

# Full Committee Meeting

Texas AAM Advisory Committee

Meeting #3, March 27, 2024

# Agenda

1. Convene
2. Introduction of members and staff
3. Chair and Vice Chair comments
4. Working group updates
5. Stakeholder communication interviews update
6. Context for formulating legislative recommendations
7. Discussion regarding draft legislative recommendations
8. Specific information requests for research
9. Committee member comments
10. Public comments
11. Adjourn

# Context for good recommendations

- Texas airports and FAA preemptions
- Electric infrastructure and management in Texas
- Texas and local economic development information
- Workforce Development
- Industry considerations to select a location
- Summary of FL, VA, and OH's AAM leadership advantages
- Texas' inherent advantages

# Texas Airports and FAA preemptions

Dan Harmon

Director, Aviation Division

TxDOT

By: Cook

**Department of Transportation**  
**Proposed Funding and Rider**  
**Statewide Advanced Air Mobility Plan**

**Overview**

Increase General Revenue funding for the Department of Transportation by \$3.5 million and add a rider stating that it is the intent of the Texas Legislature that the department, using these appropriated funds, develop a statewide Advanced Air Mobility Plan or to contract with local municipalities to develop regional plans if the appropriated funds are insufficient to develop a statewide plan.

**Required Action**

(1) On page VII-18 of the Department of Transportation bill pattern, increase funding from General Revenue Funds in Strategy C.5.1, Aviation Services, by \$3,500,000 in fiscal year 2024.

(2) On page VII-34 of the Department of Transportation bill pattern, add the following rider:

\_\_\_\_\_. **Statewide Advanced Air Mobility Plan.** It is the intent of the legislature that the Department of Transportation develop a statewide Advanced Air Mobility Plan, or an update to the Texas Airport System Plan, that specifies potential locations for and classifications of vertiports and other associated infrastructure to guide the future operational environment of advanced air mobility. Amounts appropriated above in Strategy C.5.1, Aviation Services, include \$3,500,000 in General Revenue for the state fiscal biennium beginning September 1, 2023, are allocated for development of the plan. To the extent allowable by law, these appropriations may be used for the alternate purpose of contracting with local municipalities to evaluate the feasibility of Advanced Air Mobility technology in their region, should TxDOT determine that funds appropriated above would be insufficient to develop a statewide plan.



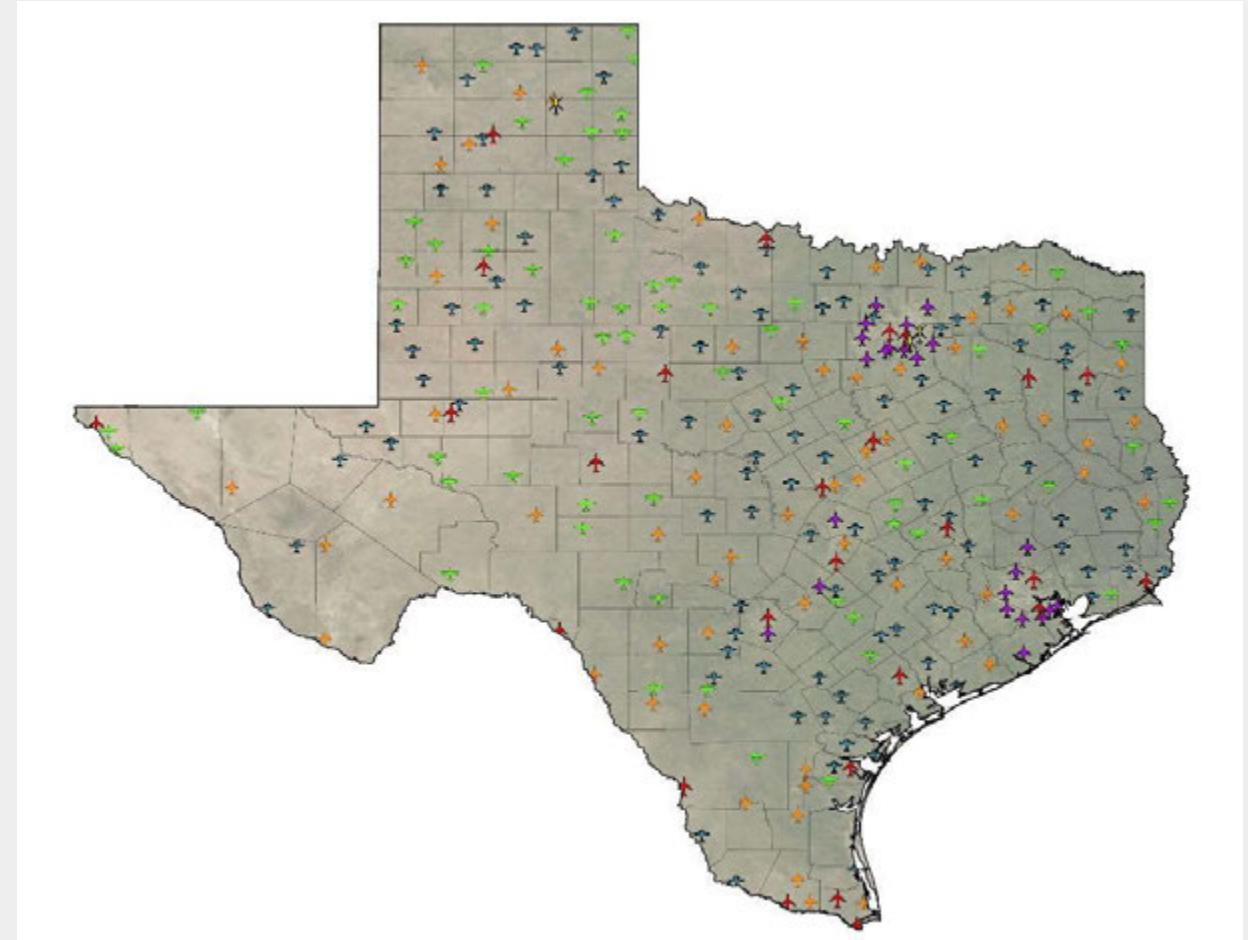
# TxDOT Aviation

## AVN 101





- 289 Airports in Texas Airport System:
  - 25 Commercial
  - 264 General Aviation
  - 24 Relievers
  - 186 in NPIAS
  - 42 Control Towers
- 8.8 Million ops (5.8 General Aviation)
- Economic impact:
  - \$94B annually
  - 780,000 jobs





