A U S T I N C I T Y C O U N C I L

AGENDA



Thursday, May 24, 2007

Public Hearings and Possible Actions **Item No. 65**
RECOMMENDATION FOR COUNCIL ACTION

Subject: Conduct a public hearing and approve a resolution approving the recommendations set forth in the 2007 FAR Part 150 Noise Study Update for the Austin-Bergstrom International Airport.

For More Information: Joe Medici 530-6563; Robert Holland 530-6604

Boards and Commission Action: Recommended by the Austin Airport Advisory Commission.

The City of Austin, Department of Aviation has prepared an airport noise compatibility study to identify and recommend mitigation of incompatible land uses in the vicinity of Austin-Bergstrom International Airport (ABIA). The study follows the required methodology in Federal Aviation Regulations Part 150 program.

The Part 150 Noise Study is comprised of two elements. The first element involves the development of Noise Exposure Maps (NEMs). These maps depict noise exposure within the vicinity of ABIA. The second element involves the development of a Noise Compatibility Program (NCP) which evaluates and recommends various operational noise abatement and land use mitigation measures to reduce noise impacts and ensure land use compatibility within the vicinity of ABIA.

The process of selecting program elements consisted of the development and presentation of potential noise abatement alternatives to the Technical Advisory Committee, citizens at public hearings, and presentation to the Airport Advisory Commission. Through this process, and comments received from the open house workshops, ten (10) program elements are recommended.

The following are the Part 150 recommendations:

- Preferential Runway Use System- FAA Air Traffic Control manages flight tracks to minimize noise exposures,
- Use of flight procedures,
- Require all commercial aircraft engine run-up to be performed on the “maintenance ramp”
- Property acquisition of properties within the noise impacted areas-estimate 65 parcels and estimated costs of $32 million with 80% funded through FAA grants and 20% with City participation,
- Continue to enforce the Airport Overlay Zones to prevent non compatible land uses being introduced within noise impacted areas,
- Building Codes-continue to enforce Airport Hazards and Land Use Ordinance that prevents non-compatible land uses and use of noise attenuation materials
- Noise Compatibility Program-continue with the program
- Public Involvement-
- Noise Flight Track Monitoring System-upgrade existing

system and continue to monitor noise levels in the vicinity of ABIA
- Noise Program Update-continue to monitor number of operations and operational characteristics at ABIA

Costs of implementation of the recommendations are estimated at approximately $33 million. The program will be funded by the Aviation Department with Federal assistance from FAA. Approximately $26,400,000 would be eligible for FAA funding. The City's share of the program would be $6,600,000. Implementation of the program is contingent upon the receipt of FAA funding and the program may be implemented over five years.