness of communications with the Board.
- 4. Utilize CACNR Bylaws in fulfillment of responsibilities of the CACNR officers, members and members' representatives; and the annual review and revision of the Work Program.
- 5. Work with other Committees on implementation of the Work Program as needed.

LONGER TERM ACTION ITEMS

- 1. Monitor the timing and need for creation of a Land Use Committee (10-a) to include evaluation of:
 - a. Potential role in supporting Airport land use referral recommendations regarding noise compatibility.
 - b. Potential engagement with local jurisdictions to address compatibility between Airport operations and land use through updates to master plans and relevant land use regulations. (10-c, 10-d)