



Solano County
Airport Land Use Commission
675 Texas St., Suite 5500
Fairfield, California 94533-6341
www.solanocounty.com

Planning Services Division
Phone: (707) 784-6765 / Fax: (707) 784-4805

Ray Schoch
Chairman

SOLANO COUNTY AIRPORT LAND USE COMMISSION

MINUTES OF THE REGULAR MEETING OF May 14, 2009

The regular meeting of the Solano County Airport Land Use Commission was held Thursday, May 14, 2009 in the Solano County Administration Center, Multi-Purpose Room, 675 Texas St., Fairfield, CA 94533.

MEMBERS PRESENT: Chairman Schoch, Commissioners Stockard, Potter, Baldwin, Cavanagh and Vancil

MEMBERS ABSENT: Commissioners Baumler and Seiden

OTHERS PRESENT: Jim Leland, Resource Management, Lee Axelrad, County Council, Diane Buschman, Resource Management,

Items 1, 2 & 3: Chairman Schoch called the meeting to order at 7:00 p.m. Roll call was taken and a quorum was present.

Item 4. Approval of the Minutes of October 9, 2008

Referring to Item 5 of the 10/9/08 minutes Commissioner Potter asked if the calculations for the height of the generator were based on mean sea level. Staff will review the calculations and report back to the ALUC. There being no further comments the minutes of October 9, 2008 were unanimously approved.

Item 5. Presentation by Travis Air Force Base staff on the new ASR-11 Radar System

Lt. Col. Robert A. Brisson, Commander, 60th Operations Support Squadron, Travis Air Force Base, gave the Airport Land Use Commission an update on the status of the ASR-11 radar. He reported that the radar has been up and operating since February 10, 2009. A team reviewed the data that the radar was sending to the aircraft controller scope to determine its performance level. In the review of the data they discovered that one the surveillance interface units was faulty and was causing a 20% degradation between the output of the radar and what was being picked up on the scope. The

surveillance interface unit was reconfigured but the new data still needs to be evaluated by the Department of Transportation.

Regarding plans for improving probability detection Lt. Col. Brisson stated that Air Force Flight Standards and Dept. of Transportation experts reviewing the data believe that the radar is optimized to its maximum level. However the data still needs further study and a determination of the probability of detection might be available by the end of May 2009. There are also plans to determine the predictive capability for additional wind turbines within the Wind Resource Area (WRA) and how it would affect the performance of the ASR-11.

As to how additional wind turbines will affect Travis AFB, Lt. Col. Brisson answered that experts have stated that there is a reasonable expectation that additional wind turbines into the WRA will negatively impact the probability of detection of the ASR-11. They were not able to answer exactly how much of a negative impact additional turbines would create.

Lt. Col. Brisson stated that the question was asked if there were other bases that were experiencing the same situation as Travis AFB. He answered that according to Air Force Flight Standards and Dept. of Transportation experts the situation at Travis AFB is unique especially since not all aircraft passing through Travis airspace are required to "squawk with their transponder". If all air traffic passing through the WRA had transponders signaling their location there would not be a problem with wind turbine interference with the radar. There are a total of seven airports in the area and 80% of the air traffic is not military air traffic. As mentioned earlier there are plans to create a tool that will be able to determine the predictive capability for additional wind turbines within the WRA and how it would affect the performance of the ASR-11.

Lt. Col. Brisson stated the report on the accuracy of the radar might be completed in 30 days but could not promise it. Travis AFB would like to see an 80 % average level of accuracy for the ASR-11. Mr. Leland asked if the performance level of the radar did not meet the required standard what additional equipment would be required. Lt. Col. Brisson stated that he did not have an answer to that question.

There being no further discussion the Airport Land Use Commission entered into a closed session.

Item 6.& 7. Closed Session & Announcement from Closed Session

Item 8. Adjournment

The next regular meeting of the Solano County Airport Land Use Commission will be held on **Thursday, June 11, 2009**, in the Solano County Administration Center, Multi-Purpose Room, 675 Texas St., Fairfield, CA 94533