- Develop a statewide system of airports
- Maintain the system
- Support economic development
- Manage state aircraft fleet
- Manage TxDOT UAS Program





# FY24 – FY26 Aviation Capital Improvement Program (ACIP)

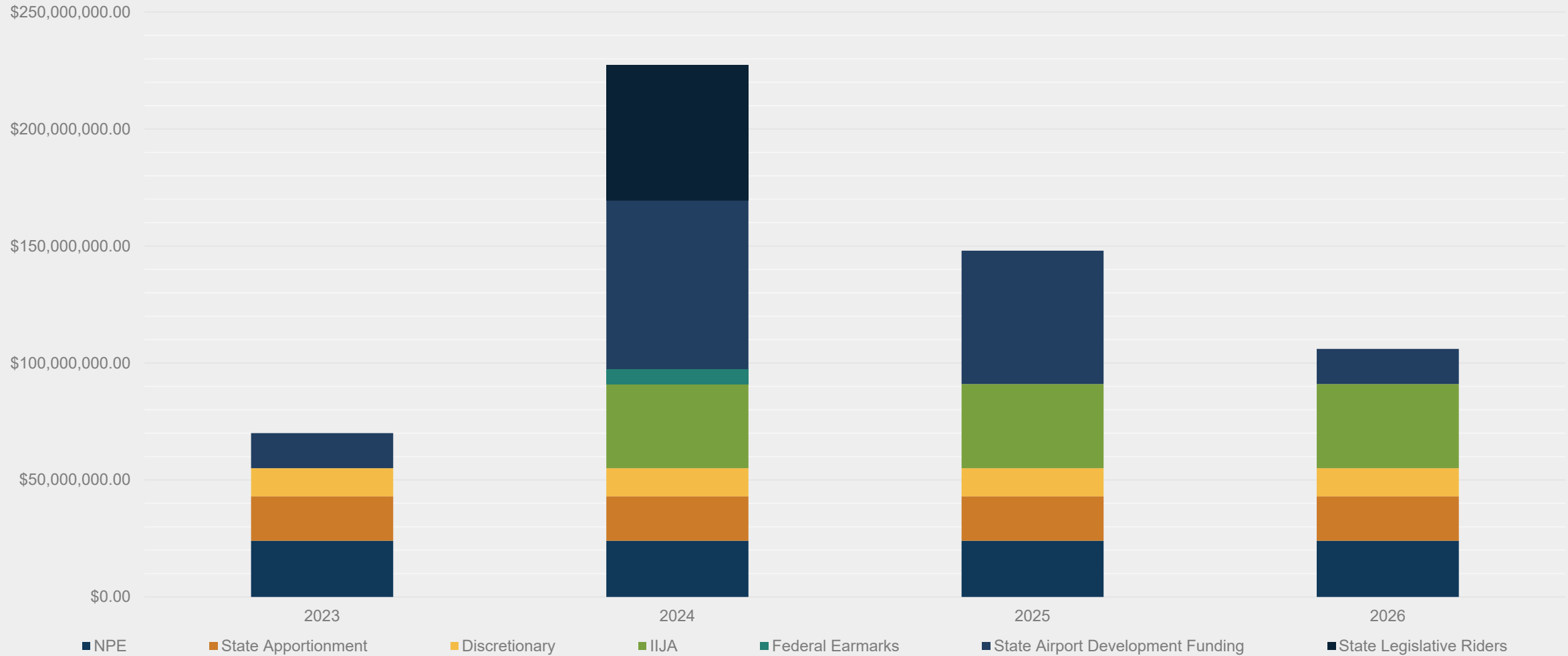


- Historical funding levels:
  - \$55M Fed (\$19M Apportionment, \$24M Non-Primary Entitlement (NPE), \$12M Discretionary)
  - \$20M State (\$5M Routine Airport Maintenance Program (RAMP), \$15M Airport Facilities Development Program)
- FY22-23:
  - \$58M Fed (\$19M Apportionment, \$24M NPE, \$15M Discretionary)
  - \$20M State (\$5M RAMP, \$15M AFDP - \$5M available due to state riders)
- FY24-25:
  - \$58M Fed (\$19M Apportionment, \$24M NPE, \$15M Discretionary)
  - \$35M Fed Infrastructure Investment and Jobs Act Available (IIJA)
  - \$67M State (General Appropriations Act: \$20M Non-Dedicated Fund 6, \$47M General Revenue)
  - \$15M AFDP restored (S.B. 30)
  - \$58M Rider funded projects
- Federal Supplemental Programs: Supplemental, Community Grants, COVID.

