

Community Integration Working Group

Texas AAM Committee

Meeting #2, March 20, 2024

Agenda

- Opening remarks
- Briefing from TXST on Committee member interviews
- Subcommittee summaries
- Discuss community integration for different AAM scenarios
- Closing remarks

Subcommittee summaries

Community Integration

- Public Awareness Campaign
- Decision Maker Communication Toolkit
- Safety Training Website
- Display or Demonstration Days in communities

Funding

- State funding mechanisms
- Federal funding sources
- Quantify investments based on use-cases

Public Good and Safety Use-Cases

- Invest In UTM
- Fire and Disaster Response was the focus
- Airspace Deconfliction
- Training and Awareness
 - Create standardized training for peace officers

Infrastructure

- Understand infrastructure requirements
- Upgrade electrical infrastructure
- Establish AAM Routes/Corridors
- Site potential vertiport locations
- Develop State standards

AAM Use Cases in Texas

Existing:

- Drone package delivery—groceries/Rx/food (Frisco / College Station / Hillview)

Near term:

- Disaster supply delivery
- Regional airport to larger airport - eVTOL shuttle
- Regional hubs to tourism destination - eVTOL shuttle (Arlington)
- Regional taxi rides - eVTOL shuttle (Brownsville)

Longer term:

- Greenfield vertiports in rural areas
- Shuttle equipment and people to remote work sites

Community Integration Factors

	Community receptivity		Other factors to consider
Drone package delivery			Education about what different aircraft types see (package drones are not taking pictures of the ground)
Disaster supply delivery			
Airport VTOL shuttle			Logical use of the aircraft, but make sure it is clear that this isn't the only use
Tourism VTOL shuttle	Perception that this is for richer people only		Easier to build AAM infrastructure than other types, like roads/rails
VTOL taxi rides			
Greenfield vertiports			
Remote site VTOL people/cargo shuttles			Creates economic opportunities for previously isolated communities
All AAM	Public concern with safety, privacy		Big demand for electricity

Port San Antonio Use Case Discussion

- **Infrastructure development models including where private and public financing can work together** [example – burying utility lines is millions of dollars with the utility looking to the field operator to pay and no clear path to monetization]
- **Showcasing eVTOL operations in real world campus in public view** [our Boeing Center at Tech Port is regional entertainment and education venue located in center of 18,000-person air industrial and research park meaning that operations can be had in controlled environment with existing residential, commercial, and industrial operations]
- **Showcasing value of AAM beyond traditional air taxi model** [our campus has potential early adopters and a present and growing need for AAM as transportation augmentation]

Next Meeting Dates

Community Integration Meeting 3: **April 17**, 1:30 pm – 3:30 pm

Full Committee Meeting: **March 27**, 9:00 am - 12:00 pm