

A Future in Flight

PIONEERING THE FUTURE OF
ADVANCED AIR MOBILITY

Florida Department of Transportation

Will N. Watts, Jr., P.E.

Chief Operating Officer, Assistant Secretary

November 6, 2025





HISTORICAL TIMELINE

2025

FEBRUARY

FDOT publishes AAM Toolkit for Local Governments

MARCH – SEPTEMBER

FDOT hosts statewide local government training for AAM

APRIL

Joby conducts proof of concept demonstrations at MacDill Air Force Base

2024

MARCH – JUNE

FDOT hosts AAM Tabletop Exercises

APRIL

LIFT Aircraft's "Hexa" conduct flights at Lakeland Airport during SUN 'n FUN

SEPTEMBER

FDOT publishes AAM Land Use Compatibility and Site Approval Guidebook

FDOT participates in commissioning of BETA Technologies' electric aircraft charging infrastructure

BETA installs chargers at Tallahassee, Gainesville, and Bob Sikes airports

2023

AUGUST

FDOT publishes Working Group Report and Recommendations

SEPTEMBER

FDOT publishes Public Outreach Plan

OCTOBER

BETA Technologies' aircraft "ALIA" conducts capabilities demonstration at Eglin Air Force Base

NOVEMBER

Volocopter conducts Florida's first crewed, electric VTOL (eVTOL) demonstration flight with their Volocopter 2X in Tampa

FDOT establishes AAM Advisory Committee

2022

JUNE

FDOT publishes AAM Roadmap and Recommended Standards

SEPTEMBER

FDOT publishes Airport Compatibility Reports for 32 airports

NOVEMBER 2022 - AUGUST 2023

FDOT hosts AAM Working Group meetings

2021

DECEMBER

Florida begins initial strategic planning for AAM



FLORIDA'S VISION FOR ADVANCED AIR MOBILITY

SENATE BILL 1662

Signing of SB 1662 secured legislative support to ensure Florida is the first state in the nation to have commercial AAM services