# Aviation Funding FY23 – FY26



## Annual Funding Planning Levels



# Aviation Funding Categories



Airport Classification	National	Regional	Local	Basic	Unclassified	State
AIP Apportionment	Yes	Yes	Yes	Yes	Select Projects	N/A
AIP Non-Primary Entitlement	\$150K	\$150K	\$150K	\$150K	No	N/A
AIP Discretionary	Yes	Yes	Yes	Yes	Select Projects	N/A
Supplemental (All Source)	Yes	Yes	Yes	Yes	Yes	N/A
Infrastructure Investment and Jobs Act (IIJA)	\$844	\$292K	\$145K	\$113K	No	N/A
State Airport Facilities Development Funding	Yes	Yes	Yes	Yes	Yes	Yes
State Rider Funding	Yes	Yes	Yes	Yes	Yes	Yes
State Routine Airport Maintenance Program	Yes	Yes	Yes	Yes	Yes	Yes

## Capital Improvement Plan

- Project funding may be derived from one or more sources depending on cost, eligible funding sources, and availability of funds. With a few exceptions, a 10% minimum local match is required for participation.



## Capital Improvement Program (CIP)

Federal or State based on eligibility

90/10 Fed or State to local match for most authorized projects

Specific items such as tower, terminals, and Automated Weather Observation Systems (AWOS) may have different match requirements

## Routine Airport Maintenance Program (RAMP)

Assists with smaller maintenance projects

Airside projects given first priority

Pre- FY24: 50/50 cost share up to \$50K max of State funding per Fiscal Year

FY24: 90/10 cost share up to 100K max State funding





- Regulating UAS operations or restricting flight altitude or flight paths in order to protect the safety of individuals and property on the ground or aircraft passengers, or in order to ensure the efficient use of the airspace by UAS and/or other aircraft
- Implementing UAS traffic control systems
- Designating “highways” or “routes” for UAS
- Selling or leasing UAS-related air rights above roadways
- Regulating UAS markings
- Establishing a licensing scheme for UAS pilots
- Requiring air safety education or training
- Imposing requirements for the safe manufacturing of UAS
- Mandating safety-related equipment such as geo-fencing. Courts have found that state regulation pertaining to mandatory training and equipment requirements related to aviation safety is not consistent with the Federal regulatory framework.

# Texas Electrical Infrastructure

Andres Carvallo

Co-Director CIEDAR

Texas State University

# ERCOT Summary

- The Electric Reliability Council of Texas, Inc. operates Texas's electrical grid (1,250+ power gen units and 54,000+ transmission lines), which supplies power to more than 26 million Texas customers and represents 90 percent of the state's electric load. TEXAS POPULATION IS 30 MILLION.
- Key responsibilities:
  - Maintain system reliability.
  - Facilitate a competitive wholesale market.
  - Facilitate a competitive retail market.
  - Ensure open access to transmission.

## ERCOT Utilities

- There are **4 Investor Owned TDSPs** that servicing 22 million customers in the deregulated areas via 130 Retail Energy Providers.
- There are **72 Municipal Owned Utilities** servicing 5.1 million customers (e.g. CPS Energy and Austin Energy).
- There are **76 Texas Electric Cooperatives** servicing 3 million customer (e.g. PEC and Bluebonnet).

