

County of Santa Clara
Roads & Airports Department
Airports Division



RA10

Prepared by: Carl Honaker
Director, County Airports

DATE: June 19, 2007

TO: Board of Supervisors

FROM: *M. J. Murdter*
Michael Murdter
Director, Roads & Airports Department

SUBJECT: Reid–Hillview Airport Noise Compatibility Program (NCP)

RECOMMENDED ACTION

Consider recommendations relating to the Reid–Hillview Airport Noise Compatibility Program (NCP). Possible action:

- a. Approve delegation of authority to the Director, Roads and Airports Department to negotiate, execute and amend an Agreement with Era Corporation relating to the Reid–Hillview Airport Noise and Operations Monitoring System (NOMS) in an amount not to exceed \$1,500,000 for the period June 19, 2007 through December 31, 2012, following approval by County Counsel as to form and legality and approval by the Office of the County Executive. Delegation of authority shall expire on December 31, 2012.

Processor name Kelly Munoz

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- b. Approve delegation of authority to the Director, Roads and Airports Department to execute all documents related to initial and supplemental grant funding from the Federal Aviation Administration (FAA) in the amount of \$450,000 for the acoustical treatment of seven homes within the 65dB CNEL noise contour surrounding Reid–Hillview Airport, including a cooperative agreement with the City of San Jose relating to execution of the grant under the Mineta San Jose International Airport acoustical treatment program, following approval by County Counsel as to form and legality and the Office of the County Executive. Delegation of Authority shall expire on December 31, 2008.

FISCAL IMPLICATIONS

There is no impact to the County General Fund. Sufficient funding for the NOMS is included in the FY 2007 Airport Enterprise Fund Budget. Action to appropriate revenue and expenditures related to the acoustical treatment project will be agendized for Board consideration after execution of the grant documents.

CONTRACT HISTORY

On November 14, 2006 the Board of Supervisors authorized staff to issue a Request for Proposals (RFP) related to procurement and installation of the NOMS.

REASONS FOR RECOMMENDATION

The Noise Control and Land Use Compatibility Planning Study conducted for Reid Hillview Airport (RHV) produced a Noise Compatibility Program (NCP) consisting of 33 measures to mitigate noise–related incompatibilities between the airport and the surrounding community. Procurement and installation of a Noise and Operations Monitoring System (NOMS) and the acoustical treatment of the seven homes inside the 65dB Community Noise Equivalent Level (CNEL) noise contour were two of the highest priority and highest cost elements of the NCP.

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Noise and Operations Monitoring System (NOMS)

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The NOMS includes the placement of noise monitors around the airport to record the noise levels of aircraft approaching, departing or flying in the pattern around the airport. A flight tracking system will monitor the position and altitude of aircraft in the vicinity of the airport. The data from these monitors will be gathered by a central computer system in the airport terminal building to correlate the noise directly with the flight path of aircraft monitored by the NOMS system. The system will also record radio transmissions between aircraft and the FAA air traffic control tower.

The combination of noise monitors coupled with a flight tracking system will provide staff with the tools necessary to accurately identify and track noise incidents and thereby make the airport noise hotline a meaningful resource for the surrounding community. With the ability to correlate community noise complaints with specific noise events, complaints can be investigated much more thoroughly, appropriate action taken and meaningful feedback provided to the caller. The system will also enhance staff's ability to work with airport users in ongoing efforts to reduce aviation noise impacts on the surrounding community.

The Board has previously authorized staff to execute grant documents related to FAA funding for the NOMS and to issue the Request for Proposals (RFP), which included a template of the prospective contract between the County and the selected proposer. Proposals were received from two qualified firms, Era Corporation and Lochard Corporation. After extensive review of the proposals and a presentation by both firms to an evaluation panel consisting of airports staff and outside noise program experts, the proposal from Era Corporation was rated the highest based on the established scoring criteria. The recommended delegation of authority to staff would allow for the expeditious negotiation and execution of a contract with Era Corporation and facilitate the subsequent procurement and installation of the NOMS.

Acoustical Treatment Program

The FAA has indicated to the Department that funding for the acoustical treatment of the seven homes inside the RHV 65 CNEL contour may be available this fiscal year. However, it is unknown when a grant offer might be received and how much time the FAA will allow the County to execute the grant documents. In order to ensure that the County may avail itself of any potential grant funding that may be offered during the upcoming gap in scheduled Board meetings, the Department recommends that the Board delegate authority to staff to take all

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actions necessary to secure an FAA grant for this element of the NCP.