ROLLOUT PLAN

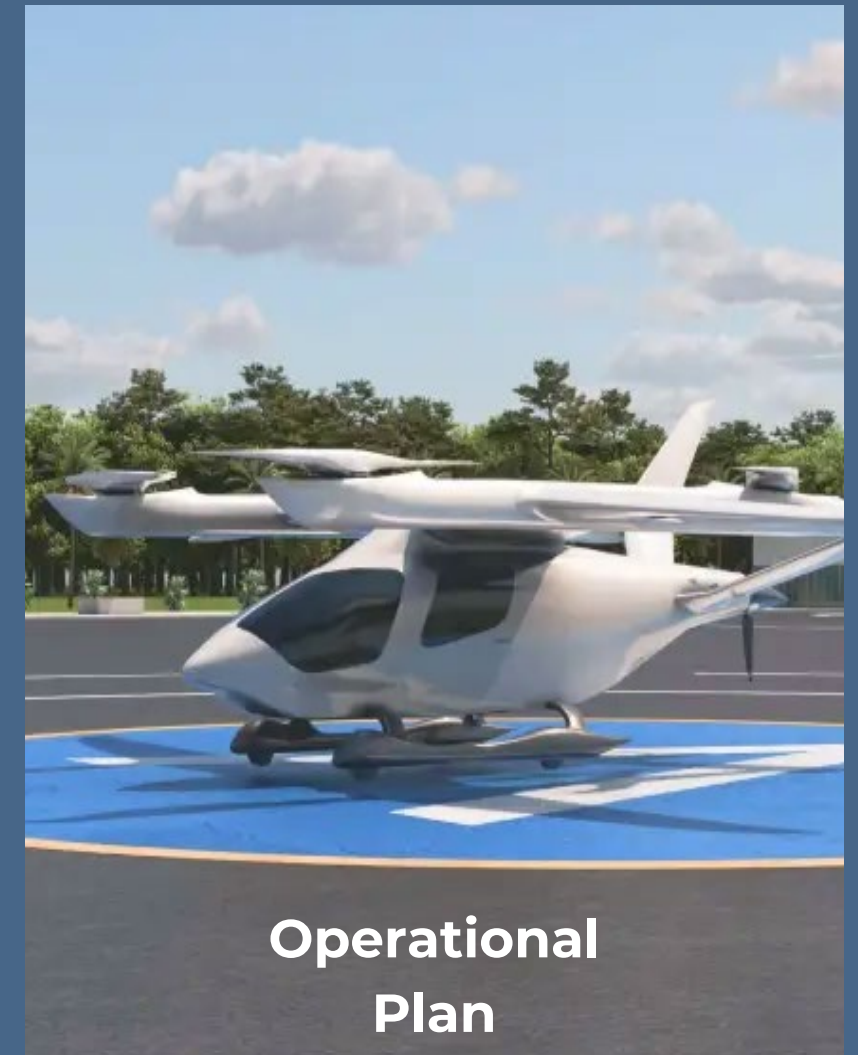
JUN 2025



NOV 2025



FEB 2026



OPERATIONAL TIMELINE FOR ADVANCED AIR MOBILITY



FALL 2025

Establishment of
Aerial Highway
Network



EARLY 2026

Operationalize
AAM Headquarters
at SunTrax



LATE 2026

Commercial
Vehicles Take Flight



FLORIDA'S AERIAL HIGHWAY NETWORK

PHASE ONE

PHASE 1A - CENTRAL FLORIDA I-4 CORRIDOR

City Centers: Sarasota, St. Petersburg/Clearwater, Tampa, Lakeland, Auburndale, Sebring, Kissimmee, Orlando, Cocoa/Melbourne, Daytona Beach

Airports: Sarasota Bradenton Intl Airport, St. Pete–Clearwater Intl Airport, Tampa Intl Airport, Tampa Executive Airport, Lakeland Linder Intl Airport, SunTrax, Sebring Regional Airport, Kissimmee Gateway Airport, Orlando Intl Airport, Orlando Executive Airport, Orlando Sanford Intl Airport, Space Coast Regional Airport, Melbourne Orlando Intl Airport, Daytona Beach Intl Airport

PHASE 1B - PORT ST. LUCIE TO MIAMI

City Centers: Port St. Lucie, Stuart, West Palm Beach, Fort Lauderdale, Miami-Opalocka, Miami

Airports: Treasure Coast Intl Airport, Witham Field Airport, Palm Beach Intl Airport, Fort Lauderdale–Hollywood Intl Airport, Miami–Opa locka Executive Airport, Miami Intl Airport, Miami Executive Airport

PHASE 1C - TAMPA TO NAPLES / MIAMI TO KEY WEST

City Centers: Fort Myers, Naples, Homestead, Marathon, Key West

Airports: Southwest Florida Intl Airport, Naples Municipal Airport, Homestead ARB, Florida Keys Marathon Intl Airport, Key West Intl Airport