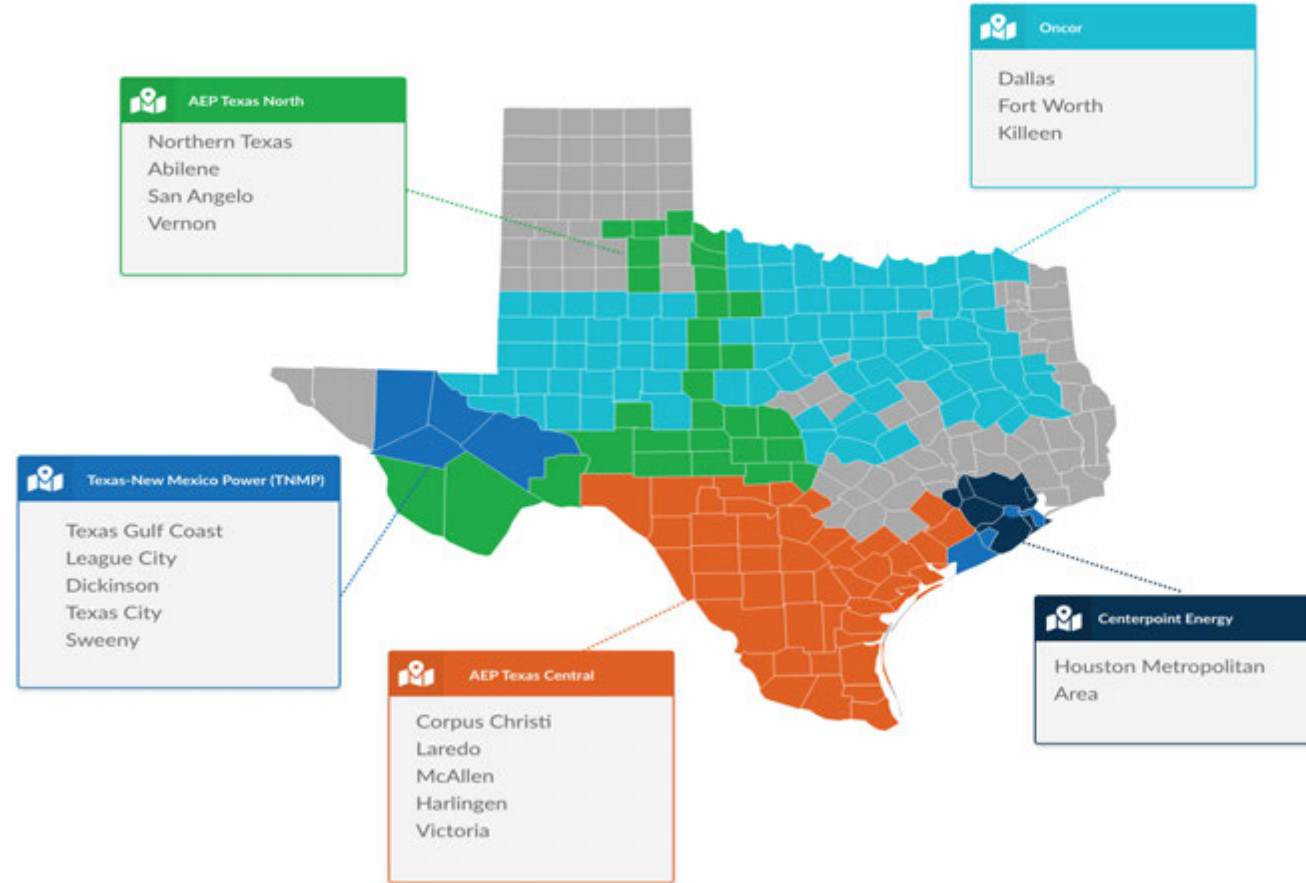


# Texas Deregulated Market

- Centerpoint Energy, Oncor, Texas-New Mexico Power, and American Electric Power are the power grid operators servicing about 130 retail electric providers in the state (like Reliant Energy, TXU Energy, Tesla Energy, Direct Energy, etc.). Each of those providers can have dozens of plan options.

# Texas Deregulated Market

## Deregulated Texas Utilities



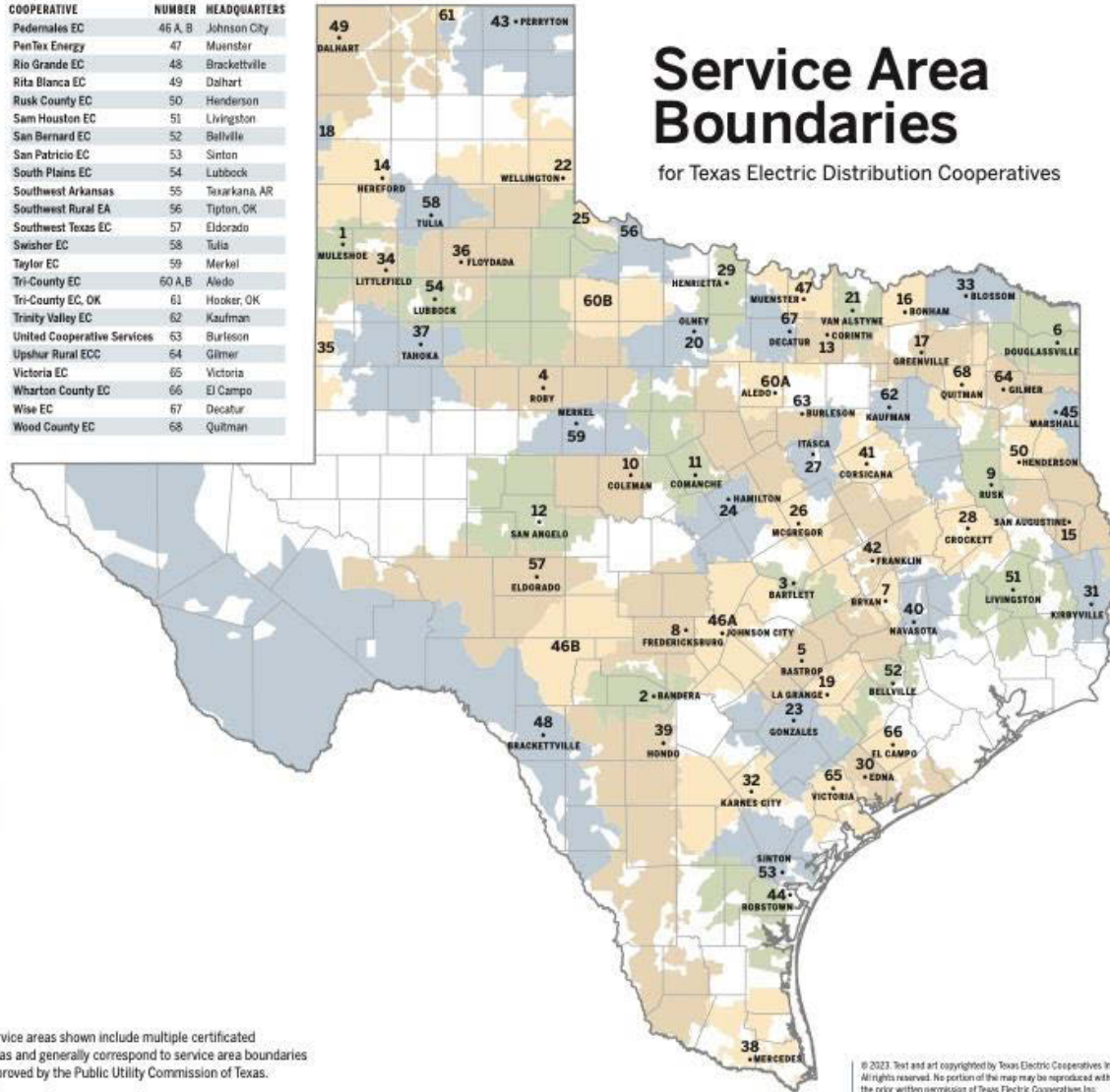
\*Service areas subject to change. Check with utility for the most up to date service information.

