



Minutes Tempe Aviation Commission May 8, 2012

Minutes of the Tempe Aviation Commission meeting held on May 8, 2012, 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
Tara Ellman
Amy Fish
Barbara Sherman (Vice Chair)
Alyson Star
David Swanson
Kurtis Zinger (Chair)

(MEMBERS) Absent:

Richard Collins (Excused)
Karyn Gitlis (Excused)
John Robert Johnson

Citizen's Present:

Shannon Dutton

City Staff Present:

Oddvar Tveit, Environmental Quality
Specialist

Meeting convened at 6:31 p.m.
Kurtis called the meeting to order.

Agenda Item 1 – Public Appearances

Shannon Dutton introduced herself to the members.

David joined the meeting at 6:35 p.m.

Agenda Item 2 – Consideration of Meeting Minutes (April 10, 2012)

Barbara moved to approve the minutes. Amy seconded the motion. The minutes were approved by a unanimous vote.

Agenda Item 3 – Election of Officer

Kurtis encouraged the members to elect a new chair for the Commission with him leaving the state of Arizona, and some of the member moving out of the valley during the summer months. The members discussed the need for an interim chair considering the vice-chair was not able to attend future meetings in person until she returns from her summer residence in the fall. Staff stated that in any event new elections of officers for the Commission would occur at the first meeting next year. Amy stated she was willing to be a candidate for the office of chair for the Commission. Dave moved to accept Amy's candidature and elect her as chair for the remainder of Kurtis' term as a commission chair. The motion was seconded by Tara. The motion carried by a unanimous vote.

Agenda Item 4 – Updates from Staff

Staff presented an update to last meeting's presentation of a comparison of day-night noise exposure readings (Ldn A) at monitoring sites in Tempe during PHX runway closures. Upon request from the members staff had included a summary pointing to the three most significant factors changing monitor noise readings when a runway is temporarily closed. These were identified as:

- a. The runway to which most of the departure traffic is directed.
- b. The difference in centerline separation between the center and north runways compared to the separation between center runway and the south runway centerline, and the distance from a Tempe monitoring site to the runways in use and the runway being closed.
- c. In addition disparities in the number of aircraft operations, with east departure numbers being somewhat lower during runway closures, would impact the average noise exposure levels from aircraft operations.

Moving the majority of airline departures to the north runway or closing the north runway led to the most distinguishable shifts in day-night averages registered at monitoring sites north of the riverbed during runway closures in 2010 and January, 2012. Kurtis recommended that staff's presentation slides could be used to highlight topics raised with the PHX ATCT Air Traffic Manager at the June meeting.

Agenda Item 5 – Questions for PHX ATCT

The members discussed what topics would be of interest to address with the PHX Air Traffic Manager. The members came up with the following questions:

- Could RNAV departures off the ground become the norm at Sky Harbor?
- Does tower control consider a minimum length of the final approach when clearing incoming traffic? Is the PHX ATCT facilitating final approaches shorter than 4NM?
- How do you see the potential of PBN and NextGen, could new technologies be used to have aircraft approaches follow the riverbed and avoid the low descents over residential areas in north Tempe?
- If Sky Harbor was expanded with an additional parallel runway, how would you see the operations at the airport change?
- What do you see as the biggest future challenges for PHX ATCT?

Agenda Item 6 – Proposal for addition to the Transportation Council Committee work plan

Staff reminded the members that after the elections and the new Mayor and Council are sworn in, the City Council will constitute the City's new committees structure. Staff is typically consulted when the committees' work plans are developed. Barbara moved to direct staff to propose to the committee chair that will be taking on the City's aviation issues to add to the plan to work with the congressional delegation in Washington D.C. to solve aviation noise and air pollution problems. The motion was seconded by Tara, and passed by a unanimous vote.

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

Kurtis solicited information from the members' investigation into N.O.I.S.E health impact study references provided by Barbara to be reviewed by each member to find potential topics for future discussions. Members made short resumes of study findings related to research of health impact among populations living close to airports and other transportation infrastructures in Europe. Health impacts were found in areas exposed to 60-62 DNL. Kurtis recommended the members to continue follow up with discussion and research topics addressed in articles distributed by staff and members of the commission.

Barbara handed out noise report information and questions provided at the Mayoral and Council Candidates' forum in April, and thanked Kurtis for his contributions as a member and chair of the Tempe Aviation Commission.

Agenda Item 8 – Schedule next TAVCO meeting

The next meeting was scheduled for June 12, 2012 at 6:30 p.m.

Agenda Item 9 – Adjournment

The meeting was adjourned at 7:37 p.m.

Prepared by: Oddvar Tveit

Reviewed by: Don Hawkes

Authorized Signature
Deputy Public Works Director - Water Utilities