

Welcome!

Airport Noise Mitigation Open House

July 24, 2019



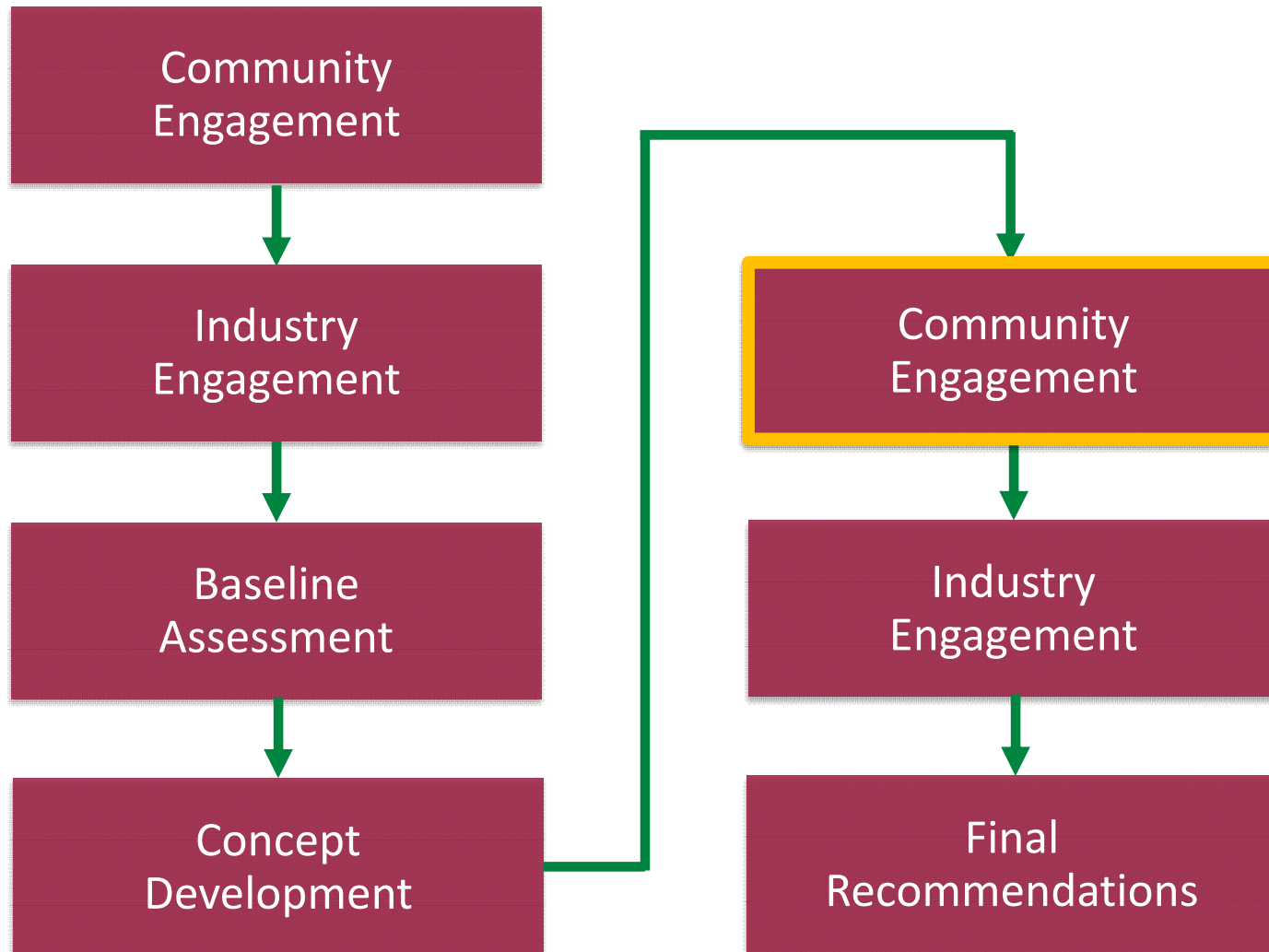
Agenda

- Introduction
- Project Overview, Process and Current Status
- What We're Hearing
- Constraints and Opportunities
- Review of Strategic Areas
 - Flight Operations and Procedures
 - Community Outreach and Engagement
 - Industry Outreach and Engagement
 - Local Land-Use Planning and Development
 - Regional Collaboration and Planning
- Discussion – We'd like your input and feedback

Introduction

- As flights at RMMA increase, so are community impacts
- ABCx2 was hired to identify strategies to reduce noise impacts
- The purpose for today's workshop is to present the initial strategy focus areas (high level) and solicit feedback from the community which will help us finalize the recommended strategies

Process Overview



Progress and Project Status

Community Engagement – ONGOING

Industry Engagement – ONGOING

Baseline Assessment – COMPLETED

Strategy Development – UNDERWAY

Final Report – August 2019



What We're Hearing

- *The aircraft are too low!*
- *The aircraft are too loud!*
- *There are too many overflights!*
- *There are too many training flights!*
- *Not enough is being done to reduce noise impacts!*
- *There should be curfews!*
- *Most of the flights are over “my” neighborhood!*
- *There needs to be more community involvement!*
- *We've submitted complaints, nothing is done!*
- *The flight schools/pilots aren't even aware of the noise program!*
- *No one told us there would be airplanes flying over our home!*



