Minutes
Tempe Aviation Commission
March 12, 2015

Minutes of the Tempe Aviation Commission meeting held on March 12, 2015, 6:30 p.m., at the Public Works Conference Room, Garden Level, City Hall Complex, 31 E. Fifth Street, Tempe, Arizona.

(MEMBERS) Present:
Lane Carraway
Shannon Dutton
Mark Garrigan
Gordon Gauss*
Lance McIntosh*
David Naugle
James Wennlund

(MEMBERS) Absent:
James Wennlund (Excused)

Citizens Present:
John Nunes

City Staff Present:
Christina Hoppes, Acting Environmental Programs Supervisor
Oddvar Tveit, Environmental Quality Specialist

Meeting convened at 6:40 p.m.
Shannon Dutton called the meeting to order.

Agenda Item 1 – Public Appearances
There were no public appearances.

Agenda Item 2 – Consideration of Meeting Minutes (February 10, 2015)
Shannon Dutton requested a motion to approve the meeting minutes.

Motion: Lane Carraway moved to approve the minutes with an addition under the minutes item # 5 that NTNA was also going to prioritize the list of issues presented by NTNA. The minutes only mentioned that the commissioners would do so. David Naugle seconded the motion.

Action: The motion carried by a unanimous vote.

Agenda Item 3 – Update from Staff
1) Noise & Air Quality Symposium
   Some of the topics from the UC Davis Berkeley symposium in Palm Springs:
   a.) NextGen implementation
       Previous chair of the NextGen Advisory Committee (NAC):
       • Use the EPA's Seven Cardinal Rules of Risk Communication when implementing NextGen.

*Attending by telephone conference call.

- The public needs to be recognized, listened to and given honest answers to help shape realistic expectations.

National Organization to Insure a Sound-controlled Environment (N.O.I.S.E) national coordinator:

- Airports and the FAA should engage early with the public and keep continued communication with the public through the implementation period.

FAA ATO Environmental Policy Manager:

- The local airport administrations must inform the FAA about local needs. Comments were made about the process in PHX apparently not following NAC recommendations about the communication and including the public as partner.

b.) Evaluating Community Impacts

The Vancouver Airport Authority marketing and communications director:

- Active interaction with communities; free school programs, scholarships, festival sponsorships, blog on quality of life initiatives, e.g. airport accessibility for families with autism spectrum disorder.

The City of College Park Councilmember and a close neighbor of Atlanta International Airport:

- From a municipality point of view the NextGen RNAVs' are expressways that should be kept inside the same areas where land use has been planned to be compatible with aircraft operations.

c.) Categorical Exclusion of NextGen Procedures

CATEX2 Task Group:

The group was appointed to propose criteria for the FAA's use of the authority to categorically exclude NexGen flight procedures from environmental review to speed up the long lasting implementation process. The proposal was published in the federal register, and comments received from the hearing are now under review by the FAA.

d.) Updated from the FAA office of Environment and Energy

- The FAA Order 1050.1F Environmental Impacts: Policies and Procedures update includes a plan to conduct annoyance surveys at sixteen undisclosed airports.
- The FAA is working on noise certification of Unmanned Aerial Vehicles (UAVs).
- Activities at the six UAV test sites include live testing of UAVs for potential commercial and government uses.

e.) Examples of Innovative Practices

- Reduction of airport ground noise at European airports using scattering hills and sound wall architecture.
- Solar energy at airports, financial options, airport land lease for solar energy.
- The ability to customize routing into airports all the way down to the where on the runway you want to land with Global Navigation Satellite Landing Systems (GNSS).

2) <u>February 19, 2015 Phoenix Airspace Users Working Group (PAUWG) Meeting</u>
The main focus of the meeting was a report on air traffic management during the Super Bowl XLIX. The air traffic planning worked and air traffic flow was less than expected due to weather.

Staff explained that prolonged periods of westward and northwestward winds contributed to Tempe receiving a large number of PHX departure operations, and the Super Bowl XLIX event periodically increased traffic flow particularly at valley general aviation airports.

Agenda Item 4 – Initiative from NTNA regarding the FAA's implementation of NextGen at PHX

Chair Dutton asked for suggestions from the commissioners about how to deal with the agenda topic, and if the members could agree to focus the discussions on a few of the twelve issues the NTNA had identified. She emphasized that the commission needs to consider residents in all impacted areas throughout Tempe when discussing NTNA's list of issues.

The members discussed the first two items on the list; compliance measuring and maneuvering of planes outside the common approach path in combination with the sixth item on the NTNA's list of issues, noise monitors that should be relocated to provide useful information. The members agreed on the importance of supporting the discussion with verifiable flight track and noise data. To be able to compare data over time fixed monitoring sites should not be moved, but sites should be added if sensitive areas or locations are missed because of changes in the flight paths.

The airport periodically calibrates the airport's fixed noise monitors, and performs control measurements with portable noise monitors to validate the local noise exposure. This has recently been done in response to the concerns from residents in Phoenix about the noise impacts of the FAA's NextGen flight procedures. In relation to NTNA's item number nine, a city program for aviation-rail-freeway noise mitigation, would require the use of expertise to map noise impacts at transportation congestion points, including areas in south Tempe subject to both smaller aircraft noise and noise resulting from airlines flying more accurate and concentrated flight paths using NextGen area navigation.

Resident John Nunes asked the commissioners about the Tempe/Phoenix IGA agreement on notifications to the airlines regarding violations of established noise mitigation flight procedures. He also asked why PHX does not inform pilots of noise mitigation flight procedures on the Automatic Terminal Information System (ATIS), which is common at smaller airports. At PHX smaller aircraft are directed on diagonal paths away from the Salt River riverbed area where the airlines are flying.

Action: The members agreed on pursing a discussion of the following issues:

1) Take a new look at the National Organization to Insure a Sound Controlled Environment (N.O.I.S.E.) membership.
2) New sites in Tempe to be included in a noise monitoring program when the PHX Part 150 Noise Compatibility Plan and programs are updated.
3) Temporary monitoring by the airport under the new RNAV departure paths on both sides of the airport.

Staff was asked to provide the following information to help discussions at the next meeting:
• The cost of membership in N.O.I.S.E for Tempe
• City of Phoenix Aviation Department efforts to work with local air traffic control to have information about noise mitigation procedures included in flight controller training.

Agenda Item 5 – Drones

Shannon asked for a motion to defer this item to become a prioritized item on the agenda for the meeting in April.

Motion: Lane made the motion to move the discussion of the drone issue to the April agenda.

Lance seconded the motion.

Action: The members voted unanimously in favor of the motion.

Agenda Item 6 – Commissioners' Business (topics for future discussion)
David Naugle proposed a discussion of aviation and the Maricopa Association of Governments.

Agenda Item 7 – Schedule next TAVCO meeting
The next meeting was scheduled for April 14, 2015.

Agenda Item 8 – Adjournment
The meeting was adjourned at 8:28 p.m.

Prepared by: Oddvar Tveit

Reviewed by: David McNeil

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Authorized Signature
Environmental Services Manager