PHASE 1D - PENSACOLA TO TALLAHASSEE

City Centers: Pensacola, Tallahassee

Airports: Pensacola Intl Airport, Tallahassee Intl Airport

PHASE TWO

PHASE 2A - DAYTONA BEACH TO JACKSONVILLE

City Centers: St. Augustine, Jacksonville

Airports: Northeast Florida Regional Airport, Jacksonville Intl Airport

PHASE 2B - SEBRING OUT EAST AND WEST

PHASE 2C - ORLANDO TO LAKE CITY / TAMPA TO TALLAHASSEE

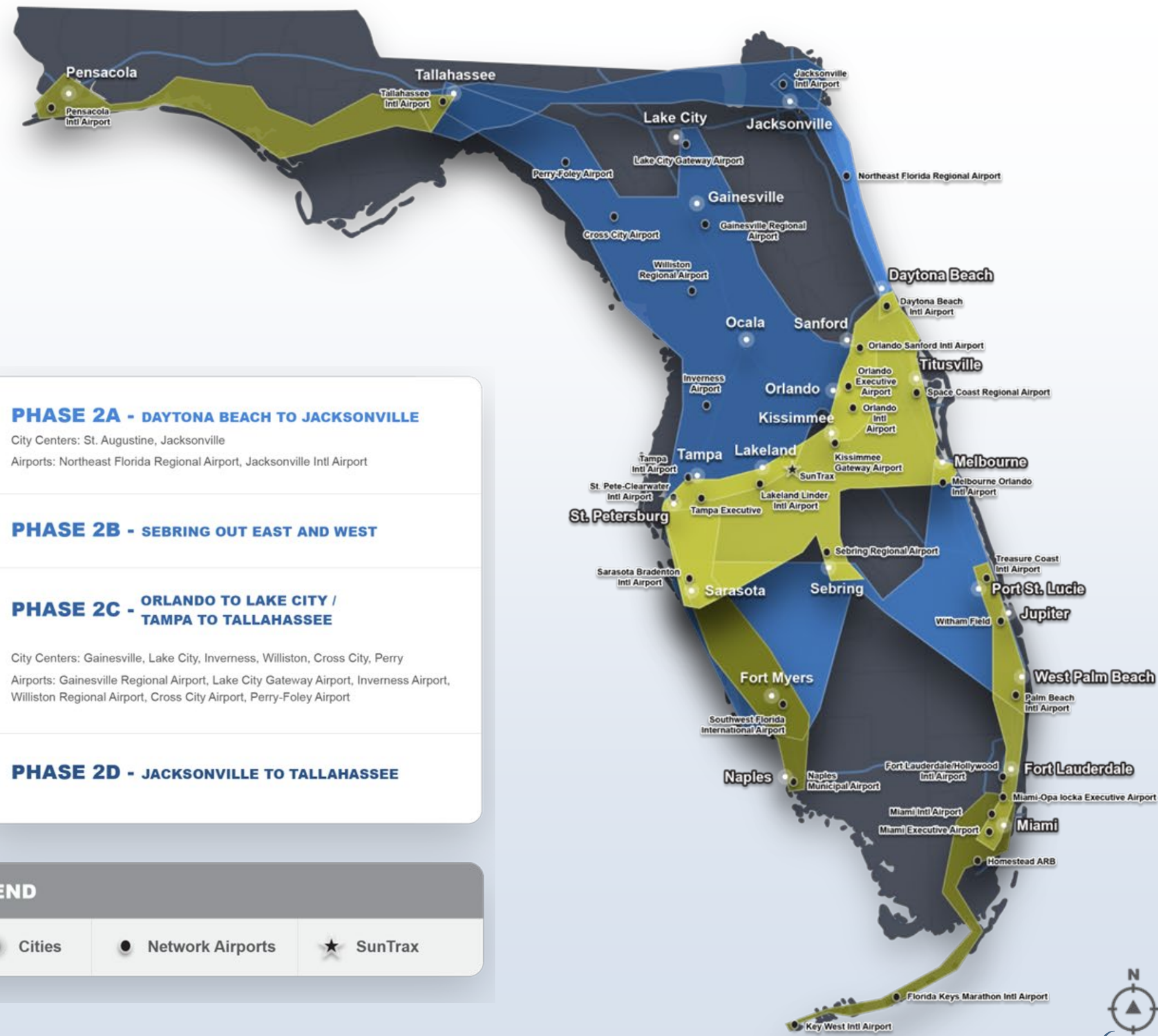
City Centers: Gainesville, Lake City, Inverness, Williston, Cross City, Perry

Airports: Gainesville Regional Airport, Lake City Gateway Airport, Inverness Airport, Williston Regional Airport, Cross City Airport, Perry-Foley Airport

PHASE 2D - JACKSONVILLE TO TALLAHASSEE

LEGEND

- Cities
- Network Airports
- SunTrax



SUNTRAX EXPANSION

SUNTRAX Air Ground



Phasing Legend

PHASE 1A

- 1 At-Grade Vertiport (1)

PHASE 1B

- 2 South Roundabout
- 3 Access Road with Vehicle Staging
- 4 North Roundabout
- 5 Pump House
- 6 eVTOL Parking Position and Charging Station (1)
- 7 At-Grade Vertiport (1)
- 8 Maintenance Hangar (1)

PHASE 2A

- 9 Maintenance Hangars (3)
- 10 eVTOL Parking Positions and Charging Stations (7)
- 11 At-Grade Vertiport (1)

PHASE 2B

- 12 At-Grade Vertiport (1)
- 13 Landing Strip, 3,000 Feet
- 14 Maintenance Hangars (6)
- 15 eVTOL Parking Positions and Charging Stations (7)
- 16 At-Grade Vertiport (1)