Strategy Development – Focus Areas

- Flight Operations / Procedures / Best Practices
- Community Outreach and Engagement
- Industry Outreach and Engagement
- Land-Use Planning, Zoning and Development
- Regional Collaboration

Constraints and Opportunities

CONSTRAINTS

- Federal preemption over flight operations and the National Airspace System (NAS)
- Recommendations should not negatively impact safety or efficiency of the NAS
- Airspace/operational constraints including terrain to the west and DEN airspace to the south and east

OPPORTUNITIES

- Existing support from RMMA staff, FAA air traffic control, flight schools, airport businesses, etc.
- Willingness of Jefferson County (airport operator) to collaborate with Boulder County and surrounding towns and cities
- Local jurisdictions have authority over land-use planning and development

Flight Operations

PRIORITIES

- Reduce aircraft noise through implementation of noise-abatement (quieter) practices and procedures
- Route aircraft away from residential areas when possible
- Increase altitudes over residential areas
- Reduce nighttime operations

STRATEGIES*

- Noise-optimized arrival and departure procedures
- Noise-optimized profiles for approaches and departures
- Increase altitude of approaches & departures
- Increase pattern altitude (touch-and-goes)
- Preferential runway use (daytime / nighttime)
- Discourage nighttime operations
- Encourage close-in (tight) patterns for touch-and-go operations
- Preferred arrival and departure routes for helicopters
- Early-turns to avoid residential areas

*Use of recommended flight procedures and best practices may vary based on weather, air traffic, and other factors.

Community Outreach and Engagement

PRIORITIES

- Provide opportunities for residents to express concerns and to get information
- Provide opportunities to increase public understanding of airport operations, regulations, stakeholder roles, what can and cannot be done and why, and what is being done to reduce noise impacts
- Seek input from the community regarding which strategies are working, which are not, and how to improve
- Expand community outreach

STRATEGIES

- Expand Superior and Louisville web content about the airport, aircraft noise, impact mitigation project (ongoing), and contact information for Town/City and airport
- Expand Airport's website to include a "Community" section addressing noise issues and providing noise program information
- Explore value of community noise working group, committee, etc. (to be hosted by Airport, Town/City/County, or combination)

Industry Engagement and Collaboration

PRIORITIES

- Inform flight schools, pilots (local and visiting), air traffic control, etc., about the community impacts associated with aircraft operations and noise
- Expand awareness of practices and procedures to reduce impacts
- Expand awareness of the airport Fly Quiet Program and encourage participation
- Ongoing collaboration with industry to improve the noise abatement program and reduce community impacts

STRATEGIES

- Include noise abatement in flight training curriculum
- Flight Instructor briefings
- Air traffic controller briefings
- Pilot forums and briefings
- Communication through CABA, NBAA, AOPA
- Expand information on airport website regarding clarity on noise-sensitive areas around RMMA and the practices and procedures for reducing noise impacts

Land-Use Planning and Zoning

PRIORITIES

- Enable informed decision-making in local land-use planning, zoning, and development, to minimize aircraft noise impacts.
- Encourage compatible land-use planning, zoning, and development in proximity to the airport and areas exposed to high noise exposure and overflights (i.e. Airport Influence Area and critical zones).
- Encourage transparency/informed decision-making for developers, real estate brokers, and prospective home buyers

STRATEGIES

- Consider existing and future noise exposure/flight patterns when addressing zoning and land-use planning
- Review and comment on planned airport development
- Coordinate local zoning/development changes with Airport to understand potential impacts
- Update website to include Airport Influence Area and flight paths and patterns

Regional Collaboration and Planning

PRIORITIES

- Encourage a collaborative approach to regional land-use planning to leverage benefits of the airport while minimizing community impacts
- Encourage collaboration among municipal and county governments, land-use authorities, and the airport.
- Pursue win-win approaches to land-use, zoning, and airport development that supports economic development within the region and improves the quality of life for residents.

STRATEGIES

- Establish (quarterly) meetings with Superior, Louisville, Boulder and Jefferson Counties and the Airport to discuss development plans, community concerns, etc.
- Coordinate review of airport and local (off-airport) land-use planning to encourage compatibility
- Establish a Regional Planning Forum to coordinate airport and local land-use planning

Next Steps

- Compile community input and feedback and incorporate into strategy development
- Finalize portfolio of short, medium, and long-term strategies for reducing aircraft noise impact
- Develop implementation plan and timeline
- Support implementation, keep the community informed throughout the process, and seek continuous improvement.

Key Dates *(Tentative / Subject to Change)*

- July 25-31 – Develop initial list of recommendations
- August 1 - August 10 – Industry Coordination
- August 15 - Finalize Recommendations
- August 20 - Present recommendations to Louisville City Council
- August 22 - Present recommendations to Superior Board of Trustees
- August 30 - Final report with recommendations

Input / Comments / Feedback



Thank You!

