



Regional Airport Planning Committee

To: Regional Airport Planning Committee

Date: April 22, 2011

Fr: Staff of Regional Airport Planning Committee

Subj: Approval of Vision and Implementation Analysis Report

Background

The current update of the Regional Airport System Analysis (RASPA) will conclude with the adoption of the Vision and Implementation Analysis Report (attached) which includes a:

- summary of the technical analyses conducted
- set of issue-oriented Recommendations
- prioritized set of follow up Work Tasks

At your April 1 meeting, the Committee decided to postpone action on Staff's institutional analysis until after the Recommendations have been adopted.

The Vision and Implementation Analysis Report was initially discussed with the Committee in January, 2011, and then reviewed with the public at a series of workshops in March when Staff and the Consultants presented the latest Scenario Analysis results along with the preliminary Recommendations. Our latest analysis of the Bay Area's long-term aviation needs accomplishes the following:

- Provides a Vision statement for the regional airport system along with a set of performance-based Goals to go along with the Vision statement;
- Updates the aviation demand forecasts for the Bay Area and finds that the main runway capacity problems will be at SFO, with significant capacity problems occurring around 2020 (Baseline forecast)
- Finds that Scenario B, which includes a combination of technology and demand reduction strategies and increases the future share of regional air passengers served by OAK, SJC and Sonoma County Airports, performs the best of all the Scenarios evaluated in addressing the study Goals; recommends that Scenario B be included in the plans of the three regional agencies comprising RAPC
- Emphasizes the need for new ATC technologies and demand management at SFO to control future growth in delays; recommends that RAPC play a stronger role in advocating for the development and deployment of these new technologies at SFO and other Bay Area airports.

- Finds that HSR could be an important part of a regional strategy to serve future air passenger demand, both from a capacity and environment perspective, but notes the uncertainty in the delivery timeframe for such a system
- Suggests that a strong demand management program at SFO, beyond what has been attempted by any airport to date, may be a key element of a traffic redistribution strategy; also suggests a regional marketing program be developed to promote airline services at OAK and SJC
- Notes potential for significant growth in noise exposure around SFO and SJC compared to 2007, and suggests the need to review regional Focus Growth policies that increase the population located in noise impacted areas; also, due to the magnitude of the projected noise problem for SFO by 2035, suggests the need for SFO to look at new approaches to reduce noise, such as additional sound insulation and changes in airport runway use.
- Notes potential for increased emissions of criteria pollutants (HC and NO_x) and Greenhouse Gases (CO₂), primarily due to projected growth in airline and air cargo flights; recommends annual monitoring of emission trends and that RAPC support future legislative efforts to further curb these emissions
- Conducted an evaluation of alternative institutional arrangements that might help achieve regional airport system planning goals
- Identified a set of work tasks to carry the study's recommendations forward

Study Recommendations

The study Recommendations are contained in Section 7 of the attached Vision and Implementation Report, and are organized around the major issues that have been discussed throughout the study. Staff has made a few minor edits (shown with underlines); however, for the most part the Recommendations are basically unchanged from those presented to you in January 2011. Due to time constraints, the presentations have focused on what Staff considered the most important Recommendations; therefore, the Committee is encouraged to review the entire set of Recommendations one more time in case there are any additional areas that the Committee would like to discuss. Staff will be seeking the Committee's approval of the report and its Recommendations at your April 22, 2011 meeting