# Texas Coops

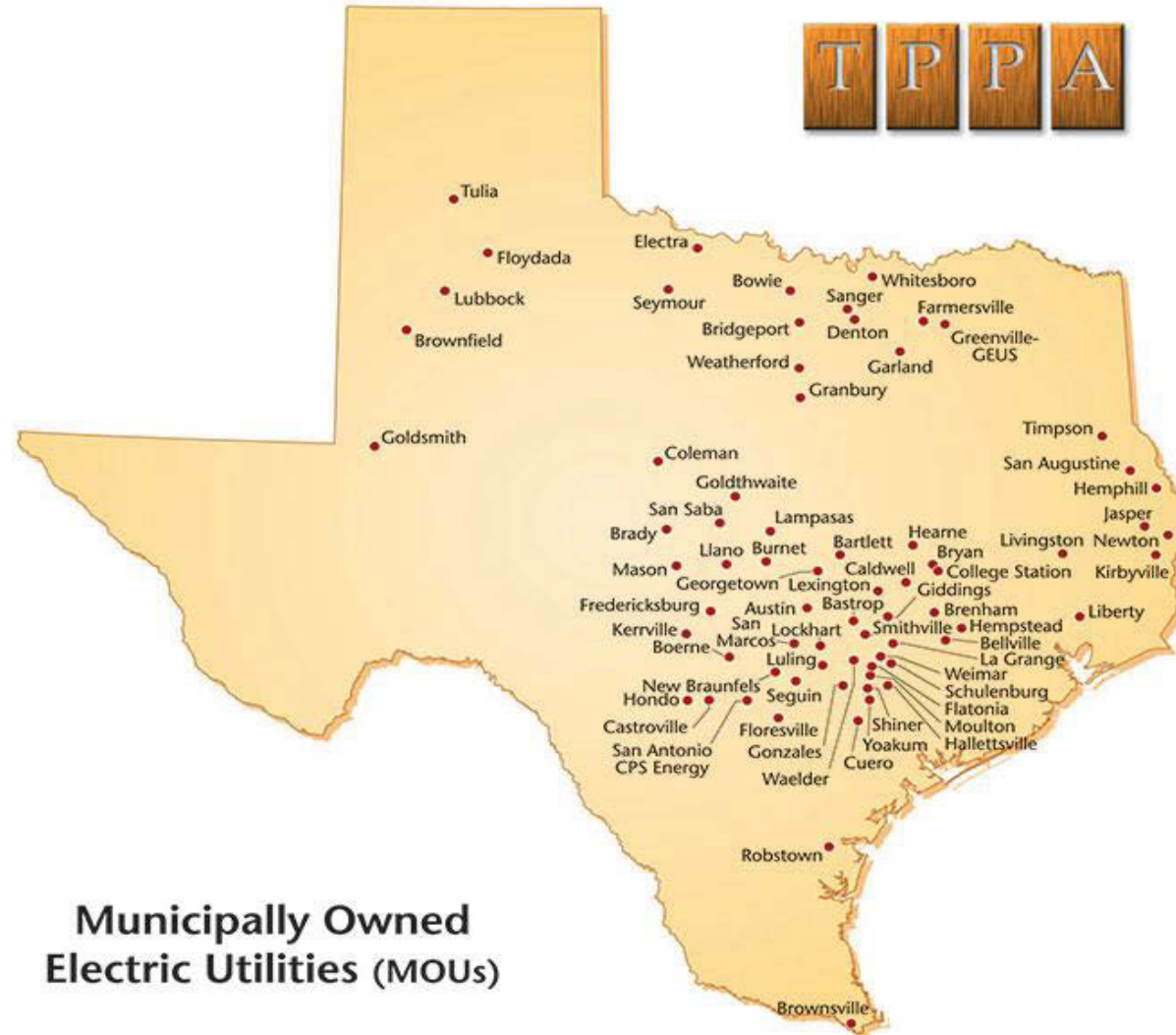
COOPERATIVE	NUMBER	HEADQUARTERS	COOPERATIVE	NUMBER	HEADQUARTERS
Bailey County ECA	1	Muleshoe	Pedernales EC	46 A, B	Johnson City
Bandera EC	2	Bandera	PenTex Energy	47	Muenster
Bartlett EC	3	Bartlett	Rio Grande EC	48	Brackettville
Big Country EC	4	Roby	Rita Blanca EC	49	Dalhart
Bluebonnet EC	5	Bastrop	Rusk County EC	50	Henderson
Bowie-Cass EC	6	Douglasville	Sam Houston EC	51	Livingston
Bryan Texas Utilities	7	Bryan	San Bernard EC	52	Bellville
Central Texas EC	8	Fredericksburg	San Patricio EC	53	Sinton
Cherokee County ECA	9	Rusk	South Plains EC	54	Lubbock
Coleman County EC	10	Coleman	Southwest Arkansas	55	Texarkana, AR
Comanche EC	11	Comanche	Southwest Rural EA	56	Tipton, OK
Concho Valley EC	12	San Angelo	Southwest Texas EC	57	Eldorado
CoServ Electric	13	Corinth	Swisher EC	58	Tulia
Deaf Smith EC	14	Hersford	Taylor EC	59	Merkel
Deep East Texas EC	15	San Augustine	Tri-County EC	60 A, B	Aledo
Fannin County EC	16	Bonham	Tri-County EC, OK	61	Hooker, OK
Farmers EC	17	Greenville	Trinity Valley EC	62	Kaufman
Farmers EC, NM	18	Clovis, NM	United Cooperative Services	63	Burleson
Fayette EC	19	La Grange	Upshear Rural EC	64	Gilmer
Fort Belknap EC	20	Olney	Victoria EC	65	Victoria
Grayson-Collin EC	21	Van Alstyne	Wharton County EC	66	El Campo
Greenbelt EC	22	Wellington	Wise EC	67	Decatur
Guadalupe Valley EC	23	Gonzales	Wood County EC	68	Quitman
Hamilton County ECA	24	Hamilton			
Harmon EA	25	Holla, OK			
Heart of Texas EC	26	McGregor			
HILCO EC	27	Itasca			
Houston County EC	28	Crockett			
J-A-C EC	29	Henrietta			
Jackson EC	30	Edna			
Jasper-Newton EC	31	Kirbyville			
Karnes EC	32	Karnes City			
Lamar County ECA	33	Blossom			
Lamb County EC	34	Littlefield			
Lea County EC	35	Livingston, NM			
Lighthouse EC	36	Floydada			
Lyntegar EC	37	Tahoka			
Magic Valley EC	38	Mercedes			
Medina EC	39	Hondo			
MidSouth EC	40	Navasota			
Navarro County EC	41	Corsicana			
Navasota Valley EC	42	Franklin			
North Plains EC	43	Perryton			
Nueces EC	44	Robstown			
Panola-Harrison EC	45	Marshall			

