

**Minutes
Tempe Aviation Commission
May 14, 2013**

Minutes of the Tempe Aviation Commission meeting held on May 14, 2013, 6:30 p.m., at the Public Works Conference Room, Garden Level, City Hall Complex, 31 E. Fifth Street, Tempe, Arizona.

(MEMBERS) Present:

Sally Clements
Shannon Dutton
Mark Garrigan
Gordon Gauss (Conference Call)
Karyn Gitlis
Barbara Sherman (Vice Chair)
Alyson Star
David Swanson (Chair)

City Staff Present:

Oddvar Tveit, Environmental Quality Specialist

Meeting convened at 6:40 p.m.

Dave called the meeting to order.

Agenda Item 1 – Public Appearances

There were no public appearances.

Agenda Item 2 – Consideration of Meeting Minutes (April 18, 2013)

Barbara suggested adding two sentences to the minutes. The members discussed the proposal and with a change to wording of the second sentence Karyn moved to approve the minutes as amended. Barbara seconded the motion. The amended minutes were unanimously approved.

Agenda Item 3 – Updates from staff

General Plan 2040:

Staff had been giving input on two elements in a draft GP 2040, the conservation chapter and the circulation/transportation chapter. A draft plan will be released to the public on May 29, 2013 and June 1, 2013 in the Tempe History Museum. A presentation to the commission is scheduled for June 18, 2013. The members received an account of the GP 2040 Community Working Group meeting held on April 24, 2013 where community design, land use, density, circulation/transportation and regional connections were discussed. Staff received no questions about connections to air transportation.

Phoenix - Tempe Salt River Reach

The PHX project to improve the low flow channel west of Tempe Town Lake is in the permitting and final design phase. At the April 9, 2013, design kick-off meeting south river bank access locations were discussed. Tempe staff was asked to provide design plans for the south bank

multi-use path from Priest Drive to the SR143 and update or develop a new access agreement with the City of Phoenix.

Agenda Item 4 – Update from the Vice-Chair

Barbara told about the North Tempe Neighborhood Association meeting with representatives from the City of Phoenix Aviation Department, Planning & Environmental. On behalf of NTNA Hugh Hallman presented information related to the 1994 Intergovernmental Agreement (IGA) between Tempe and Phoenix about noise mitigation flight procedures, and why Tempe has disagreements with Phoenix over its implementation. The meeting came about because of how the department described the 4-DME instrument departure procedure in monthly noise reports. It was suggested that the department focus attention on airlines with the worst compliance rates rather than an overall 98% airline compliance rate with the procedure. NTNA has been in contact with a Tempe councilmember to try getting a conversation going between councilmembers in both cities about a compliance measure the cities can agree upon.

Agenda Item 5 – Carbon Footprint

Barbara talked about her research into the Hestia project, <http://hestia.project.asu.edu/>, and the work of Project Director Kevin Gurney, who provided her with links to articles about methods to quantify fuel CO2 emissions down to buildings and streets and on a time scale. In addition to Indianapolis and Los Angeles the project wants to include the Phoenix area. However, only preliminary data has been developed so far and more funding is needed to complete the Phoenix project. Barbara asked if this was of interest to the other members. The members discussed energy efficiency incentives for buildings, and how to increase knowledge about airport emission contributions at a more detailed level.

Follow-up: Barbara would contact Kevin Gurney regarding an invitation to attend a TAVCO meeting in the fall. The members agreed to individually prepare questions based on the articles introduced by Barbara.

Agenda Item 6 – Petition for Change in Metrics and Modeling Tool used to Depict Significant Noise

The members were updated on the work that has been going on to come up with new tools to model of noise and emissions from aircraft operations, including the Aviation Environmental Design Tool (AEDT), which latest version is under development and expected to replace the Integrated Noise Model (INM) that is used to model noise exposure contours and the Emission Dispersion Modeling System (EDMS). The members pointed to the problem of requiring significant noise to be based on an annual average day. The INM input is not based on noise event peak levels and peak event frequencies during times of the day the airport is most busy. The members discussed the petition option on the White House web site, but agreed that the best way forward would be to work with the council to bring about a policy change with other National League of Cities communities and organizations that are equally concerned about the methodology and threshold set for the determination of significant aircraft noise.

Follow-up: Staff would provide more information about the AEDT to the members.

Agenda Item 7 – Commissioners’ Business (topics for future discussion)

Alyson mentioned that she had visited the airport to see the Solar Impulse aircraft piloted by Bertrand Piccard and André Borschberg. They are waiting for optimal weather to continue the next leg of the journey to Dallas/Fort Worth.

Barbara had received a suggestion from a resident that the city should get a copy of what exactly Landrum Brown was asked to do for the Phoenix Aviation Department when updating the noise exposure maps for Sky Harbor. She also mentioned replies she had received from Phoenix and Tempe staff on aircraft complaints.

Agenda Item 8 – Schedule next TAVCO meeting

The next meeting was scheduled to June 18, 2013.

Agenda Item 9 – Adjournment

The meeting was adjourned at 8:30 p.m.

Prepared by: Oddvar Tveit

Reviewed by: Lorinda Bush

Authorized Signature
Acting Deputy Public Works Director - Water Utilities