STRATEGIC MARKET ENTRY



PASSENGER TRAVEL

CARGO & DELIVERY SERVICES

EMERGENCY SERVICES



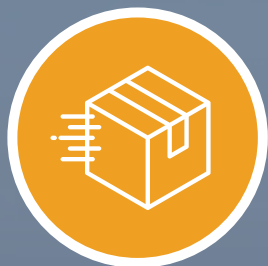
PASSENGER TRAVEL
MARKET



AAM RIDERSHIP
POTENTIAL



FREIGHT TRAVEL
MARKET



AAM FREIGHT
TONNAGE POTENTIAL



BUSINESS CASE

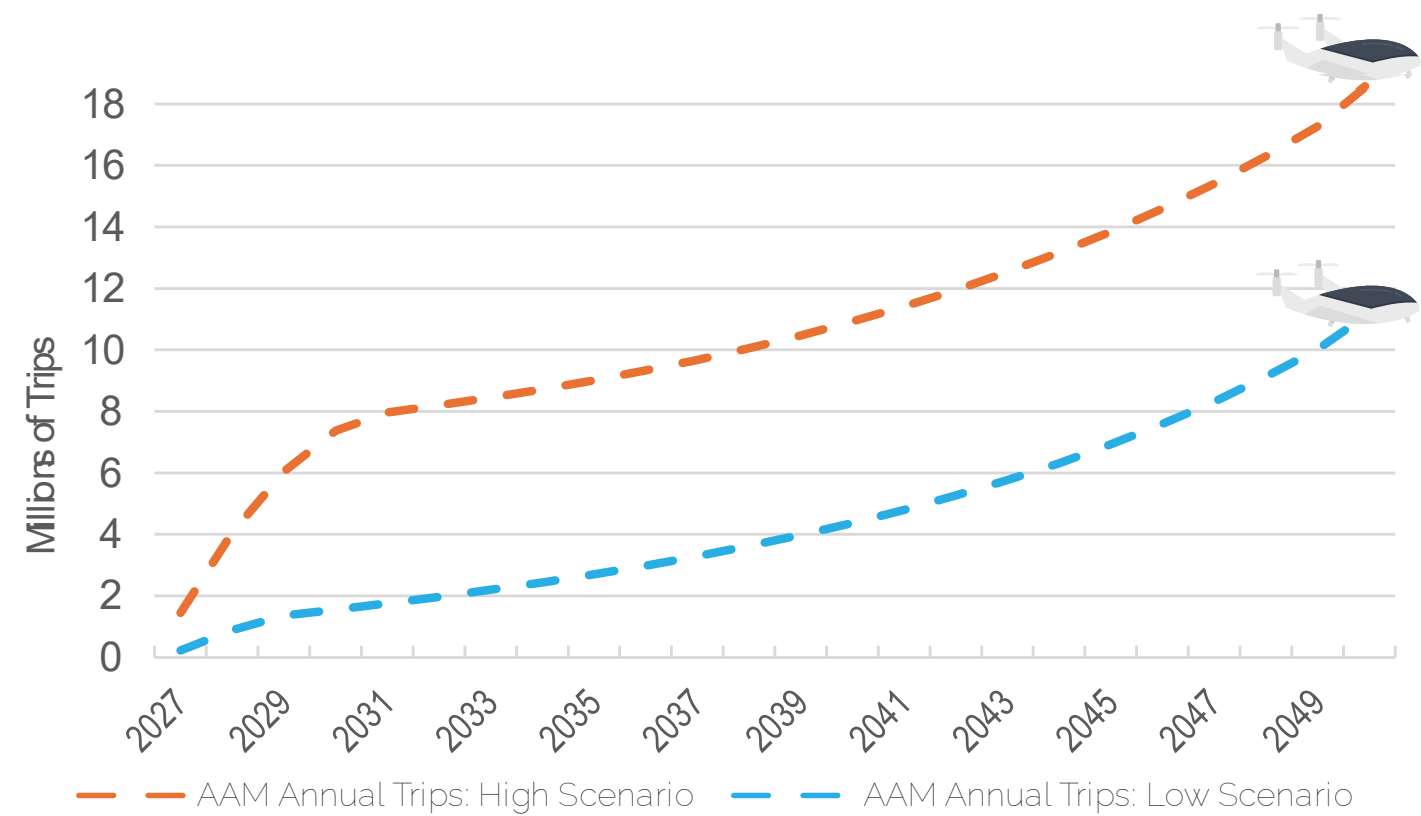
TO ENSURE PROFITABLE
ADVANCED AIR MOBILITY
SERVICES