## Service Area Boundaries

for Texas Electric Distribution Cooperatives



# Texas Municipal Utilities



Municipally Owned Electric Utilities (MOUs)

# Texas Public Power Association List

## Municipally Owned Utilities (MOUs)

- Austin Energy
- City of Barlett\*
- Bastrop Power & Light\*
- City of Bellville
- City of Boerne
- City of Bowie
- City of Brady\*
- City of Brenham
- City of Bridgeport
- City of Brownfield
- Brownsville PUB
- Bryan Texas Utilities
- City of Burnet
- City of Caldwell
- City of Castroville\*
- City of Coleman
- College Station Utilities
- CPS Energy
- City of Cuero
- Denton Municipal Electric
- City of Electra
- City of Farmersville
- City of Flatonia
- Floresville Electric Light & Power System
- City of Floydada
- City of Fredericksburg
- Garland Power & Light
- Georgetown Utility Systems
- City of Giddings
- City of Goldsmith\*
- City of Goldthwaite
- City of Gonzales
- City of Granbury
- Greenville Electric Utility System (GEUS)
- City of Hallettsville
- City of Hearne\*
- City of Hemphill
- City of Hempstead\*
- City of Hondo\*
- City of Jasper\*
- Kerrville PUB
- City of Kirbyville
- City of La Grange
- City of Lampasas\*
- City of Lexington
- City of Liberty
- City of Livingston
- City of Llano\*
- City of Lockhart
- Lubbock Power & Light
- City of Luling
- City of Mason
- City of Moulton
- New Braunfels Utilities
- City of Newton\*
- City of Robstown
- City of San Augustine
- City of San Marcos
- City of San Saba
- City of Sanger
- City of Schulenburg
- City of Seguin
- City of Seymour\*
- City of Shiner\*
- City of Smithville
- City of Timpson
- City of Tulia

- City of Waelder\*
- City of Weatherford
- City of Weimar\*
- City of Whitesboro
- City of Yoakum

## Cooperatives

- Bluebonnet Electric Cooperative
- Fayette Electric Cooperative
- Pedernales Electric Cooperative

## Joint Action Agencies

- Sam Rayburn Municipal Power Agency\*
- Texas Municipal Power Agency
- West Texas Municipal Power Agency\*

## River Authority

- Lower Colorado River Authority (LCRA)

# Texas Economic Development

Joe Magruder

Industry Specialist

Office of the Governor



# Workforce Development

**Dr. Kerry Ballast**

**Deputy Director, Workforce Development Division  
Texas Workforce Commission**



**TEXAS**  
**WORKFORCE SOLUTIONS**



A proud partner of the AmericanJobCenter<sup>®</sup> network

## Education

- Adult Education and Literacy
- Apprenticeship
- Career Schools & Colleges
- Dual Credit
- Early College High Schools
- Eligible Training Providers (ETPs)
- Education Outreach Specialists

## Workforce Development Boards

- 28 Workforce Areas
- In-Demand & Target Occupations
- Referrals to ETPs
- Youth Programs
- Externships
- Job Fairs and Hiring Events

## Grants

- Apprenticeship, including DOL Expansion and Texas Industry-Recognized Apprenticeships
- Jobs & Education in Texas (JET)
- Skills Development Fund
- Statewide Initiatives

## Tri-Agency Workforce Initiative

- TWC, TEA, & THECB
- Career Pathways
- Credentials of Value
- Learner Supports
- Infrastructure, including data sharing



# Industry considerations to select a location

Dan Dalton

Vice President, Global Partnerships

Wisk

# Wisk, Sugar Land, and The Greater Houston Region



wisk

*“The Greater Houston area is experiencing some of the highest population growth in the country, which calls for new and efficient ways to move across the region. Sugar Land’s strategic location within the Greater Houston region, and its forward-thinking city leadership, make it an ideal partner for us and one that is uniquely positioned as an early leader in the launch of air taxi services.”*

**Brian Yutko, CEO Wisk Aero**

# Who We Are

People: ~700\* with most in engineering, manufacturing, and flight test

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Locations: US, New Zealand, Canada, and Australia

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Patents issued: 255+

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Test flights: 1750+ (all full-scale aircraft)

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Backed by: The Boeing Company

\* Includes contractors



# A History of Flight



**Generation 1**  
2011 - 2014  
Autonomous



**Generation 2**  
2015  
Piloted



**Generation 3**  
2015 - 2017  
Piloted



**Generation 4**  
2017 - current  
Autonomous



**Generation 5**  
2018 - current  
Autonomous

# Generation 6:

Designed for Advanced Air Mobility, Built for Safety

Seats	4
Altitude	2500–4000 Ft. AGL
Dimensions	<50 Ft. Wingspan
Range	90 Miles (w/Reserves)
Speed	110–120 Knots
Charge Time	15 Minutes
Storage	Carry-on and Personal Items
Operation	Autonomous w/Human Oversight



# Safety First, Always



**Highest  
Possible  
Safety  
Standard**



**Autonomous  
Flight with  
Human  
Oversight**



**Simplified  
Design**




**No Single  
Point of  
Failure**

# Why Texas?

- Nationwide Leader in Innovation and Aerospace
- Supportive of Advanced Air Mobility and Autonomy
- Diverse Industry Landscape to Build AAM Ecosystem







## Regional Benefits of AAM

Supports faster, multi-center metro development at lower infrastructure costs

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Commuting time-savings for the riders