In addition, informal discussions with Mineta San Jose International Airport (SJC) staff indicate the potential for the work to be performed under SJC's well-established Acoustical Treatment Program, which has been in operation for many years and has treated over 2500 homes inside that airport's 65 CNEL contour. Since there would be many advantages to having the work performed under the SJC program, the recommended action includes a delegation of authority to staff to execute a cooperative agreement with the City of San Jose for the seven homes being considered for funding by the FAA.

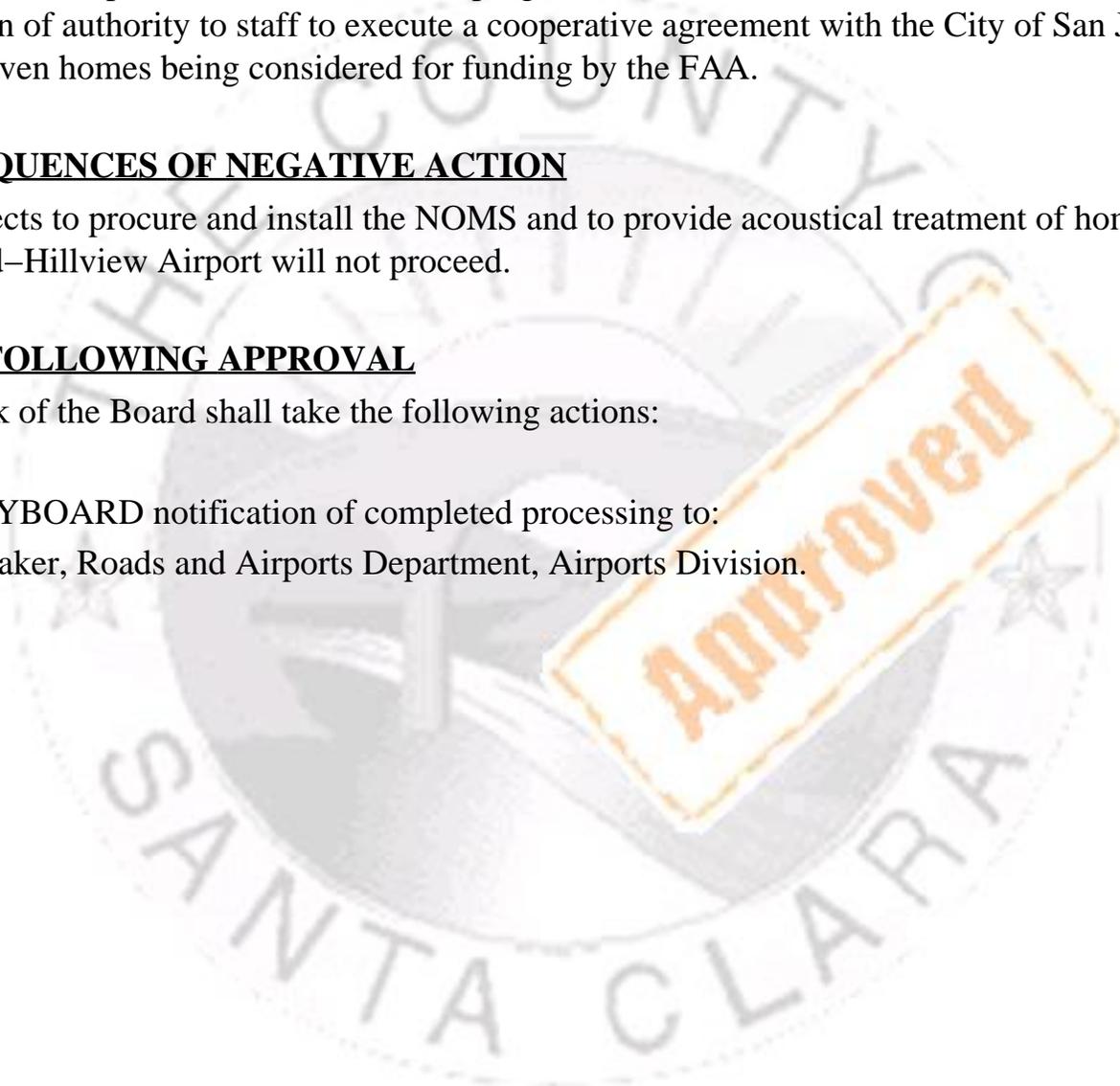
CONSEQUENCES OF NEGATIVE ACTION

The projects to procure and install the NOMS and to provide acoustical treatment of homes near Reid-Hillview Airport will not proceed.

STEPS FOLLOWING APPROVAL

The Clerk of the Board shall take the following actions:

Send KEYBOARD notification of completed processing to:
Carl Honaker, Roads and Airports Department, Airports Division.



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