Public Good and Safety Use-Cases Working Group

Texas AAM Committee

Meeting #2, March 21, 2024

Agenda

- Opening remarks
- Subcommittee summaries
- Discuss public good use-cases
- 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

Economic Impact

- Education and Workforce Development
- Support Degree and other programs
  - Pilot and engineering
  - Manufacturing
  - Maintenance
- What should be funded short and long term

Infrastructure

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

Public Good Use Cases

- Inspecting critical public and private infrastructure
- Inspecting agriculture, ranching, construction, etc.
- Delivering essential supplies during disasters
- Emergency response and medical transport
- Disaster relief and humanitarian aid

Public Good Use Cases

	Feasibility	Barriers	Partners
Inspecting critical public and private infrastructure			
Inspecting agriculture, ranching, construction, etc.			
Delivering essential supplies during disasters			
Emergency response and medical transport			
Disaster relief and humanitarian aid			

Texas' AAM "Definition"

Advanced air mobility (AAM) technology is a new, innovative mode of transportation that aims to streamline and modernize the future of **mobility for passengers and cargo** by relying on under-utilized aerial transit routes.

S.B. 2144 Author's Statement of Intent – Senator Tan Parker

1.1 AAM Definition

As defined in the AAM Coordination and Leadership Act (P.L. 117-203, 136 Stat. 2227), October 17, 2022, "AAM is a transportation system that moves people and property by air between two points in the United States (U.S.) using aircraft with advanced technologies, including electric aircraft, or electric vertical takeoff and landing (eVTOL) aircraft, in both controlled and uncontrolled airspace." For purposes of this Implementation Plan, however, the scope of AAM is limited to those engaging in passenger-carrying or cargo operations with a pilot on board.

Federal Aviation Administration

Aircraft

Home

Advanced Air Mobility | Air Taxis

Advanced Air Mobility (AAM) is an umbrella term for aircraft that are likely highly automated and electric. These aircraft are often referred to as air taxis or electric Vertical Takeoff and Landing (eVTOL) aircraft.

AAM aircraft could also be used to transport cargo and passengers, help with firefighting, and provide search and rescue operations. It also has the potential to connect underserved and rural communities.

Next Meeting Dates

Public Good and Safety Use-Cases Meeting 3:

April 18, 10:00 am – 12:00 pm

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