Elements of a Noise Compatibility Program

Noise Abatement Alternatives
Purpose: To **reduce** noise levels in surrounding communities
Types of noise abatement alternatives:
- Flight location (e.g., moving arrival and departure flight corridors)
- Runway use program (e.g., how often runway ends are used)
- Ground activity restrictions (e.g., run-up locations/time)
- Facility development (e.g., runway extensions, noise barriers)
- Flight restrictions (e.g., mandatory curfews/restrictions - would require Part 161 Study)

Land Use Mitigation Alternatives
Purpose: To **mitigate** noise levels in surrounding communities
Types of land use mitigation alternatives:
- Corrective (e.g., sound insulation, land acquisition)
- Preventive (e.g., re-zoning program, building codes)

Program Management Alternatives
Purpose: To **recommend** community outreach programs
Types of program management alternatives:
- Community roundtable/noise abatement committee
- Noise complaint website or telephone hotline
- Regular update of NEM and review of NCP
Next Steps

- Next Public Workshop - Late Fall 2020
- Compile suggested noise abatement and land use mitigation alternatives
  - Input from FAA, advisory committee, airport staff, and public
- Begin evaluation of noise abatement alternatives
  - Determine feasibility of recommended alternatives
  - Determine safety issues related to recommended alternatives
  - Determine operational impacts of recommended alternatives
  - Perform a Noise Impact Assessment of recommended alternatives if necessary
- Begin evaluation of land use mitigation alternatives
  - Determine feasibility of recommended alternatives
  - Coordination with local municipalities
  - Develop airport overlay and land use management plan
- Prepare draft documentation
- Comments and questions may be submitted online at: https://duluthairport.com/noise-study/ or emailed to DAA@DuluthAirport.com