



Minutes Tempe Aviation Commission March 13, 2018

Minutes of the Tempe Aviation Commission meeting held on March 13, 2018, 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 (Chair)
W. David Doiron
Shannon Dutton
John Q. Nunes (on phone)
Valeriy Khaldarov

(Members) Absent:

Robert Dixon (excused)
Gordon Gauss (excused)
Robert Miller (excused)
Troy Selland

Guests Present:

Brett Nadler, *Project Manager Planning & Environmental,*
City of Phoenix

City Staff Present:

Oddvar Tveit, *Environmental Quality Specialist*

Agenda Item 1 – Call to Order

Chair Lane Carraway called the meeting to order at 6:39 p.m.

Agenda Item 2 – Public Appearances

There were no public appearances.

Agenda Item 3 – Consideration of Meeting Minutes (February 13, 2018)

Chair Lane Carraway asked for comments to the drafted February special meeting minutes, and a motion to approve. Ms. Shannon Dutton asked for an addition on page 1 and David Doiron suggested an amendment to the second bullet point on p. 3.

Motion: Mr. David Doiron moved to approve the drafted minutes as amended. Ms. Shannon Dutton seconded the motion.

Action: The amended draft for February 13, 2018 meeting minutes were approved by a unanimous vote.

Agenda Item 4 – Update from the Phoenix Aviation Department, by Mr. Brett Nadler

The FAA Community Outreach Workshops:

Over 400 people attended the three community involvement workshops on the proposed changes to the controversial September 2014 west departure routes for PHX. The FAA received over 1,100 comments. Currently the FAA is reviewing comments on Step 1 part of the process, and has yet to come up with a timeline for when the agency will start reviewing comments to Step 2. That could be as early as end of this year or later.

The NOMS RFP:

The current contract for the PHX Noise and Operations Monitoring System (NOMS) with the Harris Corporation expires in July 2018. The current contract is for three years with one option to extend for two years, an option the City of Phoenix already has exercised with the expiration in July. The request to issue the NOMS RFP was accepted by

the City Council, Aviation, Economy and Innovation Subcommittee on March 13, 2018 and next is approval from the full Council on May 21, 2018. The Tempe aviation staff is represented on a panel that will be reviewing proposals. The goal is to renew services that maintain the current system of monitors and type of services under a three-year contract with one option to extend for two years with the existing or a new provider. Any requests for changes to the system of monitoring sites will be a separate issue.

Discussions:

- The current contract is set up to satisfy requirements in the 1994 IGA between the cities, mainly to track flights and monitor noise.
- The Brüel & Kjær equipment at the noise monitoring sites are ten years old. How it integrates with the Harris software and what other system providers can offer is one of the reasons for the RFP.
- Tempe staff provided input on the scope for the RFP, and will be on the selection panel.
- Tempe staff's comments on the scope for the RFP was addressing the need for assessing the current locations of the fixed noise monitoring equipment and City of Phoenix Aviation has been made aware of the commission's recommendations about adding sites.
- The RFP includes hardware and software upgrades for the existing NOMS. Any reallocation of addition of noise monitoring sites is a separate issue not part of the RFP that will go to the Phoenix City Council.

Agenda Item 5 – Staff Update by Mr. Oddvar Tveit

The Tempe City Council Work Study Session – FAA Letter:

City staff made a request to authorize the Mayor to send a Community Involvement Comment letter based on input from the commission. The authorization was given at the February 15, 2018 meeting and the signed letter was e-mailed to the FAA on February 16, 2018. The city has asked the FAA to include an evaluation of moving traffic on descent from the GEELA Standard Terminal Arrival Route (STAR) farther south as part of the Step One. The other three items the city has asked the FAA to include new or revised procedures to improve the use of Required Performance Procedures (RFPs) at PHX for Step Two.

Topics from the UC Davis Noise Symposium:

Community Group Meeting:

- The FAA Air Traffic Organization (ATO) Community Involvement Manager, Julie Marks presented the FAA organization, her role and challenges related to developing and implementing a new community involvement strategy throughout the ATO organization.
- The Phoenix Historic Neighborhood Coalition/ Opal Wagner and F.Q. Story Preservation Association, Steve Dreizezun presented the history behind the Phoenix v. FAA case and about the agreement made with the FAA to limit the D.C. Circuit ruling to west flow departure procedures published in September 2014.

Sustainability and Technology:

- The FAA APL (Office for Policy, International Affairs & Environment) Chief Scientific and Technical Advisor Jim Hileman addressed the environmental research and development programs that the FAA is involved with, to reduce noise, emissions and develop alternative aviation fuels.

Operational Concepts:

- Gretchen Kelly from San Carlos Airport talked about creation of charted visual approach procedure, the Bay Side Approach at San Carlos Airport to address complaints from local area residents after a scheduled charter started up at the airport. It was accommodated in the SFO area of multiple RNAV/Metrolplex flight procedures.
- John Brandt, MIT presented creative solutions to the problem of narrow flight paths, e.g. have multiple RNAV runway transitions to final approach, disperse routing to a fix and radar vectors to RNAV, each with noise impact trade-offs.
- Johnathan Bonds, UPS, talked about arrival noise from a pilot's perspective and steeper glide slopes.

Keeping on a vertical path with higher approach speeds due to a somewhat steeper glide slope is most problematic for a pilot. Most arrivals are subject direction from air traffic controllers, mostly about approach speed adjustments to keep separation to other aircraft in the flow.

Platforms for Regional Consensus:

Representatives from the SFO Roundtable, O'Hare Noise Compatibility Commission and the Manager of Newport Beach Airport provided answers to questions one being what to consider when creating a regional forum. Points made:

- Get to common ground on what is needed.
- Get around technical terms to encourage participation.
- Be as inclusive as possible.
- Be open, have no preconceived opinions or hidden agendas.
- Include the FAA regional administrator, create relations.
- Do independent analysis.
- Consider having formal and informal meetings.

Staff Conclusions:

- The level of community involvement the regional and local parts of the FAA ATO organization consider to be required for planned airspace actions will as it seems also in the future vary based on project circumstances, including the prospect of triggering a public controversy.
- Still a long way to go for alternative fuels to be supplied in sufficient quantities.
- FAA air traffic control privatization legislation has met strong opposition from the general aviation community.
- The symposium is unique as it brings all stakeholder to the table, both government, industry and community groups including N.O.I.S.E, represented by Emily Tranter providing updates on legislation and Congress committees' activities.

Agenda Item 6 – Commissioners' Business

- Status on the Noise Abatement Office recommendation.
- How to acquire performance data and the best noise signature for the most commonly used versions of the A321s and B737s used by Southwest and American Airlines at PHX according to Airbus and Boeing.
- News from Phoenix Aviation if anything new to report.
- Virtual noise from virtual aircraft.

Agenda Item 7 – Schedule Next TAVCO Meeting

The next meeting was scheduled for April 10, 2018.

Agenda Item 8 – Adjournment

Motion: Ms. Shannon Dutton moved to adjourn the meeting. Mr. David Doiron seconded the motion.

Action: The meeting was adjourned at 7:57 p.m. by a unanimous vote.

Prepared by: Oddvar Tveit

Reviewed by: Justin Bern