

**OKLAHOMA ADVANCED MOBILITY
ADVISORY COUNCIL MEETING MINUTES**

April 18, 2024

CALL TO ORDER: Mr. Schwennesen called the meeting to order at 2:03 pm

ROLL CALL: **Present:** Jared Schwennesen for Tim Gatz
Grayson Ardies
Amy Loftis-Walton
Miranda Adams for Steve Fendley
James Grimsley
Jennifer Hankins
Jennifer McGrail

Absent: Jamey Jacob
Garry Ambrose
Hopper Smith
Tyler Moore

ITEM PRESENTED BY ACTING CHAIR – Mr. Schwennesen

Approval of Minutes from October 19, 2023, January 18, 2024 and February 15, 2024 Meetings

ACTION: Walton moved, and Ardies seconded that the Minutes be approved as presented.

MOTION: Carried by the following vote:

AYES: Grimsley, Ardies, Fendley, Walton, McGrail, Hankins and Gatz

ABSTAIN: None

ABSENT: Jacob, Moore, Smith, and Ambrose

GUEST SPEAKERS

Mr. Doug Wood introduced John Eberhardt & Scott Drew from ATA Aviation. Last year, they introduced the Virginia Flight Information Exchange when we were looking for a suitable system for providing information to our drone pilots here in the State. After a lot of research and review, we have entered into an Agreement with them for the Oklahoma Flight Information Exchange (OK-FIX). We will set that up in the next few months, bringing in our Public Safety and Commercial Partners. So, I have brought them in to give us a more in-depth briefing on what the OK-FIX will look like and a demonstration so everyone will get an idea of how it will work.

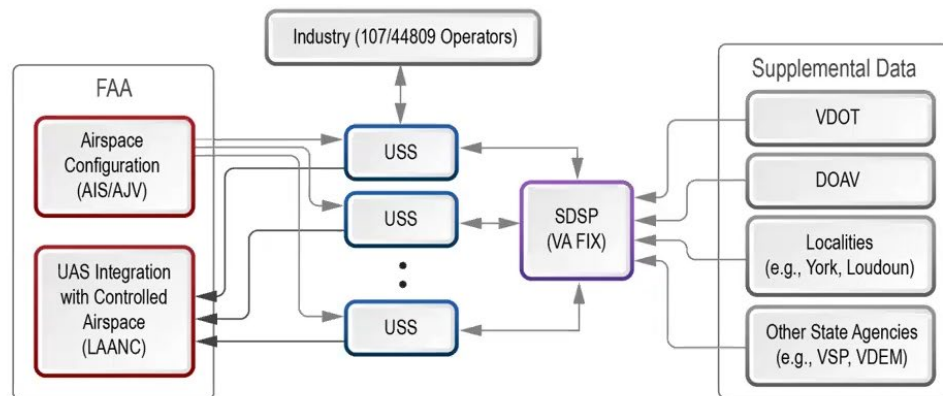
Mr. Eberhardt and Mr. Drew gave a PowerPoint Presentation and stated that Oklahoma will become the fourth state to become a FIX State. The AAM multi-state collaborative includes Virginia, Ohio, California, Oklahoma, and Pennsylvania will follow. He explained what a FIX-MVI is:

- Enable new-term AAM services and return on investment
 - “Flight Information Exchange” (FIX)
 - “Minimum Viable Infrastructure” (MVI)
- FIX is focused on cost-effective, public, secure mechanisms for data sharing to support Federal Aviation Administration (FAA) requirements for safe AAM integration
- MVI is a risk-based approach to infrastructure resulting in cost-effective deployment of infrastructure enabling immediate next steps in AAM

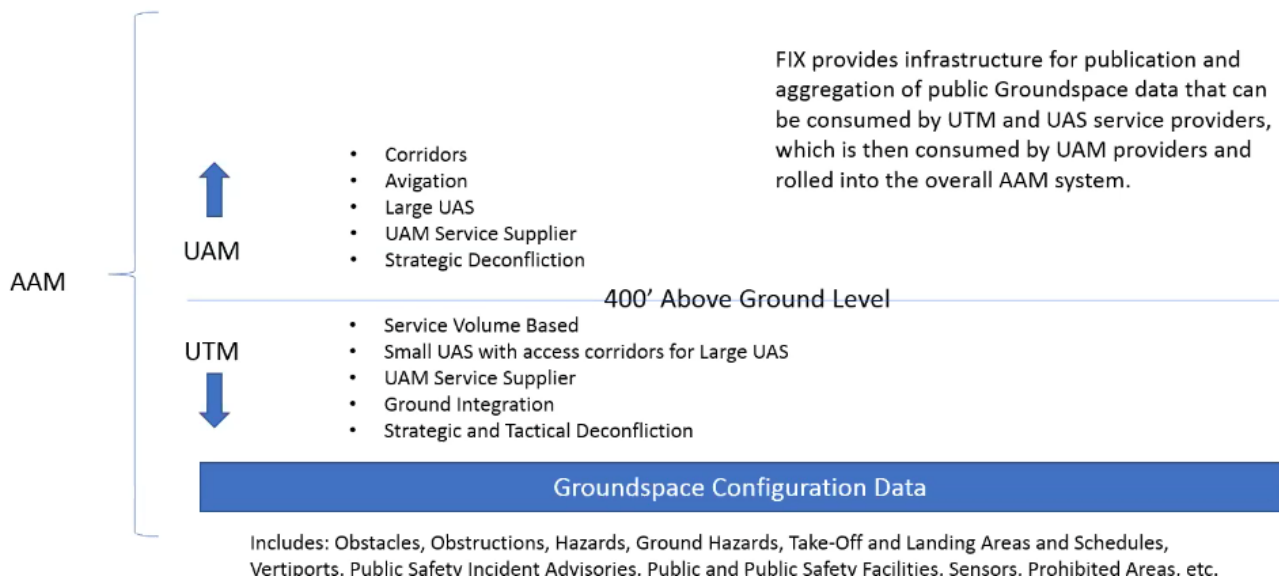
- Support community integration and give industry a place where they can fly
- Return on investment and a path to financial sustainability within 2-3 years

How does FIX-MVI fit in the FAA Vision.