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Reduces pressure on existing infrastructure

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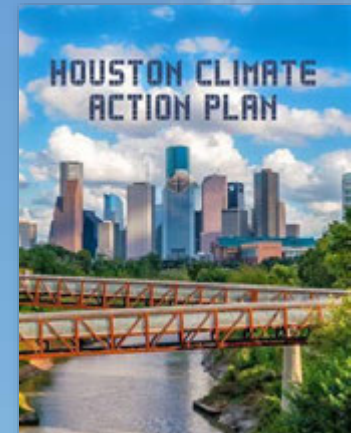
Workforce development & education opportunities

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Raises the profile of cities as an attractive and sustainable urban destination

# The Vision for Houston Region

- Make clean air and clean transportation a reality for the Houston Region — Evolve Vision
- Increase regional transportation choice — Resilient Houston Goal 15
- Expand access to wealth building and employment opportunities — Resilient Houston Goal 2
- Stimulate sustainable, long-term economic prosperity for Bay Area Houston — BAHEP
- Texas to be the role model for safe deployment of AAM — TxDOT UAM Report
- Raise the profile of Houston as an attractive and sustainable urban destination — GHP





# Why Sugar Land & Houston?

- City Sprawl + Congestion
- Supportive Public Partners
- High Market-Potential with Network Demand

# What's Needed? Ecosystem Enablement -> Together

## At the City/Regional Level

- Assess how AAM can improve mobility
- Develop policy pathways for AAM
- Electrical infrastructure planning
- Support public engagement on AAM
- Apply for federal and/or state grants

## At the State Level

- Assess current AAM efforts
- Establish AAM in State DOT planning
- Develop policies that support AAM
- Educate state/local officials on AAM
- Collaborative planning with local authorities and utilities
- Support local planning for AAM through state funded efforts

*wisk*

# Summary of FL, VA, OH, and TX AAM State Government Leadership

	Florida	Ohio	Virginia	Texas
State Plan/Report	<u>X</u>	<u>X</u>	<u>X</u> *includes vertiports and economic impact	<u>X</u>
Economic Impact Study		<u>X</u>		
Workforce Development		<u>X</u>		
State Investment		<u>X</u>	<u>X</u>	
Public Awareness	<u>X</u>		<u>X</u>	
Recommended Minimum Standards for Vertiports	<u>X</u>			

# Texas' inherent advantages

- High population and high expected growth
- Good business environment
- Vibrant economy
- Positive job growth
- Significant urban-rural divide lends itself to Regional Air Mobility needs
- Large number of airports and airlines
- Technological innovation
- Long history of aerospace and aviation

# Texas AAM Needs



# Legislative framework

1. Official definition of AAM in state statute (VTOLS, drones, etc.)
2. Flexible regulatory scheme for AAM efforts
3. List of ways that AAM will not be used and encouragement of liberal use when applicable (e.g., use on state land)
- ~~4. State standards for infrastructure consistency~~
5. Continuation of AAM Advisory Committee

# AAM Understanding and Influence

5. AAM representation on the 9-member TxDOT Aviation Advisory Committee
6. A position at TxDOT or OOG to serve as a central point of contact and AAM ambassador to increase adoption and awareness of AAM
7. Public awareness about the benefits and potential of AAM
8. AAM research and development in Texas
9. Economic impact study for Texas (similar to the Wisk study done in California)

# Safe Operations

10. Legislation governing information sharing among agencies using AAM during disasters (HB2340-89R)
11. Funding for safety training for first responder personnel
12. Mitigation of cybersecurity risks
13. Air traffic management and airspace deconfliction (e.g., UTM)\*

# Workforce Development

14. Diverse, highly skilled workforce (near-term)

15. AAM knowledge and skills pipeline (long-term)

# Infrastructure

16. AAM infrastructure at existing airports

17. New vertiports

18. Electrical capacity at Texas airports

19. Funding to support ancillary infrastructure (e.g., micro wind sensors)

20. Gap analysis for AAM integration into existing airport infrastructure

21. New designated revenue streams to pay for and maintain AAM infrastructure

# Crafting Actionable Recommendations

- I want the state to   [do what specifically]  ?
- What State entity(s) do you want to do that?
- Where does the money come from (funding mechanism) and how much money will it take ballpark?

*Strengthen recommendations by documenting private industry contributions (e.g., matching funds, in-kind contributions)*

# Recommendations Discussion

Look at each draft recommendation and yay or nay the concept

Edit the recommendation and fill in missing information

# Recommendation 1

**Need:** Official definition of AAM in state statute (VTOLS, drones, etc.)

**Recommendation:** Adopt FAA definition

**Who:** Texas Legislature

**Funding source:** N/A

**How much:** \$0



# FAA AAM Definition

(1) ADVANCED AIR MOBILITY; AAM.—The terms “advanced air mobility” and “AAM” mean a transportation system that transports people and property by air between two points in the United States using aircraft with advanced technologies, including electric aircraft or electric vertical take-off and landing aircraft, in both controlled and uncontrolled airspace.

# Recommendation 2

**Need:** Flexible regulatory scheme for AAM efforts

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Recommendation 3

**Need:** List of ways that AAM will not be used and encouragement of liberal use when applicable (e.g., use on state land)

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Use of Unmanned Aircraft

[GOVERNMENT CODE CHAPTER 423. USE OF UNMANNED AIRCRAFT](#)  
[\(texas.gov\)](#)

# The UAS program will *not* be used to:

- Conduct random surveillance activities
- Target a person based solely on individual characteristics, such as race, color, ethnicity, national origin, sex, sexual orientation, age, gender, religion, or disability
- Harass, intimidate, or discriminate against any individual or group
- Conduct personal business or any other unauthorized use
- Support any facial or license plate recognition technology
- Carry or deploy any types of weapons
- Monitor traffic for the purpose of issuing traffic citations
- Intercept and collect Wi-Fi data

# Recommendation 4

**Need:** ~~State standards for infrastructure consistency~~

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Recommendation 5

**Need:** Continuation of AAM Advisory Committee

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Recommendation 5

**Need:** AAM input on TxDOT aviation policy

**Recommendation:** Add AAM representation to the existing 9-member TxDOT Aviation Advisory Committee.

**Who:**

**Funding source:**

**How much:**



# Recommendation 6

**Need:** A position at TxDOT or OOG to serve as a central point of contact and AAM ambassador to increase adoption and awareness of AAM (through demonstration day coordination, conference presentations, etc.)