DATA DRIVEN APPROACH

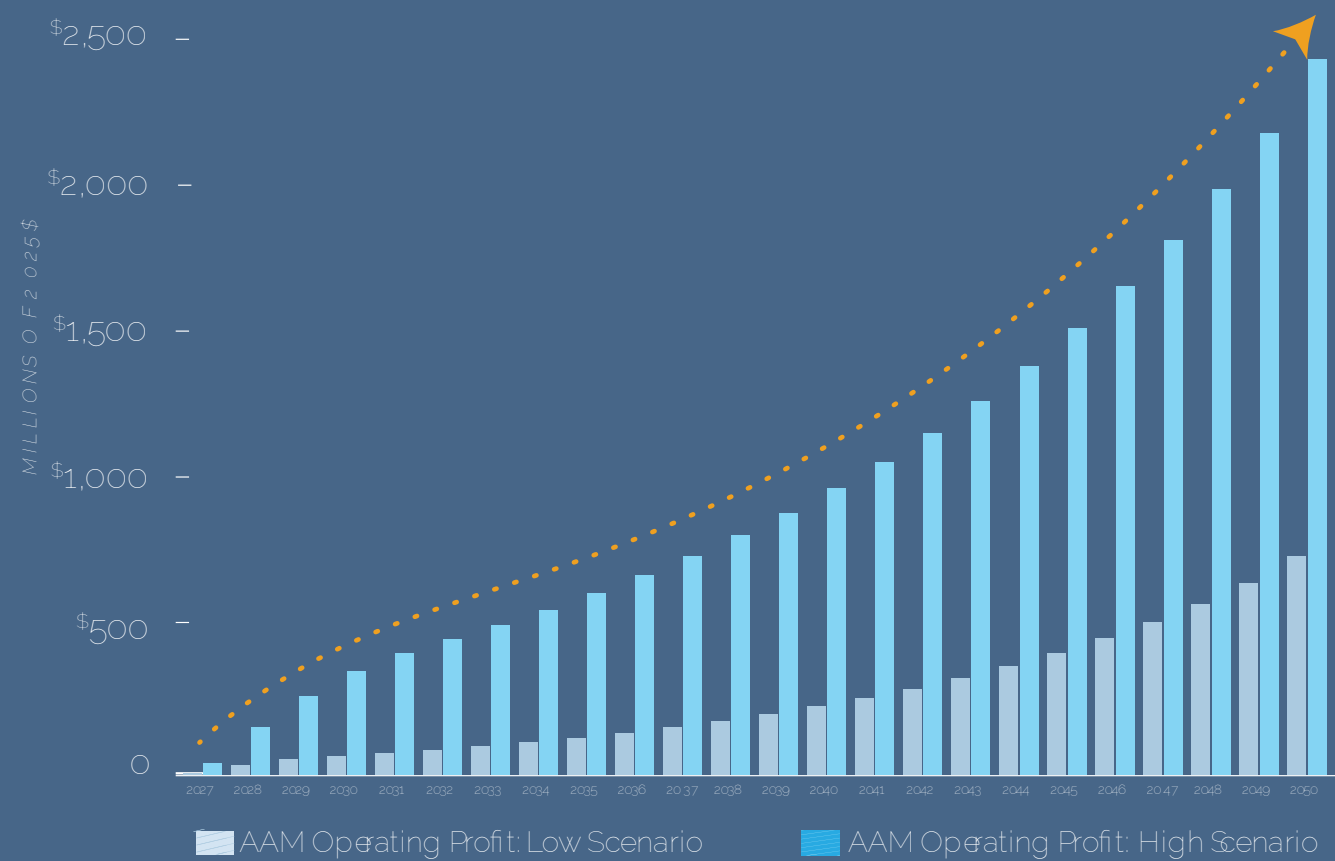


Drive Market Priorities

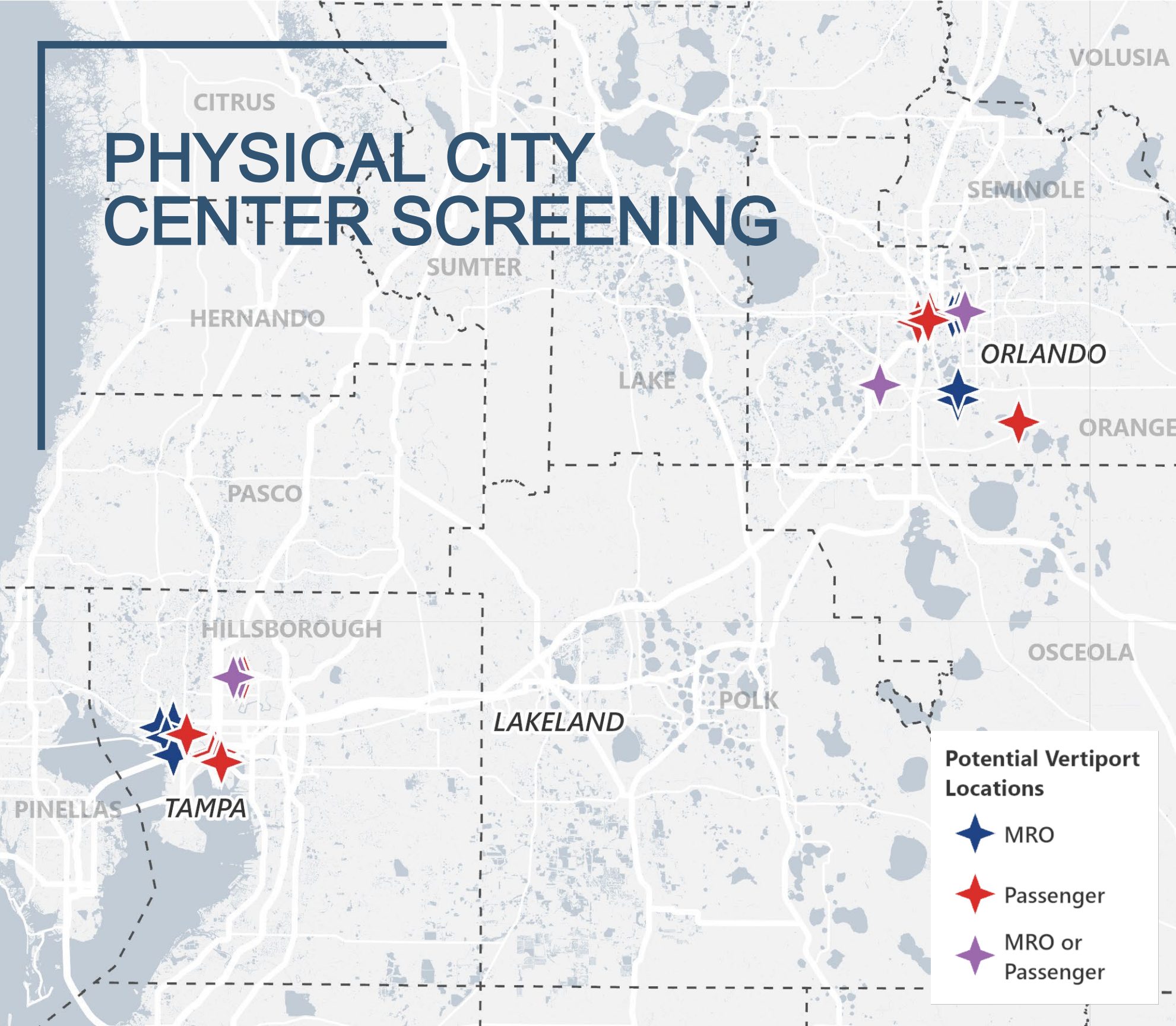
AAM Passenger Trip Projections



Potential Gross Operating Profit Range



PHYSICAL CITY CENTER SCREENING



Screening Criteria

- Land Use and Zoning
- Utility Infrastructure Assessment
- Noise and Environmental Constraints
- Emergency Response and Safety
- Parcel Size
- Logistics and Supplies



POWER INFRASTRUCTURE

Creating charging requirements and standards to ensure sufficient and safe vertiport operations

- Connecting vertiports to power grid
- Power requirements for vertiports
- Alternative power sources
- Site electrical design for vertiports
- Hazard analysis and risk mitigation

eVTOL INTEGRATION PILOT PROGRAM (eIIPP)

Positioning and Missions



GEOGRAPHIC
PRIORITIES



SUCCESSFUL
PARTNERSHIPS

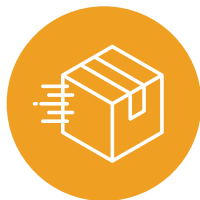
PRIORITY AREAS FOR AAM RESEARCH AND TESTING



AIRSPACE
STABILITY



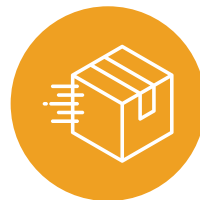
AIR TRAFFIC
CONTROL
INTEGRATION



EQUIPMENT &
TECHNOLOGY
TESTING



CYBER
SECURITY



PILOT &
MAINTAINER
TRAINING &
WORKFORCE
DEVELOPMENT



KEY PARTNERSHIPS



FLORIDA & FDOT GOALS



Between now and end of 2026



**Build out SunTrax, Deploy
OEM, Integration,
Certifications**



**EIPP Fulfillment -
Integration with
Partners**



**Commercial Aerial Network is
Ready to Fly Certified Vehicle in
Profitable Routes**





THANK YOU



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