- FAA already has concepts in place to build UTM/UAM (AAM) infrastructure
- FAA has already created concepts of UAS Service Suppliers (USSes) and Supplemental Data Service Providers (SDSPs) integrating into UTM
- State and Local Governments are the logical authoritative source for governance and provision of Authoritative SDSP (ASDSP) information (since UAS operations are highly local)



FIX and UTM/AAM



They presented a model of the Virginia FIX and how it benefits that state. It would benefit Oklahoma in a lot of the same ways:

- 70+ state and local agencies collaborating, over 150 users
- Created over 40,000 NAVAIDS
- 1,000+ active advisories today
- 5 of the FAA's 16 approved "USS" providers onboarded (AirSpaceLink, Aloft, ATA, Skygrid, Wing)
- New resident services such as package and medical delivery are being created

UAS/AAM MOBILITY STRATEGIC PLANNING UPDATE – Ms. Thea Ewing

Ms. Ewing, Project Management Director for HNTB gave an update on where we are with the Oklahoma Advanced Mobility Strategy Action Plan. She went over some information that she had presented the last 2 months. She put a link in the chat on the Action Agenda and asked that everyone view it and submit any changes or additions to her by end of business today. She pointed out the Asset Map that they have been talking to various stakeholders about, and wanted to make sure that they had everything that would want to be seen on this map. She stated the stakeholders at Aero Day really geeked out about the maps, so she just wants to make sure it is right. Because this is a resource that goes well beyond just a paper plan.

Dr. Grimsley said to change “Daisy Ranch” to the Choctaw Nation Emerging Aviation Technology Center”.

Ms. Ewing said you may not see companies on here; we didn’t feel like putting private for-profit institutions on here would be in the best interest of those businesses.

Mr. Wood pointed out the information received from NEXA Capital, the website will have all those private companies and public entities listed. So, people who are looking for those types of companies will have access to that information.

EMERGING AVIATION SUBCOMMITTEE UPDATE – Doug Wood

Mr. Wood said he had nothing to report since they had not had another meeting since the last AAMC meeting last month.

AUTONOMOUS VEHICLE WORKING GROUP UPDATE – Mr. Robins

Mr. Robins gave an update on the Autonomous Vehicle Working Group. In the EV/AV world, many companies have exited the market or consolidated with KODIAK, the one company that is very solid and capitalized. He reported that Oklahoma was awarded a DOD Contract regarding autonomous vehicle technology as it relates to field deployment. One of the largest risks for fatalities or serious injuries is supply chain management, getting people and gear to different places in hostile environments and IEDs. So, they have met with the Secretary of Defense and want to create a duty sort of truck that can be deployed in those scenarios. So, can we do anything from a regulatory standpoint regarding autonomous freight testing or designating our own borders around our DOD installation facilities? If there is something that we can do regarding the health, welfare, and safety of our troops, that has to do with some technology deployment. I will be reaching out to them and try to facilitate something.

The unionized forces in and around trucking have gotten off the sidelines and declared war on autonomous freight trucking as a threat to their jobs. California had successfully passed a bill with an overwhelming majority to throw the brakes on autonomous freight technology. Governor Gavin Newsom vetoed the bill. The Legislature didn’t go back and override the Governor’s veto. Still, they passed a new bill that gave deference to local municipalities and other regulatory bodies instead of placing it just within the California regulatory statewide system. So, there is a big fight going on there in California. The same thing is happening in Kentucky, but the roles are just reversed. I have been visiting with some guys from Edmond, and we have been discussing this for an Oklahoma scenario. So, if certain corridors are being shut down or are not as hospitable, what can Oklahoma do for leverage? So, these guys are making an effort, and I feel we need to be engaged in these conversations.

OPEN DISCUSSION

Ms. Hankins said Tulsa Mayor Bynum had announced his effort to make Tulsa the “Drone Capitol of the World.” On Tuesday we are hosting our first Blue Ribbon Commission that is focused on Advanced Air Mobility. We are bringing together the public and private sectors to kind of tackle issues such as infrastructure policy, and economic incentives, and really trying to carve out the most appropriate place for the city to continue supporting our efforts.

Broadly in the region, and in particular to help us get some additional momentum for our tech hub application, which for those of you that don't know, we were designated a tech hub in autonomous systems, which, of course, includes UAS and supporting a lot of the efforts this group is interested in, such as green UAS Certification, cyber security and data infrastructure. And, of course, Grayson and Doug were a critical partner in in getting that tech hubs proposal in and submitted as well. So, I'll be able to report back on that so I will keep this group posted as those conversations keep progressing.

Grayson gave an update on legislation and said so far, everything seems to be going well; he will update us more at the next meeting.

CLOSING REMARKS

Secretary Gatz thanked everyone for attending; and said the next meeting will be held on May 18th @ 2:00 pm.

ADJOURNMENT MOTION

ACTION: Ardies moved, and Walton seconded that the Meeting be adjourned.

MOTION: Carried by the following vote:

AYES: Grimsley, Ardies, Fendley, Walton, McGrail, Hankins and Gatz

NAYES: None

ABSENT: Jacob, Moore, Ambrose, and Smith

The meeting adjourned at 3:07 pm

Approval of Minutes:

Jared Schwennesen – Acting Chairman