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Recommendation 7

**Need:** Public awareness about the benefits and potential of AAM

**Recommendation:** Provide funds to create communication materials targeted to the public, decision makers, and recreational drone users that can be implemented as appropriate.

**Who:**

**Funding source:**

**How much:**

# Recommendation 8

**Need:** AAM research and development in Texas

**Recommendation 7:** Support research and development for AAM technologies, products, and services in Texas by providing funds and resources for state universities (e.g., developing unmanned traffic management systems)

**Who:**

**Funding source:**

**How much:**

# Recommendation 9

**Need:** Economic impact study for Texas

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Recommendation 10

**Need:** Legislation governing information sharing among agencies using AAM during disasters (HB2340-89R)

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

TX HB 2340 2019 (R) Sec. 418.055

# Information Sharing Working Group

- a) In this section, "work group" means the work group established under this section.
- b) The division shall establish a work group of state agencies involved in disaster management. The work group consists of members appointed by the chief of the division who represent:
  - 1) the comptroller's office;
  - 2) the Department of State Health Services;
  - 3) the Texas Department of Transportation;
  - 4) the General Land Office;
  - 5) the Health and Human Services Commission;
  - 6) institutions of higher education; and
  - 7) to the extent practicable, appropriate federal agencies.
- c) The work group shall develop recommendations for improving the manner in which electronic information is stored by and shared among state agencies and between state agencies and federal agencies to improve the capacity of the agencies to:
  - 1) respond to a disaster; and
  - 2) coordinate the agencies' responses to a disaster.
- d) Not later than November 1 of each even-numbered year, the work group shall submit the group's recommendations to the governor.

# Recommendation 11

**Need:** Funding for safety training for first responder personnel

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Recommendation 12

**Need:** Mitigation of cybersecurity risks

**Recommendation:**

**Who:**

**Funding source:**

**How much:**



# Recommendation 13

**Need:** Air traffic management and airspace deconfliction (FAA preemption?)

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Recommendation 14

**Need:** Diverse, highly skilled workforce

**Recommendation:** Support education and workforce development for AAM by providing funds and resources for state universities, community colleges, and vocational schools to develop and offer programs and courses related to AAM.

**Who:**

**Funding source:**

**How much:**

# Recommendation 15

**Need:** AAM knowledge and skills pipeline

**Recommendation:** Integrate AAM into K-12 curriculum (e.g., NASA toolkit)

**Who:**

**Funding source:**

**How much:**

# Recommendation 16

**Need:** AAM infrastructure at existing airports

**Recommendation:** Modify Chapter 21 of the Transportation Code to enable existing airports to function as vertiports and increase available funding if the vertiport meets public use/public good standard.

**Who:**

**Funding source:**

**How much:**

# Recommendation 17

**Need:** Funding for new vertiport development

**Recommendation:** Create a state matching program for new public good/public use vertiport construction

**Who:**

**Funding source:**

**How much:**

# Florida bill to fund new vertiport construction

## **As part of the Supply Chain Innovation Grant Program**

“The Department of Commerce and the Department of Transportation shall also consider applications for funding submitted by public and private entities seeking to develop and establish vertiports in this state. Each award made for vertiport development shall be matched dollar-for-dollar by nonstate funds. For purposes of this subsection, the term "vertiport" means a system or infrastructure with supporting services and equipment used for landing, ground handling, and takeoff of manned or unmanned vertical takeoff and landing (VTOL) aircraft.”

<https://www.flsenate.gov/Session/Bill/2024/1301/BillText/c3/PDF>

# Recommendation 18

**Need:** Electrical capacity at Texas airports

**Recommendation:** Provide funding to improve electrical capacity at Texas airports for airborne and ground vehicles.

**Who:**

**Funding source:**

**How much:**

# Recommendation 19

**Need:** Funding to support ancillary infrastructure (e.g., micro wind sensors)

**Recommendation:** Increase TxDOT aviation funds and allow funds to be used off-airport to construct infrastructure to enhance the aviation system.

**Who:**

**Funding source:**

**How much:**



# Recommendation 20

**Need:** Gap analysis for AAM integration into existing airport infrastructure

**Recommendation:** Develop a statewide plan, or integration within the Texas Airport System Plan, that addresses the potential locations for and classifications of vertiports and other associated infrastructure to help define the future operational environment UAM/AAM.

**Who:**

**Funding source:**

**How much:**

# Recommendation 21

**Need:** New designated revenue streams to pay for and maintain AAM infrastructure

**Recommendation:**

**Who:**

**Funding source:**

**How much:**

# Next Meeting Dates

Meeting	Date	Time
<b>Full Committee</b>	<b>April 30</b>	<b>9:00 am - 12:00 pm</b>
Funding Subcommittee	April 3	10:00 am – 12:00 pm
Infrastructure Subcommittee	April 11	1:30 pm – 3:30 pm
Economic Impact Subcommittee	April 17	10:00 am – 12:00 pm
Community Integration Subcommittee	April 17	1:30 pm – 3:30 pm
Public Good/Safety Subcommittee	April 18	10:00 am – 12:00 pm

# Closing Remarks